

Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

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NEIC 01 18:45:41.7±1.7,21.70S×179.55W,h600km,mb4.6/6,
Error ellipse: s-maj=75.5km s-min=25.7km az=151.0
IDC 01 18:45:46.3±2.6,21.76S×179.70W,h627km,37km,mb3.5/4,
mb1 3.7/4,mb1mx3.2/14,Error ellipse: s-maj=83.2km
s-min=20.6km az=159.0
ISC 01 18:45:43.1±2.7,22.3S;02×179.6W;03,h613km,42km,
n22,r1515/21,mb4.4/9,1C,South of Fiji Islands
Code Station Name Δ° AZ° Phase ID Time Res
h m s ISC
HBZ Hicks Bay 15.41 186 eP P 18 48 53.1 -1.7
URZ Urewera 16.21 189 P P 18 49 01.5 -0.9
MRZ Mangatoinoka R 18.81 192 eP P 18 49 26.7 0.0
DIW D'Urville Isla 19.30 195 eP P 18 49 27.3 -3.9
CAW Cannon Point 19.34 192 eP P 18 49 31.7 +0.1
OTW Orongorongo Tu 19.52 192 eP P 18 49 33.0 -0.2
MCW Moikau 19.61 192 eP P 18 49 35.5 +1.5
THZ Tophouse 20.46 196 eP P 18 49 42.0 +0.2
KHZ Kahutara 20.93 194 P P 18 49 46.2 +0.2
ARMA Armidale 27.03 246 eP P 18 50 42.4 +2.3
CTA Charters Tower 31.93 267 P P 18 51 22.3 +0.4
13nm,0.5s,mb4.8
STKA Stephens Creek 35.75 246 eP P 18 51 55.3 +1.8
3.1nm,0.4s,mb4.2
ASAR Alice Springs 42.74 259 P P 18 52 50.1 +0.3
9.8nm,0.5s,mb4.6,baz=92,slow=8.2,SNR=47
ASAR S 18 58 31.3 -0.1
1.0nm,0.8s,baz=95,slow=15,SNR=5.7
ASPA Alice Springs 42.74 259 eP P 18 52 50.1 +0.2
WRA Warramunga Arr 42.96 264 P P 18 52 51.0 -0.7
1.8nm,0.3s,mb4.0,baz=96,slow=7.8,SNR=93
WRA S 18 58 33.0 -1.5
0.3nm,0.9s,baz=99,slow=14,SNR=3.0
KAKA Kakadu 46.64 273 eP P 18 53 18.2 -1.8
14nm,0.4s,mb4.8
FITZ Fitzroy Crossi 51.39 264 eP P 18 53 54.3 -0.7
12nm,0.3s,mb4.8
MBWA Marble Bar 56.08 259 eP P 18 54 27.1 -0.7
11nm,0.6s,mb4.2
CMAR Chiang Mai Arr 89.35 290 P P 18 57 38.1 +1.0
1.3nm,0.8s,mb3.8,baz=135,slow=3.1,SNR=8.1
ARCES ARCESS Array B 130.36 349 PKP PKP 19 03 43.7 -0.5
0.7nm,0.6s,baz=282,slow=4.2,SNR=3.5
FINES FINES Array B 137.02 342 PKP PKP 19 03 57.3 +0.5
3.7nm,1.1s,baz=158,slow=3.2,SNR=5.4
MLR Muntele Rosu 148.85 324 PKPbc PKP 19 04 22.7 +5.2
0.2nm,0.7s,baz=1.2,slow=23,SNR=2.3

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Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

1d 0h

M53A	WI Miller and	31.48	4	P	P	00 31 45.9 +1.8
M53A	Monte Alegre	31.65	110	eP	P	00 31 46.1 +0.3
M55A	Ridgway	31.70	7	P	P	00 31 48.0 +1.9
M55A	baz=189,SNR=17					00 31 48.0 +1.9
M57A	Sunshine Farm,	31.81	10	P	P	00 31 48.6 +1.6
M57A	baz=192,SNR=11					00 31 48.6 +1.6
N38A	Joese South For	31.84	346	P	P	00 31 47.6 +0.4
N38A	baz=192,SNR=7.9					00 31 47.6 +0.4
L48A	N Adams	31.87	359	P	P	00 31 48.6 +1.1
L48A	baz=179,SNR=6.1					00 31 48.6 +1.1
CBKS	Cedar Bluff	32.09	336	P	P	00 31 50.8 +1.2
CBKS	baz=150					00 31 50.8 +1.2
MNMC	Minnye Minnye	32.11	154	P	Iamb	00 31 48.9 -1.2
MNMC	comp=Z,52nm,1.3s					00 31 58.2
PAL	Palisades	32.14	14	P	P	00 31 52.0 +2.1
PAL	baz=198					00 31 52.0 +2.1
ERPA	Erie	32.21	5	P	P	00 31 52.0 +1.5
ERPA	baz=187					00 31 52.0 +1.5
AAM	Ann Arbor	32.22	0	P	P	00 31 50.7 +0.1
AAM	baz=180					00 31 52.5 +1.9
AAM	Ann Arbor	32.22	0	P	P	00 31 50.7 +0.1
AAM	comp=Z,111nm,1.8s					00 31 50.7 +0.1
KSPA	Keystone Colle	32.26	11	P	P	00 31 51.9 +0.9
KSPA	baz=195,SNR=9.7					00 31 53.7 +2.7
PSGCX	Albuquerque	32.30	155	P	P	00 31 52.0 +0.4
ANMO	Albuquerque	32.36	324	LR	LR	00 48 18.7
ANMO	comp=Z,862nm,20.0s					00 31 51.8 -0.4
ANMO	Albuquerque	32.36	324	eP	P	00 31 51.8 -0.4
ANMO	comp=Z,19nm,3.9s					00 31 56.0 +2.7
L56A	Greenwood	32.52	9	P	P	00 31 56.0 +2.7
L56A	baz=192,SNR=6.0					00 31 54.4 -0.3
PB11	IPOC Station P	32.64	155	P	Iamb	00 32 01.6
PB11	comp=Z,28nm,0.9s					00 31 56.1 +1.7
WVNY	West Valley, N	32.64	7	P	P	00 31 56.1 +1.7
WVNY	baz=190,SNR=13					00 31 54.0 -0.3
L40A	Anamos	32.65	350	P	P	00 31 54.0 -0.3
L40A	baz=166,SNR=6.7					00 31 54.0 -0.2
VILB	Vilhena	32.66	134	P	Iamb	00 31 58.5
VILB	comp=Z,77nm,1.2s					00 31 54.9 +0.2
VILB	Vilhena	32.66	134	eP	P	00 31 56.5 +0.2
GO01	Chusmiza	32.76	154	P	Iamb	00 32 11.9
GO01	comp=Z,26nm,1.1s					00 31 58.3 +2.7
NPNY	Nikhon Preserv	32.79	13	P	P	00 31 57.1 +1.6
NPNY	baz=198,SNR=5.3					00 31 56.4 -0.1
BINY	Binghamton	32.84	11	P	P	00 31 56.9 -0.5
BINY	baz=194					00 32 00.4 +2.8
SCIA	State Center	32.89	347	P	P	00 31 59.9 +0.4
SCIA	Novo Progresso	32.97	120	eP	P	00 31 59.1 -0.7
NPGB	Walton	33.02	12	P	P	00 32 00.4 +2.8
L59A	baz=196,SNR=6.6					00 31 59.9 +0.4
MCPB	Macapa, AP	33.19	106	eP	P	00 31 59.1 -0.7
PB08	IPOC Station P	33.19	154	P	Iamb	00 32 10.2
PB08	comp=Z,67nm,1.9s					00 32 02.0 +2.2
K57A	Scipio Center	33.27	10	P	P	00 31 59.6 -0.6
K57A	baz=193,SNR=7.2					00 32 00.4 +2.8
JFWS	Jewell Farm	33.32	351	P	Iamb	00 32 01.9
JFWS	comp=Z,30nm,1.1s					00 32 00.7 +0.6
JFWS	Jewell Farm	33.32	351	P	P	00 32 01.1 +0.9
JFWS	baz=168,SNR=5.5					00 31 59.6 -0.6
JFWS	Jewell Farm	33.32	351	P	P	00 31 59.6 -0.6
JFWS	comp=Z,30nm,1.1s					00 32 04.2 +2.5
J54A	Appleton	33.49	7	P	P	00 32 04.2 +2.5
J54A	baz=189					00 32 05.1 -0.1
PB01	IPOC Station P	33.86	156	P	P	00 32 08.4 +2.2
J57A	Williamstown	34.01	10	P	P	00 32 08.1 +1.2
J57A	baz=194,SNR=6.4					00 32 08.4 +2.2
J58A	Remsen	34.09	11	P	P	00 32 08.1 +1.2
J58A	baz=195,SNR=11					00 32 06.4 -0.6
I42A	Dræger Farm,	34.10	353	P	P	00 32 07.6 -0.6
I42A	baz=195,SNR=11					00 46 13.5
SIV	San Ignacio	34.21	139	P	LR	00 32 09.3 +0.0
SIV	comp=Z,6.9nm,0.9s					00 32 15.3
SIV	comp=Z,19nm,1.0s					00 32 09.3 +0.0
PB07	IPOC Station P	34.31	157	P	Iamb	00 32 09.6 +0.6
PB07	comp=Z,32nm,1.2s					00 32 11.3 +2.1
I40A	Norwalk	34.33	351	P	P	00 32 09.1 -0.7
I40A	baz=168					00 32 12.0 +1.0
J59A	Plesco	34.35	12	P	P	00 32 12.4 +0.8
J59A	baz=196					00 32 12.3 +0.3
J59A	baz=196					00 32 12.8 +0.6
PDRB	Porto das Gac	34.38	128	eP	P	00 32 13.7 +1.7
H43A	Windswept, Lux	34.56	355	P	P	00 32 12.1 -0.3
H43A	baz=173					00 32 15.0 +1.5
WCNY	West Carthage	34.63	10	P	P	00 32 14.8 +1.3
WCNY	baz=194,SNR=8.0					00 32 13.8 -0.3
214A	Organ Pipe Nat	34.65	313	P	P	00 32 14.2 +0.2
214A	baz=123					00 32 17.0
PB03	IPOC Station P	34.67	157	P	Iamb	00 32 13.7 +1.7
PB03	comp=Z,28nm,1.1s					00 32 13.7 +1.7
J61A	Chester	34.68	14	P	P	00 32 12.1 -0.3
J61A	baz=200,SNR=5.4					00 32 15.0 +1.5
CLDB	Collider	34.68	126	eP	P	00 32 14.8 +1.3
CLDB	Ogallala	34.83	335	P	P	00 32 13.8 -0.3
OGNE	Ogallala	34.83	335	P	P	00 47 06.2
OGNE	baz=148,SNR=14					00 47 06.2
SADO	Sadow	34.92	6	P	LR	00 32 14.2 +0.2
SADO	comp=Z,19nm,1.0s					00 32 17.0
SADO	comp=Z,5nm,18.5s					00 32 16.2 +0.1
SADO	baz=184,slow=37					00 32 21.2
PTLB	Pontes e Lacer	35.12	136	P	Iamb	00 32 17.2 +1.2
PTLB	comp=Z,30nm,1.2s					00 32 17.2 +1.2
PTLB	Pontes e Lacer	35.12	136	eP	P	00 32 19.6 +1.9
MVCO	Mesa Verde	35.13	325	P	P	00 32 20.0 +1.4
MVCO	baz=194					00 32 18.9 -1.0
BBSD	Serra de San D	35.38	139	eP	P	00 32 18.9 -1.0
LONY	Lake Ozonia	35.44	11	P	P	00 32 20.1 +1.4
LONY	baz=196,SNR=6.1					00 32 16.9 -0.8
ECSD	EROS Data Cent	35.45	344	P	P	00 32 20.1 +1.4
ECSD	baz=158,SNR=7.2					00 32 19.7 0.0
ECSD	EROS Data Cent	35.45	344	P	P	00 32 25.9
ECSD	baz=158,SNR=7.2					00 32 20.1 +1.4
LVC	Limon Verde	35.49	156	P	Iamb	00 32 20.1 +1.4
LVC	comp=Z,33nm,1.4s					00 32 19.7 0.0
LVC	Limon Verde	35.49	156	eP	P	00 32 20.1 +1.4
LVC	comp=Z,33nm,1.4s					00 32 20.4 +0.8
ISCO	Idaho Springs	35.51	330	P	P	00 32 20.1 +0.4
ISCO	baz=141					00 32 20.4 +0.8
ISCO	Idaho Springs	35.51	330	P	P	00 32 20.4 +0.8

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ISCO	comp=Z,22nm,1.7s					
VT1	Waterbury	35.56	14	P	P	00 32 22.0 +2.4
VT1	baz=199					00 32 21.3 +0.7
BMNY	Brunton-Moira	35.67	11	P	P	00 32 22.6 +2.0
BMNY	baz=196,SNR=10					00 32 25.6 +3.5
LBNH	Lisbon	35.67	15	P	P	00 32 25.6 +3.5
LBNH	baz=200					00 32 24.9 +1.6
I63A	Otisfield	35.85	16	P	P	00 32 24.9 +1.6
I63A	baz=203					00 32 24.8 +0.1
SPMN	Marine on St.	35.99	349	P	P	00 32 28.2 +3.2
SPMN	baz=201					00 32 28.2 +3.2
AF01	San Pedro de A	36.10	155	P	P	00 32 28.2 +3.2
AF01	H62A Milan	36.18	15	P	P	00 32 28.2 +3.2
H62A	baz=201					00 32 29.9 +1.6
N23A	Red Feather La	36.52	331	P	P	00 32 30.6 +1.2
N23A	baz=142					00 32 30.1 +0.7
GLA	Glamis	36.67	314	P	Iamb	00 32 30.6 +1.2
GLA	comp=Z,54nm,1.9s					00 32 30.1 +0.7
GLA	Glamis	36.67	314	P	P	00 32 30.6 +1.2
GLA	baz=122					00 32 31.6 +1.9
GLA	Glamis	36.67	314	P	P	00 32 32.0 +1.1
GLA	comp=Z,54nm,1.9s					00 32 33.3 +1.9
BRRB	Robore, Bolivi	36.70	140	eP	P	00 32 33.3 +1.9
BRRB	Parker Dam,Lak	36.87	316	P	P	00 32 33.3 +1.9
PDMCI	West Eustis	36.94	16	P	P	00 32 32.5 +0.6
PDMCI	baz=124					00 32 34.2 +1.3
G62A	West Eustis	36.94	16	P	P	00 32 32.5 +0.6
G62A	baz=202,SNR=5.2					00 32 32.9 0.0
TRQ	Mont Tremblant	36.99	11	P	Iamb	00 32 32.9 0.0
TRQ	comp=Z,47nm,1.1s					00 32 34.7 0.0
O20A	White River Ci	37.08	328	P	P	00 32 34.7 0.0
O20A	baz=138					00 32 35.5 +0.7
E38A	The Farm, Brul	37.12	351	P	P	00 32 34.7 0.0
E38A	baz=167					00 32 37.1 +2.5
SWSC	Sam W. Stewart	37.31	313	P	P	00 32 37.1 +2.5
SWSC	baz=121					00 32 37.1 +2.5
PKME	Peaks-Kenny Pk	37.33	17	P	Iamb	00 32 36.7 +1.2
PKME	comp=Z,67nm,1.1s					00 32 36.9 +1.0
PKME	Peaks-Kenny Pk	37.33	17	P	P	00 32 36.9 +1.0
PKME	baz=204					00 32 37.9 +0.8
IKP	In-A-Pah, Jac	37.39	312	P	P	00 32 37.9 +0.8
IKP	comp=Z,1um,18.6s					00 32 39.4 +0.8
BC3	Big Chuckawall	37.43	314	P	P	00 32 39.4 +0.8
BC3	baz=122					00 32 40.9 +1.3
PRPB	Parauapebas	37.44	114	eP	P	00 32 41.8 +1.0
PRPB	Iron Mountain	37.48	315	P	P	00 32 41.8 +1.0
IRM	Iron Mountain	37.48	315	P	P	00 32 42.3 +0.6
IRM	baz=123					00 49 57.2
GO02	Mina Guanaco	37.55	159	P	Iamb	00 32 41.8 0.0

TRQA	Tornquist	51.93 158	eP	P	00 34 30.9 -0.5
TROA	Tornquist	51.93 158	eP	P	00 34 31.5 +0.1
CA01	comp-Z,32nm,1.5s				
FRB	Frobisher RJ	52.02 128	eP	P	00 34 34.8 +2.5
FRB	Frobisher RJ	54.79 8	LR	LR	00 50 58.0
BBB	Bella Bella	55.30 328	LR	LR	01 01 38.8
COYC	Coyhaique	56.27 170	P	P	00 35 03.1 +0.3
COYC	Coyhaique	56.27 170	Iamb	Iamb	00 35 15.2
YKA	Yellowknife Ar	56.98 344	P	P	00 35 06.9 -0.9
TAOE	Nuku Hiva Isla	59.14 253	eLR	LR	00 52 44.9
DLBC	Dease Lake	59.71 334	LR	LR	01 04 15.9
DLBC	Dease Lake	59.71 334	P	P	00 35 27.9 +0.9
R33M	Jennings River	60.65 334	P	P	00 35 34.6 +1.1
SFJD	Kangerlussuaq	61.18 14	LR	LR	01 02 57.6
MMPY	Sheldon Lake	62.60 337	P	P	00 35 47.1 +0.5
FARO	Faro, Yukon	63.19 336	P	P	00 35 50.9 +0.5
O30N	Mendenhall	63.56 334	P	P	00 35 53.0 +0.1
N30M	Aishkik Lake	64.32 335	P	P	00 35 58.0 +0.1
C36M	Paulatuk	64.71 345	P	P	00 36 00.8 +0.6
RES	Resolute Bay	65.01 357	LR	LR	01 04 59.6
RES	Resolute Bay	65.01 357	P	P	00 36 01.3 -0.8
RES	Resolute Bay	65.01 357	Iamb	Iamb	00 36 04.0
RES	Resolute Bay	65.01 357	P	P	00 36 01.3 -0.8
RES	Resolute Bay	65.01 357	Pmax	Pmax	
ICESC	Greenland Ices	65.54 16	iP	Iamb	00 36 02.5 -3.6
ICESC	Greenland Ices	65.54 16	P	P	00 36 06.8
F31M	Tsiigehtich	66.24 341	P	P	00 36 10.4 +0.3
DAWY	Dawson	66.49 337	P	P	00 36 12.3 +0.4
EPYK	Eagle Plains	66.64 339	P	P	00 36 13.3 +0.5
INIK	Inuvik	66.66 342	P	P	00 36 12.1 -0.8
INIK	Inuvik	66.66 342	P	P	00 36 13.0 +0.2
INIK	Inuvik	66.66 342	P	P	00 36 12.1 -0.8
INIK	Inuvik	66.66 342	Pmax	Pmax	
A36M	Sachs Harbour	66.87 347	P	P	00 36 12.8 -1.2
A36M	Sachs Harbour	66.87 347	P	P	00 36 13.6 -0.4
BCAR	Beaver Creek A	67.01 335	P	P	00 36 14.8 -0.4
L27K	Beaver Creek	67.02 335	P	P	00 36 14.8 -0.5
TULEG	Thule	67.05 4	P	P	00 36 15.3 +0.1
TULEG	Thule	67.05 4	Iamb	Iamb	00 36 16.9
TULEG	Thule	67.05 4	iP	Iamb	00 36 13.4 -1.7
TULEG	Thule	67.05 4	P	P	00 36 16.4
EGAK	Eagle	67.50 337	P	P	00 36 18.4 +0.1
K27K	Chicken	67.53 336	P	P	00 36 18.2 -0.2
I27K	Kandik River	68.03 338	P	P	00 36 21.4 -0.3
SUMG	Summit	68.14 13	iP	Iamb	00 36 21.4 -1.2
SUMG	Summit	68.14 13	P	P	00 36 28.6
H27K	Steamboat Moun	68.28 338	P	P	00 36 23.1 -0.1
SCRK	Sand Creek	68.28 336	P	P	00 36 23.0 -0.3
J26L	Joseph Creek	68.32 336	P	P	00 36 23.9 +0.4
J26L	Joseph Creek	68.32 336	Iamb	Iamb	00 36 34.1
J26L	Joseph Creek	68.32 336	P	P	00 36 23.7 +0.2
I26K	Coal Creek Min	68.49 337	P	P	00 36 24.9 +0.5
RIDG	Independent Ri	68.54 335	P	P	00 36 24.4 -0.5
G27K	Doyon Strip	68.58 339	P	P	00 36 25.5 +0.4
K24K	Donnelly Dome	68.95 335	P	P	00 36 27.5 +0.1
E27K	Coleen River	69.18 340	P	P	00 36 28.9 +0.1
WAT6	Susitna Watana	69.36 334	P	P	00 36 30.1 -0.1
G26K	Porcupine Rive	69.40 339	P	P	00 36 30.2 +0.2
BORG	Borgarnes	69.48 24	LR	LR	01 03 54.7
NEAM	North Greenland	69.56 7	iP	P	00 36 27.4 -4.0
HEAD	Harding Lake	69.64 336	P	P	00 36 31.6 -0.1
IL31	Il31	69.75 336	P	P	00 36 31.8 -0.4
IL31	Il31	69.75 336	Iamb	Iamb	00 36 50.1
ILAR	Eielson Array	69.75 336	P	P	00 36 31.3 -1.0
ILAR	Eielson Array	69.75 336	PP	PP	00 39 09.2 +2.9
ILAR	Eielson Array	69.75 336	LR	LR	01 12 48.9
ILAR	Eielson Array	69.75 336	P	P	00 36 31.5 -0.8
F26K	Sheenjek River	69.84 339	P	P	00 36 32.6 -0.3
BMAR	Burnt Mountain	69.88 339	P	P	00 36 33.6 +0.5
POKR	Poker Plat Res	70.09 336	P	P	00 36 35.0 +0.6
EUNU	Eureka	70.11 360	P	P	00 36 34.1 -0.2
EUNU	Eureka	70.11 360	Iamb	Iamb	00 36 37.4
COLA	College	70.17 336	iP	Pmax	00 36 34.9 +0.1
COLA	College	70.17 336	Pmax	Pmax	
F25K	Christian Rive	70.32 339	P	P	00 36 36.9 +1.0
PPT	Papeete	70.50 247	LR	LR	00 59 11.7
E25K	Arctic Village	70.50 339	P	P	00 36 37.5 +0.6
C27K	Jago River	70.50 341	P	P	00 36 38.0 +1.2
PPT2	Papeete2	70.50 247	eS	S	00 45 52.0 -0.4
PPT2	Papeete2	70.50 247	eLR	LR	00 57 59.5
PPT2	Papeete2	70.50 247	eLR	LR	00 58 00.3
H24K	Noodor Dome	70.51 337	P	P	00 36 37.1 +0.1
H24K	Noodor Dome	70.51 337	Iamb	Iamb	00 36 39.1
H24K	Noodor Dome	70.51 337	P	P	00 36 38.0 +1.0
G24K	Hadweenc Riv	70.66 338	P	P	00 36 38.7 +0.8
TRF	Thorfare Moun	70.74 334	P	P	00 36 38.7 +0.1
C26K	Camden Bay	71.01 341	P	P	00 36 40.6 +0.7
H23K	Yukon River	71.15 337	P	P	00 36 41.5 +0.6
D25K	Kavik River	71.24 341	P	P	00 36 41.9 +0.5
MLY	Manley	71.39 336	P	P	00 36 43.0 +0.6
E24K	Your Creek	71.50 339	P	P	00 36 43.8 +0.8
CAST	Castle Rocks	71.50 334	P	P	00 36 43.6 +0.5
M20K	Styx River	71.59 332	P	P	00 36 44.0 +0.4

G23K	Bananza Creek	71.61 337	P	P	00 36 44.8 +1.1
COLD	Coldfoot	71.84 338	P	P	00 36 46.3 +1.3
H22K	Ishlalina Cre	71.89 336	P	P	00 36 45.9 +0.5
E23K	Chandalar	71.90 339	P	P	00 36 46.4 +1.0
TOLK	Toolik Lake Re	72.07 339	P	P	00 36 47.0 +0.6
O18K	Koktuh Hills	72.14 330	P	P	00 36 47.8 +0.6
C24K	Franklin Bluff	72.15 341	P	P	00 36 47.6 +1.0
TBI	Tubuai	72.23 242	eS	S	00 46 11.0 -1.0
TBI	Tubuai	72.23 242	eLR	LR	00 58 48.2
TBI	Tubuai	72.23 242	eLR	LR	00 58 48.6
D23K	Nanushuk River	72.56 340	P	P	00 36 50.6 +1.3
J20K	Novinta River	72.58 334	P	P	00 36 50.2 +0.7
E22K	Anaktuvuk Pass	72.70 339	P	P	00 36 51.0 +0.8
C23K	Ikilik River	72.81 341	P	P	00 36 51.6 +0.9
IMAR	Indian Mountai	72.85 336	P	P	00 36 50.5 -0.5
G21K	Allakaket	72.89 337	P	P	00 36 51.9 +0.5
F21K	Alatna River	73.07 338	P	P	00 36 53.5 +1.1
O17K	Koliganek Bris	73.07 330	P	P	00 36 53.5 +1.1
DAG	Danmarks Havn	74.78 13	iP	Iamb	00 36 59.3 -2.9
DAG	Danmarks Havn	74.78 13	Iamb	Iamb	00 37 02.4
A21K	Barrow	75.15 341	P	P	00 37 03.9 -0.5
S12K	Black Hills	75.23 325	P	P	00 37 04.9 -0.3
JMIC	Jan Mayen	75.86 19	LR	LR	01 09 51.6
ESDC	Sonsec Array B	75.90 52	P	P	00 37 09.2 -0.2
ESDC	Sonsec Array	75.90 52	LR	LR	01 05 19.4
ESDC	Sonsec Array	75.90 52	P	P	00 37 09.2 -0.2
ESDC	Sonsec Array	75.90 52	Iamb	Iamb	00 37 09.1 -0.4
ESDC	Sonsec Array	75.90 52	P	P	00 37 11.4
EKA	Eskeleim Ar	76.55 35	LR	LR	01 05 22.1
CLF	Chambon-Forêt	80.04 43	P	P	00 37 31.8 -0.4
CLF	Chambon-Forêt	80.04 43	Iamb	Iamb	00 37 34.6
SPITS	Spitsbergen Ar	82.40 12	LR	LR	01 15 07.7
NOA	NORSAR Array B	83.79 29	P	P	00 37 05.0 -1.8
NOA	NORSAR Array B	83.79 29	P	P	01 10 49.2
HFS	Hagfors	85.15 30	LR	LR	01 15 17.2
DAVA	Damuels	85.24 43	iP	P	00 38 00.5 +1.0
DAVOX	Davos/Dischmat	85.33 43	LR	LR	01 09 51.6
TAM	Tamnasset	85.58 68	P	P	00 38 01.5 -0.2
TAM	Tamnasset	85.58 68	P	P	00 38 01.5 -0.2
TAM	Tamnasset	85.58 68	Pmax	Pmax	
FUORN	Openpass-Fuorn	85.61 44	P	P	00 38 01.2 -0.4
RETA	Reutte	85.80 43	eP	P	00 38 02.5 +0.3
FETA	Feichten	85.86 43	iP	P	00 38 02.4 -0.2
MOTA	Mossalm	86.05 43	eP	P	00 38 04.4 +0.8
SQTA	Sankt Quirin	86.15 43	eP	P	00 38 04.3 +0.3
NKC	Novy Kostel	86.39 40	eP	P	00 38 06.4 +1.4
NKC	Novy Kostel	86.39 40	eP	P	00 38 06.1 +1.4
WTTA	Wattenberg	86.42 43	eP	P	00 38 05.9 +0.5
ZCCA	Zocca	86.46 46	P	P	00 38 05.6 -0.1
ZCCA	Zocca	86.46 46	Iamb	Iamb	00 38 09.1
CLL	Collin	86.53 39	P	P	00 38 04.9 -0.6
CLL	Collin	86.53 39	Iamb	Iamb	00 38 07.8
CLL	Collin	86.53 39	iP	P	00 38 05.8 +0.2
CLL	Collin	86.53 39	LR	LR	01 10 00.0
CLL	Collin	86.53 39	iP	Pmax	00 38 05.8 +0.2
CLL	Collin	86.53 39	Pmax	Pmax	
CTI	Castel Tesino	86.66 44	P	P	00 38 05.5 -1.0
CTI	Castel Tesino	86.66 44	P	P	00 38 05.5 -1.0
CTI	Castel Tesino	86.66 44	Pmax	Pmax	
KEST	Kesra	86.78 54	P	P	00 38 08.0 +0.7
KEST	Kesra	86.78 54	LR	LR	01 11 15.6
TEOL	Teolo	86.80 45	P	P	00 38 06.4 -0.7
ABTA	Abfattersbach	87.11 43	eP	P	00 38 08.9 +0.2
CIMO	Cimolais	87.15 44	P	P	00 38 08.4 -0.4
CIMO	Cimolais	87.15 44	Iamb	Iamb	00 38 10.6
BRG	Berggiesshuf	87.19 39	eP	P	00 38 10.0 +1.1
BRG	Berggiesshuf	87.19 39	Amp	Amp	00 38 10.9
BRG	Berggiesshuf	87.19 39	Amp	Amp	01 17 08.0
BRG	Berggiesshuf	87.19 39	Amp	Amp	01 17 11.0
BRG	Berggiesshuf	87.19 39	Amp	Amp	01 17 13.0
BRG	Berggiesshuf	87.19 39	eP	P	00 38 10.0 +1.1
BRG	Berggiesshuf	87.19 39	Pmax	Pmax	
BRG	Berggiesshuf	87.19 39	MLR	MLR	
BRG	Berggiesshuf	87.19 39	MLR	MLR	
BRG	Berggiesshuf	87.19 39	MLR	MLR	
KHC	Kasperke Hory	87.33 41	P	P	00 38 09.4 -0.2
KHC	Kasperke Hory	87.33 41	eP	P	00 38 09.7 +0.1
KHC	Kasperke Hory	87.33 41	eP	P	00 38 09.7 +0.1
ARCES	ARCES Array B	87.35 19	LR	LR	01 16 02.1
CLUD	Ciudnicu	87.42 43	P	P	00 38 09.5 -0.6
CLUD	Ciudnicu	87.42 43	Iamb	Iamb	00 38 11.9
GEC2	GERESS Array S	87.47 41	P	P	00 38 10.4 0.0
GEC2	GERESS Array S	87.47 41	Iamb	Iamb	00 38 12.7
GERES	GERESS Array B	87.47 41	P	P	00 38 10.0 -0.3
GERES	GERESS Array B	87.47 41	LR	LR	01 11 30.5
BIOA	Bad Ischl, Aus	87.67 42	eP	P	00 38 11.4 +0.1
PRU	Pruhonice	87.76 40	eP	P	00 38 11.8 +0.2
PRU	Pruhonice	87.76 40	eP	P	00 38 11.8 +0.2
CKRC	Cesky Krumlov	87.87 41	eP	P	00 38 10.9 -1.3
PRED	Cave del Predoi	87.89 43	P	P	00 38 11.7 -0.7
PRED	Cave del Predoi	87.89 43	Iamb	Iamb	00 38 14.4
MYKA	Terra Mystica	87.90 43	eP	P	00 38 12.8 +0.4
MOA	Molin	88.05 42	eP	P	00 38 13.2 +0.1
BILL	Bilibino	88.12 339	eP	P	00 38 13.2 +0.2
BILL	Bilibino	88.12 339	eP	P	00 38 19.0

BILL	comp-Z,6.0nm,1.0s			Pmax	Pmax		
BILL	comp-Z,6.0nm,1.0s			MLR	MLR		
OBKA	comp-Z,359nm,20.0s	88.53 43	eP	P	00 38 15.5 0.0		
OSTC	Ostas	88.67 39	eP	P	00 38 16.2 +0.2		
DPK	Dobruska-Polom	88.79 39	eP	P	00 38 16.4 -0.2		
DPK	Dobruska-Polom	88.79 39	eP	P	00 38 16.4 -0.2		
CONA	Conrad Observa	89.08 42	eP	P	00 38 18.5 +0.4		
VRAC	Vranov	89.22 40	LR	LR	01 18 15.1		
SHEM	Shemaya Is, Ala	89.39 324	LR	LR	01 18 15.1		
RONA	Rosalia, Austr</						

1d 0h

Table with columns: STA, comp, Z, 280nm, 17.5s, LR, LR, PKP, PKPpdf, 00 44 38.1 -0.1, etc. Includes stations like GTA, STKA, NJ2, GOMU, etc.

WEL 01 00:33:25.1+0.9,38°S,6°17'6E, h162km,8km,M3.0/33, MLv3.0/33, Error ellipse: s-maj=0.0km s-min=0.0km az=18.3, confirmed, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like TLZ, HIZ, TWVZ, etc.

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Table with columns: INZ, Incbonnie, 5.25 215, P, Pn, 00 34 36.4 -5.6, etc. Includes stations like OKX, OKCZ, etc.

GCG 01 00:39:54.0+1.1, 13°56'N, 91°59'W, h33km, 244km, MD3.9, IDG 01 00:39:57.0+2.9, 13°32'N, 90°86'W, h43km, 27km, mb3.5/5, mb1mp3.7/8, BL3.6/3, Error ellipse: s-maj=96.0km s-min=18.9km az=46.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SULM, FUG, PCG, etc.

ATH 01 00:47:34.0, 40°14'N, 19°87'E, h10km, 31km, ML2.7/5, Error ellipse: s-maj=31.6km s-min=1.6km az=0.0, PDG 01 00:47:33.2, 40°14'N, 19°82'E, h13km, ML2.7/10, Error ellipse: s-maj=0.4km s-min=0.8km az=0.0

THE 01 00:47:33.7, 40°13'N, 19°86'E, h0km, 2km, ML2.6/7, Error ellipse: s-maj=2.8km s-min=0.7km az=317.0, ISC 01 00:47:33.4+1.1, 40°14'N, 02°19.84E, 0.03, h6km, 9km, n54, c096/78, 4C-1D, Albania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SRN, KASA, KASA, etc.

Table with columns: HCY, NKME, Niksic, 2.71 346, P, Pn, 00 48 47.1 +1.4, etc. Includes stations like IVA, TRB, BRY, etc.

TRN 01 00:48:23.6, 18°40'N, 64°81'W, h105km, NEIC 01 00:48:25.0+0.6, 18°41'N, 02°64'85W, 0.05, h107km, 5km, Error ellipse: s-maj=26.1km s-min=6.5km az=186.0, RSPR 01 00:48:26.4, 18°36'N, 64°87'W, h103km, MD3.5/16, ISC 01 00:48:24.5+1.4, 18°39'N, 00°64'83W, 0.03, h112km, 6km, n79, c0953/92, 17C-2D, Virgin Islands

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

Table with columns: Station Name, Az, Op, Phase ID, Time, Res. Includes stations like NGZ, NNVS, ETVZ, DMVZ, etc.

Table with columns: Station Name, Az, Op, Phase ID, Time, Res. Includes stations like NGZ, NNVS, ETVZ, DMVZ, etc.

WEL 01 02:09:34.3:0.5,44'S x 17°13'E, h4km, M3.4/19, ML3.6/14, MLV3.4/19, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like NNBS, MOZ, KCZC, etc.

IDD 01 02:12:32.9:0.6,37°22'N:141°53'E, h0km, mb4.0/18, mbmp4.0/24, ML3.7/6, MS3.5/1, Error ellipse:

NIED 01 02:12:35.3:0.7,37°24'N:141°56'E, h34km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm;

JMA 01 02:12:35.3:0.2,37°21'N:141°06'E, h10km, 1km, MD4.2/39, MV4.5/39, E OFF FUKUSHIMA PREF

JMA Felt J1 at E OFF FUKUSHIMA PREF

ISC 01 02:12:33.6:1.7,37°19'N:141°06'E, h9km, 10km, n67, r156/46, mb4.1/19, 1C-6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Kawauchi, JFJK, JFKA, etc.

Table with columns: Station Name, Az, Op, Phase ID, Time, Res. Includes stations like H1N1, H1N3, H1S1, H1S3, H1S2, ZALV, etc.

RSNC 01 02:18:29.4:1.0,6°79'N-73°14'W, h148km, 4km, ML3.3, Mw3.8, 4C-4D, Fault plane solution: NP1-Phi 0.00000°, 83.00000°, lambda-62.00000°, Northern Colombia

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

WEL 01 02:05:16.9:0.3,42°S x 17°42'E, h5km, M3.2/32, ML3.6/14, MLV3.2/32, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like KHZ, BSWZ, CMZC, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like JMK, JYA, JYK, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MACC Macarena, Meta, URIC Uribia, GARC Garzon, Huila.

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

IDC 01 02:23:21.0, 1.0, 3.39S; 149.01E, h0km, mb4.0/6, mbmp4.0/8, ML 1.6/1, MS3.8/4, Error ellipse: s-maj=26.5km s-min=20.3km az=96.0...

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, HNR Honiara, CTA Charters Towers, GUMO Guam, WRA Warrungarra Arr, ASAR Alice Springs, DZM Mont Dzumac, H11S3 WAKE ISLAND, H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, H11N1 WAKE ISLAND, H11N3 WAKE ISLAND, H11N2 WAKE ISLAND, SONM Songoing Array, MKAR Makanchi Array, ILAR Eielson Array.

IDC 01 02:24:07.1-0.7, 26.99S; 71.15W, h0km, mb4.4/8, mbmp4.3/12, ML3.9/4, MS3.8/10, Error ellipse: s-maj=25.1km s-min=17.2km az=89.0...

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AC06 Mina Casimiro, G003 Copiap, AC01 Pan de Azucar, AC04 Llanos de Chal, AC05 El Transito, AC05 El Transito, AC05 El Transito.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AC02 Maricunga, AC02 Maricunga, AC02 Maricunga, AC02 Maricunga.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LCO Las Campanas, G002 Mina Guanaco, G002 Mina Guanaco, G002 Mina Guanaco.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CO05 La Serena, CO05 La Serena, CO01 Juntas del Tor, CO01 Juntas del Tor.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like G004 Tololo Observa, G004 Tololo Observa, G004 Tololo Observa, G004 Tololo Observa.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AROD Rodeo, CO06 Fray Jorge, CO06 Fray Jorge, CO06 Fray Jorge.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PB15 IPOC Station P, PB15 IPOC Station P, PB15 IPOC Station P, PB15 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AC15 CERRO LA CRUZ, AC15 CERRO LA CRUZ, AC15 CERRO LA CRUZ, AC15 CERRO LA CRUZ.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PB06 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CFA Coronel Fонтен, CFA Coronel Fонтен, CFA Coronel Fонтен, CFA Coronel Fонтен.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CPUP Villa Florida, ITQB Itaqui, ITQB Itaqui, ITQB Itaqui.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BBS0 Serra de San D, UNIS Unistada, UNIS Unistada, UNIS Unistada.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AMBA Amambal, ADOB Aoudouana, ADOB Aoudouana, ADOB Aoudouana.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CPBS Casapara Do Su, PLTB Pedras Altas, PLTB Pedras Altas, PLTB Pedras Altas.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TRCB Terra Rica, VILB Vilhena, VILB Vilhena, VILB Vilhena.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ETMB Extrema, ETMB Extrema, ETMB Extrema, ETMB Extrema.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CZSB Cruzeiro do S, CZSB Cruzeiro do S, CZSB Cruzeiro do S, CZSB Cruzeiro do S.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DVLD Dovelândia, ITHB Iturama, ITHB Iturama, ITHB Iturama.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BDFB Brasilia, BDFB Brasilia, BDFB Brasilia, BDFB Brasilia.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SP1G San Pedro Mart, CPBX Cerro Prieto, EI Chinero, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like C1S Catalina Islan, BBRC Big Bear Solar, BFSC Mount Baldy Ra, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like TROLL Troll, Antarti, SNAAS Snaae, ILAR Eielson Array, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PTGB Pitanga, ETMB Extrema, SALV Santo Antonio, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KRSC 01 04:30:51.5-1.7, East of Kuril Islands.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RNSC 01 04:46:09.5-1.7, East of Kuril Islands.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ZARC comp=Z,514nm,0.3s, NORC Norcasia, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WEL 01 04:48:01.9-0.3, New Zealand.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KHEZ Kahui Hut, FOZ Fox Glacier, etc.

INET 01 04:50:52.7-1.4, 9.92N-83.75W, h3km, 11km, ML2.6

UCR 01 04:50:53.6-1.9, 9.91N-83.80W, h3km-2km, MW3.7

ISC 01 04:50:53.6-1.9, 9.94N-0.03, h3.78W-0.03, h11km, 5km, n29, o084/43, 6C-3D, Costa Rica

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

IDC 01 05:03:52.3-0.7, 37.14N-141.38E, h0km, mb3.8/13, mbmp3.8/15, ML2.8/2, MS2.2/1, Error ellipse:

s-maj=20.9km s-min=16.8km az=107.0, JMA 01 05:03:54.0-0.2, 37.22N-141.17E, h28km, 1km, etc.

ISC 01 05:03:52.2-0.2, 37.18N-104.41E, h155E-0.07, h0km, 12km, n40, i123/34, mb3.8/13, Near east coast of eastern Honshu

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

1d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like YUK, RUSJ, ASAJ, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KSRs, GCSA, Q16K, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MCK, WAT1, WRH, etc.

HHC	Hu-ho-hao-te	33.37	269	eP	P	05 22 52.1	-1.0
HHC	comp=Z,36nm,0.8s			pmax	pmax		
YKC	comp=Z,170nm,5.8s			pmax	pmax		
HUC3	Moose Creek	33.55	49	P	P	05 22 55.3	+0.7
HUC3	baz=283						
HNS	HongShan	33.57	261	jp	P	05 22 55.7	+1.0
HNS	comp=Z,41nm,1.0s			pmax	pmax		
ZAK	Zakamensk	33.58	289	eP	P	05 22 54.5	-0.3
ZAK	comp=Z,6.0nm,1.2s			pmax	pmax		
ZAK	comp=Z,7.0nm,1.3s			pmax	pmax		
DAWY	Dawson	33.60	45	P	P	05 22 55.5	+0.7
DAWY	baz=280,SNR=9.6						
JOW	Kumigami	33.80	233	P	P	05 22 58.4	+1.5
JOW	comp=Z,16nm,0.3s,baz=101,slow=20,SNR=14			LR	LR	05 36 13.6	
JOW	comp=Z,24nm,20.1s,baz=72,slow=35						
JOW	comp=Z,16nm,0.3s						
I29M	Ogilvie Camp	33.80	233	P	P	05 22 58.8	+1.9
I29M	comp=Z,23nm,0.8s						
I29M	Ogilvie Camp	33.85	42	P	Iamb	05 22 58.4	
I29M	baz=279,SNR=15						
O28M	Mount Upton	33.91	51	P	P	05 22 58.4	+0.7
O28M	baz=284						
YUK8	Steele Glacier	33.99	50	P	P	05 22 59.5	+1.1
YUK8	baz=284						
PINM	Pinnacle	34.05	52	P	P	05 22 59.7	+0.9
PINM	baz=285						
M29M	Somme Creek	34.33	48	P	P	05 23 01.8	+0.6
M29M	baz=283						
L29M	Liam	34.33	46	P	P	05 23 01.6	+0.4
L29M	baz=282						
EPYK	Eagle Plains	34.35	40	Iamb	Iamb	05 23 03.0	
EPYK	comp=Z,25nm,0.8s						
EPYK	Eagle Plains	34.35	40	P	P	05 23 01.5	+0.3
EPYK	baz=279,SNR=11						
H1S1	WAKE ISLAND Hy	34.37	165	T	T	05 58 40.4	
H1S1	baz=350,slow=76,SNR=433						
H1S3	WAKE ISLAND Hy	34.38	165	T	T	05 58 41.2	
H1S3	baz=350,slow=76,SNR=183						
H1S2	WAKE ISLAND Hy	34.39	165	T	T	05 58 41.7	
H1S2	baz=350,slow=76,SNR=183						
K29M	Barlow Dome	34.45	45	P	P	05 23 03.1	+0.9
K29M	baz=282						
G30M	Aoah Zraii Nji	34.46	39	P	P	05 23 03.0	+0.8
G30M	baz=278						
BTO	Baotou	34.46	270	eP	S	05 23 02.0	-0.5
BTO	comp=Z,530nm,6.1s			LR	LR	05 28 23.6	+1.1
BTO							
YUK4	Talbot Arm	34.50	50	P	P	05 23 03.1	+0.3
YUK4	baz=284						
PNL	Peninsula	34.58	53	P	P	05 23 03.6	+0.4
PNL	baz=286						
YUK6	Outpost Mounta	34.73	50	P	P	05 23 05.2	+0.4
YUK6	baz=285						
O29M	Mount Kennedy	34.80	51	P	P	05 23 06.1	+0.8
O29M	baz=286						
M30M	Minto, Yukon	35.05	47	P	P	05 23 08.4	+1.1
M30M	baz=284						
HYT	Haines Junction	35.17	50	Iamb	Iamb	05 23 10.8	
HYT	comp=Z,24nm,1.1s						
HYT	Haines Junction	35.17	50	P	P	05 23 08.9	+0.4
HYT	baz=286						
N30M	Aishik Lake	35.20	49	P	P	05 23 08.6	0.0
N30M	baz=286						
INK	Inuvik	35.29	37	P	P	05 23 09.6	+0.5
INK	comp=Z,12nm,0.8s,baz=298,slow=6.9,SNR=52			PcP	PcP	05 25 37.2	+0.3
INK	comp=Z,4.2nm,0.7s,baz=308,slow=5.0,SNR=58			ScP	ScP	05 29 11.7	-0.4
INK	comp=Z,1.4nm,0.9s,baz=326,slow=5.7,SNR=30.0			LR	LR	05 40 12.6	
INK	comp=Z,41nm,21.2s,baz=250,slow=40						
INK	comp=Z,12nm,0.8s						
INK	Inuvik	35.29	37	P	P	05 23 10.3	+1.1
INK	comp=Z,19nm,1.1s						
INK	Inuvik	35.29	37	P	P	05 23 10.0	+0.8
INK	baz=279,SNR=12						
INK	Inuvik	35.29	37	P	P	05 23 10.3	+1.1
INK	comp=Z,19nm,1.1s			pmax	pmax		
F31M	Tsigehtichik	35.34	38	P	P	05 23 10.5	+0.8
F31M	baz=280,SNR=5.1						
P29M	Windy Craggy	35.40	52	P	P	05 23 11.3	+1.0
P29M	baz=288						
P30M	Million Dollar	35.63	51	P	P	05 23 13.6	+1.3
P30M	baz=287						
N31M	Braeburn, Yuko	35.79	49	Iamb	Iamb	05 23 15.4	
N31M	comp=Z,16nm,0.7s						
N31M	Braeburn, Yuko	35.79	49	P	P	05 23 15.2	+1.6
N31M	baz=284						
O30N	Mendenhall	35.85	50	P	P	05 23 15.3	+1.2
O30N	baz=287,SNR=6.6						
M31M	Drury Creek, Y	36.23	47	Iamb	Iamb	05 23 19.5	
M31M	comp=Z,16nm,0.8s						
M31M	Drury Creek, Y	36.23	47	P	P	05 23 18.8	+1.4
M31M	baz=286,SNR=7.5						
WHY	Whitehorse	36.45	50	Iamb	Iamb	05 23 22.1	
WHY	comp=Z,19nm,0.9s						
WHY	Whitehorse	36.45	50	P	P	05 23 20.9	+1.5
WHY	baz=288						
SKAG	Skagway	36.62	52	Iamb	Iamb	05 23 23.5	
SKAG	comp=Z,25nm,0.9s						
SKAG	Skagway	36.62	52	P	P	05 23 21.8	+1.2
SKAG	baz=289						
FARO	Faro, Yukon	36.69	47	P	P	05 23 22.1	+0.8
FARO	baz=287						
LYN	LuoYang	36.82	260	eP	P	05 23 23.3	+0.7
LYN	comp=Z,20nm,0.5s			pmax	pmax		
LYN	comp=Z,140nm,6.5s						
N32M	Quiet Lake	37.14	49	P	P	05 23 26.3	+1.2
N32M	baz=289						
A36M	Sachs Harbour	37.48	30	P	P	05 23 28.6	+0.9
A36M	baz=281,SNR=38						
MMPY	Sheldon Lake,	37.50	46	P	P	05 23 29.5	+1.4
MMPY	baz=288						
P33M	Teslin, Yukon	37.56	50	Iamb	Iamb	05 23 31.3	
P33M	comp=Z,20nm,1.1s						
P33M	Teslin, Yukon	37.56	50	P	P	05 23 30.0	+1.3
P33M	baz=290,SNR=5.7						
Q32M	Nakina River	38.27	52	P	P	05 23 36.4	+1.6
Q32M	baz=292						
C36M	Paulatuk	38.44	34	Iamb	Iamb	05 23 37.5	
C36M	comp=Z,15nm,0.7s						
C36M	Paulatuk	38.44	34	P	P	05 23 36.4	+0.6
C36M	baz=285,SNR=14						
R33M	Jennings River	38.73	51	P	P	05 23 40.2	+1.7
R33M	baz=292						
U33K	Whale Pass	38.95	56	P	P	05 23 41.5	+1.3
U33K	baz=295						
TGNT	Hyland Airport	39.19	47	P	P	05 23 44.0	+1.7
TGNT	comp=Z,21nm,SNR=9.5						
S34M	Telegraph Cree	39.22	53	P	P	05 23 44.7	+2.2
S34M	baz=285						
WRAK	Wrangell Islan	39.25	55	P	P	05 23 44.7	+2.3
WRAK	baz=295						
DLBC	Dease Lake	39.55	52	P	P	05 23 47.3	+2.0
DLBC	baz=294						
T35M	Bob Quinn	40.04	54	P	P	05 23 52.0	+2.7
T35M	baz=295,SNR=7.7						
LIRD	Liard River Hi	41.01	49	P	P	05 23 59.2	+1.9
LIRD	baz=295,SNR=5.8						
LZH	Lanzhou	41.07	269	eP	P	05 23 58.6	+0.4
LZH	comp=Z,16nm,0.7s			pP	pP	05 24 23.0	-0.8
LZH	comp=Z,16nm,0.7s			sP	sP	05 24 37.2	+0.6
LZH	comp=Z,16nm,0.7s			PcP	PcP	05 25 56.8	+1.1
LZH	comp=Z,16nm,0.7s			ScP	ScP	05 29 36.2	+1.3
LZH	comp=Z,31nm,1.1s			pmax	pmax		
GRNB	Grenville Isla	41.59	58	P	P	05 24 04.5	+2.4
GRNB	comp=Z,28nm,0.8s						
ENH	Enshi	41.61	258	P	P	05 24 02.2	-0.3
ZALV	Zalesovo Beam	42.16	303	P	P	05 24 05.7	-0.9
ZALV	comp=Z,2.3nm,0.5s,baz=56,slow=7.5,SNR=7.2			pP	pP		

ZALV	Zalesovo Beam	42.16	303	P	P	05 24 06.0	-0.7
ZALV	comp=Z,6.1nm,0.8s,baz=49,slow=6.8,SNR=8.9						
DGZ	Jazzator, Alta	42.90	296	P	P	05 24 12.3	-0.6
DGZ	comp=Z,2.3nm,0.5s			pmax	pmax		
EUNU	Eureka	43.05	13	P	P	05 24 14.8	+1.2
EUNU	comp=Z,25nm,0.8s			Iamb	Iamb	05 24 16.2	
BBB	Bella Bella	43.38	59	LR	LR	05 41 57.0	
BBB	comp=Z,39nm,18.8s,baz=260,slow=35						
RES	Resolute Bay	44.56	21	P	P	05 24 26.6	+1.0
RES	comp=Z,8.1nm,0.7s,baz=295,slow=7.9,SNR=9.2						
RES	Resolute Bay	44.56	21	P	P	05 24 26.6	+1.0
RES	comp=Z,8.1nm,0.7s			pmax	pmax		
YKA	Yellowknife Ar	44.62	41	P	P	05 24 26.8	+0.5
YKA	comp=Z,5.0nm,0.9s						
CD2	Chengdu	44.62	263	P	P	05 24 25.7	-1.1
CD2	comp=Z,8.1nm,0.7s			pP	pP	05 24 53.2	+0.5
CD2	CD2			S	S	05 30 51.8	-2.6
CD2	comp=Z,10.0nm,0.7s			pmax	pmax		
WMQ	Guiyang	46.05	289	eP	P	05 24 38.4	+0.5
GYA	Guiyang	46.08	256	eP	P	05 24 39.0	+0.6
GYA	comp=Z,23nm,0.8s			pmax	pmax		
KURK	Kurchatov	47.09	301	P	P	05 24 44.5	-1.3
KURK	comp=Z,28nm,0.9s			Iamb	Iamb	05 24 46.2	
KURK	Kurchatov	47.09	301	P	P	05 24 45.3	-0.6
KURK	comp=Z,28nm,0.9s			*PP	pP	05 25 13.5	+1.3
KURK	Kurchatov	47.09	301	P	P	05 25 15.7	-0.7
KURK	comp=Z,28nm,0.9s			pP	pP	05 24 43.4	-2.4
KURK	Kurchatov	47.09	301	P	P	05 25 12.4	+0.2
KURK	comp=Z,28nm,0.9s			pP	pP	05 24 45.3	-1.4
KURBB	Kurchatov Arra	47.19	301	P	P	05 25 13.4	+0.5
KURBB	comp=Z,11nm,0.5s,baz=63,slow=7.8,SNR=47			pP	pP	05 25 15.7	-0.6
KURBB	comp=Z,15nm,0.8s,baz=61,slow=7.4,SNR=7.6			PcP	PcP	05 26 15.7	-0.6
KURBB	comp=Z,1.6nm,0.3s,baz=39,slow=3.0,SNR=5.2						
CLRS	Cowichan Lake	47.35	61	P	P	05 24 49.2	+1.4
CLRS	comp=Z,11nm,0.5s						
MKAR	Makanchi Array	47.37	295	P	P	05 24 47.3	-0.8
MKAR	comp=Z,9.7nm,0.4s						
LLL	Lillooet	47.52	58	Iamb	Iamb	05 24 52.2	+0.9
BRDLA	Berland Loukou	47.50	52	Iamb	Iamb	05 24 53.5	
BRDLA	comp=Z,24nm,0.9s						
PGC	Sidney	47.81	61	P	P	05 24 53.1	+1.7
PGC	comp=Z,31nm,0.9s						
NLWA	Nelton Loukou	48.33	63	P	P	05 24 56.7	+1.2
PZH	PanZhiHua	49.02	261	P	P	05 25 00.1	-1.0
PZH	comp=Z,10.0nm,0.6s			pmax	pmax		
PZH	comp=Z,130nm,4.1s						

1d 6h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NVAR Mina Array Bea, DZM Mont Dzumac, MAW Mawson, etc.

MOS 01 06:05:14.3±1.1, 43.04N:145.41E, h109km, mb4.1/7, Error ellipse: s-maj=14.9km s-min=8.9km az=100.6
SKHL 01 06:05:15.2±0.5, 43.20N:145.30E, h87km, mb4.7/3, msha5.2/3
JMA 01 06:05:15.5±0.2, 43.11N:145.30E, h97km, mb4.7/3, msha5.2/3
JMA 01 06:05:15.5±0.2, 43.11N:145.30E, h97km, mb4.7/3, msha5.2/3
JMA 01 06:05:15.5±0.2, 43.11N:145.30E, h97km, mb4.7/3, msha5.2/3

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JKHN Kushiromanak, AKK Akkeshi, NMR Nemuro-Hokkai, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM Songino Array, H1N2 WAKE ISLAND, H1N1 WAKE ISLAND, etc.

KRNET 01 06:25:30.6±0.1, 39.13N:74.15E, mb3.7
SOME 01 06:25:30.2±0.2, 39.33N:74.08E, h9km
NNG 01 06:25:34.6±1.5, 39.37N:74.35E, h9km, mb4.2, mpv3.8, Error ellipse: s-maj=11.6km s-min=7.2km az=168.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OHH Osh, DRK Karamyk, NRR Naryn, etc.

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Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UCH baz=5.0, ARK Arkit, ARK baz=29, TRKS Terek-Say, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UZB, KPKS, SHLS, ARXS, etc.

NIC 01 06:26:09.4-0.0, 35.39N-31.53E, h12km, 1km, ML3.0/5
DDA 01 06:26:09.5-0.0, 35.49N-31.77E, h4km, 5km, ML2.4
ISC 01 06:26:11.3, 35.47N-31.75E, h13km, ML2.7/13
ISK 01 06:26:10.8-1.2, 35.51N-0.003-31.77E, h11km, 10km, n31, i167/52, Cyprus region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKMS, ALFC, GAZI, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC, UCR, SNET, CGG, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHM, UCH, DZA, etc.

2016 DEC

1d 6h

Table with columns for station ID, name, frequency, and other technical details. Includes stations like AB31, ABKAR, ABVAO, BVAO, BRVK, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like DMTO, RBK, ABTO, VRRH, RAYN, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like ARAO, ARCESS, VRAC, KRUC, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KHZ Kahutara, TCW Tory Channel, SNZO South Karori, etc.

SCB 01 07:09:40.41.1, 21.38S:66.67W, h235km±2km, ML3.6/3, Error ellipse: s-maj=4.8km s-min=4.0km az=0.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MOCB Mochara, YJA Favi, LVC Limon Verde, etc.

WEL 01 07:14:46.0.2.43 S:2.17*3E:1.5, h5km, M3.5/3, ML3.7/22, ML3.5/33, Error ellipse: s-maj=0.0km s-min=0.0km az=122.3, confirmed

NOU 01 07:14:45.5, 42.83S:172.92E, h6km, MLV4.0/12, South Island, New Zealand

ISC 01 07:14:46.4.0.9, 42.73S:0.03:172.88E:0.03, h15km, n91, ±155/95, South Island

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GVZ Greta Valley S, LTZ Lake Taylor, AMCZ Amberley, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PAWZ Paruwai Farm, FOZ Fox Glacier, KIWI Kapiti Island, etc.

INET 01 07:18:47.2.2.0, 9.95N:83.75W, h2km, ML2.4, UCR 01 07:18:48.1.1.4, 9.97N:83.81W, h3km, 1km, MW3.8

ISC 01 07:18:48.0.0.9, 9.95N:0.03:83.79W:0.03, h5km±7km, n27, ±0578/37, 3C-4D, Costa Rica

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RAFA San Rafael, Vo, HAYA Volcan Irazu, OCM Ochomogo, etc.

IDC 01 07:28:17.4.6.8, 4.40S:144.74E, h132km±75km, mb3.4/6, m12mp3.9/8, Error ellipse: s-maj=56.5km s-min=28.8km

ISC 01 07:28:14.7.1.0, 4.35S:0.1:144.6E:0.2, h100km, n8, ±0567/9, mb3.6/6, Near north coast of New Guinea

ISC 01 07:28:14.7.1.0, 4.35S:0.1:144.6E:0.2, h100km, n8, ±0567/9, mb3.6/6, Near north coast of New Guinea

ISC 01 07:28:14.7.1.0, 4.35S:0.1:144.6E:0.2, h100km, n8, ±0567/9, mb3.6/6, Near north coast of New Guinea

ISC 01 07:28:14.7.1.0, 4.35S:0.1:144.6E:0.2, h100km, n8, ±0567/9, mb3.6/6, Near north coast of New Guinea

ISC 01 07:28:14.7.1.0, 4.35S:0.1:144.6E:0.2, h100km, n8, ±0567/9, mb3.6/6, Near north coast of New Guinea

ISC 01 07:28:14.7.1.0, 4.35S:0.1:144.6E:0.2, h100km, n8, ±0567/9, mb3.6/6, Near north coast of New Guinea

ISC 01 07:28:14.7.1.0, 4.35S:0.1:144.6E:0.2, h100km, n8, ±0567/9, mb3.6/6, Near north coast of New Guinea

ISC 01 07:28:14.7.1.0, 4.35S:0.1:144.6E:0.2, h100km, n8, ±0567/9, mb3.6/6, Near north coast of New Guinea

ISC 01 07:28:14.7.1.0, 4.35S:0.1:144.6E:0.2, h100km, n8, ±0567/9, mb3.6/6, Near north coast of New Guinea

ISC 01 07:28:14.7.1.0, 4.35S:0.1:144.6E:0.2, h100km, n8, ±0567/9, mb3.6/6, Near north coast of New Guinea

ISC 01 07:28:14.7.1.0, 4.35S:0.1:144.6E:0.2, h100km, n8, ±0567/9, mb3.6/6, Near north coast of New Guinea

ISC 01 07:28:14.7.1.0, 4.35S:0.1:144.6E:0.2, h100km, n8, ±0567/9, mb3.6/6, Near north coast of New Guinea

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KBK Karagaybulak, KST Kastele, KST Kastele, etc.

INET 01 08:12:19.4.2.9, 9.93N:83.70W, h2km±17km, ML2.4, UCR 01 08:12:20.4.1.5, 9.97N:83.79W, h3km, 1km, MW3.6

ISC 01 08:12:19.4.2.9, 9.93N:0.04:83.76W:0.04, h6km±6km, n28, ±0564/35, 9C-1D, Costa Rica

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RAFA San Rafael, Vo, HAYA Volcan Irazu, OCM Ochomogo, etc.

NOU 01 07:57:59.7, 21.85S:169.88E, h0km, MLV4.0/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

ISC 01 07:57:59.7, 21.85S:169.88E, h0km, MLV4.0/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

ISC 01 07:57:59.7, 21.85S:169.88E, h0km, MLV4.0/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

ISC 01 07:57:59.7, 21.85S:169.88E, h0km, MLV4.0/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

ISC 01 07:57:59.7, 21.85S:169.88E, h0km, MLV4.0/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

ISC 01 07:57:59.7, 21.85S:169.88E, h0km, MLV4.0/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

ISC 01 07:57:59.7, 21.85S:169.88E, h0km, MLV4.0/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

ISC 01 07:57:59.7, 21.85S:169.88E, h0km, MLV4.0/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

ISC 01 07:57:59.7, 21.85S:169.88E, h0km, MLV4.0/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

ISC 01 07:57:59.7, 21.85S:169.88E, h0km, MLV4.0/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

ISC 01 07:57:59.7, 21.85S:169.88E, h0km, MLV4.0/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

ISC 01 07:57:59.7, 21.85S:169.88E, h0km, MLV4.0/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

ISC 01 07:57:59.7, 21.85S:169.88E, h0km, MLV4.0/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

SOMM	Songio Array	40.97 51 P	P	09 29 27.2 +0.7
SOMM	comp-Z, 3.9nm, 0.9s, baz=259, slow=9.5, SNR=18	LR		
ULN	Ulanbator	41.41 511j eP	P	09 29 51.6 +1.4
ULN	comp-Z, 5.0nm, 0.9s	pmax		
NB2	NORSAR Subarra	43.04 329 P	P	09 29 43.0 -0.2
NOA	NORSAR Array B	43.04 329 P	P	09 29 42.0 -1.1
NOA	comp-Z, 2.1nm, 0.9s, baz=116, slow=8.0, SNR=3.3	LR		
ARCES	ARCCESS Array B	43.14 344 P	P	09 29 44.1 +0.2
ARCES	comp-Z, 1.41nm, 18.6s, baz=174, slow=42	LR		
XAN	Xi'an	43.27 71 p	sp	09 29 44.6 -0.8
XAN	comp-Z, 1.5nm, 1.0s	pmax		
BTO	Baotou	43.37 62 eP	P	09 29 46.6 +0.4
BTO	comp-Z, 1.1um, 12.5s	LR		
LYN	LuoYang	46.07 70 eP	P	09 30 11.3 +3.7
LYN	comp-Z, 1.0nm, 1.0s	pmax		
OPO	Ambohidratampo	49.73 193 LR	LR	09 50 14.7
HIA	Hailar	49.88 491 eP	P	09 30 37.6 +0.6
HIA	comp-Z, 7.0nm, 0.9s	pmax		
ESDC	Sonseca Array	50.29 298 P	P	09 30 38.8 -1.5
ESDC	comp-Z, 3.2nm, 1.1s, baz=72, slow=1.1, SNR=8.7	PcP		
ESDC	comp-Z, 0.3nm, 0.4s, baz=41, slow=2.9, SNR=1.9	LR		
SPITS	Spitsbergen Ar	51.14 350 LR	LR	09 56 15.4
HEH	Heihe	54.76 48 eP	P	09 31 15.5 +2.3
YAK	Yakutsk	55.31 33 LR	LR	09 56 02.2
TIXI	Tiksi	55.56 21 LR	LR	09 57 05.3
TIXI	Tiksi	55.56 21 P	P	09 31 21.9 +3.3
TIXI	comp-Z, 8.3nm, 0.8s	IAMB		
TIXI	Tiksi	55.56 21 P	P	09 31 21.9 +3.3
TIXI	comp-Z, 8.0nm, 0.8s	pmax		
KSR5	Korea Array	57.62 63 P	P	09 31 32.9 -0.8
KSR5	comp-Z, 2.4nm, 0.8s, baz=270, slow=7.4, SNR=4.4	LR		
KLR	Kuldur	57.70 48 LR	LR	09 59 16.2
BORG	Borgarnes	58.19 330 LR	LR	10 01 05.5
LEM	Lembah	60.63 119 LR	LR	09 59 44.0
JNU	Nakatsue	61.22 67 LR	LR	10 02 50.2
TSUM	Tsumeb	62.54 223 LR	LR	09 59 10.1
TSUM	Tsumeb	62.54 223 P	P	09 32 07.9 +0.1
DBIC	Dimbokro	62.86 261 P	P	09 32 09.2 -0.8
DBIC	comp-Z, 2.0nm, 0.9s, baz=63, slow=7.2, SNR=14	LR		
DBIC	comp-Z, 1.45nm, 19.8s, baz=64, slow=38	LR		
DBIC	Dimbokro	62.86 261 P	P	09 32 09.8 -0.2
DBIC	Dimbokro	62.86 261 P	P	09 32 09.8 -0.2
KIC	Kosan Boka	62.92 261j eP	P	09 32 10.4 0.0
TIC	Toumou	63.01 261j eP	P	09 32 11.0 0.0
LBTC	Lobatse	63.05 213 LR	LR	09 59 15.7
LIC	Lamto	63.23 261j eP	P	09 32 12.4 -0.1
YSS	Yuzh-Sakhalins	65.41 49j eP	P	09 32 26.5 +0.3
YSS	comp-Z, 2.5nm, 1.3s	pmax		
SEY	Seymchan	65.50 30j eP	P	09 32 26.2 -0.4
SEY	comp-Z, 6.0nm, 1.0s	pmax		
MJAR	Matsushiro Arr	65.72 61 LR	LR	10 04 18.4
MA2	Magadan	65.86 34 LR	LR	10 03 02.4
ASAJ	Asahikawa	66.24 52 LR	LR	10 03 19.0
BOSA	Boshof	66.29 211 P	P	09 32 31.9 -0.3
BOSA	comp-Z, 1.2nm, 0.7s, baz=33, slow=6.4, SNR=3.0	LR		
SFJD	Kangerlussuaq	69.03 336 LR	LR	10 03 38.2
KAPI	Kappang	69.09 109 LR	LR	10 05 25.4
SUR	Sutherland	71.94 39 LR	LR	10 06 48.0
PETK	Petrovavlovsk	71.94 39 LR	LR	10 06 48.0
JCJ	Chichijima	72.56 69 LR	LR	10 08 11.8
RES	Resolute Bay	73.59 353 LR	LR	10 09 05.9
FRB	Frøiser Bay	76.97 338 P	P	09 33 35.1 -0.8
FRB	comp-Z, 7.6nm, 0.8s, baz=14, slow=4.5, SNR=6.3	LR		
A36M	Sachs Harbour	77.84 1 P	P	09 33 40.6 0.0
SCHO	Schefferville	82.57 331 LR	LR	10 12 51.3
COLA	College	82.96 111 eP	P	09 34 09.1 +0.8
ILAR	Gielson Array	83.20 10 P	P	09 34 08.8 -0.8
ILAR	comp-Z, 1.4nm, 0.8s, baz=270, slow=4.9, SNR=2.5	LR		
ILAR	comp-Z, 5.1nm, 20.3s, baz=276, slow=38	LR		
YKA	Yellowknife Ar	87.18 356 LR	LR	10 21 43.7
YKA	Yellowknife Ar	87.18 356 i P	P	09 34 27.8 -1.7
WRA	Warramunga Arr	89.19 114 P	P	09 34 38.4 -1.4
WRA	comp-Z, 3.2nm, 0.8s, baz=316, slow=4.1, SNR=7.9	LR		
WRAB	Tennant Creek	89.19 114 eP	P	09 34 38.7 -1.1
WRAB	comp-Z, 8.0nm, 0.9s	pmax		
ASAR	Alice Springs	90.86 117 P	P	09 34 46.0 -1.5
ASAR	comp-Z, 2.1nm, 0.7s, baz=299, slow=4.5, SNR=5.6	LR		
DLBC	Dease Lake	91.24 4 LR	LR	10 20 58.3
SADO	Sadowa	95.36 331 LR	LR	10 20 31.5
RCBR	Riachuelo	95.85 267 LR	LR	10 18 46.3
BBB	Bella Bella	97.57 3 LR	LR	10 25 29.1
MAW	Mawson	97.82 178 LR	LR	10 14 52.1
CTA	Charters Tower	98.88 108 LR	LR	10 25 30.5
TXAR	Lajitas Array	117.91 341 PKP	PKP	09 40 30.7 -0.1
CPUP	Villa Florida	123.22 257 PKP	PKP	09 40 38.9 -1.9

LPAZ	La Paz	128.59 273 PKP	PKP	09 40 51.0 -1.1
LPAZ	comp-Z, 1.3nm, 0.6s, baz=79, slow=4.8, SNR=4.3	LR		
LPAZ	comp-Z, 0.2nm, 0.6s, baz=26, slow=7.9, SNR=3.8	LR		
KLM 01 09:22:40.18, 141N, 145.93E, h74km, mb5.3				
DJA 01 09:22:48.61, 2.19'N, 7.14'W, h179km, gkm, M5, 1/35, m85.5/13, mb5.1/35, MLV5.4/1, MWMB5.0/13				
BUJ 01 09:22:50.50, 0.0, 18.55N:145.98E, h226km, mb4.5/30, mb4.9/15				
ISC-EH 01 09:22:51.4, 18.58N:145.70E, h199km, km, Error ellipse: s-maj=2.9km s-min=1.8km az=107.0				
IDC 01 09:22:52.20, 4.1, 18.57N:145.64E, h216km, 3km, mb4.3/44, mbmp4.9/48, Error ellipse: s-maj=8.7km s-min=5.4km az=89.0				
NEIC 01 09:22:53.51, 1.9, 18.62N:0.06:145.7E:0.1, h213km, 6km, mb4.9/271, Error ellipse: s-maj=15.0km s-min=8.7km az=82.0				
ISC 01 09:22:51.30, 4, 18.65N:0.03:145.66E, h202km, 3km, h203km: p-P, n653, o18/36/580, mb4.9/190, Mariana Islands				
Code	Station Name	Δ° AZ'	Phase ID	Time Res h m s ISC
GUMO	Guam	5.09 189	Op Pn	09 24 06.5 -0.5
GUMO	103nm, 0.3s, baz=48, slow=3.1, SNR=22.2	S		
GUMO	583nm, 0.3s, baz=24, slow=19, SNR=9.5	S		09 25 40.7 -1.4
GUMO	Guam	5.09 189	Pn	09 24 08.4 +1.5
GUMO	53nm, 0.3s, baz=114, slow=17, SNR=12	S		09 24 59.0 +7.2
JCJ	Chichijima	9.00 340	Pn	09 26 32.9 -5.6
JCJ	263nm, 0.8s, baz=105, slow=23, SNR=8.0	S		09 24 57.7 +0.2
JCJ	Chichijima	9.00 340	Pn	09 26 36.0 -2.5
JHJ	Mitsune	15.33 341 P	P	09 26 19.1 +1.5
JHJ	Hachiojima 2	15.34 341 P	P	09 26 16.9 -0.7
JHJ	112nm, 0.7s, baz=108, slow=20, SNR=1.8	S		
JHJ	59nm, 0.5s, baz=90, slow=20, SNR=1.5	S		09 29 09.3 +1.5
PATS	Pohnpei	17.02 132 P	P	09 26 36.0 -0.4
JOW	Kunigami	17.97 300 P	P	09 26 47.5 +0.8
JOW	24nm, 0.4s, baz=115, slow=16, SNR=4.2	Pn		
JOW	Kunigami	17.97 300 P	P	09 26 46.9 +0.7
JOW	Matsushiro	19.00 341 P	Pn	09 26 51.0 +2.1
JNU	Inuyama	18.32 337 P	P	09 26 55.4 +2.6
JMN	Monobe	18.34 327 P	P	09 26 50.7 0.0
JGF	Kuroka	18.42 338 P	P	09 26 53.0 -1.1
JGF	Kuroka	18.42 338 P	P	09 26 53.9 -0.2
MJAR	Matsushiro Arr	19.00 341 P	P	09 26 58.4 +0.7
MJAR	5.1nm, 0.6s, baz=171, slow=10, SNR=17	S		
MJAR	0.7nm, 0.4s, baz=130, slow=14, SNR=1.6	P		09 30 15.1 -7.4
MAJO	Matsushiro	19.00 341 P	Pn	09 26 53.5 -4.3
MAJO	Matsushiro	19.00 341 P	P	09 27 00.9 -0.1
MJB9	Matsu-Tunnel	19.00 341 P	P	09 26 54.2 -3.6
JNU	Nakatsue	19.58 320 P	P	09 27 05.4 +1.3
JMM	Marumori	19.61 348 P	P	09 27 07.0 -1.2
JHS	Saijyu	19.73 328 P	P	09 27 08.2 +0.1
JHS	Saijyu	19.73 328 P	P	09 27 10.1 +0.4
H1S3	WAKE ISLAND Hy	19.94 87 T	T	09 48 16.2
H1S1	WAKE ISLAND Hy	19.95 87 T	T	09 48 13.6
H1S2	WAKE ISLAND Hy	19.95 87 T	T	09 48 14.1
H1N1	WAKE ISLAND Hy	20.09 84 T	T	09 48 28.5
H1N2	WAKE ISLAND Hy	20.09 83 T	T	09 48 31.1
H1N3	WAKE ISLAND Hy	20.10 83 T	T	09 48 49.9
JSD	Sado	20.37 343 P	P	09 27 13.8 +1.4
MANU	Manus Island	20.63 175 P	P	09 27 15.8 +0.4
GENI	Geniyem	21.79 195 P	P	09 27 26.9 -0.5
GENI	263nm, 0.6s	P		
GENI	Geniyem	21.79 195 P	P	09 27 28.6 +1.2
JTM	Temnabayashi	22.41 351 P	P	09 27 35.1 +2.0
JTM	Temnabayashi	22.41 351 P	P	09 27 35.1 +2.0
YULB	Yu-Ii	23.21 286 P	P	09 27 41.9 +1.4
YULB	Yu-Ii	23.21 286 P	P	09 27 42.6 +2.1
YHNB	Yeheng	23.33 289 P	P	09 27 43.4 +1.8
YHNB	Yeheng	23.33 289 P	P	09 27 43.6 +1.9
SSLB	Suanguang	23.57 287 P	P	09 27 45.6 +1.8
SSLB	Suanguang	23.57 287 P	P	09 27 47.7 +3.9
RABL	Rabaul	23.58 164 P	P	09 27 43.2 -0.7
RABL	Rabaul	23.58 164 P	P	09 27 44.2 +0.3
KRVT	Keravat (AS076)	23.66 164 P	P	09 27 43.7 -0.8
SIJI	Sorong	24.00 218 P	P	09 27 47.5 -0.3
SIJI	26nm, 0.7s, baz=31, slow=7.8, SNR=13	P		
KSR5	Korea Array	24.34 324 P	P	09 27 50.7 +0.2
KSR5	3.3nm, 0.6s, baz=145, slow=9.0, SNR=11	pP		
FAKI	Fak Fak	25.17 213 P	IAMB	09 27 58.6 +0.3
FAKI	comp-Z, 2.5nm, 0.7s	P		
FAKI	Fak Fak	25.17 213 P	P	09 27 57.9 -0.4
JKA	Kamikawa-asahi	25.52 305 P	P	09 28 03.2 +2.1
NJ2	Nanjing	27.57 354 eP	P	09 28 20.6 +1.0
PMG	Port Moresby	27.91 177 P	P	09 28 22.0 -0.8
PMG	comp-Z, 2.4nm, 0.6s, baz=347, slow=4.8, SNR=12	P		
PMG	Port Moresby	27.91 177 P	P	09 28 21.6 -1.2
PMG	Port Moresby	27.91 177 P	P	09 28 22.5 -0.3
PMG	Port Moresby	27.91 177 P	P	09 28 22.7 -0.1
USRK	Ussuriysk Arr	27.94 339 P	P	09 28 23.4 +0.7
SANI	Sanana	28.24 225 P	P	09 28 26.7 +1.0
SANI	28nm, 0.7s, baz=170, 0.6s	P		
SANI	Sanana	28.24 225 P	P	09 28 27.0 +1.3
MRSI	Marisa	29.46 235 P	P	09 28 37.2 +0.6
MYLDM	Lahad Datu	29.69 247 P	IAMB	09 28 41.7 +3.2
MYLDM	comp-Z, 1.8nm, 0.6s	IAMB		
TOLIZ	Toilitoi	29.99 237 P	IAMB	09 28 42.5 +1.2
TOLIZ	comp-Z, 1.8nm, 0.9s	IAMB		
TOLIZ	Toilitoi	29.99 237 P	P	09 28 42.4 +1.2
KKM	Kota Kinabalu	31.30 250 P	P	09 28 54.8 +1.9
SPMM	Sopulit	31.69 248 P	P	09 28 58.0 +1.8
COEN	Coen	32.49 184 P	P	09 29 02.2 +0.2
COEN	Coen	32.49 184 P	P	09 29 03.0 -0.1
KLR	Kuldur	32.51 343 P	P	09 29 03.2 +0.4
SPSI	Sidrap Palu	33.99 231 P	P	09 29 16.1 0.0
SPSI	comp-Z, 930nm, 0.8s	P		
BNSI	Bone	34.03 230 P	P	09 29 16.3 -0.2
MTN	Manuk Dam	34.41 206 P	P	09 29 20.4 +0.8
BKSI	Bulukumba	34.65 229 P	P	09 29 24.6 +2.8
KAPI	Kappang	34.71 230 P	P	09 29 23.8 +1.5
HEH	Heihe	34.74 339 eP	P	09 29 23.0 +0.9
HEH	comp-Z, 14nm, 1.0s	pmax		
SOEI	Soe	35.24 219 P		

1d 9h

KMBL	Kambalada	54.72	205	P	P	09 31 59.9 +0.1
JIRN	Jiri	54.97	291	eP	P	09 32 04.1 +1.8
GUN	comp-Z, 8.1nm, 0.4s					
ARPS	Mount Arapiles	55.23	291	eP	P	09 32 05.1 +1.0
MORW	Morawa	55.23	184	P	P	09 32 03.3 -0.1
MILA	Mia	55.39	212	P	P	09 32 05.2 +0.5
PKI	Pulchoki	55.50	177	P	P	09 32 05.2 -0.2
TOO	comp-Z, 5.3nm, 0.3s	55.67	291	eP	P	09 32 08.8 +1.6
TKI	Toolangi	55.92	180	P	P	09 32 08.6 +0.3
DMN	Daman	55.93	291	eP	P	09 32 10.5 +1.5
CHNG	Chignik	55.95	34	P	P	09 32 08.9 +0.7
ANM	Nome	56.26	23	P	P	09 32 11.1 +0.7
GKN	Gorkha	56.31	292	eP	P	09 32 12.9 +1.3
BLDU	Ballidu	56.34	210	P	P	09 32 11.7 +0.3
KLBR	Kellerberrin	56.58	209	P	P	09 32 14.1 +0.4
DANN	Dangasing	57.06	292	eP	P	09 32 18.6 +1.6
P16K	Nushagak River	57.06	31	P	P	09 32 16.8 +0.7
N16K	Nishilik Lake	57.21	29	P	P	09 32 18.5 +1.4
O16K	Kokwok River B	57.21	30	P	P	09 32 18.3 +1.2
CHIR	Chirikof Island	57.30	35	P	P	09 32 19.4 +1.6
R17K	Ugashik Creek	57.42	33	P	P	09 32 19.0 +0.4
Q16K	King Salmon	57.60	32	P	P	09 32 20.3 +0.5
MUN	Mundaring	57.71	210	P	P	09 32 21.8 +0.8
O17K	Koliganek Bris	57.75	30	P	P	09 32 22.1 +1.3
PYUN	Pluathan	57.76	292	eP	P	09 32 23.6 +1.8
Q17K	Contact Creek	57.86	32	P	P	09 32 22.5 +0.6
P17K	Kvichak River	57.87	31	P	P	09 32 23.1 +1.4
ZAAO	Zalesovo Array	58.03	323	P	P	09 32 23.4 +0.4
ZALV	Zalesovo Beam	58.03	323	P	P	09 32 22.1 -0.9
ZALV	comp-Z, 4.5nm, 0.6s, baz=100, slow=7.0, SNR=13					
NWAO	Narrogin (SRO)	58.04	208	P	P	09 32 23.8 +0.6
NWAO	Narrogin (SRO)	58.04	208	P	P	09 32 23.7 +0.5
NWAO	comp-Z, 3.9nm, 0.7s					
NWAO	Narrogin (SRO)	58.04	208	P	P	09 32 24.0 +0.8
NWAO	Narrogin (SRO)	58.04	208	P	P	09 32 23.8 +0.5
NWAO	Narrogin (SRO)	58.04	208	P	P	09 32 23.8 +0.5
SII	Sitkinak Island	58.27	34	P	P	09 32 25.7 +1.1
SII	Sitkinak Island	58.27	34	P	P	09 32 26.6 +2.0
Q18K	Katmai Hardscr	58.42	32	P	P	09 32 26.3 +0.6
MKAR	Makanchi Array	58.47	314	P	P	09 32 26.4 +0.2
MKAR	comp-Z, 5.4nm, 0.5s, baz=91, slow=7.7, SNR=81					
MKAR	comp-Z, 2.4nm, 0.7s, baz=82, slow=4.4, SNR=5.5					
P18K	Big Mountain,	58.53	31	P	P	09 32 26.8 +0.5
O18K	Koktuh Hills	58.68	30	P	P	09 32 28.6 +1.2
MAKZ	Makanchi	58.69	314	P	P	09 32 28.6 +1.0
MAKZ	comp-Z, 9.4nm, 0.5s					
MAKZ	Makanchi	58.69	314	P	P	09 32 28.2 +0.5
MAKZ	Sparrevohn	58.89	29	P	P	09 32 31.5 +1.1
OHAK	Old Harbor	58.92	34	P	P	09 32 30.6 +1.7
OHAK	Old Harbor	58.92	34	P	P	09 32 29.9 +1.0
O19K	Port Alsworth	59.20	30	P	P	09 32 32.2 +1.3
N19K	Bonanza Creek	59.31	30	P	P	09 32 32.8 +1.0
TTA	Tatalina	59.31	27	P	P	09 32 32.7 +1.0
GLAD	Gladstone	59.37	178	P	P	09 32 32.4 +0.2
L19K	White Mountain	59.57	28	Iamb	Iamb	09 32 36.2
L19K	White Mountain	59.57	28	P	P	09 32 34.6 +1.1
P19K	Oil Pt	59.58	31	P	P	09 32 34.4 +0.8
GCSA	Galena City Sc	59.61	25	P	P	09 32 34.8 +1.2
M19K	Big River Lodg	59.69	28	P	P	09 32 35.2 +0.9
Q20K	Shuyak Island	59.72	32	P	P	09 32 35.5 +1.0
OUZ	Ouzuk	59.78	154	Iamb	Iamb	09 32 37.8
OUZ	Omahuta	59.78	154	P	P	09 32 36.6 +1.5
RSO	Redoubt South	60.03	30	P	P	09 32 37.5 +0.8
L20K	Farewell, AK	60.09	28	P	P	09 32 38.5 +1.5
M20K	Styx River	60.25	29	P	P	09 32 39.4 +1.3
K20K	Telida	60.29	27	P	P	09 32 39.5 +1.2
N20K	Mount Spurr	60.48	29	P	P	09 32 40.9 +1.1
SPCR	Spurr Chakacha	60.48	29	P	P	09 32 40.9 +1.1
J20K	Nowinta River	60.52	26	P	P	09 32 42.0 +2.1
MOO	Moorlands	60.80	179	P	P	09 32 41.8 -0.1
BRSE	Bradley Lake S	60.82	31	P	P	09 32 42.7 +0.7
PPLA	Purkypile	60.96	28	Iamb	Iamb	09 34 19.0
PPLA	Purkypile	60.96	28	P	P	09 32 44.0 +1.0
SKT	Skwentna	61.01	29	Iamb	Iamb	09 32 44.3
SKT	Skwentna	61.01	29	P	P	09 32 43.6 +0.4
CAST	Castle Rocks	61.16	27	P	P	09 32 45.8 +1.7
CAST	Castle Rocks	61.16	27	P	P	09 32 45.1 +0.9
CHUM	Lake Minchumir	61.20	26	P	P	09 32 46.0 +1.7
SUA	Susitna One	61.23	29	P	P	09 32 45.7 +0.9
TAU	Tasmania Unive	61.27	179	P	P	09 32 44.9 -0.1
KURK	Kurchatov	61.28	318	P	P	09 32 45.0 -0.2
KURK	Kurchatov	61.28	318	P	P	09 32 45.3 +0.1
KURB	Kurchatov Arra	61.33	318	P	P	09 33 31.1 +0.6
KURB	comp-Z, 6.0nm, 0.4s, baz=94, slow=7.4, SNR=86					
KURB	comp-Z, 2.0nm, 0.5s, baz=93, slow=4.5, SNR=4.7					
O22K	Cooper Landing	61.49	31	P	P	09 32 47.2 +0.9
SEW	Seward	61.53	31	P	P	09 32 48.1 +1.5
H21K	Melozitna Rive	61.54	24	Iamb	Iamb	09 32 49.5
H21K	Melozitna Rive	61.54	24	P	P	09 32 48.0 +1.3
G21K	Allakaket	61.55	23	P	P	09 32 47.7 +0.9
M22K	Willow	61.59	29	P	P	09 32 47.3 +0.3
RC01	Rabbit Creek A	61.62	30	P	P	09 32 48.1 +0.8
CUT	Chulitna	61.69	28	P	P	09 32 48.3 +0.6
KTH	Kantishna Hill	61.70	27	Iamb	Iamb	09 32 50.0
I21K	Tanana	61.72	25	Iamb	Iamb	09 32 50.6
I21K	Tanana	61.72	25	P	P	09 32 49.4 +1.6
F21K	Alatna River	61.80	23	P	P	09 32 49.3 +0.9
BPWA	Bear Paw Mtn.	61.82	26	P	P	09 32 49.7 +1.1

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TRF	Thorofore Moun	61.94	27	P	P	09 32 50.4 +0.8
TRF	comp-Z, 3.8nm, 1.1s					
TRF	Thorofore Moun	61.94	27	P	P	09 32 51.7
KUZ	Kuautunu	61.98	153	P	P	09 32 50.1 +0.5
PMR	Palmer	62.02	29	Iamb	Iamb	09 32 50.8 +0.9
PMR	Palmer	62.02	29	P	P	09 32 51.3
H22K	Ishlittina Cre	62.17	24	P	P	09 32 50.5 +0.6
MLY	Manley	62.18	25	Iamb	Iamb	09 32 52.2 +1.3
MLY	Manley	62.18	25	P	P	09 32 52.3
PWL	Port Wells	62.23	30	P	P	09 32 52.2 +1.4
KNK	Knik Glacier	62.29	30	P	P	09 32 52.3 +0.9
A21K	Barrow	62.35	18	P	P	09 32 52.7 +0.9
F22K	John River	62.37	23	P	P	09 32 53.6 +1.7
SML	Sawmill	62.44	29	P	P	09 32 53.5 +1.7
P23K	Montage Islan	62.52	31	P	P	09 32 54.0 +1.3
RND	Reindeer	62.56	27	Iamb	Iamb	09 32 55.2 +2.0
WAT1	Susitna Watana	62.56	28	P	P	09 33 29.5
MCK	McKinley	62.60	27	P	P	09 32 55.2 +0.6
MCK	McKinley	62.60	27	P	P	09 32 54.4 +0.6
E22K	Anaktuvuk Pass	62.71	22	P	P	09 32 55.1 +1.3
M23K	Glacier View	62.71	29	P	P	09 32 56.0 +1.6
TOZ	Talioa Road	62.72	154	P	P	09 32 56.7 +1.2
NEA2	Nenana	62.75	26	Iamb	Iamb	09 32 55.6 +0.8
NEA2	Nenana	62.75	26	P	P	09 32 56.9
I23K	Min Yukon-K	62.77	26	P	P	09 32 55.7 +0.9
WAT6	Susitna Watana	62.87	29	P	P	09 32 56.4 +1.6
H23K	Yukon River	62.88	25	Iamb	Iamb	09 32 56.8 +1.0
H23K	Yukon River	62.88	25	P	P	09 32 58.2
SCM	Sheep Creek Mo	62.91	29	P	P	09 32 57.2 +1.6
G23K	Bananza Creek	62.94	24	P	P	09 32 57.5 +1.6
COLD	Coldfoot	63.02	23	P	P	09 32 57.0 +1.6
COLD	Coldfoot	63.02	23	P	P	09 32 58.2 +1.8
HIZ	Haiti	63.11	155	P	P	09 32 57.9 +1.5
WHY	Wood River Hill	63.13	26	Iamb	Iamb	09 32 59.0 +1.6
DHR	Denali Highway	63.14	28	P	P	09 32 58.5
OPRZ	Ohinepanea	63.26	153	P	P	09 32 58.9 +1.5
CCB	Clear Creek Bu	63.30	26	Iamb	Iamb	09 32 59.2 +0.9
TCOL	CIGO, UAF Yank	63.32	26	Iamb	Iamb	09 33 34.1
TCOL	CIGO, UAF Yank	63.32	26	P	P	09 32 59.8 +1.3
COLA	College	63.33	26	P	P	09 32 59.7 +1.2
COLA	College	63.33	26	P	P	09 32 58.6 +0.2
D23K	Nanushuk River	63.37	21	P	P	09 32 58.0 +1.9
OMRZ	Omania	63.40	153	P	P	09 32 57.6 +1.6
EYAK	Cordova Ski Ar	63.43	31	P	P	09 33 00.4 +1.1
EYAK	Cordova Ski Ar	63.43	31	P	P	09 33 00.8 +1.6
E23K	Chandalar	63.43	31	P	P	09 33 01.0 +1.8
M24K	Tolsona, Glenn	63.49	29	P	P	09 33 01.6 +2.1
KLU	Klutina	63.50	30	P	P	09 33 01.3 +1.6
H24K	Noodor Dome	63.55	25	Iamb	Iamb	09 33 01.7 +1.9
H24K	Noodor Dome	63.55	25	P	P	09 33 02.3
H24K	Noodor Dome	63.55	25	P	P	09 33 01.1 +1.1
P20K	Poker Plat Res	63.56	26	P	P	09 33 00.5 +0.5
TARZ	Mount Tarawera	63.57	153	P	P	09 33 02.0 +1.5
VRZ	Vera Road	63.60	155	P	P	09 33 01.9 +1.4
HDA	Harding Lake	63.60	27	Iamb	Iamb	09 33 01.1
HDA	Harding Lake	63.60	27	P	P	09 33 00.4 +0.1
TOLK	Toolik Lake Re	63.66	22	Iamb	Iamb	09 33 02.6
TOLK	Toolik Lake Re	63.66	22	P	P	09 33 03.4 +1.9
C23K	Ikliklik River	63.66	20	P	P	09 33 02.5 +1.9
ILAR	Eielson Array	63.71	26	P	P	09 33 00.5 -0.5
ILAR	comp-Z, 1.1nm, 0.6s, baz=251, slow=6.2, SNR=197					
HAZ	Te Kaha	63.73	152	P	P	09 33 34.4 -0.9
MXZ	Matakaoa Point	63.73	151	P	P	09 33 00.6 -0.8
MXZ	Matakaoa Point	63.80	151	P	P	09 33 00.7 -1.2
TWVZ	Taurava	63.83	154	P	P	09 33 02.9 +0.7
URJZ	Urewera	63.85	153	P	P	09 33 01.4 -0.8
RUGZ	Raukumara Rang	63.85	152	P	P	09 33 01.2 -1.2
AAK	Ala-Archa	63.87	309	P	P	09 33 03.1 +0.4
AAK	Ala-Archa	63.87	309	P	P	09 33 03.6 +0.9
E24K	Your Creek	63.88	22	P	P	09 33 01.4 -1.6
G24K	Hadezenzic Riv	63.91	24	P	P	09 33 04.1 +2.0
F24K	Squaw Lake	63.96	23	P	P	09 33 04.1 +1.8
PAX	Paxson	63.97	28	P	P	09 33 04.5 +1.9
K24K	Donnelly Dome	63.99	27	P	P	09 33 04.2 +1.1
SNVZ	South Ngauruho	64.01	154	P	P	09 33 04.1 +0.7
HARP	HARPO	64.01	29	P	P	09 33 04.6 +1.5
MRHZ	Matea Rd	64.03	154	P	P	09 33 03.0 -0.5
BMRM	Bremner River	64.05	31	P	P	09 33 04.5 +1.2
RTZ	Ruatuhuna	64.09	153	P	P	09 33 03.4 -0.5
N25K	Chitina, Valde	64.15	30	P	P	09 33 05.5 +1.5
PUZ	Puketiti	64.20	152	P	P	09 33 03.4 -1.1
QRZ	Quartz Range	64.22	158	P	P	09 33 05.0 +0.4
MTHZ	Maunder Tanaha	64.23	153	P	P	09 33 04.4 -0.3
C24K	Franklin Bluff	64.26	21	P	P	09 33 06.2 +1.7
BKZ	Black Stump Fm	64.34	154	P	P	09 33 05.1 -0.5
BKZ	Black Stump Fm	64.34	154	P	P	09 33 05.0 -0.5
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INX	baz=272 Inuvik comp=Z,18m,0.7s,ba=293,slow=5.6,SNR=98	69.43	23	P	P	09 33 37.1	0.0
INX	baz=274 Inuvik comp=Z,21m,0.8s	69.43	23	Iamb	Iamb	09 33 38.8	
INX	baz=288,SNR=20 Faro, Yukon baz=271,SNR=6.2	69.43	23	P	P	09 33 38.1	+1.0
N32M	Quiet Lake baz=272	69.43	31	P	P	09 33 40.3	+1.7
P33M	Teslin, Yukon baz=272	69.81	32	P	P	09 33 41.1	+1.4
Q32M	Nakina River baz=273	70.15	33	P	P	09 33 43.3	+1.4
MMPV	Sheldon Lake, baz=273	70.45	29	P	P	09 33 45.6	+2.1
R33M	Jennings River baz=274	70.79	33	P	P	09 33 47.7	+1.9
S34M	Telegraph Cree baz=274	70.82	34	P	P	09 33 47.1	+1.4
DLBC	Dease Lake comp=Z,11m,0.5s,ba=233,slow=5.1,SNR=17	71.36	34	P	P	09 33 49.7	+0.6
DLBC	comp=Z,6.5m,0.7s,ba=276,slow=3.1,SNR=3.4	71.36	34	Iamb	Iamb	09 34 04.0	+0.6
DLBC	Dease Lake comp=Z,31m,1.2s	71.36	34	P	P	09 33 51.9	
DLBC	Dease Lake baz=275	71.36	34	P	P	09 33 50.7	+1.6
T35M	Bob Quinn baz=276	71.38	30	P	P	09 33 50.7	+1.5
TGTM	Hyland Airport baz=276,SNR=11	71.94	30	P	P	09 33 53.9	+1.5
A36M	Sachs Harbour baz=275	72.14	19	P	P	09 33 54.7	+1.3
C36M	Paulatuk baz=277	72.81	22	P	P	09 33 57.9	+0.6
ARU	Arti comp=Z,9.9m,0.3s,ba=77,slow=3.7,SNR=12	73.08	325	P	P	09 33 59.2	-0.1
ARU	Arti comp=Z,13m,0.6s	73.08	325	P	Iamb	09 33 59.9	+0.6
PPT	Papeete comp=Z,22m,0.8s,ba=344,slow=7.4,SNR=2.4	73.13	116	P	P	09 34 00.5	+0.4
LIRD	Liard River HI baz=278,SNR=6.0	73.26	32	P	P	09 34 02.0	+1.8
ABKAR	Akbulak array ABKAR	73.35	317	P	Iamb	09 34 00.5	-0.4
WRGL	Wrigley comp=Z,10m,0.5s	73.94	28	P	P	09 34 05.8	+1.7
KOTAN	Kotanelee Air baz=280	74.17	31	P	P	09 34 07.2	+1.7
GEYT	Alibek comp=Z,5.4m,0.8s,ba=64,slow=3.4,SNR=6.3	76.90	306	P	P	09 34 20.0	-1.5
GEYT	comp=Z,3.7m,0.8s,ba=339,slow=3.7,SNR=3.3	76.90	306	P	P	09 34 23.8	+0.6
KIRV	Kirov comp=Z,13m,0.5s,ba=92,slow=2.2,SNR=4.2	77.76	38	Iamb	Iamb	09 34 27.6	
WAPA	Wapiti River comp=Z,35m,1.1s	77.76	38	Iamb	Iamb	09 34 27.6	
EUNU	Eureka comp=Z,19m,0.8s	77.78	8	Iamb	Iamb	09 34 27.4	
YKA	Yellowknife Ar comp=Z,18m,0.8s,ba=317,slow=5.7,SNR=26	78.05	28	P	P	09 34 27.3	0.0
YKA	comp=Z,4.0m,0.6s,ba=291,slow=5.7,SNR=35	78.05	28	P	P	09 35 18.2	-0.5
LON	Longmire comp=Z,18m,0.8s	78.35	45	Iamb	Iamb	09 35 51.5	
LTY	Liberty comp=Z,16m,0.6s	78.97	44	Iamb	Iamb	09 34 34.8	
YBH	Yreka Blue Hor comp=Z,9.8m,0.9s,ba=336,slow=4.5,SNR=22	79.02	50	P	P	09 34 34.2	+1.0
BRLDA	Berland Lookou comp=Z,32m,1.2s	79.08	37	Iamb	Iamb	09 34 35.4	
RES	Resolute Bay comp=Z,7m,0.7s	79.48	14	Iamb	Iamb	09 34 36.6	
BO8A	Colville Reser NOR	79.54	43	Iamb	Iamb	09 34 37.8	
NOR	comp=Z,20m,0.8s	79.54	357	i P	Iamb	09 34 34.9	-0.3
HAWA	Hanford comp=Z,16m,0.8s	79.96	44	Iamb	Iamb	09 34 40.3	
HSPB	Hornsud Bro D08A	80.14	350	eP	P	09 34 39.3	+0.9
D08A	Wollman Farm, comp=Z,18m,0.9s	80.17	44	Iamb	Iamb	09 34 41.4	
BELG	Belogoroye comp=Z,30m,0.8s,ba=148,slow=4.2,SNR=6.8	80.22	32	P	P	09 34 38.8	-0.4
E08A	Dider Farm, EI comp=Z,10m,0.7s	80.24	44	Iamb	Iamb	09 34 41.8	
C09A	Christman Ranch comp=Z,15m,0.7s	80.38	43	Iamb	Iamb	09 34 42.3	
ORV	Orville comp=Z,16m,1.0s	80.49	52	Iamb	Iamb	09 34 42.9	
MOD	Modoc Plateau comp=Z,19m,0.8s	80.70	49	Iamb	Iamb	09 34 44.4	
E09A	Wood Farm, Sta comp=Z,19m,0.7s	80.84	44	Iamb	Iamb	09 34 45.0	
NEW	Newport comp=Z,17m,0.9s,ba=286,slow=3.9,SNR=30	80.98	42	P	P	09 34 43.3	-0.1
NEW	comp=Z,3.7m,0.8s,ba=329,slow=8.6,SNR=2.7	80.98	42	P	P	09 35 34.3	-1.2
NEW	Newport comp=Z,16m,0.8s	80.98	42	P	Iamb	09 34 44.5	+1.0
NEW	Newport baz=288,SNR=16	80.98	42	P	P	09 34 44.7	+1.3
VADS	Vadso comp=Z,122m,1.3s	81.09	342	eP	Iamb	09 34 44.5	+1.0
BEKR	Beckworth comp=Z,25m,0.7s	81.24	51	Iamb	Iamb	09 34 47.2	
KLMR	Klimovskoe comp=Z,42m,2.2s	81.48	332	eP	AMP	09 34 41.1	-4.6
J08A	Circle Bar Ran comp=Z,14m,0.8s	81.56	47	Iamb	Iamb	09 34 49.0	
F10A	Beach Ranch, E comp=Z,39m,1.9s	81.61	44	Iamb	Iamb	09 35 40.8	
WVOR	Wild Horse Val comp=Z,15m,0.9s	81.73	48	Iamb	Iamb	09 34 49.8	
CMB	Columbia Colie comp=Z,13m,0.8s	81.76	53	P	Iamb	09 34 48.8	+1.0
BMO	Blue Mountains comp=Z,14m,0.8s	81.91	45	P	P	09 35 40.3	+0.8
BMO	comp=Z,14m,0.8s	81.91	45	P	P	09 35 40.3	+0.8
VNCR	Virginia City comp=Z,14m,0.8s	81.94	51	Iamb	Iamb	09 34 51.2	
WAKR	Walker comp=Z,15m,0.7s	82.33	52	Iamb	Iamb	09 34 53.4	
YERR	Yerington comp=Z,19m,0.8s	82.33	52	Iamb	Iamb	09 34 53.2	
ARAD	ARCES Array S ARCES Array B	82.53	342	eP	P	09 34 51.4	+0.3
ARCES	comp=Z,3.9m,0.6s,ba=79,slow=5.7,SNR=28	82.53	342	P	P	09 34 49.9	-1.2
TULEG	Thule comp=Z,26m,0.9s	82.77	8	Iamb	Iamb	09 34 54.0	
TULEG	Thule comp=Z,19m,0.5s	82.77	8	i P	Iamb	09 34 52.3	+0.1
SMMC	Simmler baz=288	82.87	55	P	P	09 34 54.3	+0.7
RHN	Ryan comp=Z,20m,0.8s	82.98	52	Iamb	Iamb	09 34 56.5	
LHV	Little Hunton comp=Z,16m,0.8s	83.11	52	Iamb	Iamb	09 34 57.4	
PKM	McPherson Peak baz=288	83.14	56	P	P	09 34 55.6	+0.4
KVN	Kaiserville comp=Z,23m,0.7s	83.16	51	Iamb	Iamb	09 34 57.3	
NVAR	Minna Array Bea comp=Z,23m,0.7s,ba=287,slow=5.8,SNR=185	83.20	52	P	P	09 34 56.5	+1.0
NVAR	comp=Z,3.9m,0.6s	83.20	52	P	P	09 35 47.5	-0.4

MFID	comp=Z,8.9m,0.9s,ba=276,slow=5.4,SNR=4.5	83.38	47	Iamb	Iamb	09 34 58.3	
YES	Camas Ranch comp=Z,20m,0.8s	83.42	55	P	P	09 34 56.8	+0.5
M50	Vestal Highgr baz=288	83.48	43	P	P	09 34 57.3	+0.7
KT1K	Missoula baz=290	83.49	342	eP	P	09 34 56.1	+0.1
NEEM	Kawakino North Greenlan	83.60	4	i P	Iamb	09 34 56.8	0.0
SNCC	comp=Z,20m,0.7s	83.88	57	P	P	09 34 58.8	+0.1
ISA	San Nicolas Is Isabella, Lake	83.94	55	P	P	09 34 59.3	+0.2
JETT	Jettan, Norway Cottonwood Cre	83.96	343	eP	P	09 34 58.4	0.0
CWC	comp=Z,17m,0.8s	84.31	54	P	P	09 35 02.7	+0.7
HLID	Hailey baz=290,SNR=13	84.30	46	P	P	09 35 02.1	+1.3
TRO	Tromso Danmarks Havn	84.31	344	eP	P	09 34 59.8	-0.3
DAG	Gold Mountain GMN	84.31	356	i P	Iamb	09 35 00.7	+0.7
GRAC	Grapevine Rang baz=289	84.36	53	P	P	09 35 03.2	+1.1
EDW2	Edwards Air Fo baz=292,SNR=9	84.56	55	P	P	09 35 03.0	+0.8
MPMC	Manual Prospec baz=289,SNR=12	84.57	54	P	P	09 35 03.6	+1.2
LRMC	Laurie Mtn Rad baz=289,SNR=13	84.61	55	P	P	09 35 03.7	+1.1
ELK	Elko comp=Z,17m,0.8s	84.68	49	P	Iamb	09 35 04.2	+1.3
FURC	Funao Cree baz=289,SNR=4	84.92	53	P	P	09 35 05.3	+1.5
WCT	Wildcat Mounta comp=Z,17m,0.7s	84.99	53	Iamb	Iamb	09 35 06.3	
TPNV	Topopah Spring baz=290,SNR=6	85.22	53	P	P	09 35 06.8	+1.2
R11A	Troy Canyon, C baz=290,SNR=13	85.25	51	P	P	09 35 07.0	+1.3
GSC	Goldstone, Bar Goldstone, Bar	85.35	54	P	P	09 35 06.7	+0.6
S11A	Rachel comp=Z,22m,0.8s	85.36	52	Iamb	Iamb	09 35 08.5	
BOZ	Bozeman (W) comp=Z,11m,0.7s	85.42	43	Iamb	Iamb	09 35 08.2	
BOZ	Bozeman (W) baz=292,SNR=21	85.42	43	P	P	09 35 07.5	+1.1
MURC	Murieta baz=289	85.61	56	P	P	09 35 08.2	+0.8
EGMT	Eagleton baz=293	85.68	41	P	P	09 35 08.5	+0.9
HEC	Hector,Ludlow baz=290	85.87	55	P	P	09 35 09.5	+0.8
109C	Camp Elliot, M baz=290	85.91	57	P	P	09 35 09.4	+0.5
SPR3	Spring Creek 3 comp=Z,9.9m,0.9s	85.94	50	Iamb	Iamb	09 35 11.7	
PRN	Pahroc Range comp=Z,19m,0.8s	85.97	52	Iamb	Iamb	09 35 11.5	
TUQ	Turquoise Moun baz=290,SNR=8.3	85.98	54	P	P	09 35 10.3	+1.0
YHB	YHB comp=Z,18m,0.8s	86.03	44	P	Iamb	09 35 11.0	+1.5
HVU	Hansel Valley HVU	86.06	47	Iamb	Iamb	09 35 12.0	
KBZ	comp=Z,22m,1.2s	86.15	315	P	P	09 35 09.0	-0.8
PFO	Khabaz comp=Z,3.9m,0.8s,ba=137,slow=2.1,SNR=6.2	86.18	56	P	P	09 35 10.9	+0.6
TPFO	Pinyon Flats O baz=290	86.19	56	P	P	09 35 10.9	+0.6
SHPR	Sheep Range Madison River	86.21	53	P	Iamb	09 35 11.9	+1.5
PMD	Palm Desert comp=Z,9.2m,1.1s	86.23	56	Iamb	Iamb	09 36 04.5	
GMRC	Granite Mounta baz=293,SNR=6.8	86.41	55	P	P	09 35 12.6	+1.2
BELC	Belle Mtn, Joe baz=290,SNR=5.2	86.41	55	P	P	09 35 12.4	+0.9
WTKN	Soaring Height comp=Z,6.7m,0.7s	86.42	53	Iamb	Iamb	09 35 13.5	
STEI	Steiger MON2ment Peak	86.45	343	eP	P	09 35 09.4	-1.3
PSUT	Pine Spring PSUT	86.46	51	P	Iamb	09 35 12.4	+0.8
SPUT	comp=Z,16m,0.8s	86.46	48	Iamb	Iamb	09 35 13.7	
H17A	Grant Village baz=293,SNR=7.6	86.57	44	P	P	09 35 15.4	+3.2
FLWY	Flagg Ranch comp=Z,14m,0.7s	86.61	45	Iamb	Iamb	09 35 15.0	
DUG	Dugway, Toole comp=Z,15m,0.7s	86.61	49	P	P	09 35 14.3	
V12A	Nelson comp=Z,19m,0.8s	86.70	54	Iamb	Iamb	09 35 15.1	
YMP	Mirror Lake Pl comp=Z,17m,0.7s	86.71	44	Iamb	Iamb	09 36 07.8	
IKP	In-Ko-Pah, Jac baz=290	86.78	57	P	P	09 35 14.1	+0.9
DBG	Daneborg comp=Z,3.3m,0.7s	86.81	356	i P	Iamb	09 35 11.8	-0.6
FAUS	Fauns Auburn Hatcher	86.82	343	eP	P	09 35 11.9	-0.6
LOHW	Low Hollow comp=Z,12m,1.0s	86.85	45	P	P	09 35 14.0	+0.5
FINES	FINES Array S comp=Z,4.4m,0.3s,ba=65,slow=4.9,SNR=57	86.91	335	P	P	09 35 10.8	-2.3
SWSC	San W. Stewart baz=290	86.93	56	P	P	09 35 14.8	+1.0
BC3	Big Chuckawall baz=290,SNR=6.3	86.96	56	P	P	09 35 15.2	+1.2
HWUT	Hardware Ranch comp=Z,9.7m,0.8s	86.96	47	Iamb	Iamb	09 35 15.9	
IRM	Iron Mountain baz=290,SNR=6.1	87.02	55	P	P	09 35 15.4	+1.2
RLMT	Red Lodge comp=Z,9.7m,0.6s	87.14	43	Iamb	Iamb	09 35 17.9	
RLMT	Red Lodge baz=294,SNR=13	87.14	43	P	P	09 35 17.1	+2.3
FFC	Flin Flon comp=Z,17m,0.9s	87.16	32	P	Iamb	09 35 14.8	+0.4
CCUT	Cedar City comp=Z,12m,0.8s	87.17	51	P	Iamb	09 35 16.1	+0.9
CTU	Maple Canyon comp=Z,11m,0.8s	87.18	48	Iamb	Iamb	09 35 16.8	
NLU	North Lily Mtn comp=Z,12m,0.9s	87.22	49	Iamb	Iamb	09 35 17.3	
TCUT	Toone Canyon comp=Z,14m,0.7s	87.26	47	Iamb	Iamb	09 35 17.2	
SZCU	Shurtz Canyon comp=Z,11m,0.7s	87.36	51	Iamb	Iamb	09 35 18.2	
JLU	Jordanelle comp=Z,14m,0.9s	87.42	48	Iamb	Iamb	09 35 18.3	
JLU	Little Creek M comp=Z,12m,0.9s	87.45	52	Iamb	Iamb	09 36 07.1	+2.2
MPU	Maple Canyon comp=Z,9.7m,1.1s	87.52	49	Iamb	Iamb	09 35 18.7	
UPNV	Upnevnik GLA	87.64	6	i P	Iamb	09 35 16.5	+0.1
GLA	Glamis comp=Z,12m,0.8s	87.66	56	Iamb	Iamb</		

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	
h	m	s	ISC	Op	ISC	h	m	s
TEGC	Jichi Village	0.06	187	iP		09 33 30.3	-0.1	
TEGC	baz=182			iS	Sb	09 33 35.2	+1.6	
TEYL	Yanliao Villag	0.11	24	iP		09 33 31.4	-0.4	
TEYL	baz=25			S	Sb	09 33 36.2	+1.9	
ESL	Shilin	0.12	294	iP		09 33 30.6	-0.2	
ESL	baz=285			S	Sb	09 33 33.8	-0.5	
EGFH	Guangfu	0.15	229	P		09 33 31.0	-0.1	
EGFH	baz=236			S	Sb	09 33 35.0	+0.2	
ETM	Tongmen	0.20	346	iP		09 33 31.7	0.0	
ETM	baz=339			S	Sb	09 33 35.9	+0.1	
HWA	Hwalien	0.21	14	eP		09 33 32.5	+0.6	
HWA	baz=26			eS	Sb	09 33 37.7	+1.7	
HGSD	Ruisui	0.30	203	eP		09 33 33.5	+0.6	
HGSD	baz=211			eS	Sb	09 33 40.2	+0.4	
TWD	Chiawan	0.32	8	iP		09 33 33.4	+0.2	
TWD	baz=358			S	Sb	09 33 38.8	+0.5	
EHY	Hungye	0.33	219	iP		09 33 33.2	-0.3	
EHY	baz=226			eS	Sb	09 33 38.4	-0.3	
VWDT	VWDT	0.37	268	eP		09 33 34.4	+0.4	
VWDT	baz=268			eS	Sb	09 33 40.6	+0.9	
ETL	Fush Village	0.40	10	P		09 33 34.7	+0.2	
ETL	baz=2.0			eS	Sb	09 33 41.3	+0.9	
NACB	Ninganchiao	0.41	6	P		09 33 34.5	-0.1	
NACB	baz=359			eP	Pb	09 33 34.4	-0.3	
NACB	baz=359			eS	Sb	09 33 40.6	0.0	
YULB	Yu-li	0.44	212	P		09 33 35.5	+0.4	
YULB	Yu-li	0.44	212	eP		09 33 34.6	-0.4	
ETLH	Xiulin Townshi	0.44	352	P		09 33 35.1	-0.1	
ETLH	baz=332			eS	Sb	09 33 41.3	-0.3	
CHGB	Renai	0.45	311	P		09 33 35.7	+0.2	
CHGB	baz=317			S	Sn	09 33 43.0	-0.9	
WUSB	Renai	0.45	300	P		09 33 35.7	+0.3	
WUSB	baz=300			eS	Sb	09 33 42.3	+0.3	
WHF	Hehuan Shan	0.46	326	P		09 33 35.5	-0.2	
WHF	baz=326			eS	Sb	09 33 42.0	-0.4	
EYUL	Yuli	0.47	207	eP		09 33 36.9	+0.3	
TWF1	Yuli	0.47	209	eP		09 33 35.2	-0.5	
SSLB	Suangleung	0.55	272	eP		09 33 36.8	0.0	
SSLB	baz=273			eS	Sb	09 33 44.3	-0.1	
FUSS	Fushou	0.55	330	eP		09 33 37.4	+0.2	
FUSS	baz=330			eS	Sb	09 33 45.0	+0.1	
WPL	Puli Township	0.59	294	eP		09 33 37.9	+0.3	
WPL	baz=300			eS	Sn	09 33 47.0	-0.2	
TDCB	Techi	0.60	324	eP		09 33 38.0	+0.2	
TDCB	baz=324			eS	Sb	09 33 46.4	+0.3	
SMLT	Sun Moon Lake	0.60	281	P		09 33 38.1	+0.3	
SMLT	baz=284			eS	Sb	09 33 47.2	-0.4	
FULB	Fuli	0.61	202	eP		09 33 38.6	-0.1	
YUS	Yu-Shan	0.61	243	eP		09 33 38.5	+0.3	
YUS	baz=243			eS	Sb	09 33 47.0	+0.3	
WHYT	Xinyi Township	0.64	264	eP		09 33 39.0	-0.1	
WHYT	baz=262			eS	Sn	09 33 47.8	-0.6	
TYC	Yuchr	0.65	282	eP		09 33 38.5	0.0	
TYC	baz=288			eS	Sn	09 33 48.3	-0.1	
WCS	Beigang Elemen	0.65	297	eP		09 33 38.0	-0.6	
WCS	baz=301			eS	Sb	09 33 47.2	-0.1	
NNSB	Datong	0.68	347	eP		09 33 39.1	+0.1	
NNSB	baz=347			eS	Sb	09 33 48.1	-0.1	
NNSH	Datong	0.68	347	eP		09 33 38.1	-0.9	
NNSH	baz=346			eS	Sb	09 33 46.8	-1.3	
ENA	Nanau	0.68	15	eP		09 33 38.9	-0.2	
ENA	baz=3.0			eS	Sb	09 33 48.6	+0.4	
CHKT	Chengkung	0.69	194	eP		09 33 39.3	+0.2	
CHKT	baz=204			eS	Sn	09 33 49.8	+0.4	
NNS	Nan Shan	0.69	347	eP		09 33 38.2	-1.1	
NNS	baz=347			eS	Sb	09 33 47.3	-1.2	
EHD	Haiduan	0.69	207	eP		09 33 39.0	-0.2	
EHD	baz=217			eS	Pb	09 33 37.9	-1.6	
EWUT	Wuta	0.71	17	eP		09 33 37.9	-1.6	
EWUT	baz=3.0			eS	Sb	09 33 47.9	-1.0	
ALS	Alishan	0.73	250	eP		09 33 40.3	-0.2	
ALS	baz=250			eS	Sn	09 33 50.6	-0.3	
WJS	Zhushan	0.75	274	eP		09 33 41.8	+1.2	
WJS	baz=275			eS	Sn	09 33 53.5	+2.4	
ELDTW	Lidau	0.75	220	eP		09 33 39.0	-1.4	
LATG	Datong	0.77	359	P		09 33 40.3	-0.3	
LATG	baz=358			eS	Sb	09 33 50.0	-0.7	
WNT	Mingjian	0.80	278	eP		09 33 42.6	+1.4	
WNT	baz=279			eS	Sn	09 33 54.3	+2.1	
CHNS	Tsauling	0.81	258	eP		09 33 41.5	0.0	
CHNS	baz=252			eS	Sn	09 33 53.7	+0.9	
EDH	Donghe	0.82	196	eP		09 33 41.5	0.0	
EDH	baz=208			eS	Sn	09 33 54.0	+1.2	
ENTH	Nioudou	0.87	1	eP		09 33 40.6	-1.6	
ENTH	baz=1.0			eS	Sb	09 33 52.7	-0.9	

2016 DEC

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	
h	m	s	ISC	Op	ISC	h	m	s
YHNB	Yeheng	0.91	350	P	Pn	09 33 42.8	-0.1	
YHNB	Yeheng	0.91	350	eP	Pb	09 33 43.0	0.0	
YHNB	baz=360			eS	Sn	09 33 55.3	+0.1	
TYW1	Liyutan	0.92	309	eP		09 33 44.5	+1.5	
NSK	Sanguang	0.92	349	eP		09 33 43.0	0.0	
NSK	baz=359			eS	Sb	09 33 54.4	-0.7	
STYH	Taoyuan	0.93	230	eP		09 33 42.3	-0.7	
STYH	baz=224			eS	Sb	09 33 54.5	-0.6	
WDLH	Douliu	0.93	265	eP		09 33 45.4	+2.1	
WDLH	baz=266			eS	Sn	09 33 57.3	+1.9	
LONT	Longtian	0.94	204	eP		09 33 41.8	-1.3	
STYT	Taoyuan	0.94	231	eP		09 33 43.6	+0.1	
STYT	baz=224			eS	Sn	09 33 56.9	+1.0	
NFF	Wufeng Townshi	0.95	336	eP		09 33 44.3	+0.7	
NFF	baz=335			eS	Sb	09 33 55.4	-0.4	
TPUB	Ta-pu	0.96	241	P		09 33 44.4	+0.6	
TPUB	Ta-pu	0.96	241	eP		09 33 43.9	0.0	
TPUB	baz=242			eS	Sn	09 33 58.5	+2.2	
CHN4	Tsashan	0.97	245	eP		09 33 44.1	+0.2	
CHN4	baz=246			eS	Sn	09 33 58.0	+1.6	
FUSB	Fushanzhiwuyua	0.99	2	eP		09 33 44.4	0.0	
FUSB	baz=353			eS	Sb	09 33 56.9	-0.1	
LIOB	Emei	1.00	331	eP		09 33 45.8	+1.3	
LIOB	baz=325			eS	Sb	09 33 58.9	+1.6	
TWK	Hsiinyang	1.09	243	eP		09 33 46.8	+0.7	
TWK	baz=243			eS	Sb	09 34 02.0	+2.0	
CHN1	Nanshi	1.10	238	eP		09 33 46.9	+0.7	
CHN1	baz=250			eS	Sb	09 34 03.0	+2.8	
CHN1	baz=250			eS	Sb	09 33 47.0	+0.5	
SGST	Jiashan	1.12	233	eP		09 34 02.9	+2.3	
SGST	baz=224			eS	Sb	09 34 02.9	+2.3	
TIPB	Shuangxi	1.23	12	eP		09 33 48.6	+0.3	
YOJ	Yonaguni jima	1.50	62	P	Pn	09 33 45.7	-5.2	

*IDC 01 09:37:22.9;0.7,4:34N;126.98E;h0km,mb4.0/13,mbmp4.0/14,ML3.5/1,MS2.9/3, Error ellipse: s-maj=37.8km s-min=13.5km az=66.0
DJA 01 09:37:30.0;0.7,4:14.5N;127.7E;h28km;5km,ML4.3/9,ML4.9/1,mb4.3/6,MLV4.2/8,MW(m)B4.2/1
MAN 01 09:37:33.0;4:02N;125.82E;h11km,mb4.6,ML3.4,MS3.3
ISC 01 09:37:25.3;0.7,4:19N;0.06;126.91E;0.08,h10km,n22,α156°/21,mb4.0/13,1C-1D,Talud Islands*

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	
h	m	s	ISC	Op	ISC	h	m	s
SGSI	Sangihe	1.47	250	P	Sn	09 37 53.4	+1.6	
SGSI	baz=250			S	Sn	09 38 11.4	+0.1	
KCP	Kidapawan	3.33	3271	eP		09 38 21.7	+4.2	
BUKP	Musuan	4.10	3331	eP		09 38 34.1	+6.0	
BUKP	baz=330			eS	Sb	09 39 26.8	-0.4	
GTOI	GORONTALO	5.26	228	P	Pn	09 38 46.3	+2.3	
GTOI	0.1nm;6.1m,1.1s			P	Pn	09 38 58.3	+1.6	
MRSI	Marang	6.18	233	P		09 39 04.8	+1.6	
MRSI	0.2nm;93.4nm;52m;0.7s			P	Pn	09 40 19.8	+0.7	
SIJI	Sijirang	6.65	139	Pn		09 40 19.8	+0.7	
SIJI	1.0nm,0.3s,baz=342,slo=19,SNR=1.8			Sn	Sn	09 40 19.8	+0.7	
SIJI	baz=0.0,slo=20			LR	LR	09 41 46.0		
SIJI	comp=2.68nm,20.5s,baz=274,slo=39.2,SNR=0.3s			LR	LR	09 41 46.0		
APSI	Ampana	7.30	226	P		09 39 13.7	+1.6	
KAPI	Kappang	11.61	218	LR	LR	09 45 08.9		
WRA	Warramunga Arr	25.07	163	P		09 42 49.5	-0.6	
WRA	1.9nm,0.7s,baz=343,slo=11,SNR=19.1,SNR=0.7s			P	P	09 43 20.8	-0.4	
ASAR	Alice Springs	28.52	166	P		09 46 33.9	+0.9	
ASAR	0.1nm,0.6s,baz=351,slo=7.9,SNR=6.8,0.2nm,0.3s			PcP	PcP	09 43 41.2	-0.2	
CMAR	Chiang Mai Arr	30.80	300	P		09 44 48.4	+0.5	
CMAR	1.0nm,0.4s,baz=67,slo=12,SNR=2.1,1.0nm,0.4s			P	P	09 44 48.4	+0.5	
STKA	Stephens Creek	38.50	160	P		09 45 00.5	-0.5	
STKA	1.9nm,0.6s,baz=344,slo=6.8,SNR=5.7,1.9nm,0.6s			P	P	09 45 55.1	-1.1	
USRK	Usreyak Arr	40.09	6	P		09 47 12.3	-0.9	
USRK	1.3nm,0.6s,baz=111,slo=14,SNR=1.3,1.3nm,0.6s			P	P	09 47 32.2	-1.2	
SONM	Songino Array	46.92	341	P		09 47 30.7	-3.0	
SONM	0.2nm,0.3s,baz=177,slo=8.7,SNR=2.1,0.2nm,0.3s			P	P	09 47 40.0	-1.9	
MKAR	Makanchi Array	57.28	325	P		09 47 38.7		

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

KRSC 01 10:57:30.4±2.5,55°10'N×164.77°E, h53km, 39km, ML3.6, Komandorsky Islands region

Main table listing stations in the Komandorsky Islands region with columns for Code, Station Name, Azimuth, Elevation, Power, Frequency, and other parameters.

IDC 01 11:15:05.1±2.1, 5°37'S-68°64'E, h0km, mb3.8/6, mbtmp3.8/6, MS2.9/1, Error ellipse: s-maj=64.8km

ISC 01 11:15:06.7±2.5, 55°03'N-68°03'E, h13km, n12, s-maj=11, mb4.0/8, Chagos Archipelago region

Main table listing stations in the Chagos Archipelago region with columns for Code, Station Name, Azimuth, Elevation, Power, Frequency, and other parameters.

IDC 01 11:20:10.7±1.6, 5°22'S-68°75'E, h0km, mb3.9/7, mbtmp3.9/7, MS3.2/6, Error ellipse: s-maj=51.2km

ISC 01 11:20:12.0±1.7, 5°35'N-68°03'E, h10km, n20, s-maj=12, mb4.0/8, MS3.2/5, 1C, Chagos Archipelago region

Main table listing stations in the Chagos Archipelago region with columns for Code, Station Name, Azimuth, Elevation, Power, Frequency, and other parameters.

ZALV Zalesovo Beam 60.53 11 P P 11 30 23.0 -1.1

Table listing stations ZALV, SONM, SONM, ASAR, WRA, KSR5, HFS, NVAR, TXAR, TXAR with their respective parameters.

IDC 01 11:23:37.0±2.6, 2°07'N-96°19'E, h0km, mb3.6/3, mbtmp3.6/4, MS2.4/1, Error ellipse: s-maj=69.9km

Main table listing stations in the IDC 01 11:23:37.0±2.6 region with columns for Code, Station Name, Azimuth, Elevation, Power, Frequency, and other parameters.

NOU 01 11:27:24.6±4.2, 78°S-173°21'E, h19km, MLV3.7/11, South Island, New Zealand

WEL 01 11:27:24.5±0.3, 43°32'N-17°3'E, h7km, 2km, MS3.2/37, ML3.5/17, MLV3.2/37, Error ellipse: s-maj=0.0km

ISC 01 11:27:24.7±0.9, 42°69'S-0°03'N-173°03'E-0°03', h15km, n108, s-maj=117/10, South Island

Main table listing stations in the New Zealand region with columns for Code, Station Name, Azimuth, Elevation, Power, Frequency, and other parameters.

Table listing stations BKZ, BKZ, HIZ, HIZ, MRHZ, MRHZ, TLZ, TLZ, MTHZ, MTHZ, MUGZ, MUGZ, TOZ, TOZ, AWAZ, AWAZ, SVYZ, SVYZ, RWGZ, RWGZ, ETAZ, ETAZ, RVAZ, RVAZ, MBZ, MBZ, WIAZ, WIAZ, PKGZ, PKGZ with their respective parameters.

LDG 01 11:30:53.0±0.1, 43°00'N-13°08'E, h10km, Md3.9/1, M13.5/29, Error ellipse: s-maj=3.3km s-min=1.9km az=48.0

ROM 01 11:30:53.3±0.0, 43°00'N-13°07'E, h0km, n1, s-maj=0.003, h9km, ML4.0/77, Mw3.9, Error ellipse: s-maj=0.2km

ISC 01 11:30:53.3±0.0, 43°00'N-13°07'E, h0km, n1, s-maj=0.2km s-min=0.1km az=72.0, Moment Tensor Solution - Moment tensor: Scale 10^14Nm, Mw=9.53, Mw=1.47, Mw=0.06; Mw=1.27, Mw=3.19; Mw=1.42; Fault plane solution: Mw=9.62871x10^14 Np1.162.00000°, 840.00000°, 1-84.00000°, NP2.334.00000°, 851.00000°, 1-95.00000°

MED_RC 01 11:30:53.0±0.4, 42°83'N-13°23'E, h13km, 2km, MW4.2/14, Moment Tensor Solution. Mantle waves: s14, c17; Duration: 1s0 Moment tensor: Scale 10^15Nm; Mw=1.77±.36; Mw=0.00±.22; Mw=1.77±.23; Mw=0.04±.50; Mw=0.65±.17; Mw=1.52±.47; Best double couple: Mw=4.20000x10^15 Np1.163.353.00000°, 865.00000°, 1-87.00000°, NP2.335.00000°, 827.00000°, 1-111.00000°, Principal axes: T: 49.00000°, Azm169.00000°; P: -2.35000°, P168.00000°, Azm283.00000°; nst1 refers to body waves. nst2 refers to surface waves, cutoff=35s.

PRU 01 11:30:54.9±0.0, 42°95'N-13°57'E, h10km

PDG 01 11:30:54.0±0.4, 43°00'N-13°06'E, h12km, ML3.8/12, Error ellipse: s-maj=0.3km s-min=0.5km az=0.0

BGR 01 11:30:55.9±0.6, 42°98'N-13°40'E, h10km, ML3.9/6, Error ellipse: s-maj=1.1km s-min=10.0km az=171.0

STR 01 11:30:56.5±2.2, 43°13'N-13°17'E, h10km, MLV3.9/18, Error ellipse: s-maj=0.0km s-min=0.0km az=105.7, preliminary

IDC 01 11:30:56.1±1.4, 43°28'N-13°31'E, h0km, mb3.8/5, mbtmp3.8/13, ML3.8/6, MS3.2/27, Error ellipse: s-maj=21.1km s-min=14.0km az=50.0

ISC 01 11:30:54.3±0.7, 42°98'N-10°01'-13°07'E-0°01', h7km, 4km, n344, s286/622, mb3.9/5, MS3.5/16, 52C-9D, Central Italy

Main table listing stations in the Central Italy region with columns for Code, Station Name, Azimuth, Elevation, Power, Frequency, and other parameters.

ASAR	Alice Springs	26.09 161	P	P	15 03 58.6	+0.6
ASAR		0.6nm,0.5s,baz=344,slow=12,SNR=23	PcP	PcP	15 07 25.6	-0.5
CTA	Charters Tower	29.73 136	LR	LR	15 18 06.3	
JCJ	Chichijima	30.86 31	LR	LR	15 19 17.5	
MKAR	Makanchi Array	58.70 327	P	P	15 08 22.0	0.0
		0.2nm,0.4s,baz=122,slow=6.2,SNR=4.5				
		0.2nm,0.4s				

IDC 01 15:03:19.7±434.0,47.62N:66.95E,h0km,Error ellipse: s-maj=197.0km s-min=149.6km az=180.0, Central Kazakhstan

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
I31KZ	AKTYUBINSK INF	6.49	299	I	Op	15 42 54.1	
I46RU	ZALESOVO INFRA 1.94	54	I			16 23 10.0	
I34MN	SONGIO INFRA 26.36	75	I			17 45 50.0	
I18DK	QANAAQ INFRA 52.36	49	I			20 55 00.0	

TAP 01 15:03:26.2,25°46'N,122°56'E,h280km,ML4.1,C
IDC 01 15:03:26.5,4.5,25.69N,122.56E,h272km,54km,mb3.0/B,
mbmp3.7/9,Error ellipse: s-maj=58.0km s-min=14.9km
az=62.0

JMA 01 15:03:29.9±0.2,25°N±2.2,122°E±0.7,h242km±2km,
MV4.0/15,TAIWAN REGION

ISC 01 15:03:26.2±0.8,25.50N±0.05,122.40E±0.03,h273km±5km,
n131,σ1927/209,mb3.2/8,1C,Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PCYT	Pengchayiu	0.32	293	Op	Pn	15 04 02.5	+1.2
TWB1	Santiao Chiao	0.62	217	iP	Pn	15 04 02.6	+0.5
TWB1				eS	S	15 04 31.9	+1.4
SX11	Grass Mountain	0.62	230	P	Pn	15 04 02.9	+0.7
SX11				eS	S	15 04 31.1	+0.4
NWF	Wu-fen Shan	0.71	233	P	Pn	15 04 03.3	+0.8
NWF				eS	S	15 04 30.7	-0.5
WFSB	Wu-fen Shan	0.71	233	P	Pn	15 04 03.3	+0.9
WFSB				eS	S	15 04 31.0	0.0
TIPB	Shuangxi	0.74	225	iP	Pn	15 04 02.9	+0.3
TIPB				eS	S	15 04 32.2	+0.8
TWY	Chenhua	0.76	253	P	Pn	15 04 03.6	+1.1
YM01	YM01	0.83	245	eP	Pn	15 04 04.1	+1.1
YM01				eS	S	15 04 32.0	0.0
ANP	Anpu	0.86	249	eP	Pn	15 04 04.5	+1.3
TWA	Mucha	0.90	235	eP	Pn	15 04 03.2	-0.1
TWA				S	S	15 04 32.5	0.0
ILA	ilan	0.94	219	eP	Pn	15 04 05.2	+1.8
ILA				eS	S	15 04 33.0	+0.1
NHHD	Xindian Distri	0.96	236	P	Pn	15 04 04.2	+0.7
NHHD				eS	S	15 04 33.4	+0.5
TWS1	Kuangyinshan	0.98	246	eP	Pn	15 04 04.7	+1.2
TWS1				eS	S	15 04 33.2	+0.1
TWC	Suao	1.02	210	iP	Pn	15 04 03.9	+0.1
TWC				iS	S	15 04 32.1	-1.5
TWE	Neicheng	1.02	221	iP	Pn	15 04 04.9	+1.1
TWE				eS	S	15 04 33.1	-0.5
FUSB	Fushanzhiwuyua	1.04	225	eP	Pn	15 04 04.6	+0.6
FUSB				eS	S	15 04 33.0	-0.9
NDS	Dongshan	1.06	216	eP	Pn	15 04 04.3	+0.2
NDS				eS	S	15 04 32.5	-1.5
NWLT	Wulai	1.09	229	eP	Pn	15 04 03.6	-0.6
NWLT				eS	S	15 04 32.0	-2.3
ENTT	Nioudou	1.14	222	P	Pn	15 04 04.2	-0.3
ENTT				eS	S	15 04 32.8	-2.1
YOJ	Yonaguni jima	1.17	152	eP	Pn	15 04 04.7	0.0
YOJ				S	S	15 04 31.7	-3.4
YOJ	Yonaguni jima	1.17	152	P	Pn	15 04 04.5	-0.2
EWUT	Wuta	1.19	208	P	Pn	15 04 04.5	-0.2
EWUT				S	S	15 04 33.4	-1.9
NCUH	Zhongli	1.22	244	eP	Pn	15 04 05.6	+0.7
NCUH				eS	S	15 04 34.3	-1.2
ENA	Nanau	1.23	209	iP	Pn	15 04 05.8	+0.8
ENA				eS	S	15 04 34.7	-1.0
YHNB	Yeheng	1.25	229	P	Pn	15 04 05.4	+0.3
YHNB				eS	S	15 04 33.4	-2.6
LATG	Datong	1.25	220	P	Pn	15 04 06.1	+0.8
LATG				S	S	15 04 34.9	-1.3
NNS	Nan Shan	1.41	222	eP	Pn	15 04 05.9	-0.4
NNS				eS	S	15 04 35.5	-2.6
NNSB	Datong	1.41	221	P	Pn	15 04 06.9	+0.6
NNSB				S	S	15 04 36.3	-1.7
NNSH	Datong	1.41	221	eP	Pn	15 04 06.1	-0.2
NNSH				eS	S	15 04 36.6	-2.5
NJD	Zhudong	1.41	238	eP	Pn	15 04 06.8	+0.7
NFF	Wufeng Townshi	1.45	234	eP	Pn	15 04 05.4	-1.0
NFF				eS	S	15 04 35.5	-2.9
ETL	Fush Village	1.51	208	P	Pn	15 04 07.1	+0.2
ETL				S	S	15 04 37.4	-1.8
NACB	Ninganchiao	1.51	209	P	Pn	15 04 06.8	0.0
NACB				eS	S	15 04 36.6	-2.5
NACB				S	S	15 04 07.7	+0.8
LIOB	Emei	1.52	236	P	Pn	15 04 07.7	+0.8
LIOB				eS	S	15 04 38.5	-0.6
ETLH	Xiulin Townshi	1.54	213	P	Pn	15 04 07.5	+0.3
ETLH				S	S	15 04 38.3	-1.2

NSTT	Nanjiang	1.54	236	iP	Pn	15 04 07.4	+0.4
NSTT				iS	S	15 04 37.7	-1.6
TWD	Chiawng	1.59	208	I	Pn	15 05 07.4	0.0
TWD				iS	S	15 04 38.1	-2.0
FUSS	Fushou	1.63	220	iP	Pn	15 04 08.8	+0.8
FUSS				S	S	15 04 40.3	-0.8
IRIF	Iriomote-Funau	1.68	134	P	Pn	15 04 08.8	+0.8
IRIF				eS	S	15 04 38.6	-2.5
TDCB	Techi	1.68	222	P	Pn	15 04 09.6	+1.3
TDCB				S	S	15 04 40.2	-1.3
HWA	Hwallien	1.68	206	P	Pn	15 04 08.8	+0.8
HWA				eS	S	15 04 40.3	-1.0
WHF	Hehuan Shan	1.70	218	P	Pn	15 04 09.5	+0.8
WHF				eS	S	15 04 40.7	-1.7
ETM	Tongmen	1.74	209	eP	Pn	15 04 08.4	-0.2
NMLH	Miaoili	1.75	237	eP	Pn	15 04 09.4	+0.8
NMLH				eS	S	15 04 41.7	-0.5
TEYL	Yanliu Villag	1.78	204	eP	Pn	15 04 08.3	-0.6
WHP	Taichung City	1.80	228	P	Pn	15 04 09.8	+0.7
WHP				S	S	15 04 42.0	-1.0
CHGB	Renai	1.82	218	P	Pn	15 04 10.5	+1.1
CHGB				eS	S	15 04 42.8	-0.9
NSY	Sanyi	1.84	234	eP	Pn	15 04 10.5	+1.1
NSY				eS	S	15 04 43.8	+0.3
TWQ1	Liyutan	1.87	232	P	Pn	15 04 10.1	+0.5
TWQ1				S	S	15 04 42.6	-1.4
ESL	Shilin	1.90	208	P	Pn	15 04 09.4	-0.4
ESL				eS	S	15 04 41.1	-3.3
WUSB	Renai	1.90	218	P	Pn	15 04 10.6	+0.6
WUSB				eS	S	15 04 43.1	-1.6
HATJ	Hateruma jima	1.92	138	P	Pn	15 04 11.5	+1.5
HATJ				S	S	15 04 43.4	-1.3
JKRS	Kuro-shima	1.93	130	P	Pn	15 04 11.4	+1.4
JKRS				S	S	15 04 43.8	-0.9
JJU	Ishigaki jima	1.94	125	P	Pn	15 04 11.1	+0.9
JJU				S	S	15 04 43.0	-2.1
JISG	Ishigakijimahi	1.96	117	eP	Pn	15 04 11.3	+1.1
JISG				eS	S	15 04 43.8	-1.4
WCS	Beigang Elemen	1.98	224	P	Pn	15 04 10.1	-0.3
WCS				eS	S	15 04 43.3	-2.2
WPL	Puli Township	1.98	222	eP	Pn	15 04 11.4	+1.0
DPDB	Guoxing	1.98	223	P	Pn	15 04 11.2	+0.6
EGFH	Guangfu	2.03	206	eP	Pn	15 04 11.5	+0.6
TCU	Taichung	2.07	230	eP	Pn	15 04 12.0	+0.8
TCU				eS	S	15 04 45.9	-1.1
VWDT	VWDT	2.08	214	P	Pn	15 04 12.8	+1.4
VWDT				eS	S	15 04 46.0	-1.2
SMLT	Sun Moon Lake	2.11	221	P	Pn	15 04 12.2	+0.5
SMLT				S	S	15 04 47.2	-0.6
TYC	Yuchr	2.12	222	iP	Pn	15 04 12.4	+0.8
TYC				S	S	15 04 46.7	-1.1
WWF	Wufeng	2.12	227	eP	Pn	15 04 11.6	-0.1
SSLB	Suanguang	2.16	218	eP	Pn	15 04 12.6	+0.6
SSLB				S	S	15 04 46.4	-2.1
HGSD	Ruisui	2.19	204	eP	Pn	15 04 13.2	+0.9
EHY	Hungye	2.22	207	eP	Pn	15 04 12.1	-0.5
EHY				eS	S	15 04 46.9	-2.5
WNT1	Nantou City	2.23	225	eP	Pn	15 04 13.8	+1.2
WNT	Mingjian	2.25	224	eP	Pn	15 04 13.8	+0.9
WNT				eS	S	15 04 49.3	-0.6
JTJ	Tarama	2.26	112	P	Pn	15 04 14.9	+2.0
JTJ				S	S	15 04 49.1	-0.8
WJS	Zhushan	2.26	223	eP	Pn	15 04 13.7	+0.7
WJS				eS	S	15 04 49.6	-0.5
WHYT	Xinyi Township	2.28	218	P	Pn	15 04 14.1	+0.8
WHYT				S	S	15 04 49.0	-1.5
YULB	Yu-li	2.33	206	eP	Pn	15 04 13.2	-0.3
EYUL	Yuli	2.36	205	eP	Pn	15 04 14.3	+0.4
TWF1	Yuli	2.37	205	eP	Pn	15 04 13.7	-0.2
YUS	Yu-Shan	2.40	214	eP	Pn	15 04 15.6	+0.8
YUS				eS	S	15 04 52.0	-1.3
WRL	Guolierin Hig	2.44	230	eP	Pn	15 04 15.9	+1.3
XPSS	Dasheriqu	2.44	306	eP	Pn	15 04 14.6	+0.1
ALS	Alishan	2.46	217	P	Pn	15 04 15.9	+0.8
ALS				S	S	15 04 52.5	-1.5
CHN5	Tsauling	2.46	220	eP	Pn	15 04 14.9	0.0
CHN5				eS	S	15 04 51.2	-2.4
WDLH	Douliu	2.48	224	eP	Pn	15 04 15.3	+0.4
WDLH				eS	S	15 04 52.8	-0.8
FULB	Fuli	2.50	204	eP	Pn	15 04 15.7	+0.4
CHKT	Chengkung	2.57	202	eP	Pn	15 04 17.1	+1.2
WTK	Tuku	2.57	226	eP	Pn	15 04 16.4	+0.5
WTK				eS	S	15 04 53.7	-1.6
EHD	Haiduan	2.58	205	eP	Pn	15 04 16.6	+0.5
EHD				eS	S	15 04 54.4	-1.2
LYJJ	Jianjiangzhen	2.59	294	eP	Pn	15 04 16.2	+0.2
JIRB	Irabujima	2.60	104	eP	Pn	15 04 17.7	+1.6
ELDTW	Lidau	2.63	209	eP	Pn	15 04 55.5	-0.2
ELDTW				eS	S	15 04 55.8	-0.7
WCKO	Fanlu	2.63	219	eP	Pn	15 04 15.7	-0.8

WCKO				eS	S	15 04 54.1	-2.3
JJKM	Ikemajima	2.64	102	P	Pn	15 04 18.5	+2.0
JJKM				eS	S	15 04 56.2	-0.4
CHY	Chiayi	2.69	222	eP	Pn	15 04 18.2	+0.2
CHN4	Tsushan	2.70	218	eP	Pn	15 04 17.2	0.0
JMJ	Miyajima 2	2.71	104	eP	Pn	15 04 18.8	+1.7

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Table with columns: OHWZ, POWZ, BFZ, ARCC, DVHZ, GAUM, WAZ, TSZ, TMZ, LREZ, PNHZ, KHEZ, NBEZ, NEZ, FOZ, DREZ, ITVZ, LBEZ, PKVZ, MOVZ, WNVZ, BHZ, VRZ, WHVZ, FWVZ, TVVZ, KAHZ, NGUZH, SNVZ, ODZ, OTVZ, NNVZ, WTVZ, TWVZ, KWHZ, ETVZ, TMVZ, KRZ, BKVZ, RAJZ, HJZ, JCZ, HKSZ, WHZ, EAZ, TUZ, TOZ, MLZ, SYZ, AWAZ, NKAZ, WHZ, ETAZ, MBAZ, WIAZ, APZ, ASAR, ASAR, WRA, BRTR. Includes station names, times, and various codes.

KRNET 01 15:50:35.0-0.1, 39.19N:74.27E, mb3.5
NMC 01 15:50:35.6-2.0, 39.16N:74.55E, h0km, mb3.8, mpv3.5
Error ellipse: s-maj=15.1km s-min=8.6km az=161.0
SOME 01 15:50:36.2, 39.42N:73.90E, h15km
ISC 01 15:50:38.6-1.5, 39.31N:0.06E, h28km, n30,
c=279/45, 16C-8D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Op, ISC, h, m, s, Res, ISC. Lists various stations like Osh, Batken, Aral, Naryn, Gar, Ucht, UCH, TRKS, CHMS, TKM2, KST, DZA, IUG, DGS, SGDS, MTBS, TNS5, TNS5, CHM, CHM, MDOK, MDOK.

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Table with columns: MDOK, MDOK, MDOK, KRBS, KRBS, KRBS, KRBS, KK31, KK31, KUU, KUU, CHKK, CHKK, CHKK, CHKK, PDGK, PDGK, KUU, CHKK, CHKK, PDGK, PDGK. Includes station names, times, and various codes.

IDC 01 16:15:00.6-1.7, 1.99N:123.80E, h0km, mb3.3/3,
mbmp3.3/3, MS2/2/1, Error ellipse: s-maj=200.7km
s-min=124.5km az=63.0
DJA 01 16:15:13.0-0.3, 0.3S:12.4E, h80km, M4, 0/19,
mb1.0/8, ML3/9/19

ISC 01 16:15:12.1-1.2, 0.18S:0.07E, h110km, n19,
c=153/20, mb2.9/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists various stations like Gorontalo, Luwuk, Marisa, Ampana, Sani, Ternate, Labuha, Mapaga, Sidrap, Ambon, BNSI, KAPI, BSSI, SWI, FAKI, ASAR, MKAR.

INET 01 16:17:33.7-0.2, 12.89N:87.02W, h14km, 1km, MW3.9
SNET 01 16:17:33.8-1.0, 12.95N:86.97W, h15km, 1.9km, ML3.2
ISC 01 16:17:32.2-1.0, 12.93N:0.05E:86.97W-0.05, h13km, n9,
c=57/14, Nicaragua

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists various stations like San Cristobal, Momotombo, CNCH, La Caada, MATN, TGUH, PACA, COEB, NUBE.

MOS 01 16:32:30.5-0.9, 51.04N:179.49E, h11km, mb4.7/21, Error
ellipse: s-maj=9.5km s-min=7.7km az=89.5
NEIC 01 16:32:31.3-2.1, 50.82N:0.04E:179.48E:0.08, h10km, 1km,
mb4.5/128, ML3.8(AEIC), Error ellipse: s-maj=8.6km
s-min=7.2km az=269.0

IDC 01 16:32:31.3-0.9, 51.15N:179.47E, h0km, mb4.1/20,
mbmp4.1/22, ML3.5/2, MS3.6/3, Error ellipse:
s-maj=26.9km s-min=12.6km az=176.0
AEIC 01 16:32:33.7-2.1, 51.01N:0.04E:179.48E:0.08, h1km, 4km,
Error ellipse: s-maj=7.3km s-min=5.7km az=96.0

ISC 01 16:32:31.2-0.4, 50.82N:0.06E:179.51E:0.03, h10km, n396,
c=131/369, mb4.5/86, MS3.6/3, 12C-7D, Rat Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists various stations like Amchitka, Semis, CEPSE, LSPA, GASW, GALAA, TAFU, TAFU, TAPA, KIMD, KIKV, KIWB, ADK, GSKC, GSKC, SHEM, SHEM, SMY, SMY, KOPF, CLES, SPRA, UNV, AKUT, SDPT, PEAB, PETK.

Table with columns: PETK, CHGN, P16K, N16K, O17K, S11K, Q18K, P18K, O18K, O18K, OHAK, OHAK, OHAK, SVWZ, N19K, N19K, P19K, P19K, P19K, Q20K, TTA, TTA, TTA, ILSW, ILSW, L19K, L19K, M19K, O20K, RSO, BILL, BILL, BILL, MA2, MA2, MA2, HOM, L20K, M20K, M20K, GCSA, CNPM, CNPM, N20K, SPCR, SPU, K20K, K20K, K20K, BRLL, BRLL, CAPN, J20K, J20K, J20K, SKT, SKT, SKT, PPLA, PPLA, PPLA, SUA, SUA, O22K, CAST, CAST, SEW, SEW, CHUM, RCO1, RCO1, KTH, KTH, PMR, PMR, PMR, GHO, GHO, BPAW, BPAW, PWL, PWL, TRF, TRF, TRF, TRF, KNK, KNK, KNK, H21K, H21K, I21K, I21K, SML, SML, SML, G21K, WAT1, WAT1, MLY, MLY, M23K. Includes station names, times, and various codes.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like RND Reindeer, BWN Browne, MCK McKinley, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like FYU Fort Yukon, M27K Edge Creek, L27K Beaver Creek, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like BMN Bear Canyon, BCYI Bear Canyon, MCMT McKenzie Canyon, etc.

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Table with columns: STA, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, P, Iamb, Pmax, and various numerical values.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, P, Iamb, Pmax, and various numerical values.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, P, Iamb, Pmax, and various numerical values.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like MJAR, CRVS, ABAB, KECS, NIE, MRSI, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like CTI, SQT, MOTA, RETA, LATE, FETA, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like AS01, COEN, C24K, D23K, etc.

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Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like KTH, M19K, G27K, PPLA, PRP, etc.

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Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like K27K, RC01, M23K, KNK, etc.

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Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like DLBC, S34M, T35M, etc.

LDG 01 16:57:17.5:0.3, 43:06N:13:18E, h9km, Md3.5/1, M2.8/15, Error ellipse: s-maj=6.2km s-min=3.8km az=78.0

PRU 01 16:57:20.0:0.0, 43:01N:13:84E, h10km, Error ellipse: s-maj=6.2km s-min=3.8km az=78.0

ISC 01 16:57:18.3:0.7, 43:03N:01:43.00E, 0:01, h14km, 4km, n166, r1969/226, 39C-5D, Central Italy

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FDMO, T1219, etc.

ASSB	Assisi San Ben	0.28 273	S	Sg	16 57 26.0	-2.3
EL6	Elcico	0.30	8	P	16 57 25.0	+0.3
EL6				Pb	16 57 29.7	-0.8
T1213	Norcio, Frazio	0.31 168	P	Pb	16 57 25.4	+0.1
T1217	Poggiodomo (PG)	0.33 194	P	Pb	16 57 26.1	+0.1
T1217				Pb	16 57 31.9	+0.4
T1244	Arquata del Tr	0.33 145	P	Pb	16 57 25.8	-0.2
T1244				Sb	16 57 31.3	0.0
ATCC	AVT- Casa Cast	0.33 298	P	Pb	16 57 26.2	+0.2
ATCC				Sb	16 57 31.9	+0.6
T1241	Roccafluvione,	0.33 121	P	Pb	16 57 25.6	-0.5
T1241				Pb	16 57 32.0	+0.2
FOSV	Foccasto di Vic	0.34 322	P	Pb	16 57 26.0	-0.2
T1202	Accumoli, Fraz	0.35 157	P	Pb	16 57 26.3	-0.1
T1202				Pb	16 57 32.4	+0.5
T1218	Civita (PG)	0.36 171	P	Pb	16 57 26.4	-0.2
T1218				Pb	16 57 32.3	+0.1
CING	Cingoli	0.36 18	P	Pb	16 57 31.1	+0.3
CING				Sb	16 57 31.7	-0.6
T1201	Domo (RI)	0.40 157	P	Pb	16 57 27.3	0.0
T1201				Sb	16 57 33.8	+0.5
T1204	Amatrice, Fraz	0.41 150	P	Pb	16 57 27.1	-0.3
T1204				Pb	16 57 33.9	+0.4
MOMA	Monte Mariano	0.41 237	P	Pb	16 57 27.7	+0.2
MOMA				Sb	16 57 34.6	+1.0
LNSS	Leonessa	0.43 180	P	Pb	16 57 27.6	-0.1
LNSS				Sb	16 57 34.4	+0.4
MURB	Monte Urbino	0.45 302	P	Pb	16 57 28.2	+0.2
MURB				Pb	16 57 35.1	+0.6
T1243	Rocca Santa Ma	0.45 138	P	Pb	16 57 27.6	-0.5
T1243				Sb	16 57 34.4	-0.2
SSFR	Montelago di S	0.45 335	P	Pb	16 57 27.9	-0.2
SMAT	SAN MARTINO	0.45 151	P	Pb	16 57 27.8	-0.4
ATSC	Scheggia e Pas	0.47 227	P	Pb	16 57 28.3	+0.1
ARVD	Arcevia	0.47 351	P	Pb	16 57 28.1	+0.4
ARVD				Sb	16 57 35.6	+0.2
ATFO	Monte Foce - G	0.48 315	P	Pb	16 57 28.7	0.0
OFFI	Offida	0.48 101	P	Pb	16 57 28.7	+0.1
ARRO	Arrone	0.49 204	P	Pb	16 57 29.0	+0.2
ARRO				Pb	16 57 35.9	+0.8
T1211	Morro Reatino	0.51 196	P	Pb	16 57 29.3	+0.1
T1211				Sb	16 57 37.7	+1.1
RM33	Pellescitra (C	0.54 166	P	Pb	16 57 29.3	-0.3
CIMA	Civitanova Mar	0.54 59	P	Pb	16 57 29.6	+0.1
CEX3	Cesi	0.54 219	P	Pb	16 57 29.7	+0.1
CEX3				Pb	16 57 38.2	+0.3
FRON	Frontone	0.54 335	P	Pb	16 57 29.4	+0.4
FRON				Sb	16 57 38.0	+0.7
PP3	Marolino	0.54 50	P	Pb	16 57 29.7	+0.1
ATLO	AVT- Montelove	0.55 302	P	Pb	16 57 29.8	+0.1
CADA	Capodarco di F	0.55 72	P	Pb	16 57 30.2	+0.4
T1246	Crognaleto (TE	0.56 143	P	Pb	16 57 29.5	+0.2
T1246				Pb	16 57 38.0	+0.2
CAMP	Campotosto	0.56 151	P	Pb	16 57 29.6	+0.2
CAMP				Sb	16 57 38.1	+0.1
TB01	Gubbio	0.57 309	P	Pb	16 57 30.1	+0.1
TB02	Pietralunga	0.57 307	P	Pb	16 57 30.3	+0.1
TERO	Teramo	0.58 134	P	Pb	16 57 29.8	+0.1
TERO				Sb	16 57 38.9	+0.5
ATVO	AVT- Monte Val	0.58 307	P	Pb	16 57 30.4	+0.1
TB03	Pietralunga	0.59 309	P	Pb	16 57 30.6	0.0
CORF	Cornigliano (MC	0.60 357	P	Pb	16 57 30.9	+0.2
ATVA	AVT- Monte Val	0.62 162	P	Pb	16 57 30.8	-0.2
T1247	Pizzolo (AQ)	0.62 307	P	Pb	16 57 30.8	-0.2
ATPC	Poggio Castell	0.62 317	P	Pb	16 57 31.4	+0.4
PIEI	Pieia	0.63 324	P	Pb	16 57 30.9	+0.3
ATPI	Pietralunga - S	0.63 312	P	Pb	16 57 31.3	+0.2
MPAC	Monte Paganucc	0.63 341	P	Pb	16 57 31.1	+0.3
ATMI	Monte Miggiano	0.64 299	P	Pb	16 57 32.1	+0.8
AOI	Ancona	0.66 38	P	Pb	16 57 31.6	-0.1
TRTR	Tortoreto Alta	0.68 109	P	Pb	16 57 32.6	+0.7
PCRO	Pietraluce	0.68 32	P	Pb	16 57 31.2	-0.4
PFSS	Fossabronze	0.69 344	P	Pb	16 57 32.1	-0.1
SENI	Senigallia	0.69 12	AML	AML		
SENI	comp=E,849um,0.4s					
SENI	comp=E,8500um,0.4s			AML	AML	
SENI	comp=N,6895um,0.4s			AML	AML	
SENI	comp=E,2105um,0.9s			AML	AML	
SENI	comp=N,1160um,1.0s			AML	AML	
SENI	comp=N,6900um,0.4s			AML	AML	
SENI	comp=E,2110um,0.9s			AML	AML	
SENI	comp=N,1155um,1.0s			AML	AML	
SENI	comp=E,8690um,3.8s			AML	AML	
MGAB	Montebellone	0.69 261	P	Pb	16 57 32.6	+0.4
GIGS	Gran Sasso	0.70 146	P	Pb	16 57 31.8	-0.1
AQU	L'Aquila	0.72 158	P	Pb	16 57 32.9	+0.1
ATMC	Monte Cedrone	0.75 304	P	Pb	16 57 33.5	+0.3
BADI	Badioli	0.76 310	P	Pb	16 57 33.9	+0.6
FIAM	Fiamignano	0.76 313	P	Pb	16 57 33.1	+0.6
PE3	Peglio	0.78 322	P	Pb	16 57 34.2	+0.5
CAFI	Castiglione Fio	0.84 291	P	Pb	16 57 35.3	+0.5
SACS	San Casciano d	0.85 258	P	Pb	16 57 35.7	+0.8
FAGN	Fagnano	0.86 152	P	Pb	16 57 35.5	+0.4
VELV	Villa Celleria	0.86 137	P	Pb	16 57 35.0	-0.1
SRES	S.Oreste - Sor	0.89 207	P	Pb	16 57 36.3	+0.5
PESEL	Pesaro	0.92 351	P	Pb	16 57 36.6	+0.5
CPGN	Capriano, Ital	0.93 326	P	Pb	16 57 36.1	-0.3
T0110	Collepietra	0.97 146	P	Pb	16 57 36.6	-0.5
CRE	Caprese Michel	0.99 307	P	Pb	16 57 37.6	+0.1
LATE	Laterza	1.00 246	P	Pb	16 57 38.3	+0.3
SF11	Podere del Sol	1.01 261	P	Pb	16 57 38.2	+0.2
SF03	Valle Cupa	1.02 258	P	Pb	16 57 38.3	+0.3
MTCE	Montecelio	1.03 192	P	Pb	16 57 37.9	-0.1
SF04	Caserta	1.03 260	P	Pb	16 57 38.4	+0.4
MCIV	Monte Civitell	1.03 256	P	Pb	16 57 38.9	+0.4
PTOR	Pietrarquaria	1.04 165	P	Pb	16 57 38.7	+0.0
SF13	Sagnano	1.05 259	P	Pb	16 57 38.9	+0.2
CECR	Cerreto	1.08 182	P	Pb	16 57 38.6	-0.2
SF14	Selvina	1.08 256	P	Pb	16 57 40.5	+1.4
SF01	Poggio Pratacc	1.11 259	P	Pb	16 57 40.0	+0.5
ARCI	Arcoisodio	1.16 262	P	Pb	16 57 40.7	+0.4
RCAM	Rocca di Cave	1.18 183	P	Pb	16 57 41.1	0.0
ASQU	Asqu	1.19 311	P	Pb	16 57 41.4	+0.4
INTR	Introdacqua	1.20 148	P	Pb	16 57 40.6	-0.1
TOLF	Toifa	1.23 219	P	Pb	16 57 41.6	+0.4
SFL	Santa Sofia	1.23 116	P	Pb	16 57 42.3	+0.2
VVLD	Villa Valfiore	1.23 159	P	Pb	16 57 41.8	+0.3
RRFI	Rufina	1.38 307	P	Pb	16 57 44.4	+0.5
FROS	Frosini	1.39 278	P	Pb	16 57 44.4	+0.3
OSSC	Osservatorio P	1.40 291	P	Pb	16 57 44.1	+0.6
POFI	Posta Fibreno	1.40 159	P	Pb	16 57 44.5	+0.2
GLMD	Lutirano	1.43 318	P	Pb	16 57 44.6	+0.7
GIUL	Gliano Di Ro	1.45 242	P	Pb	16 57 45.2	+0.2
TRIF	Trifoni	1.57 274	P	Pb	16 57 47.5	+0.4
BRIS	BRISIGHELLA	1.58 316	P	Pb	16 57 46.2	+0.3
MIDA	Miranda	1.65 147	P	Pb	16 57 48.1	-0.5
CRMI	Carminiano	1.69 297	P	Pb	16 57 49.1	-0.1
MTCS	Monte La Croce	1.79 305	P	Pb	16 57 50.3	+1.4
SKDS	Skandascina	1.76 151	IP	IP	16 58 01.1	+0.9
SKDS				Sn	16 58 33.0	+1.2
SKDS				IAML	16 58 33.5	
CEY	Cerknica	2.89 20	ePn	Pn	16 58 04.7	+0.8
A050A	Alkavaca	2.95 20	ePn	Pn	16 58 05.2	+0.5
PGF	Ploggiola	3.01 262	eSn	Pn	16 58 08.3	+2.6
PGF				Sn	16 58 39.6	-2.1
SRKY	Kupres RS	3.17 69	ePn	Pb	16 58 12.4	-2.1
MGRS	Mirkonji Grad	3.42 63	ePn	Pb	16 58 11.2	+2.4
A051A	Mrakovica	3.45 63	ePn	Pb	16 58 13.9	+2.6
STON	Ston	3.42 91	ePn	Pb	16 58 12.0	+0.8
BLY	Banja Luka	3.45 59	ePn	Pb	16 58 19.0	-0.2
MYKA	Terra Mystica	3.63 7	eSn	Pn	16 58 16.5	+2.3
MYKA				Sn	16 59 00.8	+4.1
OBKA	Obir	3.64 17	ePn	Pn	16 58 16.3	+1.9
OBKA	Obir	3.64 17	ePn	Pn	16 58 17.2	+2.8
OBKA				eSn	16 59 00.4	+3.2
ABTA	Abfaltersbach	3.74 354	ePn	Pn	16 58 18.4	+2.7
ABTA				Pn	16 58 18.4	+2.7

SOKA	Soboth	3.91 21	eSn	Sn	16 59 05.8	+1.9
BRY	Bratogost	4.04 90	ePn	Pn	16 58 21.4	+1.6
KBA	Koelnbreinsper	4.05 3	i Pn	Pn	16 58 29.9	+2.8
KBA				Sn	16 59 09.4	+1.9
SBF	Sospel	4.17 283	ePn	Pn	16 58 24.3	+2.7
SBF				eSn	16 59 07.0	-3.1
FEI	Feichten	4.32 338	ePn	Pb	16 58 29.8	-4.2
WTTA	Wattenberg	4.35 347	ePn	Pb	16 58 29.8	-4.9
SQTA	Sankt Quirin	4.39 343	ePn	Pn	16 58 28.5	+3.9
HAPS	Hal Pjiesak, BI	4.42 74	ePn	Pb	16 58 29.0	+3.9
WATA	Waldraun	4.43 347	ePn	Pb	16 58 31.2	-4.8
MOTA	Moosalm	4.53 343	ePn	Pn	16 58 31.1	+4.5
ARZE	Arzberg	4.57 22	ePn	Pn	16 58 28.6	+1.5
DRMS	Dravceva, Mon	4.61 98	ePn	Pb	16 58 30.0	+2.4
RUDO	Rudo	4.66 81	ePn	Pb	16 58 35.3	-4.4
BIOA	Bud Ischl, Aus	4.68 5	ePn	Pb	16 58 31.3	+2.7
LMR	La Moure	4.79 276	ePn	Sn	16 58 32.2	+2.2
LMR				eSn	16 59 21.7	-3.5
DVA	Damuels	4.81 333	ePn	Pb	16 58 37.2	-5.3
MBDF	Montbardon	4.84 293	ePn	Sn	16 58 34.1	+3.2
MBDF				eSn	16 59 23.3	-3.5
MOA	Molin	4.90 10	ePn	Pn	16 58 34.2	+2.7
MOA				eSn	16 59 29.3	+1.3
LPL	La Plagne	5.17 301	ePn	Sn	16 58 38.9	+3.5
LPL				eSn	16 59 30.9	-4.1
RONA	Rosalia, Aust	5.20 25	ePn	Pn	16 58 37.5	+1.7
CONA	Conrad Observa	5.29 21	ePn	Pn	16 58 38.3	+1.4
ORIF	Oris-en-Rattie	5.50 293	ePn	Sn	16 58 43.5	+3.6
ORIF				eSn	16 59 39.1	-3.9
SMRF	Simiane la Rot	5.51 282	ePn	Pn	16 58 43.7	+3.7
SMRF				eSn	16 59 39.2	-4.0
CKRC	Cesky Krumlov	5.86 8	ePn	Pn	16 58 45.1	+0.3
CKRC				eSn	16 59 50.8	-0.9
CABF	La Chapelle	6.11 308	ePn	Pn	16 58 51.9	+3.7
CABF				eSn	16 59 53.1	-4.8
KHC	Kasperske Hory	6.12 3	ePn	Pn	16 58 49.3	+1.0
KHC				eSn	16 59 57.1	-0.9
HINF	Hinterfeld	6.47 320	ePn	Sn	16 58 55.2	+2.0
HINF				eSn	17 00 01.8	-5.0
CDF	Champ du Feu	6.73 325	ePn	Sn	16 58 58.6	+1.9
CDF				eSn	17 00 07.8	-5.4
HAU	Haudoupre	6.84 319	ePn	Pn	16 59 00.5	+2.2
HAU				eSn	17 00 10.6	-5.4
PAGF	Fort de Pagny	7.53 320	ePn	Pn	16 59 11.6	+4.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like LN55, LN55, LN55, etc.

KRSZO 01 18:26:14.1±0.8, 45.03°N, 18:35E, h5km±1km, ML2,0/4, Error ellipse: s-maj=4.2km s-min=2.8km az=164.0

RHSSO 01 18:26:15.5±0.2, 45.00°N, 19:35E, h7km±3km, ML1,9/13,2C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like DOB, DOB, DOB, etc.

IDC 01 18:39:15.9±1.8, 5.68S, 146.71E, h0km, mb3.2/2, mbtmp3.2/4, ML2.4/2, MS1.9/1, Error ellipse: s-maj=63.0km s-min=26.5km az=105.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like PMG, PMG, PMG, etc.

IDC 01 19:14:14.6±0.9, 15:16S, 71:12W, h0km, mb4.0/4, mbtmp4.1/8, ML4.0/4, MS3.9/1, Error ellipse: s-maj=29.4km s-min=20.5km az=52.0

ARE 01 19:14:15.4±5.5, 15:44S, 0:06:70:81W, 0:09, h5km±5km, Error ellipse: s-maj=0.0km s-min=0.0km az=177.0

NEIC 01 19:14:19.6±2.2, 15:22S, 0:07:70:95W, 0:10, h16km±5km

mb4.5/10, ML4.0(ARE), Error ellipse: s-maj=13.7km s-min=9.5km az=80.0

ISC 01 19:14:17.2±0.6, 15:21S, 0:07:70:97W, 0:09, h10km, n51, s151/46, mb4.5/6, MS3.6/5, Southern Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like PB18, LPAZ, LPAZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like SAML, SAML, SAML, etc.

IDC 01 19:35:20.2±0.7, 1:16S, 80:87W, h0km, mb4.1/13, mbtmp4.3/19, ML4.0/5, MS3.8/25, Error ellipse: s-maj=23.1km s-min=13.2km az=53.0

IGQ 01 19:35:21.0±0.4, 1:52S, 81:17W, h3km

NEIC 01 19:35:23.7±2.1, 1:25S, 0:06:80:87W, 0:06, h28km±2km, mb4.6/30, Error ellipse: s-maj=8.8km s-min=8.1km az=70.0

VAO 01 19:35:31.3±1.6, 1:55S, 80:21W, h10km, mb4.7

ISC 01 19:35:21.3±0.3, 1:19S, 0:03:80:88W, 0:04, h10km, n244, s160/220, mb4.6/26, MS3.7/19, 3C-2D, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like E28A, BOZ, EGMT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like ARNL, Terv, PINO, etc.

1d 19h

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

20 DEC

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

50

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

WEL 01:19:44:00 41.69S, 174.27E, h16km, ML4.2, Mw3.9. Moment Tensor Solution: 65 Moment Tensor, Scale 10^14 Nm; Mw: 4.22; Fault plane solution: M9.490000:10^14 Np1; ...

CEL	Celeste	81.22 331	IAMS_20	IAMS_20	21 41 17.7
VAY	Valandovo	81.48 337	i P	P	21 04 22.0 +9.4
LYN	Timpagrande	81.67 332	IAMS_20	IAMS_20	21 43 17.6
TYP	comp=Z,1.0nm,21.0s				
SIM	Simferopol	81.83 346	eP	P	21 04 15.7 +1.3
SIM			e		21 04 21.5
SIM			e		21 07 23.8
SIM			eS	S	21 14 25.7 -1.7
SIM			pmax	pmax	
SIM	comp=Z,23nm,1.1s				
SIM	comp=Z,24nm,16.5s				
SIM	comp=N,81nm,15.4s				
SIM			MLR	MLR	
OHR	Ohrid	81.89 335	i P	P	21 04 16.4 +1.6
STIP	Stip	81.94 336	i P	P	21 04 15.1 0.0
KEST	Kesra	81.98 325	P	P	21 04 16.5 +1.1
KEST	comp=Z,3.0nm,0.8s,baz=161,slow=37				
KEST	comp=Z,3.0nm,0.8s				
KEST	Kesra	81.98 325	P	P	21 04 17.6 +2.2
SKO	Skopje	82.44 336	i P	P	21 04 18.1 +0.4
RPZ	Rata Peaks	82.77 139	LR	LR	21 33 42.2
CFR	Caracaliu	83.41 342	i P	P	21 04 22.7 +0.1
CFR	Caracaliu	83.41 342	i P	P	21 04 22.7 +0.1
ENH	Enshi	83.49 46	P	P	21 04 23.4 0.0
HUMR	Humele	83.66 40	i P	P	21 04 25.8 +1.9
NEHR	Nehou	84.12 341	i P	P	21 04 29.2 +2.9
MLR	Muntele Rosu	84.28 341	i P	P	21 04 26.7 -0.5
MLR	Muntele Rosu	84.28 341	LR	LR	21 40 54.9
MLR	Muntele Rosu	84.28 341	P	P	21 04 23.9 -3.2
MLR	comp=Z,20nm,0.9s		IAMB	IAMB	21 04 39.8
MLR	Muntele Rosu	84.28 341	P	P	21 04 26.7 -0.5
ABKAR	Abkular array	84.29 4	P	P	21 04 23.1 -3.8
ABKAR	comp=Z,21nm,1.2s		IAMB	IAMB	21 04 36.8
VRI	Vrincioiaia	84.41 341	i P	P	21 04 27.5 -0.2
VRI	Vrincioiaia	84.41 341	i P	P	21 04 27.5 -0.2
GHRR	Grigoriu	84.42 342	i P	P	21 04 28.9 +1.2
PJOR	Plostinia	84.42 341	i P	P	21 04 28.8 +1.0
PJOR	Plostinia	84.42 341	i P	P	21 04 28.8 +1.0
WMQ	Urumqi	84.44 24	eP	P	21 04 28.9 +0.9
WMQ	comp=Z,570nm,16.9s		LR	LR	
WMQ	comp=Z,380nm,16.1s		LR	LR	
WMQ	comp=Z,260nm,19.7s		LR	LR	
VOIR	Voiron	84.48 340	i P	P	21 04 29.0 +0.9
VOIR	Voiron	84.48 340	i P	P	21 04 29.0 +0.9
DSZ	Denniston Nort	84.52 138	IAMS_20	IAMS_20	21 35 40.5
ARR	Arges	84.53 340	i P	P	21 04 27.9 -0.5
COVR	Voineasa-Covas	84.53 341	i P	P	21 04 28.6 +0.2
HERR	Herculane	84.74 338	P	P	21 04 29.0 -0.4
LZH	Lanzhou	84.78 38	eP	P	21 04 31.2 +1.2
LZH			pP	pP	21 04 37.2 -0.3
LZH			SP	SP	21 04 40.9 +7.5
LZH			S	S	21 14 55.2 -2.4
LZH			sS	sS	21 15 08.1 -1.0
LZH			SS	SS	21 20 34.8 +3.9
LZH	comp=Z,28nm,1.2s		pmax	pmax	
LZH	comp=Z,240nm,4.8s		pmax	pmax	
LZH	comp=Z,780nm,15.8s		LR	LR	
LZH	comp=Z,220nm,15.1s		LR	LR	
LZH	comp=Z,840nm,16.7s		LR	LR	
MILM	Milestii Mici	84.87 343	i P	P	21 04 29.7 -0.3
MILM	Milestii Mici	84.87 343	i P	P	21 04 29.7 -0.3
MDVR	Moldovita	84.87 338	i P	P	21 04 29.8 -0.3
OZUR	Ozerny	84.88 341	i P	P	21 04 28.3 -1.8
TESR	Tescani	85.03 341	i P	P	21 04 39.3 +8.5
THZ	Tophouse	85.10 139	IAMS_20	IAMS_20	21 35 04.9
MAKZ	Makanchi	85.45 19	i P	P	21 04 31.5 -1.4
GTA	Gaotai	85.47 34	i P	P	21 04 33.3 0.0
GTA			pP	pP	21 04 38.2 +1.9
GTA			SP	SP	21 04 41.2 +0.4
GTA			S	S	21 15 01.6 -3.1
GTA			sS	sS	21 15 16.6 +2.0
GTA			SS	SS	21 20 48.9 +8.0
GTA	comp=Z,10.0nm,1.1s		pmax	pmax	
GTA	comp=Z,80nm,4.4s		LR	LR	
GTA	comp=Z,340nm,17.8s		LR	LR	
GTA	comp=Z,330nm,16.4s		LR	LR	
GTA	comp=Z,380nm,17.8s		LR	LR	
MK31	Makanchi Array	85.53 19	i P	P	21 04 32.8 -0.5
MK31	comp=Z,2.0nm,0.7s		pmax	pmax	
MKAR	Makanchi Array	85.53 19	P	P	21 04 33.0 -0.3
MKAR	comp=Z,2.6nm,0.8s,baz=212,slow=4.5,SNR=11		LR	LR	21 37 36.0
MKAR	comp=Z,2.13nm,21.5s,baz=208,slow=32		P	P	21 04 33.0 -0.3
MKAR	comp=Z,1.0nm,20.0s		P	P	21 04 33.0 -0.3
QRZ	Quart Range	85.54 138	IAMS_20	IAMS_20	21 36 01.8
AQU	Aquila	85.70 331	IAMS_20	IAMS_20	21 43 20.3
NNZ	Nelson	85.73 139	IAMS_20	IAMS_20	21 35 16.8
XAN	Xian	85.94 43	i P	P	21 04 36.6 +0.9
XAN			pP	pP	21 04 41.4 -1.8
XAN			SKS	SKS	21 15 01.0 -8.3
XAN			S	S	21 15 11.0 +2.2
XAN			SS	SS	21 20 56.3 +8.6
XAN	comp=Z,26nm,1.2s		pmax	pmax	
XAN	comp=Z,710nm,21.8s		LR	LR	
XAN	comp=Z,630nm,19.9s		LR	LR	
ARCR	ARCALIA	86.18 340	i P	P	21 04 37.0 +0.5
SNZO	South Karori	86.38 140	IAMS_20	IAMS_20	21 37 29.8
BURAR	Bucovina Array	86.43 341	i P	P	21 04 38.2 +0.4
BURAR	Bucovina Array	86.43 341	i P	P	21 04 38.2 +0.4
RCBR	Riachuelo	86.62 265	LR	LR	21 38 47.8
VRH	Novokhopovsk	86.75 352	eP	pmax	21 04 39.7 +0.5
VRH	comp=Z,20nm,0.8s		pmax	pmax	
VSR	Storozhevo	87.08 351	eP	P	21 04 41.2 +0.5
VSR	comp=Z,30nm,1.0s		pmax	pmax	
MORH	Mrgy, Hungar	87.13 336	i P	P	21 04 42.3 +1.1
PMG	Port Moresby	87.18 99	LR	LR	21 40 40.5
MIDELT	Midelt	87.19 314	LR	LR	21 44 41.3
MDT	comp=Z,2.0nm,18.2s,baz=152,slow=36		LR	LR	21 44 41.3
MRZ	Mangatainoka R	87.31 140	IAMS_20	IAMS_20	21 37 59.3
BELG	Belogornoye	87.44 356	LR	LR	21 46 29.1
BELG	comp=Z,312nm,18.9s,baz=164,slow=38				
BELG	Belogornoye	87.44 356	eP	P	21 04 42.3 -0.2
BELG	comp=Z,4.0nm,0.9s		pmax	pmax	
VORR	Voronezh	87.52 351	eP	P	21 04 40.8 -2.1
VORR	comp=Z,30nm,0.4s		pmax	pmax	
MAHO	Mahon	87.72 324	IAMS_20	IAMS_20	21 47 15.8
UZH	Uzhgorod	88.17 340	i P	P	21 04 46.2 +0.2
UZH			i		21 04 48.5
UZH			i		21 04 55.2
KURK	Kurchatov	88.29 151	eP	P	21 04 47.2 +0.6
KURK			pmax	pmax	

LYN	LuoYang	88.32 45	i P	P	21 04 58.7 +1.2
LYN			SP	SP	21 05 05.4 +1.1
LYN			PP	PP	21 08 20.0 +4.9
LYN			S	S	21 15 34.5 +2.3
AKASG	Malin Array Be	88.33 345	P	P	21 04 46.0 -0.8
AKASG	comp=Z,5.1nm,0.8s,baz=170,slow=4.2,SNR=11		LR	LR	21 42 56.1
AKBB	Malin Array Si	88.33 345	eP	P	21 04 46.3 -0.5
LPSR	Galich'ya Gora	88.46 351	eP	P	21 04 47.1 -0.2
LPSR			pmax	pmax	
CART	comp=Z,20nm,0.9s	88.64 319	IAMS_20	IAMS_20	21 44 46.1
CRVS	Cartagena	88.65 339	eP	P	21 04 48.5 +0.2
CRVS	Cervencia-Dubn	88.65 339	eP	P	21 04 48.5 +0.2
CRVS	Cervencia-Dubn	88.65 339	eP	pmax	
OBKA	Obir	88.80 334	eP	P	21 04 50.8 +1.5
OBKA	comp=Z,1.5nm,1.6s		LR	LR	
PLCA	Paso Flores	88.84 219	LR	LR	21 37 33.8
PLCA	comp=Z,5.98nm,22.0s,baz=136,slow=31				
BVAR	Borovoye Array	89.05 10	LR	LR	21 42 49.3
BVAR	comp=Z,3.79nm,19.0s,baz=195,slow=34				
BRVK	Borovoye	89.06 10	P	P	21 04 49.4 -0.8
BRVK	Borovoye	89.06 10	eP	P	21 04 51.8 +1.6
BRVK	comp=Z,6.0nm,1.3s		pmax	pmax	
VYHS	Vyhne	89.08 337	eP	P	21 04 50.9 +0.5
VYHS	Vyhne	89.08 337	eP	P	21 04 50.9 +0.5
VYHS	comp=Z,7.0nm,1.0s		pmax	pmax	
ARSA	Arzberg	89.09 335	eP	P	21 05 00.4 +1.0
ARSA	comp=Z,9.3nm,1.4s				
STHS	Stebnicka Huta	89.17 339	eP	P	21 04 51.3 +0.5
STHS	Stebnicka Huta	89.17 339	eP	P	21 04 51.3 +0.5
STHS	comp=Z,3.0nm,0.9s		pmax	pmax	
RONA	Rosalia, Austr	89.21 336	eP	P	21 05 01.5 +1.0
RONA	comp=Z,1.5nm,1.4s				
MYKA	Terra Mystica	89.23 333	eP	P	21 04 54.9 +3.6
MYKA	comp=Z,4.1nm,1.1s				
NIE	Niedza	89.45 339	eP	P	21 05 02.3 +1.0
NIE	Ruzhichna	89.59 139	IAMS_20	IAMS_20	21 38 10.2
CONA	Conrad Observa	89.56 335	eP	P	21 05 02.1 +9.4
CONA	comp=Z,1.3nm,1.3s				
DGZ	Jazzator, Alta	89.61 211	eP	P	21 04 55.2 +2.2
DGZ	comp=Z,7.0nm,1.9s		pmax	pmax	
ABTA	Abfattersbach	89.75 333	i P	P	21 04 54.8 +1.1
ABTA	comp=Z,3.8nm,1.2s,SNR=5.5				
BIOA	Bad Ischl, Aus	90.13 334	eP	P	21 05 05.6 +1.0
BIOA	comp=Z,3.9nm,0.8s				
OJC	Ojcow	90.31 339	eP	P	21 05 04.2 +8.1
NJTA	Nanjing	90.44 50	eP	P	21 04 57.9 +0.8
WJZ	Wattenberg	90.51 333	eP	P	21 04 59.8 +2.4
WJZ	comp=Z,4.9nm,1.2s				
WTTA	comp=Z,15nm,1.3s,SNR=5.1		i P	pwp	21 05 07.1 +2.0
VRAC	Vranov	90.51 337	LR	LR	21 47 15.8
VRAC	comp=Z,1.65nm,19.4s,baz=178,slow=37				
WATA	Walderalm	90.59 333	i P	P	21 05 05.0 +7.3
WATA	comp=Z,1.7nm,1.3s,SNR=5.2				
BDFB	Brasilia	90.61 250	P	P	21 05 00.0 +1.4
BDFB	comp=Z,4.4nm,0.9s,baz=150,slow=4.4,SNR=5.7				
BDFB	comp=Z,4.71nm,20.0s,baz=130,slow=30				
SQTA	Sankt Quirin	90.63 332	eP	P	21 05 00.0 +2.2
SQTA	comp=Z,1.2nm,1.0s				
FETA	Feichten	90.65 332	eP	P	21 05 01.2 +3.2
FETA	comp=Z,1.7nm,1.2s				
BNI	Bardocchia	90.69 329	IAMS_20	IAMS_20	21 48 36.4
BNI	comp=Z,1.0nm,19.0s				
TUE	Stuetta	90.74 331	IAMS_20	IAMS_20	21 44 23.6
TUE	comp=Z,7.12nm,22.0s				
MOXA	Mosca	90.78 332	eP	P	21 05 08.2 +1.0
MOXA	comp=Z,1.9nm,1.3s				
DAVOS	Davos/Dischmat	90.78 331	LR	LR	21 47 29.7
DAVOS	comp=Z,4.80nm,20.1s,baz=164,slow=37				
CPUP	Villa Florida	90.81 237	P	P	21 05 00.7 +1.5
CPUP	comp=Z,1.8nm,0.8s,baz=94,slow=6.9,SNR=2.5				
CPUP	comp=Z,2.235nm,21.7s,baz=137,slow=31				
RETA	Reutte	91.02 332	eP	P	21 05 01.4 +1.8
RETA	comp=Z,1.8nm,0.8s				
RETA	comp=Z,7.3nm,1.1s				
RETA	comp=Z,2.2nm,1.4s		eP	pwp	21 05 09.8 +2.5
GERES	GERES Array B	91.09 335	LR	LR	21 47 42.0
GERES	comp=Z,2.83nm,20.4s,baz=162,slow=37				
DAVA	Damuels	91.20 332	eP	P	21 05 01.1 +0.6
DAVA	comp=Z,8.0nm,1.0s				
DAVA	comp=Z,1.7nm,0.9s		eP	pwp	21 05 10.6 +2.4
OBN	Obninsk	91.23 350	LR	LR	21 44 30.1
OBN	comp=Z,6.3nm,21.3s,baz=178,slow=35				
OBN	Obninsk	91.23 350	eP	P	21 05 01.6 +1.4
OBN	comp=Z,2.55nm,19.9s,baz=540,slow=34				
OBN	comp=Z,6.0nm,1.0s		pmax	pmax	21 17 06.6 -2.0
OBN	comp=Z,2.93nm,19.0s		MLR	MLR	
KHC	Kasperske Hory	91.38 335	eP	P	21 05 08.2 +7.1
KHC	Kasperske Hory	91.38 335	eP	P	21 05 08.2 +7.1
KHC	Arti	91.39 331	i P	P	21 05 01.4 +0.4
KHC	comp				

1d 21h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Arctic Village, Squaw Lake, Bananza Creek, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chitina, Valde, L29M, etc.

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Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like 570nm, 0.4s, 2um, 2.0s, etc.

JHU2	Mitsuene	11.60	188	P	Pn	21 09 29.3	+0.2
JHS	Saijyo	11.64	217	P	P	21 09 33.0	+0.1
JHS	Saijyo	11.64	217	P	P	21 09 29.4	-0.2
PAU	Pauzhetka	12.22	51	eP	S	21 09 36.7	+0.1
PAU	Pauzhetka	12.22	51	eP	S	21 11 48.2	-4.4
JMN	Monobe	12.44	211	Pn	Pn	21 09 39.1	-0.5
JMN	Monobe	12.44	211	P	Pn	21 09 38.7	+0.1
KSR5	Korea Array	12.59	240	P	Pn	21 09 40.1	-1.1
ZEA	Zeya	13.06	319	eP	P	21 09 48.0	-0.5
ZEA	Zeya	13.06	319	ePn	Pmax	21 09 46.9	0.0
ZEA	comp=N,20nm,0.6s				Pmax		
ZEA	comp=E,10.0nm,0.6s				Pmax		
PEA0B	Petrovlovsk-K	13.52	46	Pn	Pn	21 09 51.9	-0.6
PEA0B	Petrovlovsk-K	13.52	46j	eP	P	21 09 53.9	+0.3
PETK	Petrovlovsk-K	13.52	46	P	Pn	21 09 52.5	-0.1
PET	Petrovlovsk	13.97	47	eP	P	21 09 59.4	+0.9
PET	Petrovlovsk	13.97	47j	eP	P	21 09 59.4	+0.9
JNU	Nakatsue	14.21	220	P	Pn	21 10 00.7	-0.5
HIA	Hailar	15.63	295j	eP	P	21 10 14.3	-2.6
HIA	comp=Z,20nm,3.1s				Pmax		
MA2	Magadan	15.95	17	P	P	21 10 20.1	-0.2
MA2	Magadan	15.95	17	P	P	21 10 20.6	+0.4
MA2	Magadan	15.95	17	eP	Pn	21 10 20.8	-0.8
MA2	Magadan	15.95	17j	eP	Pn	21 10 20.8	-0.8
JCJ	Chichijima	17.52	178	P	P	21 10 38.4	+0.6
JCJ	Chichijima	17.52	178	P	P	21 10 38.3	+0.6
JCJ	Chichijima	17.52	178	P	P	21 10 39.0	+1.3
YAK	Yakutsk	18.77	342	P	P	21 10 48.9	-1.8
YAK	Yakutsk	18.77	342	eP	P	21 10 49.0	-1.8
YAK	Yakutsk	18.77	342	eP	S	21 10 49.0	-1.8
YAK	Yakutsk	18.77	342	eP	S	21 10 49.0	-1.8
YAK	comp=Z,11nm,1.0s				Pmax		
YAK	comp=N,7.0nm,1.3s				Pmax		
YAK	comp=E,3.0nm,1.2s				Pmax		
YAK	comp=N,257nm,4.5s				smax		
YAK	comp=E,148nm,3.5s				smax		
SEY	Seymchan	19.34	15	P	P	21 10 56.5	-0.4
TIA	Tai'an	20.41	254	P	P	21 11 07.1	-1.6
TIA	comp=E,7.0nm,0.8s				Pmax		
JOW	Kunigami	20.77	216	P	P	21 11 12.2	-0.2
JOW	Kunigami	20.77	216	P	P	21 11 12.7	+0.3
JOW	Kunigami	20.77	216	P	P	21 11 12.5	0.0
HHC	Hu-ho-hao-te	22.34	271	eP	P	21 11 26.5	-0.8
HHC	comp=E,23nm,0.9s				Pmax		
HHC	comp=E,140nm,5.1s				LR		
HHC	comp=E,510nm,12.1s				LR		
HHC	comp=E,550nm,11.5s				LR		
ULN	Ulaanbaatar	24.01	290	P	P	21 11 41.8	-0.7
ULN	Ulaanbaatar	24.01	290	eP	P	21 11 42.5	+0.1
ULN	Ulaanbaatar	24.01	290j	eP	P	21 11 42.5	+0.1
SOM1	Songino Array	24.45	290	P	P	21 11 46.2	-0.3
LYN	LuoYang	24.51	256	S	S	21 15 57.2	+8.9
LYN	comp=Z,10.0nm,0.5s				Pmax		
LYN	comp=Z,220nm,5.4s				LR		
LYN	comp=N,680nm,25.2s				LR		
LYN	comp=E,610nm,23.1s				LR		
AMKA	Amchitka	25.86	61	P	P	21 11 59.5	+0.6
BILL	Biilbino	26.76	20	P	P	21 12 04.7	-1.9
BILL	Biilbino	26.76	20	eP	IAMB	21 12 19.3	
BILL	Biilbino	26.76	20	eP	P	21 12 06.2	-0.5
BILL	Biilbino	26.76	20j	eP	P	21 12 06.2	-0.5
BILL	Biilbino	26.76	20j	eP	P	21 12 57.4	+1.2
BILL	Biilbino	26.76	20j	eP	P	21 13 26.0	+0.1
TIXI	Tiksi	27.78	351	eP	P	21 12 13.5	-2.1
TIXI	Tiksi	27.78	351	eP	P	21 12 15.5	-0.1
TIXI	Tiksi	27.78	351j	eP	P	21 12 15.5	-0.1
ADK	Adak	28.36	60	P	P	21 12 20.2	-0.8
ADK	Adak	28.36	60	P	P	21 12 20.2	-0.8
ADK	Adak	28.36	60	P	Pmax		
NIKH	Nikolski High	33.07	57	P	P	21 13 01.3	-0.9
ANM	Nome	35.20	37	P	P	21 13 19.9	-0.4
ANM	Nome	35.20	37	P	P	21 13 19.9	-0.4
DGZ	Jazzator, Alta	36.51	298j	eP	P	21 13 33.7	+1.9
DGZ	comp=Z,2.0nm,0.7s				Pmax		
PZH	PanZhiHua	36.71	254	P	Pmax	21 13 34.1	+0.4
PZH	comp=Z,10.0nm,0.7s				Pmax		
PZH	comp=Z,100nm,5.0s				Pmax		
ZALV	Zalesovo Beam	37.27	305	P	P	21 13 37.5	-0.4
ZALV	comp=Z,1.2nm,0.7s,baz=85,slow=4.0,SNR=7.3				ScP		
SDPT	Sand Point	37.67	52	P	P	21 13 40.6	-0.6
WMQ	Urumqi	38.62	288	eP	P	21 13 49.7	+4.9
WMQ	comp=Z,11nm,1.3s				Pmax		
N16K	Nishlik Lake	38.07	44	P	P	21 13 43.6	-0.9
CHNA	Chernabura Isl	38.25	53	P	P	21 13 46.6	+0.5
CNBA	Chernabura Isl	38.26	53	P	P	21 13 46.4	+0.3
O16K	Kokwok River B	38.47	45	P	P	21 13 48.4	+0.6
O17K	Koliganek Bris	38.95	45	P	P	21 13 52.3	+0.5
TTA	Tatalina	39.26	40	P	P	21 13 55.1	+0.6
TTA	comp=Z,14nm,1.4s				P		
TTA	Tatalina	39.26	40	P	P	21 13 55.1	+0.6
TTA	comp=Z,14nm,1.4s				Pmax		
Q16K	King Salmon	39.30	47	P	P	21 13 55.5	+0.8
A21K	Barrow	39.48	27	P	P	21 13 55.0	-1.1
A21K	Barrow	39.48	27	P	P	21 13 55.2	-0.8
SVW2	Sparrevohn	39.58	43	P	P	21 13 58.0	+0.9
SVW2	comp=Z,15nm,1.3s				IAMB		
Q17K	Contact Creek	39.75	47	P	P	21 13 58.2	-0.4
Q18K	Koktuh Hills	39.89	45	P	P	21 14 01.3	+1.7
Q18K	comp=Z,30nm,1.2s				IAMB		
Q18K	Koktuh Hills	39.89	45	P	P	21 13 59.5	-0.2
P18K	Big Mountain,	39.94	45	P	P	21 14 01.4	+1.4
P18K	Big Mountain,	39.94	45	P	IAMB	21 14 18.7	
P18K	Big Mountain,	39.94	45	P	P	21 13 59.5	-0.5
J20K	Novinta River	40.05	38	P	IAMB	21 14 01.2	+0.4
J20K	Novinta River	40.05	38	P	IAMB	21 14 23.8	
J20K	Novinta River	40.05	38	P	P	21 13 60.0	-0.8
M19K	Big River Lodg	40.08	41	P	P	21 14 00.5	-0.6
K20K	Telida	40.12	39	P	P	21 14 01.9	+0.4
K20K	Telida	40.12	39	P	P	21 14 01.7	+0.3
N19K	Bonanza Creek	40.14	43	P	IAMB	21 14 02.8	+1.1
N19K	Bonanza Creek	40.14	43	P	IAMB	21 14 03.9	
N19K	Bonanza Creek	40.14	43	P	P	21 14 01.0	-0.7
Q18K	Katmai Hardscr	40.15	46	P	P	21 14 00.9	-1.0
G21K	Allakaket	40.26	34	P	P	21 14 01.3	-1.2
L20K	Farewell, AK	40.27	40	P	P	21 14 02.1	-0.6
CHIR	Chirikof Islan	40.30	51	P	P	21 14 03.9	+0.9
CHIR	Chirikof Islan	40.30	51	P	P	21 14 02.4	-0.6
H21K	Melozitna Rive	40.56	35	P	P	21 14 04.4	-0.6
H21K	Melozitna Rive	40.56	35	P	P	21 14 03.9	-1.1
MK31	Makanchi Array	40.63	295	P	P	21 14 07.1	+1.3
MK31	Makanchi Array	40.63	295	P	P	21 14 07.1	+1.3
MKAR	Makanchi Array	40.63	295	P	P	21 14 07.2	+1.3
M20K	Styx River	40.68	41	P	IAMB	21 14 07.2	+1.1
M20K	Styx River	40.68	41	P	IAMB	21 14 43.5	
M20K	Styx River	40.68	41	P	P	21 14 06.7	+0.6
Q19K	Cape Douglas,	40.81	46	P	P	21 14 08.0	+0.9
Q19K	Cape Douglas,	40.81	46	P	P	21 14 07.8	+0.7
MAK2	Makanchi	40.83	295	P	P	21 14 08.8	+1.4
MAK2	Makanchi	40.83	295	P	P	21 14 08.8	+1.4
MAK2	Makanchi	40.83	295	P	Pmax		
ILSW	Ilamna Southw	40.91	44	P	IAMB	21 14 09.8	+1.6
ILSW	Ilamna Southw	40.91	44	P	IAMB	21 14 33.0	
E22K	Anaktuvuk Pass	40.91	32	P	P	21 14 06.9	-1.0
P19K	Oil Pt	40.91	45	P	P	21 14 09.5	+1.6
P19K	Oil Pt	40.91	45	P	P	21 14 06.5	-1.5
I21K	Tanana	40.93	36	P	P	21 14 07.8	-0.1
I21K	Tanana	40.93	36	P	IAMB	21 14 15.1	
I21K	Tanana	40.93	36	P	P	21 14 07.7	-0.2
SIJ	Sitkinak Islan	40.95	50	P	P	21 14 08.6	+0.3
CAST	Castle Rocks	41.01	39	P	IAMB	21 14 13.6	
CAST	Castle Rocks	41.01	39	P	P	21 14 08.2	-0.5
PPLA	Purkeypile	41.01	40	P	IAMB	21 14 10.0	+1.1
PPLA	Purkeypile	41.01	40	P	IAMB	21 14 45.2	
PPLA	Purkeypile	41.01	40	P	P	21 14 08.5	-0.3
H22K	Ishlatitna Cre	41.14	35	P	P	21 14 08.6	-1.1
N20K	Mount Spurr	41.20	42	P	P	21 14 09.5	-0.8
OHAK	Old Harbor	41.30	48	P	P	21 14 11.6	+0.6
OHAK	Old Harbor	41.30	48	P	P	21 14 10.2	-0.9
D23K	Nanushuk River	41.33	30	P	P	21 14 10.7	-0.5
C23K	Ikilik River	41.36	29	P	P	21 14 10.5	-0.9
SKT	Skwentna	41.42	41	P	P	21 14 12.1	+0.1
SKT	Skwentna	41.42	41	P	P	21 14 10.2	-1.8
BPAW	Bear Paw Mtn.	41.43	38	P	IAMB	21 14 12.2	+0.1
BPAW	Bear Paw Mtn.	41.43	38	P	IAMB	21 14 30.5	
BPAW	Bear Paw Mtn.	41.43	38	P	P	21 14 11.0	-1.2
MLY	Manley	41.46	36	P	P	21 14 13.2	+0.8
MLY	Manley	41.46	36	P	P	21 14 11.0	-1.3
Q20K	Shuyak Island	41.51	46	P	P	21 14 11.3	-1.4
KTH	Kantishna Hill	41.52	39	P	IAMB	21 14 13.3	+0.5
KTH	Kantishna Hill	41.52	39	P	IAMB	21 14 45.0	
COLD	Coldfoot	41.55	33	P	P	21 14 13.0	0.0
COLD	Coldfoot	41.55	33	P	P	21 14 11.8	-1.1
G23K	Bananza Creek	41.64	34	P	P	21 14 12.9	-0.8
KURK	Kurchatov	41.71	302	eP	P	21 14 14.3	-0.2
KURK	Kurchatov	41.71	302	eP	P	21 14 14.3	-0.2
KURK	Kurchatov	41.71	302	eP	Pmax		
TOLK	Toolik Lake Re	41.74	31	P	P	21 14 13.9	-0.6
TOLK	Toolik Lake Re	41.74	31	P	P	21 14 13.7	-0.9
E23K	Chandalar	41.74	32	P	P	21 14 13.4	-1.2
CAPN	Captain Cook N	41.77	43	P	P	21 14 13.4	-1.4
TRF	Thorofare Moun	41.81	39	P	IAMB	21 14 15.4	+0.1
TRF	Thorofare Moun	41.81	39	P	IAMB	21 14 46.7	
TRF	Thorofare Moun	41.81	39	P	P	21 14 13.9	-1.4
SUA	Susitna One	41.86	42	P	IAMB	21 14 17.8	0.0
SUA	Susitna One	41.86	42	P	IAMB	21 14 23.9	
SUA	Susitna One	41.86	42	P	P	21 14 15.6	0.0
H23K	Yukon River	41.90	35				

1d 21h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, SNR, and other technical details. Includes stations like G27K Doyon Strip, L26K Log Cabin Wild, etc.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, SNR, and other technical details. Includes stations like DLBC Dease Lake, KULM Kulim, WRGLY Wrigley, etc.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, SNR, and other technical details. Includes stations like BUR08 Buocovina Ar. S, TPNV Topop Spring, etc.

1DC 01 21:19:50.4.1.1.32:77N 130:66E, h0km, mb3.6/5, mbmp3.6/6, ML2.6/1, MS2.8/1, Error ellipse: s-maj=21.5km s-min=5.6km az=119.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, SNR, and other technical details. Includes stations like JTA Tamana, JIU3 Iuzim3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chichijima, Songoito Array, Kurchatov Arra, Warramunga Arr, Alice Springs, FINESS Array B.

WEL 01 21:34:21.3:0.3, 42' S; 172° 30' E, h5km, M3.5/40, ML3.8/18, MLV3.5/40, Error ellipse: s-maj=0.0km

NOU 01 21:34:21.8:42.32S; 173.57E, h20km, MLV3.8/8, South Island, New Zealand

ISC 01 21:34:20.1:0.9, 42' 19S; 0103x173.53E; 0103, h10km, n81, s121/83, South Island

Main station list table for the first section, listing various stations and their coordinates.

IDC 01 21:47:07.0:8.5, 15.18Sx166.87E, h127km, 89km, mb3.5/3, mbtmp4.0/4, ML4.0/1, Error ellipse: s-maj=82.6km

s-min=35.8km az=143.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mont Dzumac, Stephens Creek, Alice Springs, Eielson Array.

JMA 01 21:47:25.0:3.23' N; 121.7E; 1.0, h0km, MV3.5/13, TAIWAN REGION

TAP 01 21:47:25.6:22.78N; 121.53E, h20km, ML3.6/C

ISC 01 21:47:24.9:1.0, 02.275N; 0.02x121.61E; 0.02, h20km, 1km, n110, s114/172, 1C-6D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ludao, Donghe, Chengkung, Longtian, Beinan.

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations including TWGBT, Pinang, Fulb, Haiduan, EHD, ECL, EYUL, ELDTW, YULB, YALB, LAY, LYUB, HGSD, TAW, TAWH, TAWH, EAST, EHY, EHY, STYH, TSMG, MASBT, SLIU, EGFH, YUS, YUS, SCGT, SGST, SMST, SMST, SCST, WTP, WTP, TPUB, TPUB, ALS, ALS, ESL, ESL, CHN1, CHN1, WVDT, WVDT, TWKB, TWKB, TWMT, TWMT, CHN4, WCKO, WCKO, TWK, TWK, WHYT, WHYT, CHN3, CHN3, CHN3, SHHT, SHHT, SSBL, SSBL, HWA, HWA, WSSB, WSSB, SSHA, SSHA, CHN2, CHN2, SMLT, SMLT, WUSB, WUSB, WUSB, WUSB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chiayi, Chawan, Zhushan, Yuch, Douliu, Renai, Mingjian, Fush Village, Xintownsh, Chigu Township, Shulin Townsh, Fushou, Guolierlin Hig, Taichung, Zhanghua, Taichung City, Nanau, Datong, Wuta, Nan Shan, Liyutan, Datong, Wufeng Townshi, Miaoli, Sanguang, Naniang, Neiteng, Emei, Fushanzhiwuyua, Wulai, Peng-hu, Penghu, Qimei, Yonagunijimaku, Shuangxi, Wufen Shan, Grass Mountain, Hateruma jima, Iriomote-Funau, Kuro-shima, Ishigaki jima, Ishigakijima, Houxiangcun, Tarama, Ma-tsu, Ao Xicun, Hateruma jima, Miyako jima3, Miayako, Dongshan, Yeshan, Jianjiangzhen.

IDC 01 22:02:56.2:2.24' N; 94.35E, h0km, mb3.3/3, mbtmp3.3/4, Error ellipse: s-maj=64.9km s-min=22.5km az=63.0

NDI 01 22:03:04.8:2.1, 25.02N; 94.60E, h18km, 22km, ML3.5

ISC 01 22:03:04.5:1.4, 24.93N; 0.09x94.64E; 0.07, h75km, 16km, n11, s114/172, mb3.1/3, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOKOCHONG, MOKO, MOKO, Sun Moon Lake, ITANAGAR, Shilong.

Table with columns: Station, Frequency, Power, Direction, etc. Includes stations like Las Juntas de, Grenada, Carri Dulce, etc.

Table with columns: Station, Frequency, Power, Direction, etc. Includes stations like Riachuelo, Las Mercedes, Cerro Castillo, etc.

Table with columns: Station, Frequency, Power, Direction, etc. Includes stations like Rowland, Franklin, Westbrook Farm, etc.

TKL	Tuckaleechee C	52.21 347	LR	23 12 45.8
TKL	Tuckaleechee C	52.21 347	P	22 49 35.3 -1.4
U56A	King	52.22 350	P	22 49 34.7 -2.0
U56A	King	52.22 350	P	22 49 37.2 +0.4
U56A	baz=168		P	22 49 37.2 +0.4
V52A	Sevierville	52.34 347	IAMB	22 49 45.9
V52A	Sevierville	52.34 347	P	22 49 36.5 -1.3
T59A	Double 'B' Far	52.43 353	P	22 49 36.2 -2.1
T59A	baz=172,SNR=10		P	22 49 36.2 -2.1
V51A	Loudon	52.48 346	P	22 49 36.9 -1.9
V51A	baz=164,SNR=14		S	22 57 04.0 -2.0
435B	Jarrell	52.64 331	P	22 49 40.4 +0.4
435B	Jarrell	52.64 331	S	22 57 10.7 +2.4
435B	baz=147		P	22 49 39.8 -0.2
435B	baz=147		S	22 57 11.4 +3.0
U54A	Nelsons Funny	52.64 349	IAMB	22 49 44.8
U54A	Nelsons Funny	52.64 349	P	22 49 38.7 -1.3
U54A	baz=167,SNR=22		P	22 49 38.7 -1.3
OXF	Oxford	52.67 341	P	22 49 38.3 -1.9
OXF	Oxford	52.67 341	P	22 49 37.8 -2.4
T57A	Hurt	52.68 351	P	22 49 40.0 -0.2
T57A	baz=170,SNR=15		P	22 49 40.0 -0.2
PLAL	Pickwick Lake	52.69 342	IAMB	22 49 45.2
SMAI	San Martin Ant	52.80 178	P	22 49 41.1 +0.4
237A	Washetta, Mont	52.86 333	IAMB	22 49 49.1
237A	Washetta, Mont	52.86 333	P	22 49 42.4 +0.8
237A	baz=149,SNR=16		S	22 57 15.8 +4.5
CCAR	Cane Creek	52.93 338	P	22 49 41.5 -0.7
TZTN	Tazewell	53.01 347	IAMS_20	23 11 58.6
TZTN	Tazewell	53.01 347	P	22 49 41.3 -1.4
TZTN	baz=165,SNR=13		P	22 49 40.6 -2.1
TZTN	baz=165,SNR=13		S	22 57 10.1 -3.1
V48A	Smith Brothers	53.04 344	IAMB	22 49 40.4 -2.6
V48A	baz=Z,296nm,1.3s		P	22 49 40.8 -2.1
BLA	Blackburg	53.07 350	IAMS_20	23 14 33.3
BLA	Blackburg	53.07 350	P	22 49 43.1 0.0
BLA	Blackburg	53.07 350	P	22 49 41.5 -1.6
BLA	baz=168,SNR=11		S	22 57 12.5 -1.5
W45A	Hickory Valley	53.19 341	P	22 49 42.0 -2.0
CLTN	Cedars of Leba	53.24 344	IAMB	22 49 49.5
S57A	Dark Hollow, R	53.39 352	P	22 49 43.9 -1.5
S57A	baz=170,SNR=9.4		P	22 49 43.9 -1.5
MET	Memphis-Engin	53.40 340	P	22 49 44.7 -0.8
JCT	Junction City	53.47 329	IAMB	22 49 52.9
JCT	Junction City	53.47 329	P	22 49 46.4 +0.2
JCT	Junction City	53.47 329	P	22 49 45.4 -0.8
JCT	Junction City	53.47 329	P	22 49 45.1 -1.1
U49A	Red Boiling Sp	53.50 345	P	22 49 44.4 -1.9
WHTX	Lake Whitney	53.59 332	IAMB	22 49 46.2 -0.8
WHTX	baz=176nm,1.1s		IAMB	22 49 53.2
WHTX	Lake Whitney	53.59 332	P	22 49 46.9 0.0
WHTX	baz=148		S	22 57 23.9 +2.6
WHTX	Lake Whitney	53.59 332	P	22 49 47.1 +0.1
WHTX	baz=148,SNR=25		S	22 57 25.8 +4.6
Z38A	Mt. Pleasant	53.60 335	P	22 49 46.6 -0.4
Z38A	Mt. Pleasant	53.60 335	P	22 49 48.4 +1.4
Z38A	baz=151,SNR=39		S	22 57 22.2 +1.0
CBN	Corbin Frederi	53.63 354	P	22 49 45.2 -1.9
CBN	baz=151,SNR=19.0s		IAMB	22 50 58.2
CBN	comp=Z,199nm,1.6s		IAMS_20	23 15 56.4
CBN	Corbin Frederi	53.63 354	P	22 49 44.6 -2.6
WWT	Waverly	53.69 343	IAMB	22 49 45.1 -2.6
WWT	baz=172		IAMB	22 49 50.2
WWT	Waverly	53.69 343	IAMS_20	23 14 10.3
WWT	Waverly	53.69 343	P	22 49 45.5 -2.1
WWT	baz=160,SNR=42		S	22 57 21.0 -1.4
WWT	Waverly	53.69 343	P	22 49 45.3 -2.3
WWT	baz=160		S	22 57 21.5 -0.9
WWT	Waverly	53.69 343	P	22 49 45.0 -2.6
WWT	Waverly	53.69 343	P	22 49 45.1 -2.6
WWT	comp=Z,106nm,1.0s		MLR	MLR
T50A	Nancy	53.76 346	P	22 49 45.9 -2.3
T50A	baz=163		P	22 49 45.9 -2.3
S54A	Dingess, Beckl	53.79 350	IAMB	22 49 53.1
S54A	comp=Z,202nm,1.1s		P	22 49 47.1 -1.3
S54A	Dingess, Beckl	53.79 350	P	22 49 47.1 -1.3
S54A	baz=168,SNR=24		P	22 49 47.1 -1.3
HALT	Halls	53.94 341	P	22 49 48.4 -1.0
R55A	Marlington	54.07 351	IAMB	22 51 00.5
R55A	Marlington	54.07 351	P	22 49 50.4 -0.1
R55A	baz=169,SNR=9.5		P	22 49 50.4 -0.1
S51A	Beattyville	54.07 347	P	22 49 48.5 -2.0
S51A	baz=165		P	22 49 48.5 -2.0
MIAR	Mount Ida	54.16 337	P	22 49 50.4 -0.8
MIAR	baz=153,SNR=146		S	22 57 29.0 +0.1
MIAR	Mount Ida	54.16 337	P	22 49 49.8 -1.4
UTMT	University of	54.19 342	P	22 49 50.2 -1.1
GNAR	Gosnell	54.20 341	P	22 49 50.5 -0.9
PEBM	Pemiscott Bayo	54.28 341	P	22 49 51.2 -0.7
T47A	Sharon Grove	54.29 344	IAMB	22 49 57.1
T47A	comp=Z,200nm,0.9s		IAMB	22 49 49.9 -2.1
T47A	Sharon Grove	54.29 344	P	22 49 49.9 -2.1
T47A	baz=161,SNR=42		P	22 49 49.9 -2.1

FW02	City of Haslet	54.34 332	P	22 49 53.0 +0.5
FW02	comp=Z,206nm,1.0s		IAMB	22 49 55.6
R53A	Hurricane	54.42 349	IAMB	22 49 57.4
R53A	comp=Z,176nm,1.2s		P	22 49 51.8 -1.2
R53A	Hurricane	54.42 349	P	22 49 51.8 -1.2
R53A	baz=167,SNR=17		P	22 49 51.8 -1.2
PVMO	Portageville	54.51 341	P	22 49 53.0 -0.6
SLBS	Sierra La Lagu	54.53 315	IAMB	22 49 53.9 -0.3
SLBS	comp=Z,220nm,1.6s		IAMB	22 50 00.1
Z35A	Sierra La Lagu	54.53 315	P	22 49 54.6 +0.5
Z35A	Perchawen, San	54.63 333	P	22 49 55.4 +0.8
Z35A	baz=148,SNR=20		S	22 57 38.6 +3.3
TX31	Lajillas Ar. Si	54.63 324	IAMB	22 50 02.3
TX31	comp=Z,291nm,1.2s		P	22 49 54.1 -0.6
TX31	Lajillas Ar. Si	54.63 324	P	22 49 54.1 -0.6
TXAR	Lajillas Arroy	54.63 324	P	22 49 54.7 -0.1
TXAR	comp=Z,255nm,1.1s, baz=144,slow=8.9,SNR=84		LR	23 11 49.1
TXAR	comp=Z,7um,20.3s, baz=134,slow=34		LR	23 20 19.9
TXAR	comp=Z,1.4nm,1.0s, baz=270,slow=1.3,SNR=5.8		PKP2bc	23 20 19.9
TXAR	comp=Z,255nm,1.1s		PKP2bc	23 20 19.9
LCAR	Lake Charles	54.66 340	IAMB	22 49 58.2
LCAR	comp=Z,242nm,1.2s		IAMB	22 49 52.8 -1.9
LCAR	Lake Charles	54.66 340	P	22 49 52.8 -1.9
Q56A	Snyder Ridge,	54.68 352	P	22 49 55.0 +0.1
Q56A	baz=170		P	22 49 55.0 +0.1
T45B	Paducah	54.75 342	P	22 49 53.9 -1.4
SDM	Soldier's Deli	54.77 354	P	22 49 54.9 -0.6
FCAR	Ozark Folk Ckn	54.83 339	IAMB	22 50 01.3
FCAR	comp=Z,165nm,0.9s		IAMB	22 50 01.0
R50A	Paris	54.85 347	IAMB	22 50 01.0
R50A	comp=Z,158nm,1.2s		P	22 49 54.3 -1.8
R50A	Paris	54.85 347	P	22 49 54.3 -1.8
R50A	baz=164,SNR=27		P	22 49 54.3 -1.8
R50A	baz=164,SNR=27		S	22 57 42.6 +4.5
R50A	baz=164		S	22 57 42.6 +4.5
Q54A	Coxs Mills	54.87 350	IAMB	22 50 01.5
Q54A	comp=Z,295nm,1.6s		IAMB	22 49 54.3 -1.9
Q54A	Coxs Mills	54.87 350	P	22 49 54.3 -1.9
Q54A	baz=168,SNR=18		P	22 49 54.3 -1.9
X37A	Clayton	54.91 335	P	22 49 56.9 +0.4
X37A	baz=151,SNR=131		S	22 57 42.5 +3.5
P57A	Homestead Farm	54.97 353	P	22 49 56.3 -0.6
P57A	Homestead Farm	54.97 353	P	22 49 56.4 -0.4
P57A	baz=172		P	22 49 56.4 -0.4
R49A	Shelbyville	55.05 346	IAMB	22 50 02.2
R49A	comp=Z,156nm,1.2s		P	22 49 55.4 -2.1
R49A	Shelbyville	55.05 346	P	22 49 55.4 -2.1
R49A	baz=163,SNR=22		P	22 49 55.4 -2.1
LPIG	La Paz	55.05 315	LR	23 09 40.7
Q52A	Bidwell	55.09 349	IAMB	22 50 02.2
Q52A	comp=Z,203nm,1.2s		IAMB	22 49 56.3 -1.5
Q52A	Bidwell	55.09 349	P	22 49 56.3 -1.5
Q52A	baz=166,SNR=23		P	22 49 56.3 -1.5
ABTX	Ablene, Hawle	55.14 330	P	22 49 58.2 -0.1
ABTX	baz=146,SNR=54		S	22 57 45.0 +2.8
ABTX	Ablene, Hawle	55.14 330	P	22 49 58.6 +0.3
ABTX	baz=146,SNR=54		S	22 57 46.2 +4.0
LOOK	Love County	55.16 333	IAMB	22 49 58.0 -0.4
LOOK	comp=Z,396nm,1.3s		IAMB	22 50 05.2
WCI	Wyandotte Cave	55.26 345	P	22 49 57.0 -2.0
WCI	comp=Z,147nm,1.0s		IAMB	22 50 03.7
WCI	Wyandotte Cave	55.26 345	P	22 49 56.7 -2.3
WCI	baz=162,SNR=25		P	22 49 56.0 -3.0
WCI	Wyandotte Cave	55.26 345	P	22 49 56.9 -2.1
WCI	Wyandotte Cave	55.26 345	P	22 49 57.0 -2.0
WCI	comp=Z,147nm,1.0s		MLR	MLR
WCI	comp=Z,19um,19.0s		IAMB	22 51 05.2
CGM3	Cape Girardeau	55.31 342	P	22 49 56.8 -2.7
CGM3	comp=Z,156nm,1.5s		IAMB	22 50 04.9
Q51A	Peebles	55.36 348	P	22 49 58.4 -1.4
Q51A	baz=165,SNR=9.7		P	22 49 58.4 -1.4
MCWV	Mont Chateau	55.38 351	P	22 49 58.2 -1.7
MCWV	comp=Z,10um,22.0s		IAMS_20	23 15 06.4
MCWV	Mont Chateau	55.38 351	P	22 50 00.2 +0.3
MCWV	baz=169		P	22 49 55.6 -4.2
P53A	Whipple	55.45 350	IAMB	22 50 05.0
P53A	comp=Z,219nm,1.1s		P	22 49 58.6 -1.7
P53A	Whipple	55.45 350	P	22 49 58.6 -1.7
P53A	baz=168,SNR=36		P	22 49 58.5 -2.7
S44A	Carbondale	55.56 342	P	22 49 59.4 -1.8
S44A	Carbondale	55.56 342	P	22 49 59.4 -1.8
S44A	baz=158,SNR=119		S	22 57 45.1 -2.4
PAGS	Pennsylvania G	55.57 354	P	22 49 59.8 -1.4
ASCN	Ascension	55.58 89	IAMS_20	23 10 59.5
P52A	Corning	55.72 349	IAMB	22 50 06.5
P52A	comp=Z,158nm,1.1s		IAMS_20	23 16 05.3
P52A	Corning	55.72 349	P	22 50 00.1 -2.2
P51A	Williamsport	55.74 348	IAMB	22 50 07.1
TRIS	Tristan da Cun	58.11 125	IAMS_20	23 11 38.9
HHAR	Hobbs	58.84 337	P	22 50 02.0 -1.3
O54A	Avella	59.97 351	P	22 50 03.3 -0.8
O54A	baz=169		P	22 50 03.3 -0.8
SSPA	Standing Stone	56.09 353	P	22 50 04.0 -1.9
SSPA	Standing Stone	56.09 353	P	22 50 04.0 -0.9
SSPA	Standing Stone	56.09 353	P	22 50 03.3 -1.7
P49A	Miami Univ. Ec	56.13 347	IAMB	22 50 09.7
P49A	comp=Z,154nm,1.2s		P	22 50 03.2 -2.1
P49A	Miami Univ. Ec	56.13 347	P	22 50 02.8 -2.5
O52A	Adamsville	56.14 350	IAMB	22 50 10.3
O52A	comp=Z,241nm,1.4s		P	22 50 04.2 -1.1
O52A	Adamsville	56.14 350	P	22 50 04.2 -1.1
O52A	baz=167,SNR=17		P	22 50 04.2 -1.1

PAL	Palisades	56.14 357	IAMS_20	23 14 53.0
PAL	Palisades	56.14 357	P	22 50 02.6 -2.7
U38A	Gravette	56.14 337	IAMB	22 50 10.8
U38A	Gravette	56.14 337	P	22 50 04.2 -1.3
U38A	baz=152,SNR=54		S	22 57 55.6 +0.1
RLO	Rose Lookout	56.15 336	IAMB	22 50 10.6
RLO	comp=Z,521nm,1.1s		IAMB	22 50 10.9
O53A	New Philadelphia	56.16 350	IAMB	22 50 10.9
O53A	comp=Z,370nm,1.0s		IAMS_20	23 17 06.2
O53A	New Philadelphia	56.16 350	P	22 50 03.4 -2.1
FVM	French Village	56.18 341	P	22 50 04.3 -1.4
OLIL	Olney	56.20 344	IAMB	22 51 07.9
OLIL	comp=Z,98nm,1.1s		P	22 50 03.5 -2.3
OLIL	Olney	56.20 344	P	22 50 03.5 -2.3
BLO	Bloomington	56.21 345	IAMB	22 50 10.5
UPAO	U. Pittsburgh	56.21 351	P	22 50 06.0 +0.2
P48A	Milroy	56.22 346	P	22 52 02.9

1d 22h

Table with columns: ID, Name, Az, El, P, I, A, M, B, Az, El, P, I, A, M, B. Rows include: PV02 Paradox Valley, PV13 Radium Mtn., D41A Chassel, PV03 Paradox Valley, PV05 Paradox Valley, PV12 Saucer Basin, PV18 Skein Mesa, Pa, BLYC Blythe, PV11 David Mesa, Pa, PV17 East Wray Mesa, PV16 Nyswonger Mesa, PV19 Morning Glory, PV20 West Nyswonger, F36A Milaca, PV04 Paradox Valley, CCX Cicese, PDMCI Parker Dam, LAK, PV22 Blue Mesa, Par, PV14 Lion Creek, PV10 Paradox Valley, YUH Yuh Desert, PV23 Carpenter Ridg, RMX La Rumorosa, PV21 Cone Mtn., Par, SWSC Sam W. Stewart, IKP In-Ko-Pah, Jac, CBX Cerro Bola, U15A North Rim, BC3 Big Chuckawall, W13A Hualapai Mount, TKX Tecate, N23A Red Feather La, N23A Red Feather La, N23A Miller, SUSD Miller, SUSD Monument Peak, MONP2 Iron Mountain, IRM Iron Mountain, IRM Barrett, NEE2 Needles Airpor, BELA Belgrano 2, F33A 5 Mile Ranch, 109C Camp Elliot, M, 109C White River Ci, BMD Belle Mtn, Jos, PMLC Palm Desert, PTFO Pinon Flats, PFO Pinoy Flats O, PFO Pinoy Flats O, KAPO Kapuskasing, DRLN Deer Lake, KNB Kanab, PKCU Pink Cliffs, GMRC Granite Mounta, EYMN Ely, EYMN Ely, EYMN Ely, SRU San Rafael Swe, V12A Nelson, MURC Murrieta, MTPU Mount Pierson, Q16A Castle Valley, P18A Preston Nutter

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Table with columns: ID, Name, Az, El, P, I, A, M, B, Az, El, P, I, A, M, B. Rows include: ELS Elsinore Mount, RWWY Rawlins, RWWY Rawlins, SZCU Shurtz Canyon, BBRC Big Bear Solari, HEC Hector, Luddow, HEC Hector, P17A Butcher Ranch, CCUT Cedar City, WTNK Soaring Height, TMUT Trail Mountain, TUQ Turquoise Moun, SC12 San Clemente I, TCRU Three Creeks R, VNA3 Neumayer Olymp, VNA3 Neumayer Olymp, K22A Caspe, K22A Caspe, CIS Catalina Islan, RRR Edison Barstow, BFSC Mount Baldy Ra, D32A Dogwood Acres, RSSD Black Hills, RSSD Black Hills, RSSD Black Hills, RSSD Black Hills, RSSD Black Hills, RSSD Black Hills, RSSD Black Hills, FMP Fort Macarthur, VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, B35A Bob, Littlefor, GSC Goldstone, Bar, GSC Goldstone, Bar, SHOC Shoshone, Teco, PASC Pasadena Art C, MPU Maple Canyon, DECC Green Verdugo, VNA2 Neumayer-Watz, VNA2 Neumayer-Watz, PRN Pahroc Range, PRN Pahroc Range, SNCC San Nicolas Is, SNCC San Nicolas Is, EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, QSM Queen of Sheba, QSM Queen of Sheba, NLU North Lily Min, NLU North Lily Min, GWY Greenwater Val, GWY Greenwater Val, AGMN Agassiz Natio, AGMN Agassiz Natio, JLU Jordanelle, E28A Huff, CCAC Calif Citr Air, LRMC Laurel Mtn Rdr, LRMC Laurel Mtn Rdr, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, OSI Osito Audit: C, FURC Furnace Creek, FURC Furnace Creek, CTU Camp Tracy, WCT Wildcat Mounta, MPMC Manual Prospec, MPMC Manual Prospec, S11A Rachel, SC22 Santa Cruz Isl, SPR3 Spring Creek 3, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, ARVC Arvin, ISA Isabella, Lake, ISA Isabella, Lake, BW06 Boulder Array, BW06 Boulder Array

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Table with columns: ID, Name, Az, El, P, I, A, M, B, Az, El, P, I, A, M, B. Rows include: BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, R11A Troy Canyon, R11A Troy Canyon, SBC Santa Barbara, MDND Maddock, MDND Maddock, MACI Morro de la Ar, MACI Morro de la Ar, HWUT Hardware Ranch, HWUT Hardware Ranch, BCW Bitter Crk WRG, BCW Bitter Crk WRG, GRAC Grapevine Rang, GRAC Grapevine Rang, GRAC Grapevine Rang, CWC Cottonwood Cre, CWC Cottonwood Cre, GMN Gold Mountain, GMN Gold Mountain, PKM Mpherson Peak, PKM Mpherson Peak, SPUT South Promonto, SPUT South Promonto, BGU Big Grassy Mou, BGU Big Grassy Mou, YES Vestal, Richgr, YES Vestal, Richgr, LCH Last Change Ra, LCH Last Change Ra, LIC Lamto, LIC Lamto, MZP Montezuma Peak, MZP Montezuma Peak, SNAASanae, SNAASanae, SNAASanae, SNAASanae, SNAASanae, SNAASanae, TIC Toumodi, TIC Toumodi, TIN Tinema, Big, TIN Tinema, Big, SMMC Simmler, SMMC Simmler, AHID Auburn Hatcher, AHID Auburn Hatcher, DSP Deep Springs, DSP Deep Springs, TPH Tonopah, TPH Tonopah, HVU Hansel Valley, HVU Hansel Valley, DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro, KIC Kosan Boka, KIC Kosan Boka, VOG Valley Oaks Go, VOG Valley Oaks Go, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, REDW Red Top Meadow, REDW Red Top Meadow, SNOW Snow King Moun, SNOW Snow King Moun, LOHW Long Hollow, LOHW Long Hollow, Q09A Carvers, Q09A Carvers, MOOW Moose Ponds, MOOW Moose Ponds, FXWY Fox Creek, FXWY Fox Creek, ELK Elko, ELK Elko, MLAC Mammoth, MLAC Mammoth, IMW Indian Meadow, IMW Indian Meadow, FLWY Flagg Ranch, FLWY Flagg Ranch, OMMB Old Mammoth M, OMMB Old Mammoth M, LAO LASA Array, LAO LASA Array, LAO LASA Array, LAO LASA Array, NV11 Mina Array Sit, NV11 Mina Array Sit, MDPB Devils Postpil, MDPB Devils Postpil, RLMT Red Lodge, RLMT Red Lodge, RLMT Red Lodge, RLMT Red Lodge

RLMT	baz=140,SNR=14	S	P	23 00 47.1	+2.7	
NVAR	baz=140 Mina Array Bea	69.61 322	P	P	22 51 35.1	-0.3
NVAR	comp=Z,11nm,0.9s,ba _z =147,slow=7.0,SNR=25 PKPPK	P	P	22 19 40.9	+0.9	
NVAR	comp=Z,0.9nm,0.8s,ba _z =267,slow=5.2,SNR=3.7 LR	P	P	23 21 26.5		
LHV	comp=Z,2µm,21.0s,ba _z =128,slow=35 LRL	S	P	22 51 36.0	+0.9	
LHV	comp=Z,137nm,1.4s	69.66 331	P	P	22 51 41.5	
H17A	Grant Village	69.66 331	P	P	22 51 36.7	+1.1
H17A	Grant Village	69.66 331	P	P	22 51 36.2	+0.6
H17A	baz=139	S	S	23 00 48.9	+3.8	
LKWP	baz=139	69.70 331	I	Amb	22 51 47.5	
YMP	comp=Z,141nm,0.8s	69.72 331	P	I	22 51 35.9	-0.1
YMP	Mirror Lake PI	P	I	22 51 55.7		
PMPB	comp=Z,120nm,1.0s	69.75 319	P	P	22 51 37.0	+0.8
YUF	Upper Falls	69.86 331	P	P	22 51 37.8	+0.9
RYN	Ryan	69.87 322	P	P	22 51 37.5	+0.5
KVN	Kaiserville	69.89 322	P	I	22 51 37.0	-0.1
KVN	comp=Z,132nm,1.4s	69.89 322	P	P	22 51 37.0	-0.1
KVN	Kaiserville	69.89 322	P	P	22 51 37.0	-0.1
YNR	comp=Z,132nm,1.4s Norris Junction	69.94 331	I	Amb	22 51 45.9	
SCHO	Schefferville	69.98 2	P	P	22 51 37.2	+0.1
SCHO	comp=Z,48nm,1.0s,ba _z =200,slow=4.4,SNR=16 LR	69.98 2	P	P	23 22 24.9	
SCHO	comp=Z,6µm,21.1s,ba _z =192,slow=36 LR	69.98 2	P	P	22 51 35.0	-0.2
SCHO	Schefferville	69.98 2	P	P	22 51 35.0	-0.2
YMR	Madison River	70.04 331	P	I	22 51 38.4	+0.4
PZOZ	comp=Z,99nm,0.9s	70.07 46	eS	LR	23 00 42.7	-7.4
PZOZ	Porto Moniz, M	70.07 46	eS	LR	23 14 51.5	
BBO	Big Mountain B	70.13 319	P	P	22 51 38.4	-0.1
BGGB	comp=Z,101nm,0.8s	70.16 337	P	I	22 51 49.4	
DGMT	Dagmar	70.16 337	P	P	22 51 38.4	0.0
DGMT	comp=Z,6µm,20.0s	70.16 337	P	I	23 24 08.0	
DGMT	Dagmar	70.16 337	P	P	22 51 38.9	+0.5
DGMT	baz=146,SNR=118	S	S	23 00 56.4	+5.9	
YHB	Horse Butte	70.21 331	P	P	22 51 39.4	+0.4
YHB	comp=Z,103nm,0.8s	70.21 331	P	I	22 51 48.8	
YHL	Hebgen Lake	70.28 331	I	Amb	22 51 45.6	
BMN	comp=Z,216nm,1.2s	70.30 324	P	P	22 51 40.3	+0.7
BMN	Battle Mountai	70.30 324	P	P	22 51 40.3	+0.7
BMN	comp=Z,75nm,1.5s	70.34 321	P	P	22 51 40.3	+0.5
WAKR	Walker	70.34 321	P	I	22 51 46.1	
TROLL	comp=Z,193nm,1.5s	70.35 162	P	P	22 51 40.2	+0.8
TROLL	Troll, Antartii	70.35 162	PKPPK	P	23 19 36.6	
SAO	San Andreas Ge	70.50 319	P	P	22 51 40.4	-0.2
SAO	San Andreas Ge	70.50 319	P	P	22 51 40.4	-0.2
YERR	comp=Z,49nm,1.1s	70.53 322	P	P	22 51 41.4	+0.3
YERR	Verington	P	I	22 51 50.6		
CMB	comp=Z,260nm,1.4s	70.62 320	P	P	22 51 41.6	+0.2
CMB	Columbia Colle	70.62 320	P	P	22 51 41.6	+0.2
PNTR	comp=Z,85nm,1.4s	70.81 322	P	P	22 51 43.2	+0.4
PNTR	Pine Nut	P	I	22 51 52.5		
HLID	comp=Z,142nm,1.1s	70.94 328	I	Amb	22 51 49.1	
HLID	Halley	I	Amb	23 25 17.8		
HLID	comp=Z,7µm,22.0s	70.94 328	P	P	22 51 44.0	+0.6
HLID	Halley	S	P	22 51 66.7	+6.6	
HLID	baz=135,SNR=55	S	S	23 01 06.7	+6.6	
VCNR	Virginia City	70.97 322	P	P	22 51 44.1	+0.3
BOZ	comp=Z,128nm,1.2s	71.05 331	I	Amb	23 26 41.8	
BOZ	Bozeman (W)	71.05 331	P	P	22 51 44.1	+0.1
BOZ	comp=Z,7µm,20.0s	71.05 331	P	P	23 01 06.3	+5.1
BOZ	Bozeman (W)	S	S	23 01 06.3	+5.1	
MPK	baz=138	71.20 322	P	P	22 51 45.5	+0.2
MPK	Martis Peak	P	I	22 51 53.2		
AFDM	comp=Z,102nm,1.1s	71.55 321	P	P	22 51 47.1	+0.1
AFDM	Forest Hills D	P	I	22 51 52.5		
BEKR	comp=Z,135nm,1.6s	71.75 322	P	P	22 51 48.8	+0.4
PLTX	Beekwirth	71.77 323	P	P	22 51 49.5	+1.1
PLTX	Planet X, Gerl	P	I	22 51 56.3		
EGMT	comp=Z,151nm,1.0s	72.05 334	I	Amb	23 27 28.2	
EGMT	Eagleton	P	I	23 27 28.2		
EGMT	comp=Z,6µm,19.0s	72.05 334	P	P	22 51 50.0	+0.2
EGMT	Eagleton	S	S	23 01 17.3	+4.8	
MCCM	baz=140	72.24 319	P	P	22 51 51.6	+0.4
MCCM	Marcconi Confer	P	I	22 51 56.8		
WVOR	comp=Z,194nm,1.2s	72.42 325	P	P	22 51 52.6	+0.3
WVOR	Wild Horse Val	P	P	22 51 51.5	-0.3	
WVOR	Wild Horse Val	P	P	22 51 52.6	+0.3	
WVOR	Wild Horse Val	P	P	22 51 52.6	+0.3	
WVOR	comp=Z,55nm,1.2s	P	MLR			
GDXM	comp=Z,4µm,21.0s	72.58 320	P	P	22 51 53.6	+0.3
PLID	Geysters	72.82 328	P	I	22 51 59.8	
PLID	Pearl Lake	P	I	23 26 27.3		
JORA	comp=Z,139nm,1.2s	72.94 326	P	P	22 51 55.3	-0.1
MOD	Circle Bar Ran	72.94 326	P	P	22 52 04.2	
MOD	Modoc Plateau	P	I	22 52 07.7		
MSO	comp=Z,226nm,1.2s	73.04 331	I	Amb	22 52 07.7	
MSO	Missoula	P	P	22 51 56.4	+0.5	
MSO	comp=Z,156nm,1.4s	73.04 331	P	P	23 01 30.1	+0.2
MSO	Missoula	S	SKIPP	23 01 30.1	+0.2	
NVL	baz=136	73.17 160	eS	P	22 51 54.8	-1.4
NVL	N'iazarevskaya	P	S	23 01 19.8	-4.8	
KCPM	comp=Z,93nm,1.3s	73.60 320	P	I	22 51 58.2	-1.1
KCPM	Cahto Peak	P	Amb	22 52 05.7		
K05A	Summer Lake	73.88 324	P	P	22 52 00.8	-0.3
K05A	comp=Z,292nm,1.5s	73.92 250	eP	P	22 52 02.8	+1.3
TBI	comp=Z,4µm,26.5s	eS	SKIPP	23 01 33.0	+1.2	
TBI	comp=Z,35µm,29.5s	eS	SS	23 06 17.9	-1.0	
TBI	comp=Z,14µm,26.8s	eLR	LR	23 14 38.8		
TBI	comp=Z,193µm,31.2s	eLR	LR	23 14 38.8		
KMRM	comp=Z,113µm,34.8s	74.00 321	P	P	22 52 02.2	+0.6
KMRM	Mait Ridge	P	I	22 52 07.8		
F10A	comp=Z,129nm,1.2s	74.06 328	I	Amb	22 52 07.6	

F10A	comp=Z,175nm,1.4s	74.06 328	I	P	22 52 02.3	+0.4
KMMP	Beach Ranch, E	74.07 320	I	P	22 52 03.9	+0.1
KMMP	Mount Pierce	P	I	22 52 09.9		
KHMM	comp=Z,141nm,1.2s	74.40 321	P	I	22 52 03.6	-0.4
KHMM	Horse Mountain	P	I	22 52 12.8		
G08A	comp=Z,134nm,1.2s	74.49 327	P	P	22 52 04.4	-0.1
PINE	Pilot Rock	74.59 325	P	P	22 52 04.9	-0.2
WALA	comp=Z,160nm,1.1s	74.65 332	I	Amb	22 52 11.5	
WALA	Waterton Lakes	I	Amb	22 52 11.5		
WALA	comp=Z,116nm,1.1s	74.65 332	I	P	22 52 05.1	-0.2
FFC	Flin Flon	74.68 342	I	Amb	22 52 03.9	-1.2
FFC	Flin Flon	I	Amb	22 52 09.4		
FFC	comp=Z,121nm,1.1s	74.68 342	P	P	22 52 03.9	-1.2
FFC	Flin Flon	P	P	22 52 03.9	-1.2	
FFC	comp=Z,121nm,1.1s	P	P	22 52 03.9	-1.2	
FFC	Flin Flon	P	P	22 52 03.9	-1.2	
KRPM	comp=Z,10µm,18.0s	74.75 321	P	P	22 52 05.2	-0.7
KRPM	Rodgers	P	I	22 52 13.9		
QSPA	comp=Z,274nm,1.2s	74.81 180	LR	LR	23 25 07.1	
QSPA	South Pole Qui	74.81 180	P	P	22 52 05.9	-0.2
QSPA	comp=Z,2µm,20.8s,ba _z =166,slow=36	74.81 180	P	P	22 52 13.4	
QSPA	South Pole Qui	74.81 180	P	P	22 52 13.4	
E09A	comp=Z,112nm,1.1s	74.89 328	I	Amb	22 52 11.7	
E09A	Wood Farm, Sta	74.89 328	I	Amb	22 52 11.7	
HUMO	comp=Z,180nm,1.4s	74.99 323	I	P	22 50 07.2	-0.1
HUMO	Hull Mountain	P	P	22 52 08.1	-0.4	
PPT2	Pamati, Papee	75.09 256	P	P	22 52 09.6	+1.0
PPT2	Papeete2	75.10 256	eP	P	23 01 45.7	-2.6
PPT2	comp=Z,1µm,25.2s	75.10 256	eS	LR	23 15 11.0	
PPT2	Papeete2	75.10 256	eLR	LR	23 15 11.0	
PPT2	comp=Z,17µm,25.0s	75.10 256	eLR	LR	23 15 11.8	
PPT2	Papeete2	P	P	23 15 11.8		
PPT2	comp=Z,14µm,27.2s	75.11 256	LR	LR	23 17 26.3	
PPT2	Papeete2	P	P	22 52 10.2	+0.7	
F07A	comp=Z,5µm,20.9s,ba _z =90,slow=30	75.40 327	P	I	22 52 15.8	
F07A	Phinny Hill Vi	75.40 327	P	I	22 52 15.8	
DBO	comp=Z,207nm,1.4s	75.47 323	P	I	22 52 10.0	-0.1
DBO	Dodson Butte	P	I	22 52 22.8		
KBO	comp=Z,152nm,1.2s	75.50 322	P	I	22 52 10.0	-0.3
KBO	Bosley Butte	P	I	22 52 18.2		
HAWA	comp=Z,280nm,1.2s	75.52 327	P	P	22 52 10.8	+0.6
HAWA	Hanford	P	I	22 52 15.9		
HAWA	Hanford	P	I	23 25 32.1		
HAWA	comp=Z,148nm,1.2s	I	Amb	23 25 32.1		
HAWA	Hanford	P	I	22 52 11.1	+0.9	
NEW	Newport	75.58 330	I	LR	23 29 45.5	
NEW	comp=Z,9µm,19.3s,ba _z =124,slow=35	75.58 330	I	Amb	23 29 25.4	
NEW	Newport	75.58 330	I	Amb	23 29 25.4	
NEW	Newport	75.58 330	P	P	22 52 09.9	-0.7
NEW	baz=134	S	S	23 01 55.6	+3.3	
D08A	baz=134	75.65 328	I	Amb	22 52 16.7	
D08A	Wollman Farm,	75.65 328	I	Amb	22 52 16.7	
C09A	comp=Z,202nm,1.5s	75.83 329	I	Amb	22 52 26.4	
C09A	Christman Ranch	75.83 329	I	Amb	22 52 26.4	
H04A	comp=Z,112nm,1.1s	75.85 325	P	P	22 52 11.6	-0.1
H04A	Detroit Lake	P	P	22 52 11.6	-0.1	
HOOD	comp=Z,126nm,1.2s	75.95 326	I	Amb	22 52 21.2	
HOOD	Mount Hood Mea	P	I	22 52 21.2		
KEBM	comp=Z,191nm,1.1s	75.96 322	P	P	22 52 12.1	-0.8
KEBM	Edson Butte	P	P	22 52 13.3	+0.2	
BUCK	comp=Z,140nm,1.5s	75.99 324	P	I	22 52 18.4	
BUCK	Buck Mountain	P	I	22 52 18.4		
FCC	comp=Z,251nm,1.2s	76.28 348	I	Amb	22 52 18.2	
FCC	Fort Churchill	I	Amb	22 52 18.2		
COR	comp=Z,110nm,1.1s	76.41 324	P	P	22 52 15.7	+0.4
COR	Corvallis	P	I	22 52 23.1		
COR	comp=Z,148nm,1.0s	76.41 324	P	P	22 52 15.7	+0.4
COR	Corvallis	P	P	22 52 15.7	+0.4	
COR	comp=Z,123nm,1.7s	P	P	22 52 15.7	+0.4	
COR	Corvallis	P	P	22 52 15.7	+0.4	
COR	comp=Z,148nm,1.0s	MLR	MLR			
SRHM	comp=Z,4µm,22.0s	76.60 51	P	P	22 52 22.0	+5.2
SRHM	Skhour des Reh	P	P	22 52 17.2	+0.3	
LTJ	Liberty	76.68 328	I	Amb	22 52 22.5	
ELIB	comp=Z,151nm,1.3s	76.79 161	dP	P	22 52 17.4	+0.1
ELIB	Princess Elisa	P	P	22 52 17.4	+0.1	
LON	comp=Z,55nm,1.7s	76.95 327	P	P	22 52 18.7	+0.3
LON	Longmire	P	P	22 52 18.7	+0.3	
LON	comp=Z,52nm,1.2s	77.05 325	P	P	22 52 17.7	-1.3
HEBO	Mount Hebo	77.05 325	P	P	22 52 20.5	+0.2
D05A	comp=Z,2µm,20.0s	77.32 327	P	P	23 02 19.7	-1.1
D05A	Enumclaw	P	P	23 02 19.7	-1.1	
AVER	Averroes	77.34 50	S	P	22 52 19.7	-1.1
AVER	Averroes	77.34 50	S	P	22 52 19.7	-1.1
AVER	Averroes	77.34 50	S	P	22 52 19.7	-1.1
AVER	Averroes	77.34				

1d 22h

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Table with columns: SUR, Sutherland, 83.21 122, LR, LR, 23 26 31.8, ...

Table with columns: MAW, Mawson, 90.69 164, P, P, 22 53 33.5 +5.1, ...

Table with columns: BARN, comp=Z,70nm,1.3s, IAMB, IAMB, 22 53 51.7, ...

Table with columns for station ID, name, coordinates, and various data points. Includes stations like J26L Joseph Creek, CLUD Cludnico, I26K Coal Creek Min, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like CLL, IL31, ILAR, H25L, WAT1, RC01, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like SUA Susitna One, CUT Chulitna, H24K Noodor Dome, etc.

1d 23h

Table with columns: PDSI, Padang, 81.31 272 P, P, 23 39 56.1 -1.2, 23 39 58.5 +1.5, 23 39 58.0 +0.8, 23 39 59.2 +1.6, 23 39 57.3 +0.1, 23 39 58.9 +1.0, 23 39 59.4 +1.5, 23 39 59.4 +1.3, 23 58 28.4 +0.9, 81.56 50 P, P, 23 39 59.0 +0.9, 81.58 45 P, P, 23 39 59.1 +0.7, 81.53 44 P, P, 23 39 59.5 +1.0, 23 40 01.3, 81.71 11 P, P, 23 39 58.5 +0.3, 81.72 45 P, P, 23 39 59.1 -0.1, 81.78 55 P, P, 23 39 59.2 -0.1, 81.80 10 P, P, 23 39 58.6 0.0, 81.84 51 P, P, 23 40 01.0 +1.4, 81.84 51 P, P, 23 40 01.5 +1.9, 82.02 43 Iamb Iamb, 23 40 02.8, 82.06 46 P, P, 23 40 01.8 +1.1, 82.09 49 P, P, 23 40 02.9 +2.2, 82.11 41 P, P, 23 40 01.4 +0.5, 23 40 02.9, 82.16 37 Iamb Iamb, 23 40 04.0, 82.24 323 I/P, Pmax, 23 40 01.8 +0.5, 82.31 40 P, P, 23 40 03.0 +1.1, 23 40 04.4, 82.34 47 P, P, 23 40 03.3 +1.1, 23 42 08.1 +1.9, 82.46 39 P, P, 23 40 04.5 +1.8, 23 40 05.1, 82.48 47 P, P, 23 40 03.5 +0.8, 23 40 04.6, 82.48 44 P, P, 23 40 03.6 +0.7, 23 40 05.2, 82.52 10 P, P, 23 40 03.5 +1.1, 82.55 47 P, P, 23 40 04.2 +0.9, 82.56 12 P, P, 23 40 02.8 +0.2, 82.68 48 P, P, 23 40 05.7 +1.7, 82.71 278 P, P, 23 40 05.0 +0.6, 82.71 278 P, P, 23 40 05.1 +0.6, 23 40 03.4 -1.1, 82.76 13 P, P, 23 40 04.1 +0.5, 82.77 45 P, P, 23 40 05.0 +0.7, 82.92 37 P, P, 23 40 05.2 +0.4, 23 40 06.3, 83.04 12 P, P, 23 40 04.8 -0.1, 83.08 38 Iamb Iamb, 23 40 08.7, 83.08 13 Iamb Iamb, 23 40 06.0, 83.11 46 P, P, 23 40 07.0 +1.0, 83.12 313 P, P, 23 40 06.6 +0.7, 83.26 45 P, P, 23 40 08.1 +1.3, 83.28 13 P, P, 23 40 06.5 +0.3, 83.36 42 Iamb Iamb, 23 40 09.5, 83.36 278 P, P, 23 40 07.2 -0.3, 23 40 09.3, 83.36 14 P, P, 23 40 07.1 +0.5, 23 40 07.7, 83.37 14 P, P, 23 40 07.1 +0.5, 83.50 52 P, P, 23 40 09.8 +1.8, 83.50 52 P, P, 23 40 10.2 +2.2, 83.58 12 Iamb Iamb, 23 40 07.8, 83.58 12 P, P, 23 40 07.5 -0.3, 83.63 40 P, P, 23 40 09.7 +1.3, 83.99 14 P, P, 23 40 09.5 0.0, 84.03 275 P, P, 23 40 10.2 -0.7, 23 40 11.5, 84.07 280 P, P, 23 40 12.7 +1.6, 84.08 38 P, P, 23 40 11.9 +1.3, 23 40 13.3, 84.12 37 Iamb Iamb, 23 40 12.5, 84.17 53 P, P, 23 40 13.3 +2.0, 23 40 14.6, 84.26 39 P, P, 23 40 12.5 +1.0, 23 40 14.1, 84.32 46 P, P, 23 40 13.2 +1.1, 84.38 12 P, P, 23 40 10.9 -0.7, 23 40 13.3, 84.42 47 P, P, 23 40 14.0 +1.5, 84.45 45 Iamb Iamb, 23 40 13.1 +0.3, 23 40 13.8, 84.48 48 P, P, 23 40 13.4 +0.5, 23 40 15.6, 84.53 47 P, P, 23 40 14.0 +0.9, 84.58 35 P, P, 23 40 14.7 +1.9, 23 40 15.8, 84.61 11 P, P, 23 40 12.7 +0.1, 23 40 13.6, 84.61 11 P, P, 23 40 12.9 +0.3, 84.66 49 P, P, 23 40 14.7 +1.0, 84.66 49 P, P, 23 40 14.1 +0.4, 23 40 14.0, 84.79 43 P, P, 23 40 14.9 +0.6, 23 46.24, slow=4.5, SNR=14, 84.79 43 P, P, 23 40 14.9 +0.6, 23 40 15.2, 84.79 11 P, P, 23 40 14.2 +0.7, 84.79 273 P, P, 23 40 15.4 +0.8, 84.79 273 P, P, 23 40 15.3 +0.7, 84.79 273 P, P, 23 40 15.9 +1.3, 84.80 14 P, P, 23 40 13.7 +0.1, 84.83 12 P, P, 23 40 13.6 -0.2, 84.88 53 P, P, 23 40 16.2 +1.4, 23 40 17.9, 84.91 14 P, P, 23 40 14.4 +0.3

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Table with columns: SUA, Susitna One, 84.92 13 P, P, 23 40 13.9 -0.3, 84.92 13 P, P, 23 40 14.2 -0.1, 84.98 47 P, P, 23 40 17.2 +1.7, 23 40 18.7, 85.11 38 Iamb Iamb, 23 40 18.0, 85.19 50 P, P, 23 40 17.3 +1.0, 85.23 12 P, P, 23 40 14.9 -0.7, 85.24 11 P, P, 23 40 15.9 +0.2, 85.29 10 P, P, 23 40 16.8 +0.8, 23 40 17.7, 85.29 10 P, P, 23 40 16.9 +1.0, 85.30 329 eP, Pmax, 23 40 16.3 +0.1, 85.32 13 P, P, 23 40 15.9 -0.1, 85.38 46 P, P, 23 40 18.6 +1.3, 85.38 14 P, P, 23 40 18.9 +0.5, 85.39 14 Iamb Iamb, 23 40 16.8, 85.39 14 P, P, 23 40 16.5 +0.2, 85.39 313 I/P, Pmax, 23 40 17.8 +0.8, 85.39 275 P, P, 23 40 16.4 -1.2, 85.43 37 P, P, 23 40 18.4 +1.4, 23 40 19.6, 85.57 309 I/P, Pmax, 23 40 18.9 +1.0, 85.59 14 P, P, 23 40 17.7 +0.3, 85.59 46 P, P, 23 40 19.1 +0.9, 23 40 22.1, 85.62 46 P, P, 23 40 20.1 +1.7, 85.67 34 Iamb Iamb, 23 40 18.6 +0.7, 23 40 20.0, 85.75 14 P, P, 23 40 18.0 -0.2, 85.76 37 P, P, 23 40 19.8 +1.3, 23 40 20.4, 85.76 316 P, P, 23 40 19.1 +0.5, 23 40 19.8, 85.76 316 P, Pmax, 23 40 19.3 +0.7, 85.81 39 P, P, 23 40 19.6 +0.6, 85.81 304 P, P, 23 40 19.6 +0.4, 85.84 53 P, P, 23 40 20.8 +1.3, 85.84 53 P, P, 23 40 21.3 +1.8, 85.87 13 P, P, 23 40 18.3 -0.3, 85.88 14 P, P, 23 40 18.9 +0.1, 85.88 40 Iamb Iamb, 23 40 21.7, 85.92 16 P, P, 23 40 19.3 +0.3, 86.00 14 P, P, 23 40 19.8 +0.4, 86.02 11 Iamb Iamb, 23 40 20.7, 86.02 11 P, P, 23 40 19.8 +0.4, 86.04 15 Iamb Iamb, 23 40 21.0, 86.04 15 P, P, 23 40 20.3 +0.7, 86.06 44 P, P, 23 40 21.2 +0.9, 86.12 22 P, P, 23 40 21.0 +1.1, 86.14 24 P, P, 23 40 21.4 +1.4, 23 40 22.9, 86.17 36 Iamb Iamb, 23 40 22.9, 86.28 37 P, P, 23 40 22.1 +1.1, 23 40 23.2, 86.32 187 dP, P, 23 40 20.7 -0.3, 86.37 18 P, P, 23 40 21.9 +0.7, 86.39 300 I/P, Pmax, 23 40 23.2 +1.1, 86.42 45 P, P, 23 40 22.7 +0.6, 86.43 12 Iamb Iamb, 23 40 21.2, 86.43 12 P, P, 23 40 20.2 -1.1, 86.46 15 Iamb Iamb, 23 40 22.6, 86.46 15 P, P, 23 40 22.3 +0.7, 86.50 46 P, P, 23 40 23.4 +0.9, 86.51 15 P, P, 23 40 22.5 +0.8, 86.52 16 Iamb Iamb, 23 40 22.7, 86.57 14 P, P, 23 40 22.3 +0.1, 23 40 22.5, 86.61 13 P, P, 23 40 22.3 +0.1, 86.67 46 P, P, 23 40 24.5 +1.1, 23 40 26.2, 86.68 16 P, P, 23 40 23.1 +0.6, 23 40 24.3, 86.68 16 P, P, 23 40 23.5 +1.0, 86.71 39 Iamb Iamb, 23 40 24.8, 86.71 35 Iamb Iamb, 23 40 24.6, 86.76 19 P, P, 23 40 24.4 +1.5, 86.76 10 P, P, 23 40 22.9 +0.1, 86.76 32 Iamb Iamb, 23 40 25.3, 86.77 17 Iamb Iamb, 23 40 24.9, 86.77 277 P, P, 23 40 24.0 0.0, 86.77 277 P, P, 23 40 24.7 +0.7, 86.78 12 Iamb Iamb, 23 40 23.2, 86.81 12 P, P, 23 40 22.9 -0.4, 86.81 11 P, P, 23 40 22.6 -0.5, 86.83 41 P, P, 23 40 24.6 +0.8, 23 40 26.5, 86.83 41 P, P, 23 40 25.2 +1.4, 23 40 26.2, 86.93 276 P, P, 23 40 25.0 +0.2, 86.94 18 P, P, 23 40 24.7 +0.6, 86.96 36 Iamb Iamb, 23 40 26.2, 87.01 15 P, P, 23 40 24.8 +0.8, 87.01 44 P, P, 23 40 25.8 +1.0, 87.04 19 P, P, 23 40 25.3 +0.9, 87.04 46 Iamb Iamb, 23 40 27.1

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Table with columns: P17A, Butcher Ranch, 87.07 46 P, P, 23 40 26.1 +1.0, 87.08 14 P, Iamb, 23 40 27.6, 87.08 14 P, P, 23 40 24.5 0.0, 87.12 312 eP, P, 23 40 26.6 +1.4, 87.17 45 P, P, 23 40 26.1 +0.5, 87.26 12 Iamb Iamb, 23 40 29.5, 87.26 12 P, P, 23 40 24.5 -0.6, 87.27 52 P, P, 23 40 26.7 +0.5, 87.28 55 Iamb Iamb, 23 40 28.7, 87.28 55 P, P, 23 40 27.6 +1.6, 87.33 13 Iamb Iamb, 23 40 26.9, 87.33 13 P, P, 23 40 25.4 -0.1, 87.39 19 P, P, 23 40 26.9 +1.0, 87.42 14 P, P, 23 40 26.5 +0.5, 87.42 14 P, P, 23 40 26.6 +0.5, 87.44 52 P, P, 23 40 28.1 +1.0, 87.45 44 P, P, 23 40 27.9 +0.9, 23 40 29.4, 87.46 180 P, P, 23 40 25.9 -0.4, 87.46 180 pP, pP, 23 42 34.8 +2.1, 87.48 46 Iamb Iamb, 23 40 28.3 +1.1, 23 40 29.6, 87.48 18 P, P, 23 40 28.1 +1.5, 87.54 16 P, P, 23 40 27.5 +0.9, 23 40 28.3, 87.54 16 P, P, 23 40 27.4 +0.9, 87.58 58 Iamb Iamb, 23 40 30.5, 87.58 58 P, P, 23 40 29.3 +1.6, 87.58 58 P, P, 23 40 29.3 +1.6, 87.60 44 pP, P, 23 42 29.4 -4.3, 87.61 18 P, P, 23 40 27.7 +0.6, 87.69 23 P, P, 23 40 29.0 +1.7, 87.69 17 P, P, 23 40 28.1 +0.6, 87.69 47 P, P, 23 40 28.5 +0.3, 23 40 29.2, 87.75 47 P, P, 23 40 29.2 +0.8, 23 40 30.5, 87.75 179 P, P, 23 40 26.8 -0.9, 87.75 179 pP, pP, 23 42 35.9 +1.9, 87.75 179 P, P, 23 40 27.0 -0.7, 87.77 19 Iamb Iamb, 23 40 29.8, 87.77 19 P, P, 23 40 28.6 +0.8, 87.79 16 P, P, 23 40 28.9 +1.1, 87.82 15 Iamb Iamb, 23 40 29.4, 87.84 319 eP, Pmax, 23 40 28.6 +0.1, 23 40 30.5, 87.85 18 P, P, 23 40 29.3 +1.1, 87.86 36 Iamb Iamb, 23 40 30.0, 87.86 36 P, P, 23 40 30.1 +0.7, 87.80 176 P, P, 23 40 27.8 -0.5, 87.90 176 pP, pP, 23 42 38.3 +3.3, 87.93 51 P, P, 23 40 30.3 +1.0, 87.93 51 P, P, 23 40 30.0 +0.8, 87.98 15 Iamb Iamb, 23 40 30.3, 87.98 15 P, P, 23 40 29.6 +1.0, 88.03 21 P, P, 23 40 30.5 +1.6, 88.05 22 P, P, 23 40 30.8 +1.5, 88.06 11 P, P, 23 40 29.2 +0.3, 88.07 12 Iamb Iamb, 23 40 29.1, 88.07 12 P, P, 23 40 28.8 -0.2, 88.08 14 P, P, 23 40 29.6 +0.6, 88.11 17 P, P, 23 40 30.3 +1.1, 88.15 11 P, P, 23 40 28.3 -1.1, 23 40 29.6, 88.15 11 P, P, 23 40 28.8 -0.6, 88.16 19 P, P, 23 40 30.4 +0.9, 88.23 10 P, P, 23 40 30.2 +0.4, 88.34 15 Iamb Iamb, 23 40 31.6, 88.34 177 P, P, 23 40 29.9 -0.4, 88.34 177 pP, pP, 23 42 40.0 +3.3, 88.35 13 P, P, 23 40 29.8 -0.4, 88.35 10 Iamb Iamb, 23 40 32.6, 88.35 10 P, P, 23 40 30.8 +0.5, 88.39 16 P, P, 23 40 31.3 +0.8, 23 40 32.1, 88.39 16 P, P, 23 40 31.4 +0.8, 23 40 33.3, 88.39 45 P, P, 23 40 31.8 +0.5, 23 40 33.3, 88.40 19 P, P, 23 40 31.4 +0.7, 88.45 40 P, P, 23 40 33.1 +1.6, 88.46 42 P, P, 23 40 32.1 +0.6, 88.46 20 P, P, 23 40 31.6 +0.6, 88.46 20 Iamb Iamb, 23 40 33.0, 88.46 20 P, P, 23 40 32.4 +1.4, 88.48 23 P, P, 23 40 32.3 +1.3, 88.48 23 P, P, 23 40 32.6 +1.5, 88.48 43 Iamb Iamb, 23 40 34.0, 88.51 12 Iamb Iamb, 23 40 31.6, 88.51 12 P, P, 23 40 30.7 -0.2, 88.56 13 P, P, 23 40 30.8 -0.4, 88.56 13 P, P, 23 40 30.9 -0.3, 88.57 13 P, P, 23 40 30.8 -0.4, 23 40 31.7, 88.57 13 P, P, 23 40 31.4 +0.2, 88.57 13 P, P, 23 40 30.7 -0.5, 88.57 177 P, P, 23 40 31.3 0.0, 88.57 177 pP, pP, 23 42 42.0 +4.3, 88.64 14 Iamb Iamb, 23 40 31.9 +0.1, 23 40 34.3

SCRK	Sand Creek	88.64	14	P	P	23 40 32.0 +0.3
HIA	Hailar	88.65	325	P	IAMB	23 40 31.1 +0.1
HIA	Hailar	88.65	325	P	IAMB	23 40 33.2
PHRA	Phrae	88.66	290	P	P	23 40 33.3 +0.6
CLNB	Carlsbad	88.67	59	P	P	23 40 33.4 +0.7
ILAR	Eielson Array	88.68	13	P	P	23 40 31.2 -0.5
ILAR	Eielson Array	88.68	13	P	P	23 40 31.2 -0.5
ILAR	Eielson Array	88.68	13	P	P	23 40 31.2 -0.5
M29M	Somme Creek	88.79	17	P	P	23 40 33.6 +1.2
P33M	Teslin, Yukon	88.79	21	P	IAMB	23 40 33.9 +1.4
P33M	Teslin, Yukon	88.79	21	P	IAMB	23 40 34.7
H22K	Ishlaltina Cre	88.81	11	P	P	23 40 33.8 +1.4
H22K	Ishlaltina Cre	88.81	11	P	P	23 40 32.8 +0.4
N31M	Braeburn, Yuko	88.81	19	P	P	23 40 33.5 +1.0
N31M	Braeburn, Yuko	88.81	19	P	P	23 40 33.7 +1.2
R33M	Jennings River	88.83	22	P	P	23 40 33.9 +1.1
M50	Missoula	88.86	38	P	P	23 40 33.1 0.0
M50	Missoula	88.86	38	P	P	23 40 33.4 +0.2
POKR	Poker Plat Res	88.87	13	IAMB	IAMB	23 40 33.0
POKR	Poker Plat Res	88.87	13	P	P	23 40 32.1 -0.5
S22A	4UR Ranch, Cre	88.94	49	P	IAMB	23 40 34.9 +0.9
S22A	4UR Ranch, Cre	88.94	49	P	IAMB	23 40 35.8
S22A	4UR Ranch, Cre	88.94	49	P	P	23 40 35.2 +1.2
REDW	Red Top Meadow	88.94	42	IAMB	IAMB	23 40 36.1
CPRX	Cap Rock	89.01	54	P	P	23 40 34.8 +0.5
G21K	Allakaket	89.03	10	P	P	23 40 33.9 +0.5
SNOW	Snow King Moun	89.05	42	IAMB	IAMB	23 40 36.8
KMI	Kumming	89.07	297	IAMB	PMAX	23 40 35.9 +1.1
O20A	White River Ci	89.07	46	IAMB	IAMB	23 40 36.0
O20A	White River Ci	89.07	46	P	P	23 40 35.2 +0.8
H23K	Yukon River Ci	89.08	11	IAMB	IAMB	23 40 34.2
H23K	Yukon River Ci	89.08	11	P	P	23 40 33.7 0.0
IMW	Indian Meadow	89.15	42	IAMB	IAMB	23 40 37.3
J26L	Joseph Creek	89.18	14	P	P	23 40 35.3 +1.1
MOOW	Moose Ponds	89.20	42	P	P	23 40 35.9 +0.9
LHM	Limekiln Ridge	89.21	40	P	P	23 40 35.6 +0.6
HHC	Hu-ho-hao-te	89.22	315	PMAX	PMAX	23 40 35.7 +0.7
HHC	Hu-ho-hao-te	89.22	315	PMAX	PMAX	23 40 35.7 +0.7
LOHW	Long Holow	89.22	42	IAMB	IAMB	23 40 36.8
BILL	Bilbino	89.26	354	P	P	23 40 34.6 +0.2
BILL	Bilbino	89.26	354	P	P	23 40 35.8
QLMT	Earthquake Lak	89.32	41	P	P	23 40 37.4 +1.9
M30M	Minto, Yukon	89.36	18	P	P	23 40 35.8 +0.8
M30M	Minto, Yukon	89.36	18	P	P	23 40 36.1 +1.0
FLWY	Flagg Ranch	89.39	42	P	IAMB	23 40 37.0 +1.2
FLWY	Flagg Ranch	89.39	42	P	IAMB	23 40 38.6
L29M	L29M	89.41	17	P	P	23 40 36.7 +1.5
H24K	Noodor Dome	89.41	12	P	P	23 40 33.8 -1.4
BW06	Boulder Array	89.47	43	IAMB	IAMB	23 40 37.9
BW06	Boulder Array	89.47	43	P	P	23 40 36.9 +0.6
PD31	Pinedale Array	89.47	43	IAMB	IAMB	23 40 37.9
PDAR	Pinedale Array	89.47	43	P	P	23 40 36.8 +0.5
PDAR	Pinedale Array	89.47	43	P	P	23 40 36.8 +0.5
YHL	Hebgen Lake	89.48	41	P	P	23 40 37.7 +1.4
SMCO	Snowmass	89.49	47	P	P	23 40 37.5 +0.8
YMR	Madison River	89.52	41	P	IAMB	23 40 37.9 +1.5
YMR	Madison River	89.52	41	P	IAMB	23 40 38.9
BOZ	Bozeman (W)	89.59	40	IAMB	IAMB	23 40 39.0
BOZ	Bozeman (W)	89.59	40	P	P	23 40 37.9 +1.3
PRP	Porcupine Dome	89.61	13	IAMB	IAMB	23 40 38.3
PRP	Porcupine Dome	89.61	13	P	P	23 40 36.5 +0.3
H17A	Grant Village	89.63	42	P	IAMB	23 40 37.7 +0.7
H17A	Grant Village	89.63	42	P	IAMB	23 40 40.5
H17A	Grant Village	89.63	42	P	P	23 40 39.7 +2.7
F21K	Alatina River	89.68	9	P	P	23 40 36.9 +0.5
YNR	Norris Junctio	89.72	41	IAMB	IAMB	23 40 38.7 +1.3
YNR	Norris Junctio	89.72	41	IAMB	IAMB	23 40 41.6
CM31	Chiang Mai Arr	89.78	290	P	P	23 40 39.4 +1.4
CM31	Chiang Mai Arr	89.78	290	P	P	23 40 39.5 +1.6
CM31	Chiang Mai Arr	89.78	290	P	P	23 40 39.5 +1.6
G23K	Bananza Creek	89.79	11	P	P	23 40 37.4 +0.4
DAWY	Dawson	89.84	16	P	IAMB	23 40 37.6 +0.4
DAWY	Dawson	89.84	16	P	IAMB	23 40 38.9
DAWY	Dawson	89.84	16	P	P	23 40 38.0 +0.7
SDCO	Great Sand Dun	89.88	49	P	P	23 40 39.0 +0.6
SDCO	Great Sand Dun	89.88	49	P	P	23 40 39.4 +1.1
CHTO	Chiang Mai	89.91	290	P	P	23 40 39.2 +0.7
I26K	Coal Creek Min	89.95	14	P	P	23 40 38.1 +0.5
IGAK	Eagle	89.98	15	P	P	23 40 38.4 +0.6
HRY	Holter Researc	90.04	39	P	P	23 40 39.2 +0.5
WALA	Waterlton Lakes	90.07	36	IAMB	IAMB	23 40 39.3 +0.6
WALA	Waterlton Lakes	90.07	36	IAMB	IAMB	23 40 51.0
WTLY	Watson Lake, Y	90.11	22	P	PMAX	23 42 39.9 -5.7
F22K	John River	90.15	10	P	P	23 40 39.4 +0.8
K29M	Garlow Dome	90.16	17	P	P	23 40 39.9 +1.1
COLD	Coldfoot	90.22	11	IAMB	IAMB	23 40 41.1
COLD	Coldfoot	90.22	11	P	P	23 40 39.9 +1.1
MSTX	Muleshoe	90.24	54	P	P	23 40 40.4 +0.6
G24K	Hadweznec Riv	90.25	12	P	P	23 40 39.3 +0.2
T25A	Trinidad	90.30	59	P	P	23 40 41.6 +1.0
PZH	PanZhiHua	90.43	298	P	PMAX	23 40 41.7 +0.7
PZH	PanZhiHua	90.43	298	P	PMAX	23 40 41.7 +0.7
J29M	Klondike Camp	90.46	16	P	PMAX	23 42 45.4 -1.7
I27K	Kandik River	90.56	14	P	P	23 40 41.1 +0.6
G25K	Bearman Lake	90.58	12	P	P	23 40 40.6 +0.2
833A	Chaparral WMA	90.59	60	P	P	23 40 42.4 +0.9
LIRD	Liard River Hi	90.62	24	P	P	23 40 42.1 +1.2

ISCO	Idaho Springs	90.71	47	P	P	23 40 43.2 +1.0
E22K	Anaktuvuk Pass	90.78	10	P	P	23 40 42.0 +0.5
RLMT	Red Lodge	90.80	41	P	P	23 40 43.5 +1.1
F24K	Squaw Lake	90.90	11	P	P	23 40 42.3 +0.3
N23A	Red Feather La	90.98	46	P	IAMB	23 40 44.8 +1.4
N23A	Red Feather La	90.98	46	P	IAMB	23 40 45.6
N23A	Red Feather La	90.98	46	P	P	23 40 45.1 +1.8
BRIDA	Berland Lookou	91.05	31	P	P	23 40 44.1 +1.0
E23K	Chandler	91.07	10	P	P	23 40 43.9 +1.0
MMPY	Sheldon Lake,	91.07	20	P	P	23 40 44.0 +1.0
H27K	Steamboat Moun	91.10	14	P	P	23 40 44.1 +1.1
JCT	Junction City	91.11	58	P	P	23 40 44.2 +0.3
JCT	Junction City	91.11	58	P	P	23 40 43.6 -0.3
I29M	Ogilvie Camp,	91.17	16	P	P	23 40 44.3 +1.0
G26K	Porcupine Rive	91.21	13	P	P	23 40 44.5 +1.1
E24K	You Creek	91.28	11	P	P	23 40 44.3 +0.5
F25K	Christian Rive	91.39	12	P	P	23 40 45.5 +1.1
K22A	Casper	91.39	45	P	P	23 40 45.7 +0.6
K22A	Casper	91.39	45	P	IAMB	23 40 46.4
K22A	Casper	91.39	45	P	P	23 40 45.4 +0.4
AMTX	Amarillo	91.44	53	P	P	23 40 45.0 -0.3
BMAR	Burt Mountain	91.45	12	P	P	23 40 45.5 +0.9
G27K	Doyon Strip	91.55	14	P	P	23 40 45.5 +0.5
TOLK	Toad Lake Re	91.60	10	P	P	23 40 45.5 +0.3
D23K	Nanushuk River	91.71	10	P	P	23 40 46.6 +0.9
F26K	Sheenick River	91.77	12	P	P	23 40 47.2 +1.2
E25K	Arctic Village	91.86	12	P	P	23 40 46.9 +0.5
KOTAN	Kotaneleer Air	91.88	24	P	P	23 40 48.1 +1.4
EGMT	Eagleton	91.92	39	P	P	23 40 47.8 +0.6
ABTX	Abilene, Hawle	92.08	56	P	IAMB	23 40 48.0 -0.4
ABTX	Abilene, Hawle	92.08	56	P	IAMB	23 40 49.4
EPYK	Eagle Plains	92.36	16	IAMB	IAMB	23 40 49.9
EPYK	Eagle Plains	92.36	16	P	P	23 40 49.0 +0.2
C23K	Ikikilik River	92.51	9	P	P	23 40 50.0 +0.7
LZH	Lanzhou	92.57	308	PMAX	PMAX	23 40 49.8 -0.8
LZH	Lanzhou	92.57	308	PMAX	PMAX	23 40 49.8 -0.8
EDM	Edmonton	92.58	33	IAMB	IAMB	23 40 50.8
ROC1	El Roble	92.59	127	P	P	23 40 51.1 0.0
C24K	Franklin Bluff	92.97	10	P	P	23 40 51.0 +0.9
E27K	Coleen River	92.71	13	P	P	23 40 50.7 +0.3
D25K	Kavik River	92.75	11	P	P	23 40 50.3 -0.2
G30M	Aoh Zraii Nji	92.97	15	P	P	23 40 52.0 +0.5
A21K	Barrow	93.09	7	P	P	23 40 52.1 +0.1
LAO	ASA Array	93.41	41	P	P	23 40 55.6 +1.5
C27K	Jago River	93.50	12	P	P	23 40 54.6 +0.7
C26K	Camden Bay	93.53	11	P	P	23 40 54.9 +1.0
RSSD	Black Hills	93.66	44	P	P	23 40 55.3 -0.2
F31M	Tsilingchic	93.94	16	P	P	23 40 56.1 +0.2
INK	Inuvik	94.65	15	IAMB	IAMB	23 40 58.8 -0.3
INK	Inuvik	94.65	15	IAMB	IAMB	23 40 59.3
INK	Inuvik	94.65	15	P	P	23 40 59.1 +0.1
ULN	Ulanbaatar	95.27	319	P	IAMB	23 41 02.6 0.4
ULN	Ulanbaatar	95.27	319	P	IAMB	23 41 04.4
DGMT	Dagmar	95.42	40	P	P	23 41 03.6 +0.5
SONM	Songino Array	95.66	319	P	P	23 41 03.8 -0.5
SONM	Songino Array	95.66	319	P	P	23 41 03.9 -0.1
GTA	Gaotai	96.79	309	PMAX	PMAX	23 41 09.8 +0.2
GTA	Gaotai	96.79	309	PMAX	PMAX	23 41 09.8 +0.2
YKA	Yellowknife Ar	96.95	25	P	P	23 41 09.8 +0.3
ZALV	Zalesovo Beam	110.42	321	PKPb	PKPb	23 46 05.2 -1.4
MKAR	Makanochi Array	111.05	313	PKPb	PKPb	23 42 15.4 +2.7
MKAR	Makanochi Array	111.05	313	PKPb	PKPb	23 46 06.9 -1.2
MKAR	Makanochi Array	111.05	313	PKPb	PKPb	23 57 06.3 -1.3
TULEG	Tule	114.61	14	P	PKPb	23 46 12.8 -1.3
NEEM	North Greenland	117.93	11	P	PKPb	23 46 19.8 -1.0
NOR	Nord	118.65	3	P	PKPb	23 46 20.4 -1.4
BRVK	Borovoye	119.05	320	PKPb	PKPb	23 46 22.5 -0.7
KBL	Kamchatka	119.62	286	PKPb	PKPb	23 46 20.2 -0.2
MSEY	Mahe Island	121.34	251	PKPb	PKPb	23 46 28.3 -0.6
SPAO	Spitsbergen Ar	122.10	356	PKPb	PKPb	23 46 28.2 -0.3
ILULI	Ilulissat	122.15	20	P	PKPb	23 46 27.1 -1.5
DAG	Danmarks Havn	123.05	5	P	PKPb	23 46 28.7 -1.5
SUMG	Summit	123.52	13	P	PKPb	23 46 31.1 -0.7
NUUK	Nuuk	124.20	25	P	PKPb	23 46 30.3 -2.4
DY2	Dye2	125.12	21	P	PKPb	23 46 33.4 -1.4
DBG	Daneborg	125.16	7	P	PKPb	23 46 33.2 -1.2
ARU	Arti	125.16	325	PKPb	PKPb	23 46 34.5 -0.4
ICESG	Greenland Ices	125.59	17	P	PKPb	23 46 34.0 -1.8
BOSA	Boshov	125.82	12	P	PKPb	23 46 36.9 -0.3
SCO	Scoresbysund	128.35	10	P	PKPb	23 46 40.8 +0.2
GEYT	Alibeck	128.54	302	PKP	PKPb	23 46 41.8 -0.2
GEYT	Alibeck	128.54	302	PKP	PKPb	23 48 54.9 -2.3
ARAO	ARCESS Array S	129.10	349	PKPb	PKPb	23 46 41.8 -0.2
ARCES	ARCESS Array B	129.10	349	PKPb	PKPb	23 46 41.6 -0.4
UOSS	Umanak	12				

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PRU Pruhonic, VRAC Vranov, PSZ Piszkesteto, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STIP Stip, VAY Valandovo, YEC Yernica, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LYUB Lan-yu, LAY Lan-yu, SMST Manzhou Townsh, etc.

SUA	Susitna One	0.45	208	Pg	Sg	23 56 03.5 -0.4	M24K	Tolsona, Glenn	1.97	81	P	Pn	23 56 28.9 +1.3	KAIM	Kayak Island	3.47	121	Pg	23 56 59.7 +1.5
SUA					Sg	23 56 10.1 +0.2		baz=265						M26K	Nabesna, AK	3.48	78	Pn	23 56 52.1 +3.8
SUA	comp=N,2um,0.7s				IAML	23 56 11.5	MCK	McKinley	1.98	18	P	Pn	23 56 28.6 +0.8	M26K				IAML	23 57 51.7
SUA	Susitna One	0.45	208	P	Pg	23 56 03.5 -0.4	MCK	McKinley	1.98	18	P	Pn	23 56 28.5 +0.8	MCARA	McCarthy VSAT	3.51	95	IAML	23 56 51.5 +2.8
SUA	baz=28				S	23 56 10.1 +0.2	O20K	Slope Mountain	2.11	213	P	Pn	23 56 30.7 +1.2	MCARA	comp=N,84nm,0.6s				23 57 50.4
CUT	Chulitna	0.55	2	Pg	Sg	23 56 05.5 -0.1	O20K	Slope Mountain	2.11	213	P	Pn	23 56 30.7 +1.2	MCARA	comp=E,122nm,0.8s			IAML	23 57 50.6
CUT	Chulitna	0.55	2	Pg	Sb	23 56 13.5 -0.2	BRLL	Bradley Lake	2.12	188	P	Pn	23 56 30.3 +0.7	MCARA	comp=N,132nm,0.8s			P	23 56 50.8 +2.0
CUT	Chulitna	0.55	2	Pg	P	23 56 05.5 -0.1	KLU	Klutina	2.12	98	IAML		23 57 08.1	POKR	Poker Plat Res	3.52	20	IAML	23 56 49.3 +0.5
CUT	baz=182				S	23 56 13.7 0.0	KLU	Klutina	2.12	98	P	Pn	23 56 30.5 +0.8	POKR				IAML	23 57 52.0
SKT	Skwentna	0.59	282	Pg	Sg	23 56 06.0 -0.5	BRSE	Bradley Lake S	2.13	186	P	Pn	23 56 30.5 +0.7	POKR	comp=N,75nm,0.7s			P	23 56 49.5 +0.7
SKT					Sg	23 56 14.2 -0.1	BRSE	Bradley Lake S	2.13	186	P	Pn	23 56 30.5 +0.7	POKR	baz=203			P	23 56 52.0 +2.9
SKT	comp=E,2um,0.4s				IAML	23 56 14.5	L19K	White Mountain	2.17	281	P	Pn	23 56 30.4 +0.2	SCRK	Sand Creek	3.59	51	IAML	23 57 49.6
SKT	comp=N,4um,0.2s				Pg	23 56 05.9 -0.5	L19K	White Mountain	2.17	281	P	Pn	23 56 30.4 +0.2	SCRK	comp=N,60nm,0.8s			IAML	23 57 51.0
SKT	baz=101				S	23 56 14.5 +0.2	CHUM	Lake Minchumin	2.23	337	P	Pn	23 56 31.7 +0.6	WAX	Waxell Ridge	3.88	108	IAML	23 56 58.1 +4.2
PMR	Palmer	0.62	115	Pg	Sg	23 56 06.3 -0.8	CHUM	Lake Minchumin	2.23	337	P	Pn	23 56 31.7 +0.6	WAX				IAML	23 57 41.5
PMR	Palmer	0.62	115	Pg	Sg	23 56 14.6 -0.7	N19K	Bonanza Creek	2.27	244	IAML		23 57 09.2	BALM	Baldy	3.91	99	Pn	23 56 56.3 +2.0
PMR	comp=N,1um,0.3s				IAML	23 56 14.9	N19K	comp=N,223nm,0.6s					23 57 09.2	O17K	Koliganek Bris	3.92	241	Pn	23 56 55.1 +0.7
PMR	comp=E,82nm,0.5s				IAML	23 56 15.2	N19K	comp=E,190nm,0.4s					23 57 09.2	KIAG	Kiagna River	3.94	100	Pn	23 56 56.3 +1.6
PMR	Palmer	0.62	115	Pg	Pg	23 56 06.3 -0.8	N19K	Bonanza Creek	2.27	244	P	Pn	23 56 32.4 +0.7	H21K	Melozitna Rive	3.97	345	IAML	23 56 55.5 +0.5
PMR	baz=296				S	23 56 14.6 -0.7	BPWA	Bear Paw Mtn.	2.27	352	IAML		23 57 11.5	H21K	Melozitna Rive	3.97	345	IAML	23 58 01.2
GHO	Glory Hole Cre	0.66	97	Pg	Sg	23 56 07.0 -0.9	BPWA	Bear Paw Mtn.	2.27	352	IAML		23 57 12.4	H21K	comp=N,58nm,1.1s			P	23 56 55.5 +0.5
GHO					Sg	23 56 16.2 -0.5	BPWA	Bear Paw Mtn.	2.27	352	P	Pn	23 56 31.6 -0.1	M27K	Edge Creek, AK	4.00	79	Pn	23 56 58.4 +2.9
GHO	comp=E,2um,0.4s				IAML	23 56 17.7	BPWA	Bear Paw Mtn.	2.27	352	P	Pn	23 56 31.6 -0.1	M27K				IAML	23 58 05.2
FIS	Fire Island	0.72	176	Pg	Sb	23 56 09.1 +0.3	IVE	Iliamna Volcan	2.27	217	Pn	Pn	23 56 32.7 +1.0	H23K	Yukon River	4.00	5	P	23 56 56.4 +1.1
FIS					Sb	23 56 20.1 +1.5	DIV	Divide	2.30	107	Pn	Pn	23 56 33.3 +1.2	H23K	Yukon River	4.00	5	P	23 58 05.5 +1.1
FIS	comp=E,3um,0.5s				IAML	23 56 28.9	K20K	Telida	2.30	313	IAML		23 56 32.3 +0.3	SNH	Sunshine Point	4.01	112	Pg	23 57 08.0 +3.0
FIS	comp=N,2um,0.7s				IAML	23 56 29.3	K20K	Telida	2.30	313	IAML		23 56 16.6	J26L	Joseph Creek	4.05	46	Pn	23 56 58.4 +2.2
STLK	Strandline Lak	0.81	244	Pg	Pg	23 56 09.5 -1.1	K20K	Telida	2.30	313	P	Pn	23 56 32.3 +0.3	J26L	Joseph Creek	4.05	46	P	23 56 58.4 +2.2
RC01	Rabbit Creek A	0.82	160	Pg	Pg	23 56 09.6 -1.1	HOM	Homer	2.30	197	IAML		23 57 11.4	ISLE	Juniper Island	4.05	105	Pn	23 56 58.5 +2.3
RC01	comp=E,2um,0.4s				IAML	23 56 20.7	HOM						23 57 11.4	ISLE				IAML	23 58 04.1
RC01	comp=N,2um,0.5s				IAML	23 56 20.7	ILS	Iliamna Southw	2.33	218	IAML		23 56 34.0 +1.4	ISLE	comp=N,100nm,2.6s			IAML	23 58 08.7
RC01	Rabbit Creek A	0.82	160	Pg	Sg	23 56 20.2 -1.4	ILSW	Iliamna Southw	2.33	218	IAML		23 56 33.9 +1.2	ISLE	comp=N,76nm,3.2s			IAML	23 56 56.9 +0.4
RC01	Rabbit Creek A	0.82	160	Pg	Sg	23 56 09.3 -1.4	ILSW	Iliamna Southw	2.33	218	IAML		23 56 33.9 +1.2	ISLE	comp=N,76nm,3.2s			IAML	23 56 59.2 +2.1
RC01	baz=341				S	23 56 20.2 -1.4	P23K	Montague Is	2.35	141	Pn	Pn	23 57 10.5	H22K	Ishlaltina Cre	4.08	354	Pn	23 56 58.4 +1.1
SML	Sawmill	0.94	92	Pg	Pg	23 56 11.9 -1.1	BWN	Browne	2.35	9	IAML		23 57 17.6	H24K	Noodor Dome	4.14	14	P	23 56 58.4 +1.1
SML	comp=E,2um,0.8s				IAML	23 56 25.2	BWN	comp=N,322nm,0.9s					23 57 21.3	BCAR	Beaver Creek A	4.14	69	Pn	23 57 00.1 +2.7
SML	comp=N,2um,0.8s				IAML	23 56 25.5	HIN	Hinchinbrook I	2.36	127	Pn	Pn	23 56 32.7 -0.2	BARN	Barnard	4.23	97	IAML	23 58 05.9
SML	Sawmill	0.94	92	P	Sg	23 56 24.2 -1.2	HIN						23 57 11.7	BARN	comp=E,39nm,1.4s			IAML	23 58 08.1
SML	Sawmill	0.94	92	P	Sg	23 56 11.8 -1.3	HIN						23 57 11.7	BARN	comp=N,44nm,1.0s			IAML	23 56 59.5 +0.6
SML	baz=274				S	23 56 24.3 -1.1	CNPM	China Pool	2.38	191	IAML		23 57 10.4	PRP	Porcupine Dome	4.25	28	Pn	23 58 11.3
KNK	Knik Glacier	0.99	116	IAML	Pb	23 56 12.9 -0.7	CNPM	China Pool	2.38	191	IAML		23 57 10.4	PRP	comp=N,49nm,1.1s			IAML	23 58 24.7
KNK	comp=E,2um,0.5s				IAML	23 56 26.7	PAX	Paxson	2.51	62	P	Pn	23 56 35.8 +0.8	PRP	comp=N,49nm,1.1s			IAML	23 58 24.7
KNK	comp=N,2um,0.5s				IAML	23 56 27.3	PAX	Paxson	2.51	62	P	Pn	23 56 37.0 +1.9	PRP	comp=N,49nm,1.1s			IAML	23 58 24.7
KNK	Knik Glacier	0.99	116	P	Sg	23 56 25.4 -1.6	O19K	Port Alsworth	2.57	231	Pn	Pb	23 56 39.1 -1.3	MESA	MESA	4.40	109	Pn	23 57 02.2 +1.1
KNK	Knik Glacier	0.99	116	P	Sg	23 56 12.9 -0.7	EYAK	Cordova Ski Ar	2.57	219	Pn	Pb	23 56 37.3 +1.6	IMAR	Indian Mountai	4.41	341	Pn	23 57 02.2 +1.1
KNK	baz=298				Pb	23 56 12.9 -0.7	P19K	Oil Pt	2.64	214	IAML		23 57 25.4	YAH	Yahts	4.42	106	Pn	23 57 01.5 +0.2
SPCG	Spurr Capps GI	1.00	236	Pb	Pb	23 56 25.8 -0.1	P19K	comp=N,202nm,0.7s					23 57 30.0	TABL	Table Mountain	4.67	104	Pn	23 57 05.5 +1.8
SPCG	Crater Peak Br	1.06	237	Pb	Sb	23 56 14.2 -0.3	SVW2	Sparrevohn	2.64	256	IAML		23 56 39.8 +3.1	I26K	Coal Creek Min	4.71	40	IAML	23 58 24.0
SPCG	Mount Spurr	1.08	232	Pb	Pb	23 56 14.2 -0.9	SVW2	comp=N,274nm,0.7s					23 57 18.3	I26K	comp=N,54nm,1.2s			IAML	23 58 24.2
N20K	Mount Spurr	1.12	235	P	Pb	23 56 15.1 -0.9	SVW2	comp=N,274nm,0.7s					23 57 21.3	I26K	comp=N,54nm,1.2s			IAML	23 58 24.2
SPCR	Spurr Chakacha	1.12	235	Pb	Pb	23 56 15.1 -0.9	N25K	Chitina, Valde	2.73	93	Pn	Pn	23 56 39.1 +1.0	OHAK	Old Harbor	4.89	199	Pn	23 57 08.9 +1.3
CAPN	Captain Cook N	1.17	201	IAML	Pb	23 56 17.1 +0.6	N25K	Chitina, Valde	2.73	93	P	Pn	23 56 40.0 +2.0	EGAK	Eagle	5.06	51	Pn	23 57 11.9 +2.0
CAPN	comp=E,2um,1.0s				IAML	23 56 47.9	NEA2	Nenana	2.80	11	Pn	Pn	23 56 39.9 +0.9	PCA	Pinnacle	5.21	105	Pn	23 57 13.8 +1.8
CAPN	Captain Cook N	1.17	201	P	Pb	23 56 17.4 +0.8	NEA2	Nenana	2.80	11	P	Pn	23 56 40.6 +1.7	FYU	Fort Yukon	5.22	23	Pn	23 57 14.4 +2.4
CKL	Chakachama La	1.18	237	Pn	Pn	23 56 15.9 -1.2	WRH	Wood River Hill	2.81	20	Pn	Pn	23 56 39.5 +0.5	COLD	Collins	5.39	0	Pn	23 57 15.5 +1.0
WAT7	Susitna Watana	1.19	34	Pb	Pb	23 56 15.9 -1.2	WACK	Wrangell Chich	2.83	85	Pn	Pn	23 56 41.6 +2.0	DAWY	Dawson	5.45	61	Pn	23 57 17.8 +2.4
M23K	Glacier View	1.23	92	Pn	Pn	23 56 16.2 -1.1	TTA	Tatalina	2.86	295	Pn	Pn	23 56 39.9 0.0	BMAR	Burnt Mountain	6.11	21	Pn	23 57 25.6 +1.3
WAT1	Susitna Watana	1.27	39	Pn	Pn	23 56 17.0 -1.0	TTA	Tatalina	2.86	295	IAML		23 57 25.9	HYT	Haines Junctio	6.25	94	Pn	23 57 27.7 +1.3
WAT1	Susitna Watana	1.27	39	P	Pn	23 56 17.0 -1.0	TTA	Tatalina	2.86	295	Pn	Pn	23 56 39.9 0.0	M30M	Minto, Yukon	6.36	78	Pn	23 57 32.3 +4.4
M20K	Styx River	1.34	272	IAML	Pn	23 56 19.1 +0.2	HDA	Harding Lake	2.98	29	IAML		23 56 42.2 +0.8	I29M	Ogilvie Camp	6.40	51	Pn	23 57 28.2 -0.1
M20K	Styx River	1.34	272	IAML	Pn	23 56 37.8	HDA	Harding Lake	2.98	29	IAML		23 57 32.4	P29M	North Craggy	6.56	104	Pn	23 57 32.5 +2.0
M20K	Styx River	1.34	272	P	Pn	23 56 19.1 +0.2	HDA	Harding Lake	2.98	29	IAML		23 57 34.8	ANM	Nome	7.32	298	Pn	23 57 41.6 +0.7
SLKM	Skilak Lake	1.36	178	Pn	Pn	23 56 18.0 -1.1	HDA	Harding Lake	2.98	29	Pn	Pn	23 56 42.5 +1.1	TNA	Tin City	8.64	303	Pn	23 57 59.3 +0.3
PPLA	Purkeypile	1.36	321	Pn	Pn	23 56 19.6 +0.3	HDA	Harding Lake	2.98	29	Pn	Pn	23 56 40.8 +0.6						
PPLA	Purkeypile	1.36	321	Pn	Pn	23 56 19.6 +0.3	HDA	Harding Lake	2.98	29	Pn	Pn	23 56 41.5 +1.3						
PWL	Port Wells	1.38	136	Pn	Pb	23 56 20.3 0.0	J20K	Nowinta River	2.91	325	Pn	Pn	23 56 40.8 +0.4						
PWL	comp=E,629nm,0.7s				IAML	23 56 39.2	J20K	Nowinta River	2.91	325	Pn	Pn	23 56 40.8 +0.4						
PWL	comp=N,696nm,0.7s				IAML	23 56 40.9	J20K	Nowinta River	2.91	325	Pn	Pn	23 56 40.8 +0.4						
WAT6	Susitna Watana	1.41	58	Pn	Pn	23 56 19.4 -0.6	HDA	Harding Lake	2.98	29	Pn	Pn	23 56 42.3 +0.3						
WAT6	Susitna Watana	1.41	58	P	Pn	23 56 19.3 -0.6	CCB	Clear Creek Bu	3.02	21	IAML		23 57 31.9						

2016 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FW2D, TMZ, TUUV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YKA, MDD, INMG, CNRM, etc.

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

IDC 02 00:14:38.0-0.7, 49.635x125.89E, h0km, mb4.3/8, mbmpm4.4,9,ML2.8/1,MS4.7/16, Error ellipse: s-maj=36.4km s-min=15.5km az=100.0

GCMT 02 00:14:42.0-0.2, 49.635x126.00E, 0.02, h22km, 1km, MW5.4/182, Moment Tensor Solution, s51, c67, s120, c182, Duration: 192, Moment tensor: Scale 1017

ISC 02 00:14:40.0-0.6, 49.605x125.7E, 0.2, h10km, n52, c1906/31, mb4.5/9,MS4.7/15, ID, Western Indian-Antarctic Ridge

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PTEO, PNCL, PMAFR, etc.

NIC 02 00:37:36.1±0.0, 35.79N, 31.83E, h4km, 2km, M3.1/4, ISK 02 00:37:37.9, 35.61N, 31.85E, h9km, ML2.8/24

ISC 02 00:37:37.5±1.3, 35.70N, 0.033184E, 0.04, h8km, 11km, n35, c1936/44, Cyprus region

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

IDC 02 00:45:24.3±1.9, 5.44S, 154.32E, h166km, 17km, mb3.4/7, mbmpm3.9/10, Error ellipse: s-maj=25.0km s-min=17.8km

NEIC 02 00:45:26.5±1.5, 5.5S, 0.4, 154.3E, 0.2, h175km, 26km, mb4.0/10, Error ellipse: s-maj=58.5km s-min=17.7km

ISC 02 00:45:20.0, 0.9, 5.57S, 0.10, 154.7E, 0.1, h18km, n22, c1826/25, mb3.6/10, Bougainville-Solomon islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TAU, H01W1, H01W2, etc.

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

2d 1h

2016 DEC

Table with columns: J20K, PMR, PKI, PKIN, CUT, CAST, CAST, CAST, KAM, SML, KTH, TRF, TRF, GKN, BPAW, WAT1, WAT6, WL5, I21K, I21K, M24K, M24K, H1K1, H1K1, H21K, DHY, KOLN, DANN, MLY, MLY, N25K, N25K, G21K, NEA2, NEA2, HAAR, MESA, MAW, H22K, WRH, MCARA, I23K, PYUN, F21K, CCB, MDM, TCOL, COLA, COLA, HDA, K24K, H23K, PINM, TIXI, M26K, M26K, IL31, ILAR, RIDG, RIDG, F22K, L26K, O28M, G23K, DOT, DOT, H24K, WMQ, WMQ, M27K, COLD, SCRK, SIT, YUK3, O29M, YUK8, E22K, L27K, BVCV, PRP, HYBB, HYBB, J26L, G24K, YUK6, S32K

Table with columns: YUK4, E23K, P30M, HYT, F24K, G25K, D23K, E24K, I26K, TOLK, TOLK, A21K, M29M, N30M, O30M, EGAK, F25K, C23K, DAWY, DAWY, I27K, G26K, BMAR, N31M, E25K, M30M, M30M, C24K, F26K, H27K, K29M, J29M, G27K, D25K, S34M, I29M, M31M, E27K, C26K, C27K, ISA, EPYK, EDW2, CWC, G30M, LRMC, MKAR, MKAR, NVAR, NVAR, MPMC, NV11, NV11, MONP, ZALV, ZALV, FURC, HEC, F31M, BELC, J08A, TUQ, BC3, TPNV, GMRC, INK, IRM, SHPR, R11A, BELA, PRN, ELK, MFID, NEW, PLID, ELIB, HLID, HLID, B36M, A36M, A36M, BOZM, YKA

Table with columns: TROLL, BW06, PDAR, PDAR, SNA3, SNA3, SNA3, VNA3, VNA2, VNA1, NACGM, AKASO, NOA, BRTR, CEPUS, GERES, PTGA, MVO, MVO, POLO, ESDC, PVIS, MTE, PCBR, PMRV, PMTG, PMAR, EVO, PBEJ, PNCL, PNCL, MESJ, PTEO, KIC, DBIC, LIC, TIC

SJA 02 01:14:26.6 0.7, 27:02S:71:60W, h9km, ML4.6, MW4.2
IDC 02 01:14:29.0 0.9, 27:18S:70:90W, h0km, mb4.3/6,
mbtm4.2/9, ML3.7/3, MS4.0/4, Error ellipse: s-maj=29.1km
s-min=22.5km az=103.0
NEIC 02 01:14:30.8 2.2, 27:05S:0:04, 71:36W, 0:07, h16km, 4km,
mb4.5/16, Mw4.4/5, Mw4.7(GUC), Error ellipse:
s-maj=8.8km s-min=6.2km az=87.0, Moment Tensor
Solution, Moment tensor: Scale 10^19Nm; M2,54;
Mw=0.44; Mw=2.93; Mw=0.62; Mw=1.15; Mw=2.92; Fault
plane solution: Md=4200.0; Np=41.2300;
328.56000°, 1.132.02000°. NP2=1.475.49000°, 869.20000°,
1.69.98000°. Principal axes: T=0.0874, P1g1.0000°,
Az=56.00000°, N=0.2889, P1g1.0000°, Az=183.0000°; P
-4.3763, P222.0000°, Az=281.0000°
GUC 02 01:14:31.7 0.8, 27:14S:71:31W, h31km, 4km, ML4.6
VAO 02 01:14:56.2 3.1, 26:79S:70:63W, h251km, 26km, mb4.3
ISC 02 01:14:29.0 1.1, 27:10S:02:71:37W, 0.04, h6km, 7km,
n133, s175/160, mb4.5/10, MS4.1/3, 9C-2D, Near coast of
northern Chile

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

2d 1h

2016 DEC

Table with multiple columns containing station identifiers (e.g., OHAK, N20K, CAST), station names (e.g., Old Harbor, Mount Spurr, Castle Rocks), coordinates, and various data points including elevation, frequency, and signal strength. The table is organized into a grid with 10 columns per page.

0.4nm,0.6s
FINES **FINES Array B 124.56 28 PKP** **PKPdf** **03 17 33.9 -4.1**
 2.9nm,0.9s,baz=253,slow=1.5,SNR=3.8
ILAR **Eielson Array 149.73 32 PKPbc** **PKPdf** **03 18 25.9 +2.3**
 1.5nm,0.7s,baz=129,slow=1.5,SNR=5.0
SONM **Songino Array 151.19 17 PKPbc** **PKPdf** **03 18 27.7 +1.0**
 0.5nm,0.5s,baz=222,slow=4.5,SNR=5.0

*ARE 02 03:04:53.2,4.1,25:35S:0:06:70:92W:0:09,h15km,4km,
 Error ellipse: s-maj=0.0km s-min=0.0km az=170.0*
*NEIC 02 03:04:58.3,0.4,0:10:20:72W:0:09,h10km,1km,
 mb4.8/73.ML4.1(ARE),Error ellipse: s-maj=14.4km,
 s-min=2.9km az=254.0*
*GCMT 02 03:04:58.3,0.4,15:36S:0:02:70:72W:0:03,h28km,1km,
 MW5.0/72.Moment Tensor Solution. s20,c21: s72,c8;
 Duration: 0 Moment tensor: Scale 10^19Nm; Mir:2.77s;26;
 Mwo:1.07s;16; Mwo:1.70s;17; Mwo:0.41s;23; Mwo:2.22s;09;
 Mwo:1.51s;24; Best double couple: M3:63200*10^16
 NP1:343.00000*,658.00000*,-129.00000*. NP2:
 0s15.00000*,643.00000*,-129.00000*. Principal axes:
 T:3.7500,Plg6.00000*,Azmi51.00000*,N:-0.2360,
 Ch25.00000*,Azmi145.00000*,P:-3.5140,Plg63.00000*,
 Azm305.00000* Azm305.00000* refers to bomb waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function*
VAO 02 03:04:59.1,0.7,15:22S:70:77W,h10km,mb4.3
*ISC-HE 02 03:04:59.5,15:17S:70:90W,h28km,Error ellipse:
 s-maj=6.2km s-min=3.7km az=64.0*
*IDC 02 03:05:03.0,2.0,15:27S:70:76W,h63km,20km,mb4.0/7,
 mbmp=4.2/12,MS3.8/49,Error ellipse: s-maj=25.3km,
 s-min=16.5km az=63.0*
**ISC 02 03:04:57.2,0.4,15:21S:0:05:70:86W:0:07,h10km,n168,
 r136/107,mb4.8/40,MS3.9/44, Southern Peru**

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC
PB18	Visviri	2.72	151	P	Pn	03	05	44.2	+2.8	
LPZA	La Paz	2.84	113	P	Pb	03	05	46.8	-1.6	
LPZA	234nm,0.6s,baz=285,slow=14,SNR=200									
LPZA	91nm,0.7s,baz=164,slow=9.7,SNR=1.7				Sb	03	06	23.5	0.0	
LPZA	comp=2.3um,22.0s,baz=313,slow=48				LR	03	07	12.7		
LPZA	La Paz	2.84	113	P	Pn	03	05	45.9	+2.7	
AP01	Chacaltaya	3.18	173	P	Pn	03	05	48.9	+1.4	
PB16	IPOC Station P	3.37	158	P	Pn	03	05	53.4	+2.9	
PB12	IPOC Station P	3.43	172	Pn	Pn	03	05	52.1	+1.3	
MNMC	Minye Minye	4.09	163	P	Pn	03	06	01.5	+1.5	
PSGC	Pisagua	4.42	171	P	Pn	03	06	03.3	+2.3	
PB11	IPOC Station P	4.57	166	Pn	Pn	03	06	11.1	+2.3	
G001	Chusmiza	4.64	161	P	Pn	03	06	15.4	+2.0	
TA02	Huauquique	5.08	172	Pn	Pn	03	06	17.2	+2.1	
PB08	IPOC Station P	5.17	163	Pn	Pn	03	06	18.4	+1.0	
TA01	Diego Aracena	5.37	173	Pn	Pn	03	06	24.2	+3.2	
PATCX	Punta Palache	5.95	168	P	Pn	03	06	25.9	+0.4	
PB01	IPOC Station P	6.12	173	Pn	Pn	03	06	29.8	+1.5	
PB02	IPOC Station P	6.55	172	Pn	Pn	03	06	35.6	+1.8	
PB07	IPOC Station P	6.55	172	Pn	Pn	03	06	40.7	+5.8	
NNA	Nana	6.64	298	P	Pn	03	09	32.5		
NNA	16nm,0.6s,baz=164,slow=7.8,SNR=7.5				LR	03	09	32.5		
NNA	comp=2.1um,21.4s,baz=142,slow=40				LR	03	09	32.5		
ETMB	Extrema	7.02	41	eP	Pn	03	06	41.2	+1.1	
ETMB	Extrema	7.02	41	eP	Pn	03	06	41.9	+1.8	
PB06	IPOC Station P	7.56	171	Pn	Pn	03	06	49.6	+2.0	
LVC	Limon Verde	7.59	166	P	Pn	03	06	49.0	+0.7	
LVC	4.9nm,0.7s,baz=177,slow=8.1,SNR=6.3				S	03	08	13.9	-0.7	
LVC	8.1nm,0.9s,baz=341,slow=22,SNR=1.8				LR	03	09	43.1		
LVC	comp=2.552nm,21.0s,baz=314,slow=37				LR	03	09	43.1		
LVC	Limon Verde	7.59	166	P	Pn	03	06	48.4	+0.1	
CZSB	Cruzeiro do Su	7.65	346	eP	Pn	03	06	51.6	+2.9	
CZSB	Cruzeiro do Su	7.65	346	eP	Pn	03	06	50.9	+2.2	
PB15	IPOC Station P	8.07	171	Pn	Pn	03	06	56.4	+1.7	
SBV	San Ignacio	9.96	36	P	Pn	03	07	14.0	+0.2	
SBV	21nm,0.8s,baz=274,slow=13,SNR=44				LR	03	11	25.6		
SIV	comp=2.1um,19.3s,baz=288,slow=41				LR	03	07	28.4	+0.4	
VBST	Vila Bela da S	10.51	98	eP	Pn	03	07	28.4	+0.8	
VILB	Vilhena	10.58	129	eP	Pn	03	07	29.7	+0.6	
TBTG	Tabatinga, AM	10.99	5	eP	Pn	03	07	37.2	+2.6	
PTLB	Pontes e Lacer	11.31	93	eP	Pn	03	07	38.8	-0.3	
PTLB	Pontes e Lacer	11.31	93	eP	Pn	03	07	38.3	-0.8	
GB1L	La Banda, Boli	12.07	119	eP	Pn	03	07	49.1	+0.1	
TEFE	Teffe	13.14	28	eP	Pn	03	08	05.9	+1.8	
PTET	Porto Estrela	13.22	93	eP	Pn	03	08	03.0	-2.1	
SALV	Santo Antonio	14.63	95	eP	Pn	03	08	26.1	+1.7	
COHC	Cochancy	15.12	326	eP	Pn	03	08	32.9	+1.8	
CLDE	Colider	15.29	75	eP	Pn	03	08	34.7	+1.4	
SGCB	São Gabriel d	15.46	16	eP	Pn	03	08	36.5	+1.0	
ANTJ	Antonio Joao	15.61	118	eP	Pn	03	08	40.1	+2.6	
MACA	Manacapurua-AM	15.61	41	eP	Pn	03	08	36.5	-1.0	
MACA	10.3nm,0.8s,baz=256,slow=10,SNR=6.4				Iamb	03	08	48.8		
RVDE	Refugio Sur-Vo	15.69	106	eP	Pn	03	08	39.6	+1.1	
CHSH	Refugio Sur-Vo	15.75	329	Pn	Pn	03	08	40.0	+1.0	
CHSH	comp=2.140nm,1.9s				Iamb	03	08	52.3		
SLOR	San Lorenzo	16.24	332	Pn	Pn	03	08	46.5	+0.4	
CFA	Coronel Fontan	16.50	172	P	Pn	03	08	49.2	+0.3	
CFA	comp=2.3,1nm,0.8s,baz=37.7,slow=12,SNR=6.4				LR	03	10	06.4		
CPUP	Villa Florida	16.80	133	LR	LR	03	10	45.2		
CPUP	comp=2.52nm,20.2s,baz=305,slow=42				LR	03	10	45.2		
PNGB	Novo Progresso	17.23	64	eP	P	03	09	00.4	+0.7	
PTGA	Pitinga	17.96	38	eP	P	03	09	05.2	-2.0	
PTGA	comp=2.5,9nm,0.5s,baz=225,slow=13,SNR=15				LR	03	10	37.1		
ITTB	Itaituba	18.37	56	eP	Pn	03	09	12.7	+0.4	
SNDB	Serra Nova Dou	19.29	83	eP	Pn	03	09	24.1	+0.8	
ITQB	Itaquí	19.48	140	eP	Pn	03	09	25.3	+1.0	
IB02	Sierra Bellavi	19.50	154	eP	P	03	09	25.9	+1.2	
ROSC	El Rosal	20.21	350	LR	P	03	10	06.2		
BOAV	Boa Vista	20.26	31	eP	P	03	09	33.5	+0.5	
BOAV	comp=2.7,6nm,1.0s				Iamb	03	09	34.9		
BOAV	Boa Vista	20.26	31	eP	P	03	09	34.0	+1.0	
MALB	Monte Alegre	21.07	53	eP	P	03	09	43.1	+1.3	
CPBS	Cacapava Do Su	22.02	136	eP	P	03	09	52.5	+0.7	
BDFB	Brasilia	22.03	94	eP	LR	03	10	46.7		
PRPB	Parauapebas	22.52	69	eP	P	03	09	59.0	+1.5	
SMTB	Santa Maria do	23.61	77	eP	P	03	10	10.4	+1.9	
MCPB	Macapa, AP	23.72	53	eP	P	03	10	10.9	+1.2	
BAUV	El Baul	24.16	7	eP	P	03	10	12.0	-1.7	
PLCA	Paso Flores	25.44	179	P	P	03	10	24.5	-0.7	
PLCA	comp=2.6,9nm,1.0s,baz=84,slow=9.8,SNR=6.7				LR	03	10	37.9		
PLCA	comp=2.133nm,19.7s,baz=344,slow=34				P	03	10	24.6	-0.6	
PLCA	Paso Flores	25.44	179	P	Iamb	03	10	26.2		
JTS	Las Juntas de	29.32	300	LR	LR	03	21	20.6		
LGUH	Lajas Negras	29.46	330	LR	LR	03	21	20.6		
TGUH	Teguigalpa,Un	33.30	330	Iamb	Iamb	03	11	36.0	+0.6	
TGUH	comp=2.9,6nm,0.8s				LR	03	26	08.7		
SJG	San Juan	33.43	8	LR	LR	03	26	08.7		
SJG	comp=2.83nm,19.0s,baz=296,slow=36				LR	03	26	08.7		
RCBR	Riachuelo	35.56	79	LR	LR	03	27	02.4		
RCBR	comp=2.686nm,19.3s,baz=34,slow=37				LR	03	27	02.4		
RPN	Rapa Nui	37.64	245	LR	LR	03	24	31.5		
RPN	comp=2.104nm,18.4s,baz=78,slow=31				LR	03	26	53.9		
CMIG	Mitazas Fomen	39.89	323	LR	LR	03	26	53.9		
CMIG	comp=2.80nm,20.1s,baz=137,slow=33				LR	03	26	53.9		
ZAIG	Zacatecas	48.87	320	P	P	03	13	44.9	+1.2	
PMSA	Palmer Station	49.74	176	LR	LR	03	34	42.5		
PMSA	comp=2.56nm,18.3s,baz=340,slow=36				LR	03	34	42.5		
146A	Union	50.66	340	P	P	03	13	56.5	-0.2	
NATX	Nacodoches	51.98	334	P	P	03	14	08.1	+1.4	
TKL	Tuckaleechee C	52.09	347	LR	LR	03	37	23.3		
WLAR	White Oak Lake	53.05	337	P	P	03	14	14.4	-0.2	
TXAR	Lajas Array	54.44	324	P	P	03	14	24.7	-0.3	

TXAR	comp=2.1,9nm,0.8s,baz=146,slow=8.3,SNR=24	LR	LR	03	26	23.3				
Z35A	comp=2.7,7nm,18.5s,baz=108,slow=34 <td>LR</td> <td>LR</td> <td>03</td> <td>26</td> <td>23.3</td>	LR	LR	03	26	23.3				
Z35A	comp=2.7,9nm,0.8s <td>P</td> <td>P</td> <td>03</td> <td>14</td> <td>25.4 +0.6</td>	P	P	03	14	25.4 +0.6				
Z35A	Perchaven, San	54.45	333	P	Iamb	03	14	27.1		
X37A	Clayton	54.73	335	P	LR	03	14	26.4	-0.5	
LPIG	La Paz	54.87	315	LR	LR	03	33	54.5		
HHAR	Hobbs	55.63	337	Iamb	Iamb	03	14	33.3		
MGMO	Mountain Grove	55.85	339	P	P	03	14	33.1	-1.8	
CM	Cathedral Cave	56.33	341	P	P	03	14	36.7	-1.5	
MSTX	Muleshoe	57.58	329	P	P	03	14	46.7	-0.8	
MSTX	comp=2.20nm,1.3s	Iamb	Iamb	03	14	47.6				
SADO	Sadowa	60.16	353	LR	LR	03	42	20.6		
SADO	comp=2.5,7nm,20.6s,baz=154,slow=37				LR	03	42	20.6		
ANMO	Albuquerque	60.25	327	LR	LR	03	42	13.1		
ANMO	comp=2.44nm,20.1s,baz=236,slow=37				LR	03	42	13.1		
ANMO	Albuquerque	60.25	327	P	Iamb	03	15	06.1	0.0	
ANMO	comp=2.14nm,1.8s	Iamb	Iamb	03	15	07.9				
214A	Organ Pipe Nat	61.77	320	P	Iamb	03	15	15.8	-0.4	
214A	comp=2.9,1nm,1.4s	Iamb	Iamb	03	15	17.5				
SDDO	Great Sand Dun	61.91	329	P	Iamb	03	15	17.6	+0.1	
SDDO	comp=2.7,9nm,1.0s	Iamb	Iamb	03	15	18.5				
MVCO	Mesa Verde	63.04	327	Iamb	Iamb	03	15	26.0		
MVCO	comp=2.12nm,1.3s	Iamb	Iamb	03	15	24.9				
ECSD	ECOS Data Cent	63.21	339	P	P	03	15	27.6	+0.8	
WUAZ	Wupatki	63.38	324	P	Iamb	03	15	28.7		
WUAZ	comp=2.9,9nm,1.4s	Iamb	Iamb	03	15	30.9				

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FINES FINES Array B, NVAR Mina Array Bea, BRTR Keskin Array B, TXAR Lajillas Array.

KRNET 02 04:02:26.8-0.1, 39.68N; 75.52E, mb3.1
SOME 02 04:02:26.7, 39.78N; 75.57E, h0km
NIC 02 04:02:29.5-1.1, 39.90N; 75.61E, h0km, mb3.6, mpv3.2,
Error ellipse: s-maj=8.1km s-min=5.7km az=149.0

ISC 02 04:02:23.9-2.4, 39.68N; 0109.75.57E; 0.04, h2km; 17km,
n45, c1502/70, 16C-8D, Southern Xinjiang

Main table listing seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NRN Naryn, ARLS Aral, ULHL Ulahol, TARG Taragay, UCH Uchtor, BOOM Boomsokoye usch, AML Almayashu, KBK Karagaybulak, AAK Ala-Archa, TKM2 Tokmak 2, CHMS Chumysh, KST Kastek, IZV Izvestkoviy, MTBS Matube, TNS5 Tianshan, MRKS Merke, MDOK Medeo, KOTS Kotyrbulak, KRB5 Karabastau, KTBS Karatobe.

Table listing seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUU Kurly, KUU Kurty, KPKS Kokpek, PDGK Podgornoye, IUG Iuzhnay, KK31 Karatay Array, BTLS Baital.

IDC 02 04:11:44.6-1.6, 61.16N; 125.43E, h0km, mb3.6/6,
mbtmp3.6/6, MS2.9/2, Error ellipse: s-maj=166.0km
s-min=19.2km az=67.0
MAN 02 04:11:47.5, 10.97N; 124.78E, h4km, mb4.7, ML3.6, MS3.5
MAN INTENSITY III - ALBUERA LEYTE, INTENSITY II -
BURAUEN LEYTE; INTENSITY I - DAGAMI LEYTE.
ISC 02 04:11:49.3-1.5, 10.97N; 124.74E; 0.05, h26km; 12km,
n22, c2504/33, mb3.8/6, 6C-6D, Leyte

Table listing seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TABP Talibon, LLP Lapu-Lapu, SURG Surigao, GHPB Garcia Hernand, TBP Tagbilaran, RCP Roxas, LSP Lazi, BUTP Butuan, SIB Sibulan, CGP Cagayan de Oro, MUS Musuan, BIPH Bislig, KCP Kidapawan, LQP Lukban, KRSR Korea Array, WRA Warramunga Arr, SONM Sogino Array, STKA Stephens Creek, MKAR Makanchi Array, BVAR Borovoye Array.

IDC 02 04:14:54.0-55.0, 21.14S; 176.14W, h0km, mb3.9/3,
mbtmp3.9/3, Error ellipse: s-maj=1016.0km
s-min=172.3km az=84.0, Fiji Islands region

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

HLW 02 04:35:42.6-33.2, 21N; 35.55E, h11km; 24km, MD4.0, M14.2
NIC 02 04:35:44.0-0.0, 32.97N; 35.55E, h5km; 1km, M14.1/8
ISK 02 04:35:43.1, 33.00N; 35.45E, h4km, ML4.0/24
JSO 02 04:35:45.3-0.3, 33.33N; 33.66E, h9km; 3km
GII 02 04:35:45.0-0.2, 32.94N; 35.63E, h13km; 1km, MD3.8/4,
Mm3.7/5
GRAL 02 04:35:45.2-0.9, 32.95N; 35.66E, h9km; 1km, MD3.7
ISC 02 04:35:45.2-0.9, 32.95N; 0.02-35.62E; 0.03, h18km; 7km,
n102, c0975/138, Dead Sea region

Table listing seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSHT Keshet, MMA08 Mount Meron ar, SHMJ Saham, GEM Giv'at Ha'Em, NATI Neve Ativ, HNTI Hanita, BLGI Bet Lehem HaGe, MMLI Mount Malkishu, KSHT Keshet, MMA08 Mount Meron ar, SHMJ Saham, GEM Giv'at Ha'Em, NATI Neve Ativ, HNTI Hanita, BLGI Bet Lehem HaGe, MMLI Mount Malkishu, RCY Rachaya, OFRI Ofer.

Main table listing seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OFRI Nahal Hemdat, DQRL Deir Qamar, SLTI Salit, BEYL Beirut, ZAHL Zahle, BHLL Bhanes, SALS Salfit, HSJU Al Zarqa, UJAP Al Uja, UJAP Al Uja, ASF Jabal al Asfar, HWQ Hawqa, DSI Dead Sea, DSI Dead Sea, WALJ Wala, AMAZ Amatzia, YTR Yattir, YTR Yattir, MDBI Mazsada, MDBI Mazsada, LISJ El Lisan, SWQ Swaqa, KZIT Kziot, KZIT Kziot, KZIT Kziot, KZIT Kziot, ZFRI Zfri, PARAL Paralimni, PARAL Paralimni, HSNJ Maan, ASGA Asgata, ASGA Asgata, ASGA Asgata, CSS Mathiatis, CSS Mathiatis, CSS Mathiatis, EREN Erenkoy, EREN Erenkoy, ATHAL Athalassa, LFK Lefkoi, SZAC Szac, SZAC Szac, KRMI Paran Fat, HRFI Mount Harif, HRFI Mount Harif, YAYL Yatalad, NATA NATA, NATA NATA, NATA NATA, NATA NATA, LEF Lefka, LEF Lefka, MBRI Mt Berech, MBRI Mt Berech, ALQB Agaba, EIL Elat, EIL Elat, ALFC Alefa, AKMS Akamas, AKMS Akamas, AKMS Akamas, AKMS Akamas, TAHT Tahan-Puru-Hat, TISA Tisan-Mersin, KARG Kargiac-Mersin, AKK2 Akkuy-Mersin, AKKU Akkuy-Mersin, IKL Isikil, OSCI CSNET OBS 1, OSCI CSNET OBS 1, SILI Silifke-Mersin, TEPK Tepekoy-MERSIN, OREN Orenkoy-Mersin, TEKE Tekel-Mersin, HBST Basata, KEBE Keben-Mersin, SUZ Suez, TEVE Tevekat-Mers, BERE Bereket-Mersin, NUB Nuweibaa, MERS Mersin, CEYT Ceyhan, GAZI Gazipasa, ZNM Zenepa, HDHB Dhahab, KARA Karaisali, KOT Kottamia, KOT Kottamia, KOZT Kozan, KRMM Karaman, CMRD Camrdi-Nigde, GLL Jalalah, HDHB Hadim.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res		
Op	ISC	h	m	s	ISC	h	m	s	ISC
ILA	Ilan	0.05	338	S	Pn	05 45 31.2	+0.5		
ILA	Ilan			S	Sn	05 45 39.9	+1.4		
TWE	Neicheng	0.09	273	iP	Pn	05 45 31.1	+0.4		
TWE	Neicheng			iS	Sn	05 45 39.5	+0.9		
NDS	Dongshan	0.10	211	iP	Pn	05 45 30.2	-0.5		
TWC	Suao	0.13	146	iP	Pn	05 45 31.2	+0.5		
TWC	Suao			iS	Sn	05 45 39.9	+1.1		
NTC	Toucheng	0.15	22	P	Sn	05 45 31.2	+0.4		
NTC	Toucheng			S	Sn	05 45 39.6	+0.8		
FUSB	Fushanzhiwuyua	0.17	285	iP	Pn	05 45 31.1	0.0		
FUSB	Fushanzhiwuyua			S	Sn	05 45 39.0	-0.2		
EGS		0.20	49	iP	Pn	05 45 31.3	+0.2		
EGS				S	Sn	05 45 40.3	+1.1		
ENTT	Nioudou	0.20	248	iP	Pn	05 45 30.3	-0.8		
ENTT	Nioudou			S	Sn	05 45 38.9	-0.4		
NWLT	Wulai	0.25	284	eP	Pn	05 45 30.3	-1.1		
NWLT	Wulai			eS	Sn	05 45 38.3	-1.4		
TIPB	Shuangxi	0.26	11	iP	Pn	05 45 31.7	+0.3		
TIPB	Shuangxi			S	Sn	05 45 39.9	0.0		
EWUT	Wuta	0.27	178	eP	Pn	05 45 30.8	-0.6		
EWUT	Wuta			eS	Sn	05 45 40.0	+0.1		
LATG	Datong	0.28	231	iP	Pn	05 45 31.8	+0.2		
LATG	Datong			iS	Sn	05 45 40.5	+0.2		
ENA	Nanau	0.29	185	eP	Pn	05 45 31.9	+0.4		
ENA	Nanau			S	Sn	05 45 40.9	+0.8		
TWA	Mucha	0.31	327	iP	Pn	05 45 31.8	+0.1		
TWA	Mucha			iS	Sn	05 45 40.5	+0.1		
NHHD	Xindian Distri	0.33	318	eP	Pn	05 45 31.9	+0.1		
NHHD	Xindian Distri			S	Sn	05 45 40.5	0.0		
TWB1	Santiao Chiao	0.35	34	iP	Pn	05 45 32.1	+0.2		
TWB1	Santiao Chiao			iS	Sn	05 45 40.8	0.0		
NWF	Wu-fen Shan	0.35	2	iP	Pn	05 45 32.3	+0.2		
NWF	Wu-fen Shan			iS	Sn	05 45 41.2	+0.2		
WFSB	Wu-fen Shan	0.35	2	iP	Pn	05 45 32.3	+0.4		
WFSB	Wu-fen Shan			iS	Sn	05 45 41.5	+0.7		
YHNB	Yeheng	0.36	263	P	Pn	05 45 31.9	-0.2		
YHNB	Yeheng			iP	Pn	05 45 31.9	-0.2		
YHNB	Yeheng			S	Sn	05 45 40.6	-0.5		
TATO	Taipei	0.36	315	P	Pn	05 45 30.6	-1.4		
TATO	Taipei			iP	Pn	05 45 31.9	-0.1		
TATO	Taipei			S	Sn	05 45 40.7	-0.3		
NHY	Taipei	0.37	331	P	Pn	05 45 32.2	+0.2		
NHY	Taipei			S	Sn	05 45 41.5	+0.5		
NSK	Sanguang	0.38	264	eP	Pn	05 45 30.9	-1.3		
SX11	Grass Mountain	0.39	14	iP	Pn	05 45 32.4	+0.1		
SX11	Grass Mountain			eS	Sn	05 45 41.2	-0.2		
TAP	Taipei	0.40	323	eP	Pn	05 45 32.5	+0.2		
TAP	Taipei			eS	Sn	05 45 41.6	+0.2		
BACT	New Taipei Cit	0.41	313	eP	Pn	05 45 32.2	-0.2		
TNOU	National Taiwa	0.43	0	P	Pn	05 45 32.6	+0.1		
TNOU	National Taiwa			S	Sn	05 45 42.1	+0.2		
NNS	Nan Shan	0.45	233	eP	Pn	05 45 32.2	-0.6		
NNS	Nan Shan			eS	Sn	05 45 41.4	-1.1		
NNSB	Datong	0.45	231	iP	Pn	05 45 33.0	+0.1		
NNSB	Datong			S	Sn	05 45 42.3	-0.2		
NNSH	Datong	0.45	231	eP	Pn	05 45 32.0	-0.9		
NNSH	Datong			eS	Sn	05 45 41.5	-0.9		
YM01	YM01	0.47	337	iP	Pn	05 45 33.0	+0.1		
YM01	YM01			S	Sn	05 45 42.6	+0.1		
NWRT	Kuosheng	0.49	348	eP	Pn	05 45 33.0	0.0		
NWRT	Kuosheng			S	Sn	05 45 42.8	0.0		
YM08	YM08	0.50	341	iP	Pn	05 45 32.9	-0.2		
YM08	YM08			eS	Sn	05 45 42.8	-0.1		
TWS1	Kuangyinshan	0.50	320	iP	Pn	05 45 33.4	+0.3		
TWS1	Kuangyinshan			S	Sn	05 45 43.5	+0.6		
NTY	Taoyuan	0.51	303	eP	Pn	05 45 33.2	0.0		
ANP	Anpu	0.52	334	iP	Pn	05 45 33.3	-0.2		
NTST	Danshui	0.53	327	eP	Pn	05 45 33.7	+0.2		
NACB	Ninganchiao	0.55	196	P	Pn	05 45 32.1	-1.7		
NACB	Ninganchiao			P	Pn	05 45 32.8	-1.0		
ETL	Fush Village	0.57	194	eP	Pn	05 45 33.0	-0.9		
ETLH	Xiulin Townshi	0.57	207	iP	Pn	05 45 33.5	-0.4		
TWY	Chenhua	0.58	345	iP	Pn	05 45 34.3	+0.4		
TWY	Chenhua			S	Sn	05 45 45.1	+0.9		
NCU	National Centr	0.59	296	P	Pn	05 45 34.1	+0.1		
NCU	National Centr			iS	Sn	05 45 44.7	+0.3		
NCUH	Zhongli	0.59	295	eP	Pn	05 45 33.7	-0.3		
NCUH	Zhongli			S	Sn	05 45 44.8	+0.4		
NSM	Shimen	0.59	344	eP	Pn	05 45 34.3	+0.2		
NFF	Wufeng Townshi	0.60	262	iP	Pn	05 45 33.0	-1.2		
NFF	Wufeng Townshi			eS	Sn	05 45 43.0	-1.7		
TWD	Chiawan	0.65	194	eP	Pn	05 45 33.7	-1.0		
FUSS	Fushou	0.67	226	P	Pn	05 45 35.5	+0.4		
FUSS	Fushou			eS	Sn	05 45 46.3	0.0		
HSN1	Hsinchu	0.69	275	P	Pn	05 45 35.7	+0.7		

HSN1	baz=276						
LIOB	Emel	0.69	264	iP	Pn	05 45 35.1	0.0
LIOB	Emel			S	Sn	05 45 46.1	-0.2
NSTT	Nanjuang	0.70	263	eP	Pn	05 45 35.1	-0.1
NSTT	Nanjuang			eS	Sn	05 45 46.2	-0.3
NHW	Xinwu Township	0.72	294	iP	Pn	05 45 35.5	+0.2
NHW	Xinwu Township			S	Sn	05 45 47.2	+0.5
SBCB	Hsinchu	0.72	276	eP	Pn	05 45 35.8	+0.5
SBCB	Hsinchu			eS	Sn	05 45 46.8	0.0
TDCB	Techi	0.72	230	iP	Pn	05 45 36.2	+0.7
TDCB	Techi			S	Sn	05 45 47.0	-0.2
HSN	Hsinchu	0.73	277	eP	Pn	05 45 35.6	+0.1
HSN	Hsinchu			eS	Sn	05 45 46.5	-0.6
WHF	Hehuan Shan	0.73	219	iP	Pn	05 45 36.0	0.0
WHF	Hehuan Shan			S	Sn	05 45 47.5	-0.3
HWA	Hwaiien	0.75	192	eP	Pn	05 45 35.1	-0.6
ETM	Tongmen	0.79	199	eP	Pn	05 45 35.1	-1.0
NJN	Zhunan	0.82	268	eP	Pn	05 45 36.9	+0.5
CHGB	Renai	0.85	220	iP	Pn	05 45 37.6	+0.5
CHGB	Renai			iS	Sn	05 45 50.0	+0.2
TEYL	Yanliu Villag	0.86	191	eP	Pn	05 45 36.8	-0.1
WHP	Taichung City	0.87	240	iP	Pn	05 45 37.8	+0.6
WHP	Taichung City			iS	Sn	05 45 50.2	+0.2
NMLH	Miaoili	0.91	259	eP	Pn	05 45 37.8	+0.3
WUSB	Renai	0.94	220	iP	Pn	05 45 38.4	+0.4
WUSB	Renai			S	Sn	05 45 51.6	+0.1
ESL	Shi	0.95	199	eP	Pn	05 45 36.8	-1.2
PCYT	Pengchaiyu	0.95	17	eP	Pn	05 45 38.4	+0.4
PCYT	Pengchaiyu			eS	Sn	05 45 52.8	+1.2
NSY	Sanyi	0.97	252	P	Pn	05 45 38.7	+0.5
NSY	Sanyi			iS	Sn	05 45 52.3	+0.4
TWQ1	Liyutan	0.98	248	P	Pn	05 45 38.6	+0.2
TWQ1	Liyutan			S	Sn	05 45 52.2	+0.1
WPL	Puli Township	1.02	227	eP	Pn	05 45 39.8	+0.9
WCS	Beigang Elemen	1.02	230	eP	Pn	05 45 38.5	-0.4
DPDB	Guoxing	1.03	229	eP	Pn	05 45 40.1	+1.0
EGFH	Guangfu	1.09	197	eP	Pn	05 45 38.6	-1.2
WDJ	Dajia District	1.09	251	eP	Pn	05 45 40.1	+0.3
WDJ	Dajia District			S	Sn	05 45 55.0	+0.4
JYNG	Yongunijimaku	1.10	104	P	Pn	05 45 39.7	-0.2
JYNG	Yongunijimaku			S	Sn	05 45 54.6	0.4
VWDT	VWDT	1.12	211	iP	Pn	05 45 40.3	+0.2
VWDT	VWDT			iS	Sn	05 45 55.5	+0.4
SMLT	Sun Moon Lake	1.15	224	eP	Pn	05 45 41.1	+0.5
SMLT	Sun Moon Lake			eS	Sn	05 45 56.9	+0.8
YOJ	Yongunijima	1.16	102	P	Pn	05 45 40.4	-0.2
YOJ	Yongunijima			P	Pn	05 45 40.2	-0.4
YOJ	Yongunijima			eS	Sn	05 45 55.6	-0.5
YOJ	Yongunijima			S	Sn	05 45 40.3	-0.2
YOJ	Yongunijima			S	Sn	05 45 55.8	-0.3
TYC	Yuchr	1.16	226	eP	Pn	05 45 41.1	+0.5
WWF	Wufeng	1.19	236	eP	Pn	05 45 40.2	-0.8
WWF	Wufeng			eS	Sn	05 45 56.4	-0.3
SSLB	Suanguang	1.19	219	P	Pn	05 45 41.7	+0.6
SSLB	Suanguang			iP	Pn	05 45 41.6	+0.6
SSLB	Suanguang			S	Sn	05 45 57.3	+0.5
HGSD	Ruisui	1.26	195	P	Pn	05 45 41.8	-0.1
HGSD	Ruisui			eS	Sn	05 45 59.6	+1.2
EHY	Hungye	1.27	199	eP	Pn	05 45 40.8	-1.3
WCHH	Zhanghua	1.27	240	eP	Pn	05 45 42.4	+0.3
WCHH	Zhanghua			eS	Sn	05 45 58.9	+0.2
WNT	Mingji	1.29	230	eP	Pn	05 45 43.0	+0.7
WJS	Zhushan	1.30	227	eP	Pn	05 45 43.3	+0.9
WHYT	Xinyi Township	1.32	220	eP	Pn	05 45 44.1	+1.3
YULB	Yu-li	1.39	198	P	Pn	05 45 43.1	-0.5
YULB	Yu-li			P	Pn	05 45 41.9	-1.7
EYUL	Yuli	1.42	197	eP	Pn	05 45 45.0	+1.0
TWF1	Yuli	1.43	198	eP	Pn	05 45 42.6	-1.4
YUS	Yu-Shan	1.43	212	eP	Pn	05 45 44.9	+0.2
ALS	Alishan	1.49	216	eP	Pn	05 45 46.2	+1.1
ALS	Alishan			eS	Sn	05 46 05.7	+1.5
CHNS	Tsauling	1.50	222	eP	Pn	05 45 44.5	-0.5
WKG	Gukeng	1.51	227	eP	Pn	05 45 45.9	+0.8
WRL	Guoierlin Hig	1.51	238	eP	Pn	05 45 45.3	+0.2
WDLH	Douliu	1.52	228	eP	Pn	05 45 45.8	+0.5
FULB	Fulu	1.57	196	eP	Pn	05 45 47.0	+1.0
WTK	Tuku	1.62	231	eP	Pn	05 45 46.6	-0.1
CHKT	Chengkung	1.65	193	eP	Pn	05 45 47.0	0.0
WCKO	Fanlu	1.66	220	eP	Pn	05 45 47.9	+0.8
ELDTW	Lidau	1.67	205	eP	Pn	05 45 47.2	-0.1
ECS	Chishang	1.69	197	eP	Pn	05 45 48.8	+1.2
CHY	Chiayi	1.73	226	eP	Pn	05 45 48.6	+0.6
CHN4	Tsushan	1.73	219	eP	Pn	05 45 48.2	0.0
TPUB	Ta-pu	1.75	217	P	Pn	05 45 49.5	+1.1
TPUB	Ta-pu			P	Pn	05 45 49.0	+0.6
EDH	Donche	1.79	194	eP	Pn	05 45 48.8	0.0
STYH	Taoyuan	1.79	211	eP	Pn	05 45 49.3	+0.5
STYT	Taoyuan	1.80	211	eP	Pn	05 45 50.3	+1.2

WTP	baz=211						
IRIF	Iriomote-Funau	1.83	102	eP	Pn	05 45 48.9	-0.4
IRIF	Iriomote-Funau			S	Sn	05 45 51.1	+0.6
IRIF	Iriomote-Funau			eS	Pn	05 45 50.5	-0.6
LONT	Longtian</						

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Table with columns: GCSZ, Gaunt Creek Bo, NEZ, North Egmont, PNHZ, Pukenui, PKE, Pukeiti, PKVZ, Pokaka, VRZ, Vera Road, TMZ, Timaru, MOVZ, Moawhango, WUVZ, Wahianoa, TUKINO, Tukino, SNVZ, South Ngauruho, FOZ, Fox Glacier, OTVZ, Otutere, WTVZ, West Tongariro, TMVZ, Te Maari, NTVZ, North Tongarir, LBZ, Lake Benmore, HZ, Hauiti, ODZ, Otahua Downs, MTHZ, Maungataniwha, JCZ, Jackson Bay, EAZ, Earnscleugh, TUZ, Tuapeka, MKAZ, Moutakaki, MLZ, Mavora Lakes, SYZ, Scrubby Hill, APZ, The Paps.

WEL 02 06:00:54.9, 40°S, 38°17'5E, 1.7, h17km, 23km, M2.4/11, ML2.7/9, MLv2.4/11, Error ellipse: s-maj=0.1km s-min=0.0km az=169.7, North Island

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include PRWZ, TSZ, Takapari Road, DVHZ, Dannverike, ANWZ, Angora Road, BHZ, Black Hill Sta, WHVZ, Whangaehu Hut, FWVZ, Far West T-bar, NGZ, Ngauruhoe, KWHZ, Kaweka Forest, NNVZ, North Ngauruho, ETVZ, East Tongariro, KRVZ, Karewarewa, TWVZ, Taureanu, MCHZ, McNeill Hill, BKZ, Black Stump Fm, RATZ, Rangitukia.

IDC 02 06:02:36.8, 1.8, 3°11'S, 147°65'E, h0km, mb3.5/3, mbtmp3.7/4, ML2.5/1, MS3.1/1, Error ellipse: s-maj=91.5km s-min=28.0km az=114.0, Bismarck Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include PMG, Pori Moresby, WRA, Warramunga Arr, ASAR, Alice Springs, ILAR, Eielson Array.

IDC 02 06:22:39.1, 8.3, 0°08'S, 98°05'E, h0km, mb3.6/4, mbtmp3.8/4, Error ellipse: s-maj=405.9km s-min=24.4km az=55.0, Southern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include WRA, Warramunga Arr, ASAR, Alice Springs, MKAR, Makanchi Array, ZALV, Zalesovo Beam.

ROM 02 06:27:51.9, 0.1, 42°99'N, 0°00'33"E, h10km, ML1.5/9, 2C-1D, Error ellipse: s-maj=0.3km s-min=0.3km az=103.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include T1256, Bolognola (MC), T1256, comp=N, 694um, 0.3s, T1256, comp=N, 744um, 0.6s, T1256, comp=N, 634um, 0.6s, T1256, comp=E, 694um, 0.3s, T1256, comp=N, 745um, 0.6s, T1256, comp=E, 644um, 0.4s, T1256, comp=N, 633um, 0.6s, T1216, Preci, Frazion, T1216, comp=N, 258um, 0.2s, T1216, comp=N, 362um, 1.0s, MC2, Monte Cornacci, CESI, Cesi - Serrava, CESI, comp=N, 324um, 0.2s, CESI, comp=N, 397um, 0.2s, CSP1, Cessapalombo, CSP1, comp=N, 507um, 0.2s, CSP1, comp=N, 507um, 0.2s, CSP1, comp=N, 507um, 0.2s, CSP1, comp=N, 508um, 0.2s, EL6, Elicito, T1241, Roccafulvione, T1241, comp=N, 141um, 1.5s, T1245, Bolognola (MC), T1245, comp=N, 678um, 0.2s, T1245, comp=N, 490um, 0.3s, T1245, comp=N, 681um, 0.2s, T1245, comp=N, 437um, 0.2s, T1245, comp=N, 568um, 0.9s, T1245, comp=N, 568um, 0.9s, T1245, comp=N, 682um, 0.2s, T1245, comp=N, 452um, 0.9s, NRCA, Norcia, NRCA, comp=N, 424um, 0.2s, NRCA, comp=N, 372um, 1.0s, NRCA, comp=N, 510um, 1.0s.

Table with columns: NRCA, comp=N, 349um, 0.1s, NRCA, comp=N, 235um, 0.2s, NRCA, comp=N, 335um, 0.7s, NRCA, comp=N, 297um, 1.1s, NRCA, comp=N, 220um, 0.1s, MMO1, Montemonaco, MMO1, Vallo di Nera, T1215, comp=N, 55um, 0.9s, T1215, comp=N, 90um, 0.1s, T1218, Civita (PG), T1218, comp=N, 622um, 0.6s, CING, Cingoli, CING, comp=N, 506um, 0.5s, CING, comp=N, 606um, 0.6s, LNSS, Leonessa, LNSS, comp=N, 206um, 1.1s, LNSS, comp=N, 150um, 1.1s, LNSS, comp=N, 88um, 0.1s, LNSS, comp=N, 101um, 0.1s, T1243, Rocca Santa Ma, SMA1, SAN MARTINO, SMA1, comp=N, 238um, 0.3s, SMA1, comp=N, 330um, 0.5s, T1218, Civita (PG), T1218, comp=N, 390um, 0.8s, T1218, comp=N, 466um, 0.2s, T1218, comp=N, 342um, 0.9s, T1218, comp=N, 484um, 0.2s, EL6, Elicito, EL6, comp=N, 666um, 0.2s, EL6, comp=N, 621um, 0.6s, EL6, comp=N, 622um, 0.6s, CING, Cingoli, CING, comp=N, 506um, 0.5s, CING, comp=N, 606um, 0.6s, LNSS, Leonessa, LNSS, comp=N, 206um, 1.1s, LNSS, comp=N, 150um, 1.1s, LNSS, comp=N, 88um, 0.1s, LNSS, comp=N, 101um, 0.1s, T1243, Rocca Santa Ma, SMA1, SAN MARTINO, SMA1, comp=N, 238um, 0.3s, SMA1, comp=N, 330um, 0.5s.

ROM 02 06:27:58.1, 0.1, 43°33'N, 0°00'44"E, h10km, ML2.5/7, 2C-2D, Error ellipse: s-maj=0.6km s-min=0.5km az=277.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CIMA, Civitanova Mar, CIMA, Capodarco di F, CADA, Marolino, PP3, comp=N, 4155um, 0.2s, PP3, comp=N, 546um, 0.3s, PP3, comp=N, 3625um, 0.2s, PP3, comp=N, 5745um, 0.2s, PP3, comp=N, 5740um, 0.2s, PP3, comp=N, 4150um, 0.2s, PP3, comp=N, 546um, 0.3s, PP3, comp=N, 5740um, 1.8s, AOI, Ancona, AOI, comp=N, 1060um, 0.9s, AOI, comp=N, 904um, 0.4s, AOI, comp=N, 1060um, 1.1s, MNTP, Montappone, MNTP, PCRO, Pietralacroce, PCRO, OFFI, Offida, OFFI, comp=N, 2005um, 0.6s, OFFI, comp=N, 1705um, 0.6s, GUMA, Gualdo di Meas, GUMA, comp=N, 3070um, 0.9s, GUMA, comp=N, 8645um, 0.9s, GUMA, comp=N, 8650um, 0.9s, GUMA, comp=N, 1940um, 0.4s, GUMA, comp=N, 8650um, 1.1s, GUMA, comp=N, 2285um, 0.3s, GUMA, comp=N, 3065um, 0.9s, CING, Cingoli, CING, Tortoreto Alta, TRTR, TRTR, comp=N, 938um, 1.0s, TRTR, comp=N, 942um, 1.0s, TRTR, comp=N, 888um, 0.3s, AMO5, Amandola Campo, AMO5, Cessapalombo, CSP1, CSP1, CSP1, comp=N, 507um, 0.2s, CSP1, comp=N, 558um, 0.3s, CSP1, comp=N, 508um, 0.2s, EL6, Elicito, T1241, Roccafulvione, T1241, Bolognola (MC), T1245, comp=N, 694um, 0.3s, T1256, comp=N, 744um, 0.6s, T1256, comp=N, 634um, 0.6s, T1256, comp=N, 745um, 0.6s, T1256, comp=N, 633um, 0.6s, T1256, comp=N, 644um, 0.4s, GUMA, comp=N, 3065um, 0.9s, CING, Cingoli, CING, Tortoreto Alta, TRTR, TRTR, comp=N, 938um, 1.0s, TRTR, comp=N, 942um, 1.0s, TRTR, comp=N, 888um, 0.3s, AMO5, Amandola Campo, AMO5, Cessapalombo, CSP1, CSP1, CSP1, comp=N, 507um, 0.2s, CSP1, comp=N, 558um, 0.3s, CSP1, comp=N, 508um, 0.2s, EL6, Elicito, T1241, Roccafulvione, T1241, Bolognola (MC), T1245, comp=N, 694um, 0.3s, T1256, comp=N, 744um, 0.6s, T1256, comp=N, 634um, 0.6s, T1256, comp=N, 745um, 0.6s, T1256, comp=N, 633um, 0.6s, T1256, comp=N, 644um, 0.4s, T1256, comp=N, 694um, 0.3s, SENI, Senigallia, SENI, comp=N, 337um, 0.5s, SENI, comp=N, 302um, 0.7s, SENI, comp=N, 337um, 0.5s, SENI, comp=N, 302um, 0.7s, SENI, comp=N, 338um, 0.5s.

Table with columns: SENI, comp=N, 338um, 0.5s, SENI, comp=N, 302um, 0.7s, FDMO, FDMO, MC2, Monte Cornacci, MC2, Castelsantange, T1245, comp=N, 681um, 0.2s, T1245, comp=N, 682um, 0.2s, T1245, comp=N, 452um, 0.9s, T1219, Muccia, Frazion, T1219, Rocca Santa Ma, T1243, Arcevia, ARVD, ARVD, comp=N, 203um, 0.2s, ARVD, comp=N, 354um, 0.7s, TERO, Teramo, NRCA, Norcia, T1216, Preci, Frazion, SMA1, SAN MARTINO, SMA1, comp=N, 238um, 0.3s, SMA1, comp=N, 330um, 0.5s, SMA1, comp=N, 238um, 0.3s, T1218, Civita (PG), T1218, comp=N, 390um, 0.8s, T1218, comp=N, 466um, 0.2s, T1218, comp=N, 342um, 0.9s, T1218, comp=N, 484um, 0.2s, T1218, comp=N, 342um, 0.2s, T1218, comp=N, 466um, 0.2s, T1218, comp=N, 466um, 1.8s, T1218, comp=N, 484um, 1.8s, T1218, comp=N, 390um, 1.2s, MPAG, Monte Paganucc, MPAG, comp=N, 162um, 0.9s, MPAG, comp=N, 206um, 1.0s, MPAG, comp=N, 162um, 1.1s, FSSB, Fossombrone, FSSB, comp=N, 702um, 1.3s, FSSB, comp=N, 390um, 0.5s, GIGS, Gran Sasso, GIGS, comp=N, 32um, 1.2s, GIGS, comp=N, 32um, 1.2s, GIGS, comp=N, 30um, 0.3s, GIGS, comp=N, 32um, 0.8s, GIGS, comp=N, 32um, 0.1s, T1215, Vallo di Nera, VCEL, VCellera, VCEL, comp=N, 182um, 0.5s, VCEL, comp=N, 173um, 0.2s, VCEL, comp=N, 182um, 1.5s, LNSS, Leonessa, RM33, Pellescritta, RM33, comp=N, 120um, 0.3s, RM33, comp=N, 114um, 0.4s, RM33, comp=N, 120um, 1.7s, PESA, Pesaro, PESA, comp=N, 178um, 1.2s, PESA, comp=N, 170um, 0.7s, PESA, comp=N, 170um, 1.3s, PESA, comp=N, 178um, 0.8s, PIEI, Pieia, PIEI, comp=N, 158um, 0.2s, PIEI, comp=N, 99um, 0.2s, ATVO, AVT- Monte Val, ATVO, comp=N, 179um, 0.4s, ATVO, comp=N, 179um, 1.6s, ATVO, comp=N, 96um, 0.3s, FAGN, Fagnano, FAGN, comp=N, 156um, 0.3s, FAGN, comp=N, 115um, 0.3s, FAGN, comp=N, 156um, 1.7s, ATPI, Pietralunga, ATPI, comp=N, 124um, 1.1s, ATPI, comp=N, 144um, 0.4s, ATPI, comp=N, 143um, 0.4s, ATPI, comp=N, 124um, 0.9s, ATPI, comp=N, 143um, 1.6s, T0110, Collepietro, T0110, comp=N, 108um, 0.4s, T0110, comp=N, 119um, 0.4s, T0110, comp=N, 108um, 1.6s, INTR, Introdacqua, INTR, comp=N, 224nm, 1.1s, INTR, comp=N, 206nm, 1.6s, INTR, comp=N, 50um, 0.4s, INTR, comp=N, 224nm, 1.1s, INTR, comp=N, 91um, 0.6s, INTR, comp=N, 228nm, 1.5s, INTR, comp=N, 224nm, 0.9s, INTR, comp=N, 91um, 1.4s, INTR, comp=N, 228nm, 0.5s, CAFI, Castiglione Fiume, CAFI, comp=N, 30um, 0.4s, CAFI, comp=N, 27um, 0.3s, CAFI, comp=N, 27um, 1.7s.

Table with columns: BRJN, SGRT, MSAG, BRES, BRES. Includes station names like Brijuni, San Giovanni R, comp=N,54um,1.2s, Monte S. Angel, Bressanone, comp=E,37um,1.5s, comp=N,25um,0.4s.

IDC 02 06:37:29.11.8, 14.25S, 70.51W, h0km, mb3.5/2, mbtm3.6/5, ML3.8/3, MS2.8/5, Error ellipse: s-maj=19.8km s-min=19.8km az=38.0, Central Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like LPAZ, NNA, SIV, PTGA, CPUP, SDV, TXAR, YKA.

JMA 02 06:46:37.20.0.1, 24.4N, 0.7x122.1E, 0.4, h35km, 4km, MV2.9/9, TAIWAN REGION, TAP 02 06:46:37.2, 24.48N, 122.03E, h28km, ML3.5, B

Large table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like TWC, EWUT, ENA, EHP, NDS, EGS, ILA, NTC, TWE, ETL, ENTT, LATG, NACB, FUSB, TWB1, TIPB, TWD, ETLH, NWLT, HWA, NNSH, NNSB, NNS, SX11, NWF, NWF, WFSB, YHNB, YHNB, YHNB.

Large table with columns: TWA, NSK, ETM, TEYL, TEYL, NHDH, NHDH, YJNG, YJNG, TNOU, TATO, TATO, TATO, TAP1, FUSS, FUSS, YOJ, YOJ, YOJ, WHF, WHF, YM01, YM01, YM08, ESL, DTCB, TWS1, TWS1, ANP, NFF, CHGB, CHGB, NTST, TW5, NCUH, EGFH, WUSB, WUSB, LIOB, LIOB, NSTT, NSTT, HGSD, WCS, WCS, NMLH, TWQ1, NSY, SMLT, SSSLB, SSSLB, TYC, YULB, YULB, EYUL, WHYT, WJS, WJS, YUS, FULB, IRIF, IRIF, ALS, ALS, CHNS, CHNS, HATJ, HATJ, ELDTW, WDLH, EDH, EDH, JKRS, JKRS, CHN4, CHN4, TPUB, TPUB, JIJ, JIJ, CHN1, CHN1, CHN1.

WEL 02 06:48:07.0, 4.2' S, 3' 17' 4E, h10km, 4km, M3.3/35, ML3.5/18, MLV3.3/35, Error ellipse: s-maj=0.0km

s-min=0.0km az=142.7, confirmed, NOU 02 06:48:07.5, 41.86S, 174.42E, h8km, MLV3.7/10, Cook Strait, New Zealand

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like CMWZ, BSWZ, BSWZ, TUWZ, TUWZ, SNZO, TONY, WEL, PLWZ, KHZ, KHZ, MSWZ, PAWZ, NNZ, THZ, KIWI, TRWZ, DUWZ, MTW, OGWZ, MRNZ, HOWZ, TKWZ, TMWZ, MRZ, TIWZ, QRZ, QRZ, PRWZ, AMCZ, OHWZ, POWZ, BFZ, BFZ, DSZ, DVHZ, ANWZ, WAZ, WAZ, MOZ, OXZ, INZ, PNHZ, LRZ, LRZ, NMEZ, KHEZ, KHEZ, NEZ, NIWZ, MOVZ, PKE, PKVZ, BHHZ, WNVZ, WHVZ, VRZ, FWVZ, TUWZ, NGZ, SNWZ, OTVZ, NNWZ, KWHZ, WTVZ, ETWZ, ETWZ, WVZ, TMVZ, KRVZ, NTVZ, RPZ, KATZ, BKZ, RATZ, HSRZ, JGZ, JGZ, JAZZ, MKAZ, AWAZ, HAZ, CTZ.

IDC 02 06:51:19.8, 0.8, 37.27N, 141.44E, h0km, mb3.7/12, mbtm3.7/13, ML2.7/2, MS2.7/2, Error ellipse: s-maj=21.8km s-min=18.5km az=140.0

JMA 02 06:51:22.0, 2.37, 3N, 0.4x14.2E, h30km, 1km, MW3.8/38, E OFF FUKUSHIMA PREF, JMA FcH1 J1 at E OFF FUKUSHIMA PREF, NIED 02 06:51:22.37, 31N, 141.53E, h30km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, M1:2.59, M2:0.24, M3:2.35, M4:1.01, M5:0.06; Fault plane solution: M0:3.60000x10^14, N1:0.58, 0.00000, lambda:55.00000, lambda:55.00000, lambda:130.00000

ISC 02 06:51:24.0, 2.0, 37.34N, 0.05, 141.4E, 0.1, h28km, 12km, n33, 0.94/29, mb3.7/12, 3D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like JFK, JFK, JMST, JMST, JFFD, JFFD, JMM, JMM, JHO, JHO, JIO, JIO, JOU, JOU, JYS, JYS, MJAR, MJAR, USRK, USRK, KSRS, KSRS, PETK, PETK, SONM, SONM, H11N2, H11N2, H11N1, H11N1, H11N3, H11N3, H11S1, H11S1, H11S3, H11S3, H11S2, H11S2.

NOU 02 08:51:44.2, 42.47S, 173.77E, h10km, MLv3.6/8, South Island, New Zealand
WEL 02 08:51:45.9, 0.4, 42.5S, 173.77E, h7km, 3km, M3, 2/35, ML3.5/13, MLv3.2/30, Error ellipse: s-maj=0.0km s-min=0.0km az=121.1, confirmed
ISC 02 08:51:44.8, 1.3, 42.41S, 173.73E, 0.04, h21km, 1km, n72, c15117/3, South Island

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Kahutara, Blackbirch Sta, Cape Campbell, etc.

NEIC 02 09:01:35.9, 1.4, 58.00N, 0.04, 152.2W, 0.1, h37km, 46km, Error ellipse: s-maj=10.3km s-min=2.9km az=116.0
AEIC 02 09:01:36.2, 1.3, 57.99N, 0.05, 152.18W, 0.04, h29km, 7km, ML2.8, ML3.3/7(NEIC), Error ellipse: s-maj=7.2km s-min=2.9km az=165.0
IDC 02 09:01:39.1, 4.7, 58.00N, 150.82W, h0km, mb3.2/1, mbtmp3.3/4, ML3.1/3, Error ellipse: s-maj=69.0km s-min=22.3km az=72.0

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Old Harbor, Cape Douglas, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Palmer, Styx River, Skwentna, etc.

IDC 02 09:03:56.1, 2.6, 54.71N, 83.71E, h0km, mbtmp2.6/2, ML2.0/2, Error ellipse: s-maj=21.1km s-min=11.1km az=170.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Zalesovo Beam, Kurbb, etc.

WEL 02 09:04:25.0, 0.3, 42.5S, 173.73E, h7km, 3km, M3, 2/30, ML3.5/15, MLv3.2/30, Error ellipse: s-maj=0.0km s-min=0.0km az=137.2, confirmed, South Island

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Kahutara, Greta Valley S, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Amberley, Matariki Terra, etc.

IDC 02 09:10:58.4, 5.7, 37.06N, 142.27E, h0km, mb3.8/2, mbtmp3.6/3, ML2.5/1, MS4.6/1, Error ellipse: s-maj=118.0km s-min=40.0km az=149.0
JMA 02 09:11:04.0, 4.0, 1.37, 4N, 0.3, 141.1E, 0.6, h24km, 1km, MV3.4/40, E OFF FUKUSHIMA PREF
ISC 02 09:11:02.1, 1.9, 37.37N, 0.04, 141.73E, 0.07, h38km, 10km, ML1.1, c15172/4, 2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Kawachi, Minamisoumatoc, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Marumori, Ishinomakikobu, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Karray, WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Kurbb, HNR, etc.

BUI 02 09:11:40.0, 0.0, 9.60S, 117.50E, h86km, mb5.0/55, mB5.2/21, Ms4.9/7, Ms7.4/5.5
NEIC 02 09:11:41.3, 2.3, 9.64S, 0.07, 117.47E, 0.07, h82km, 7km, mb4.9/65, Error ellipse: s-maj=10.8km s-min=9.5km az=204.0
DJA 02 09:11:41.3, 0.1, 10.5S, 2.11E, h64km, 2km, M4.9/60, mB5.1/60, mB5.4/29, MLv3.5/29, Mw4.8/4.1, Mw(MB)4.8/29, Mw(MW)4.5/7, Mw(MP)4.7, Mw(P)4.7

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, ISC, Time, Res, ISC. Lists seismic stations including Kurbb, MKAR, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like PLWZ, MSWZ, CAW, etc.

IDC 02 09:26:09.2.3.7, 59.74N:24.38E, h0km, mbtmp3.1/2, ML2.0/2, Error ellipse: s-maj=45.1km s-min=13.1km az=157.0

UPP 02 09:26:10.8.2.7, 59.96N:24.07E, h0km, ML2.0, Suspected explosion

HEL 02 09:26:10.7.0.1, 59.91N:24.05E, h0km, ML1.9, ML2.0(UPP), Explosion

ISC 02 09:26:09.0.8.59, 59.89N:02.24.03E:0.03, h0km, n38, r151/54, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like MEF, NUR, ARBE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like FLYU, NYNU, FIBU, etc.

IDC 02 09:36:46.0.827.0, 51.08N:50.70E, h0km, Error ellipse: s-maj=406.5km s-min=104.1km az=93.0, Western Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like I31KZ, I46RU, I34MN, etc.

NIED 02 09:41:45.7.32.32N:132.14E, h20km, MW3.7, Moment Tensor Solution, s3 Moment Tensor: Scale 10^14 Nm; Mn:1.19, M0:0.17, M2:1.36, M3:2.33, M5:2.22, M10:4.00; Fault plane solution: M0:3.98000x10^14, N1:P1:49.00000, 376.00000, 104.00000, NP2:P2:184.00000, 820.00000, 247.00000

JMA 02 09:41:45.7.0.1, 32.32N:03.132E:0.3, h20km, 1km, MV3.6/37.8D, HYGUANADA REGION, Shikoku

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like JHHC, JHIC, JSKE, etc.

IDC 02 09:45:40.8.1.6.5, 15S:145.98E, h0km, mb3.5/2, mbtmp3.6/4, ML2.9/2, MS3.0/1, Error ellipse: s-maj=66.4km s-min=27.0km az=111.0, Eastern New Guinea region

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

ILAR Eielson Array 85.11 23 P P 09 58 18.5 +0.1

NNC 02 09:46:22.4.0.6, 51.71N:75.43E, h0km, mb3.2, mpv2.0, Suspected Mining explosion

IDC 02 09:46:25.7.1.0, 51.70N:75.44E, h0km, mbtmp2.7/4, ML1.7/4, Error ellipse: s-maj=34.7km s-min=8.3km az=31.0

ISC 02 09:46:24.9.1.1, 51.68N:0.08E:0.05, h0km, n13, r151/72, 9C-5D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like KURBB, BVAO, BRVK, etc.

Suspected explosion UPP 02 09:56:54.9.2.8, 59.90N:24.27E, h0km, ML2.4, Suspected explosion HEL 02 09:56:55.9.0.1, 59.75N:24.10E, h0km, ML2.4, ML2.4(UPP), Explosion IDC 02 09:56:56.6.2.2, 59.83N:24.22E, h0km, mbtmp3.1/3, ML2.4/3, Error ellipse: s-maj=29.6km s-min=8.7km az=157.0 BER 02 09:56:57.3.2.4, 59.68N:24.18E, h0km, ML1.8, ML2.4(HEL), Suspected explosion ISC 02 09:56:55.6.0.0, 59.84N:0.03:23.97E:0.03, h0km, n62, r151/86, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like MEF, NUR, ARBE, etc.

STR 02 10:00:39.0.4.0, 43.3N:3.3E, h10km, 2km, MLv2.4/26, Error ellipse: s-maj=0.0km s-min=0.0km az=40.3, preliminary

LDG 02 10:00:40.0.0.1, 43.34N:8.26E, h10km, Mdl2.6/2, Ml2.7/15, Error ellipse: s-maj=2.9km s-min=2.0km az=36.0

ROM 02 10:00:40.0.2.0, 43.36N:0.01:8.20E:0.02, h32km, 1km, ML2.1/6, Error ellipse: s-maj=2.1km s-min=0.6km az=228.0

GEN 02 10:00:42.0.43.38N:8.18E, h16km, 4km, Ml1.9 ISC 02 10:00:38.3.1.0, 43.30N:0.02:8.25E:0.02, h16km, 2km, n101, r151/41/153, 7D, Corsica

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Giardini Botan, Menton, Monaco, etc.

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

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

WEL 02 10:19:50.6, 0.5, 42.9, 3.3, 17.4E, h7km, 4km, M2, 2/17, ML3.2/12, MLV2.2/17, Error ellipse: s-maj=0.0km, s-min=0.0km az=147.4, confirmed, Cook Strait

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Cape Campbell, Blackbirch Sta, Tuamarina, etc.

NOU 02 10:20:19.5, 41.70S, 176.69E, h0km, MLV4.3/6, Off E. Coast of N. Island, N.Z.

WEL 02 10:20:42.0, 2.0, 3.42, S, 4.17, 4E, h11km, 3km, M3.2/32, ML3.5/21, MLV3.2/32, Error ellipse: s-maj=0.0km, s-min=0.0km az=147.5, confirmed

ISC 02 10:20:41.8, 1.1, 41.79S, 174.40E, 0.03, h19km, 3km, n92, c1f29/94, Cook Strait

Large table listing station data for WEL, NOU, and ISC events, including station names, coordinates, and seismic parameters.

NEIC 02 10:26:39.4, 2.1, 23.7S, 0.1, 174.49W, 0.10, h10km, 1km, mb4.5/13, Error ellipse: s-maj=21.4km s-min=15.3km Bz=5

IDC 02 10:26:40.2, 1.1, 24.01S, 174.97W, h0km, mb4.0/7, mbtmp4.1/9, ML5.2/2, MS3.6/25, Error ellipse:

s-maj=39.3km s-min=22.7km az=157.0, ISC 02 10:26:39.3, 0.6, 23.87S, 174.57W, 0.08, h10km, n50, c136/28, mb4.5/14, MS3.6/23, Tonga Islands region

Table listing station data for ISC event, including station names like Raoul Island, Nonsau, etc.

NNC 02 10:27:56.4, 1.3, 44.89N, 89.36E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=11.3km s-min=10.2km az=139.0

IDC 02 10:27:57.0, 1.6, 44.83N, 89.13E, h0km, mb3.4/2, mbtmp3.3/5, ML2.8/3, Error ellipse: s-maj=32.0km s-min=16.6km az=23.0

ISC 02 10:28:00.5, 1.5, 45.00N, 0.2, 89.25E, 0.08, h10km, n11, c1f53/13, 4C-8D, Northern Xinjiang

Table listing station data for ISC and IDC events, including station names like Makanchi Array, etc.

Table listing station data for KURK, ZALV, and SONM events, including station names like Zalesovo, Sogino Array, etc.

OTT 02 10:33:18.6, 0.2, 71.27N, 66.99W, h18km, MN3.0/3, 107km northeast from Clyde River, Nu Buffin Bay Seismic Zone

DNK 02 10:33:21.1, 4.0, 71.30N, 67.24W, h24km, 115km, ML1.8, ISC 02 10:33:15.2, 0.8, 71.28N, 0.05, 66.92W, 0.05, h10km, n11, c28/270, Buffin Bay

Table listing station data for OTT, DNK, and other events, including station names like Clyde River, Upernavik, etc.

KRNET 02 10:41:51.0, 0.1, 40.86N, 73.79E, h16km, mb3.0, SOME 02 10:41:51.2, 40.87N, 73.85E, h10km

KNET 02 10:41:53.7, 0.7, 41.01N, 73.88E, h2km, 2km, ml2.4, Error ellipse: s-maj=4.2km s-min=2.9km az=66.0

NNC 02 10:41:54.0, 1.3, 40.99N, 73.79E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=11.4km s-min=5.5km az=169.0

ISU 02 10:41:59.2, 0.1, 03N, 73.31E, h30km, ISU 02 10:41:49.0, 1.1, 40.83N, 0.03, 73.84E, 0.02, h10km, 10km, n55, c1f26/91, 26C-27, Kyrgyzstan

Large table listing station data for KRNET, KNET, NNC, ISU, and other events, including station names like Osh, Aral, etc.

2d 11h

Table with columns: Mod, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BRLK Bradley Lake, PINA Pine Mountain, Y14A Wickenburg, etc.

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Table with columns: CLUD, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CLUD Cludinico, STALIGIAL, DAVOX Davos/Dischmat, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMWZ Cape Campbell, BSWZ Blackbirch Sta, TUWZ Tuamarina, etc.

λ-120.00000°, NP2φ61.00000°, δ43.00000°,
λ-52.00000°. Principal axes: T 3.4800, Plg8.0000°,
Azm305.0000°; N -D.4000, Plg25.0000°, Azm211.0000°;
P -3.0800, Plg64.0000°, Azm51.0000°; nsta1 refers to
body waves. nsta2 refers to surface waves, cutoff=35s.
PDG 02 11:46:04.0,0.3,36.65N:21.57E,h17km,ML4.3/8 Error
ellipse: s-maj=0.9km s-min=1.2km az=0.0
HLW 02 11:46:06.2,36.73N:22.31E,h11km,14km,M4.5
ISC 02 11:46:03.3,1.0,36.58N:0.03,21.57E,0.03,h14km,6km,
n323,σ1975/345,mb4.5/48,MS3.4/15,14C-13D,Southern

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like PYL, KALAMATA, ITHOMI, etc.

Table with columns: OHR, Ohrid, 4.57 353, Pn, Pn, 11 47 14.2, +2.3. Lists various stations like OHR, OHR, OHR, etc.

Table with columns: EIL, Elat, 13.15 118, Pn, Pn, 11 49 06.7, -2.9. Lists various stations like EIL, EIL, EIL, etc.

Table with columns: 11 49 06.7, -2.9. Lists various stations like 11 49 06.7, -2.9, 11 49 06.7, -2.9, etc.

2d 11h

ARVC	Arvin	82.69	46	P	P	12 08 09.6	+1.2
TKX	Tecate	82.73	50	P	P	12 08 09.7	+0.9
KMRM	Mali Ridge	82.77	40	P	P	12 08 11.0	+2.2
ELIB	Princess Elisa	82.83	167	d	P	12 08 08.8	+0.1
MURC	Murriet	82.91	48	P	P	12 08 10.8	+1.1
YES	Vestal, Richgr	82.95	46	P	P	12 08 10.6	+0.9
BFSO	Mount Baldy Ra	82.96	48	P	P	12 08 10.8	+0.8
SLBS	Sierra La Lagu	83.00	60	P	I	12 08 11.9	+1.6
SLBS	Sierra La Lagu	83.00	60	P	I	12 08 12.9	
MONP2	Monument Peak	83.04	49	P	P	12 08 11.6	+1.1
EDW2	Edwards Air Fo	83.11	47	P	P	12 08 11.9	+1.3
IKP	In-Ko-Pah, Jac	83.12	50	P	P	12 08 11.9	+1.1
KHMM	Horse Mountain	83.18	39	I	Amb	12 08 13.7	
ISA	Isabella, Lake	83.24	46	I	Amb	12 08 13.5	
ISA	Isabella, Lake	83.24	46	P	P	12 08 12.7	+1.4
YUH	Yuha Desert	83.25	50	I	Amb	12 08 13.8	
PFO	Pinyon Flats O	83.42	49	P	P	12 08 13.2	+0.9
PFO	Pinyon Flats O	83.42	49	P	P	12 08 13.6	+1.4
TPFO	Pinon Flats	83.42	49	P	P	12 08 13.3	+1.0
CMB	Columbia Colle	83.43	43	P	I	12 08 13.0	+0.9
CMB	Columbia Colle	83.43	43	P	I	12 08 14.1	
PMD	Palm Desert	83.50	49	P	I	12 08 13.4	+0.9
PMD	Palm Desert	83.50	49	P	I	12 08 14.8	
SWSC	Sam W. Stewart	83.50	50	P	P	12 08 14.4	+1.8
AFDM	Forest Hills D	83.62	42	I	Amb	12 08 15.1	
ORV	Oroville	83.67	42	I	Amb	12 08 15.3	
RRX	Edison Barstow	83.77	48	P	P	12 08 15.2	+1.3
BELC	Belle Mtn. Jos	83.96	49	P	P	12 08 16.6	+1.7
CWC	Cottonwood Cre	83.96	46	P	I	12 08 15.7	+0.7
MDPB	Devils Postpil	84.01	44	I	Amb	12 08 49.3	
OMMB	Old Mammoth Mi	84.05	44	P	P	12 08 14.4	-1.1
TROLL	Troll, Antari	84.11	181	P	P	12 08 15.2	+0.1
MPMC	Manual Prospe	84.12	46	P	P	12 08 17.0	+1.2
BC3	Big Chuckawall	84.14	49	P	P	12 08 16.9	+1.1
GSC	Goldstone, Bar	84.14	47	P	I	12 08 16.6	+0.8
GSC	Goldstone, Bar	84.14	47	P	I	12 08 17.9	
GSC	Goldstone, Bar	84.14	47	P	P	12 08 16.8	+1.0
MLAC	Mammoth, Mammo	84.17	44	P	P	12 08 17.1	+1.0
HEC	Hector, Ludlow	84.19	48	P	P	12 08 17.6	+1.6
GLA	Glamis	84.24	50	I	Amb	12 08 19.2	
GLA	Glamis	84.24	50	P	P	12 08 17.8	+1.5
WAKR	Walker	84.31	43	P	I	12 08 18.0	+1.3
WAKR	Walker	84.31	43	P	I	12 08 19.1	
TIA	Tai'an	84.31	314	P	pm	12 08 17.8	+1.3
YBH	Yreka Blue Hor	84.32	39	P	P	12 08 18.4	+1.9
YBH	Yreka Blue Hor	84.32	39	P	P	12 08 16.4	-0.3
SNAA	Sanae	84.45	179	P	P	12 08 16.2	-0.5
SNAA	Sanae	84.45	179	P	P	12 08 16.2	-0.5
SNAA	Sanae	84.45	179	P	P	12 08 16.2	-0.5
SNAA	Sanae	84.45	179	P	P	12 08 17.1	0.0
Q17K	Contact Creek	84.52	13	P	P	12 08 17.1	0.0
PNTR	Pine Nut	84.55	43	P	I	12 08 19.0	+1.1
PNTR	Pine Nut	84.55	43	P	I	12 08 20.2	
BEKR	Beckworth	84.56	42	P	P	12 08 18.3	+0.5
DSP	Deep Springs	84.57	45	P	I	12 08 18.8	+1.1
DSP	Deep Springs	84.57	45	P	I	12 08 20.2	
GMRC	Granite Mounta	84.63	48	P	P	12 08 19.5	+1.2
IRM	Iron Mountain	84.63	49	P	P	12 08 19.5	+1.3
VNA3	Neumayer Olymp	84.66	177	P	P	12 08 17.4	-0.3
LCH	Last Change Ra	84.70	45	I	Amb	12 08 20.3	
HUMO	Hull Mountain	84.73	39	P	I	12 08 20.2	+1.8
HUMO	Hull Mountain	84.73	39	P	I	12 08 21.9	
Q16K	King Salmon	84.76	12	P	P	12 08 18.2	+0.2
FURC	Furnace Creek,	84.77	46	P	P	12 08 20.3	+1.7
COYC	Coyhaique	84.80	138	P	I	12 08 20.0	+1.1
BLVC	Blythe	84.84	50	I	Amb	12 08 21.7	
SHOC	Shoshone, Teco	84.84	47	P	P	12 08 20.1	+1.0
HSIG	Shoshone, Teco	84.84	47	P	P	12 08 20.5	+0.9
HSIG	Shoshone, Teco	84.84	47	P	I	12 08 21.9	
RYN	Ryan	84.95	44	P	P	12 08 20.0	+0.2
RYN	Ryan	84.95	44	P	I	12 08 21.7	
NVAR	Mina Array Bea	84.98	44	P	P	12 08 20.6	+0.6
NVAR	Mina Array Bea	84.98	44	P	P	12 08 20.8	+0.9
AY01	Puyuhua	85.01	137	I	Amb	12 08 22.2	
Q18K	Katmai Hardscr	85.05	13	P	P	12 08 19.9	+0.2
NV11	Mina Array Sit	85.07	44	P	P	12 08 21.6	+1.3
VNA2	Neumayer-Watz	85.08	178	P	P	12 08 19.8	+0.1
214A	Organ Pipe Nat	85.08	52	I	Amb	12 08 23.2	
214A	Organ Pipe Nat	85.08	52	P	P	12 08 21.6	+1.2
VNA1	Neumayer-Stat	85.32	177	P	P	12 08 20.9	+0.1
NEE2	Needles Airpor	85.33	49	P	P	12 08 22.5	+1.0
PDMO1	Parker Dam, Lak	85.41	49	P	P	12 08 23.2	+1.4
TPNV	Topopah Spring	85.45	46	P	P	12 08 23.1	+2.8
TPNV	Topopah Spring	85.45	46	P	I	12 08 24.2	
TPNV	Topopah Spring	85.45	46	P	P	12 08 23.0	+0.8
KVN	Kaiserville	85.47	44	P	P	12 08 22.5	+0.2
MOD	Modoc Plateau	85.83	40	I	Amb	12 08 26.1	
WTKN	Soaring Height	85.85	47	P	P	12 08 24.6	+0.6
WTKN	Soaring Height	85.85	47	P	I	12 08 26.1	
SHPR	Sheep Range	85.92	47	P	P	12 08 24.2	-0.3
Q09A	Carvers	85.93	44	P	I	12 08 24.0	-0.5
Q09A	Carvers	85.93	44	P	I	12 11 14.3	
K05A	Summer Lake	85.99	39	I	Amb	12 08 27.3	
W13A	Hualapai Mount	86.02	49	I	Amb	12 08 27.4	
N16K	Nishlik Lake	86.07	10	P	P	12 08 25.8	+1.4
H04A	Detroit Lake	86.48	37	P	P	12 08 26.9	+0.1
H04A	Detroit Lake	86.48	37	P	I	12 08 28.8	
PRN	Pahroc Range	86.50	46	I	Amb	12 08 29.7	

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O19K	Port Alsworth	86.62	13	P	P	12 08 26.2	-0.7
PINE	Pine Mountain	86.62	39	P	P	12 08 29.0	+1.3
R11A	Troy Canyon, C	86.68	45	P	P	12 08 27.8	-0.3
R11A	Troy Canyon, C	86.68	45	P	P	12 08 28.7	+0.7
TUC	Tucson	86.73	53	P	P	12 08 29.8	+1.5
BMN	Battle Mountai	86.83	43	P	I	12 08 29.4	+0.7
BMN	Battle Mountai	86.83	43	P	I	12 08 30.6	
LL04	Puerto Octay	86.87	134	P	I	12 08 29.6	+0.8
LL04	Puerto Octay	86.87	134	P	I	12 08 31.1	
BRSE	Gray Lake S	86.97	14	P	P	12 08 29.2	+0.6
WVOR	Wild Horse Val	87.14	41	I	Amb	12 08 32.4	
319A	Douglas	87.35	54	P	P	12 08 31.9	+0.6
SEW	Seaward	87.59	15	P	P	12 08 32.1	+0.6
G06A	Carlson Farm,	87.69	38	I	Amb	12 08 34.6	
CCUT	Cedar City	87.70	47	P	I	12 08 33.9	+0.9
CCUT	Cedar City	87.70	47	P	I	12 08 35.6	
KNB	Kanab	87.78	48	P	P	12 08 33.8	+0.4
KNB	Kanab	87.78	48	P	I	12 08 35.8	
J08A	Circle Bar Ran	87.78	40	P	P	12 08 34.1	+1.1
CAPN	Captain Cook N	87.80	14	P	P	12 08 34.9	+2.5
U15A	North Rim	87.82	48	I	Amb	12 08 36.2	
GAMB	Gambell	87.85	4	P	P	12 08 34.9	+2.3
SPR3	Spring Creek 3	87.85	45	I	Amb	12 08 35.3	
SZCU	Shurtz Canyon	87.91	47	I	Amb	12 08 36.4	
WUAZ	Wupatki	87.97	50	P	I	12 08 34.7	+0.5
WUAZ	Wupatki	87.97	50	P	I	12 08 36.7	
WUAZ	Wupatki	87.97	50	P	I	12 08 34.9	+0.7
SPU	Mount Spurr	87.98	13	P	P	12 08 32.5	-0.9
LOX	Longmire	87.99	36	P	P	12 08 34.5	+0.7
LOX	Longmire	87.99	36	P	I	12 08 35.5	
DUN6	Lazy B Ranch	88.08	53	P	P	12 08 35.8	+1.1
DUN6	Lazy B Ranch	88.08	53	P	I	12 08 37.8	
G006	Curarrehue	88.15	133	P	I	12 08 35.3	+0.3
G006	Curarrehue	88.15	133	P	I	12 08 44.3	
D05A	Enumclaw	88.17	35	P	P	12 08 36.0	+1.4
M19K	Piso River Logg	88.18	12	P	P	12 08 34.2	-0.1
PLCA	Paso Flores	88.18	134	P	P	12 08 36.1	+1.0
ELK	Elko	88.24	43	P	P	12 08 35.9	+0.5
ELK	Elko	88.24	43	P	I	12 08 35.9	+0.5
ELK	Elko	88.24	43	P	I	12 08 37.4	
L19K	White Mountain	88.35	12	I	Amb	12 08 36.5	
L19K	White Mountain	88.35	12	P	P	12 08 35.9	+0.8
RC01	Rabbit Creek	88.40	14	P	P	12 08 35.2	-0.1
RC01	Rabbit Creek A	88.40	14	P	P	12 08 35.4	+0.1
M20K	Styx River	88.40	12	P	P	12 08 34.6	-0.8
BBB	Bella Bella	88.40	29	P	P	12 08 36.3	+0.4
SUA	Susitna One	88.51	14	P	P	12 08 36.2	+0.2
PWL	Port Wells	88.52	15	P	P	12 08 35.9	+0.1
ZAIG	Zacarias	88.53	64	I	Amb	12 08 40.0	
G08A	Pilot Rock	88.66	38	I	Amb	12 08 39.9	
MTPU	Mount Pierson	88.75	47	P	I	12 08 40.1	+2.1
MTPU	Mount Pierson	88.75	47	P	I	12 08 40.5	
L20K	Farewell, AK	88.80	12	P	P	12 08 37.3	+0.1
SKT	Skwentna	88.81	13	P	P	12 08 36.6	-0.6
TTA	Tatalina	88.84	11	P	P	12 08 38.0	+0.6
EYAK	Cordova Ski Ar	88.88	16	P	P	12 08 37.7	+0.2
M22K	Willow	8					

Table with columns: ID, Name, Az, El, P, M, Time, Res. Includes stations like BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: ID, Name, Az, El, P, M, Time, Res. Includes stations like MNK comp=N,38nm,1.0s, MNK comp=Z,64nm,0.9s,baz=43, MNK comp=Z,104nm,26.6s, etc.

Table with columns: ID, Name, Az, El, P, M, Time, Res. Includes stations like FETA Feichten, LIC Lamto, KIC Kosan Boka, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like WVL Waitaha Valley, INZ Incheon, GCSZ Gaunt Creek Bo, etc.

UPP 02 12:01:17.6:2.8,60:02N:24:28E, h0km, ML1.9, Suspected explosion

IDC 02 12:01:17.3:3.0,59:73N:24:49E, h0km, mbtmp3.1/2, ML2.0/2, Error ellipse: s-maj=36.9km s-min=16.4km az=154.0

HEL 02 12:01:19.0:0.1,59:91N:24:05E, h0km, ML2.0, ML1.9(UP), Explosion

ISC 02 12:01:18.3:0.8,59:90N:0:02:24:05E:0.03, h0km, n37, o:092:50, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like MEF Metsahovi, NUR Nurmijarvi, ARBE Arbavere, etc.

UPP 02 12:01:27.6:2.5,61:37N:23:96E, h0km, ML2.1, Suspected explosion

IDC 02 12:01:29.1:3:4.0,59:71N:24:53E, h0km, mbtmp3.2/2, ML2.1/2, Error ellipse: s-maj=43.5km s-min=16.9km az=150.0

ISC 02 12:01:28.6:1.1,62:23N:0:07:22:61E:0:05, h10km, n8, i:169:11, Finland

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like FINES FINESS Array B, AAL Aaland, ARNU Arnoeviken, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like WAKE ISLAND Hy, Fort Yukon, Cordova Ski Ar, HAARP, Independent Ri, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like Urumqi, Kurchatov, Kurchatov, Makanchi Array, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like Mina Array Bea, Elko, Elko, Abkarak, etc.

2d 12h

Table with columns: Station Name, Time, Res, ISC, Phase ID, Azimuth, etc. Includes stations like X18A Snowflake, SDCO Great Sand Dun, ESDC EROS Data Cent, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Azimuth, etc. Includes stations like WEL 02 12:28:52.01, WRA Warramunga Arr, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Azimuth, etc. Includes stations like WRA Warramunga Arr, WRA Warramunga, etc.

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Table with columns: Station Name, Time, Res, ISC, Phase ID, Azimuth, etc. Includes stations like ASAR Alice Springs, HNR Honiara, MKAR Makanchi Array, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Azimuth, etc. Includes stations like HEL 02 12:33:17, OTT 02 12:42:51, EUNU Eureka, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Azimuth, etc. Includes stations like IDC 02 12:54:13, I26DE FREYUNG INFRAS, I48TN KESRA INFRASONS, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Azimuth, etc. Includes stations like IDC 02 12:58:23, MEX 02 12:58:29, ANF 02 12:58:37, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Azimuth, etc. Includes stations like Code Station Name, CJM Chamela, CJM Puer Vallarta, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Azimuth, etc. Includes stations like WEL 02 12:28:52, WRA Warramunga Arr, WRA Warramunga, etc.

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Table with columns: Station Name, Time, Res, ISC, Phase ID, Azimuth, etc. Includes stations like TXAR Lajitas Array, 833A Chaparral WMA, CMIG Matias Romero, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HAZ Te Kaha, MWZ Matawai, RAVW Rawiri, etc.

WEL 02 13:55:23.2±0.3, 42°S, 2×17°4E±, h5km, M3.0/0.4, ML3.3/18, MLV3.0/34, Error ellipse: s-maj=0.0km s-min=0.0km az=126.3, confirmed, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KHZ Kahutara, BSWZ Blackbirch Sta, CMWZ Cape Campbell, etc.

WEL 02 13:56:03.3, 40°S, 48°E±, 17°5E±2.6, h18km, 46km, M2.0/0.7, ML2.0/7, Error ellipse: s-maj=0.1km s-min=0.0km az=3.2, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like POWZ Post Office Ro, PWFZ Mount Fatafata, etc.

mbmp4.3/22, ML3.4/2, MS4.2/57, Error ellipse: s-maj=26.2km s-min=11.8km az=60.0, NEIC 02 13:57:54.8±3.3, 17:37N±0.05:101:30W±0.04, h24km, 5km, m5.0/115, Md4.9/175(MEX), Error ellipse: s-maj=8.3km s-min=4.7km az=205.0, MEX 02 13:57:55.2±0.5, 17:35N±0.1:135W, h10km, 2km, MD4.9, ISC-HEX 02 13:57:55.8, 17:45N±0.1:126W, h31km, 3km, Error ellipse: s-maj=3.3km s-min=1.8km az=24.0, GCMT 02 13:57:58.8±0.3, 17:54N±0.02:101:11W±0.02, h32km, MW5.0/90, Moment Tensor Solution, s58,c66; s90,c123; Duration: 0 Moment Tensor Scale 1019Nm; Mw:1.7±.16; Mw-0.3±.12; Mw:1.9±.11; Mw:2.0±.10; Mw-0.4±.14; Best double couple: M3.81400×1018 NP1±103.00000°, 860.00000°, A.90.00000°. NP2: ±282.00000°, 830.00000°, A.90.00000°. Principal axes: T 3.7110, Plg75.0000°, Azm13.0000°; N 0.2000, Plg0.0000°, Azm282.0000°; P -3.9170, Plg15.0000°, Azm192.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 02 13:57:52.1±1.9, 17.36N±0.03:101:30W±0.02, h10km±1km, n593,±1957/648, mb4.9/60, mb4.9/60, M54.2/57, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ZIIG Zihuatanejo, ZIIG Zihuatanejo, ZIIG Zihuatanejo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PPM Universitario, FTIG Fresnillo de T, FTIG Fresnillo de T, etc.

2d 13h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Hat Mesa, ABTX, and various local and regional stations.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PFO, PFO, PFO, and various regional stations.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PDAR, ECSD, O48B, and various regional stations.

113 2016 DEC 12d 14h

Table with columns: ICAO, Name, Lat, Lon, Alt, Class, Status, and other details. Includes stations like MCPB Macapa, AP, YUK8 Steele Glacier, etc.

Table with columns: ICAO, Name, Lat, Lon, Alt, Class, Status, and other details. Includes stations like M20K Styx River, H24K Noodor Dome, etc.

Table with columns: ICAO, Name, Lat, Lon, Alt, Class, Status, and other details. Includes stations like SUMG Summit, RCLB Rio Claro- Sao, etc.

WEL 02 14:10:38.2±0.3, 42°S, 2°17'4E, h=5km, M3, 0/35, ML3.4/13, MLV3.0/35, Error ellipse: s-maj=0.0km s-min=0.0km az=116.9, confirmed

Table with columns: Code, Station Name, Lat, Lon, Alt, Class, Status, and other details. Includes stations like KHZ Kahutara, KHZ Kahutara, etc.

2d 15h

Table with columns: NEZ, FOF, PKE, PNHZ, WRTZ, VRTZ, PKVZ, LBZ, MOVZ, WNVZ, BHHZ, FWVZ, TVUZ, NGVZ, SNVZ, OTVZ, WTVZ, ETVZ, NTVZ, ODZ, OTVZ, BKZ, BKZ, HIZ, HIZ, JCYZ, JCYZ, TLZ, MKAZ, ETAZ. Includes station names, coordinates, and magnitudes.

GIJ 02 14:15:21.8±0.0, 30°41'N, 32°24'E, h1km, MD2.5/4, Mm2.9/2
HLW 02 14:15:25.4, 30°03'N, 32°26'E, h2km, 1km, Mm2.9/2
ISC 02 14:15:23.0, 30°17'N, 006°32'18E, 0.05, h24km±11km, n19, c1508/29, Egypt

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HHAG, KOT, KOT, ZAF, ZNM, HRDS, KZIT, KZIT, KRMI, KRMI, MBRN, PRNI, ELI, HRFI, HRFI, ZFRI, ZFRI, AMAZ, DSI, DSI, GHAJ, GHAJ.

BE0 02 14:49:48.0±0.3, 42°02'N, 23°54'E, h9km±2km, ML3.0/14
ISK 02 14:49:50.7, 41°94'N, 23°62'E, h9km, ML3.2/11
SKO 02 14:49:51.8, 42°12'N, 23°53'E, h0km
ISC 02 14:49:48.0±1.1, 42°01'N, 002°23'53E, 0.02, h5km±9km, n46, c1547/67, 10C-4D, Bulgaria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VTS, VTS, VTS, VTS, VTS, VTS, PLD, PLD, PLD, SRS, SRS, SRS, SRS, BOSS, BOSS, KNT, KNT, KNT, KNT, VAY, VAY, VAY, VAY, STIP, STIP, GRG, GRG, ZAPS, ZAPS, HORT, HORT, KDZ, KDZ, BARS, BARS, PLVB, PLVB, OUR, OUR, RDO, RDO, FNO, FNO, ZAGS, ZAGS, BOVS, BOVS, SELS, SELS, ENEZ, ENEZ, EDRB, EDRB, GADA, GADA, ERK, ERK, KUBS, KUBS, GRUS, GRUS, SJES, SJES, IVAS, IVAS, HERR, HERR, BARS, BARS, DIVS, DIVS, LOT, LOT, ARR, ARR, VOIR, VOIR, EZS, EZS, MLR, MLR, DOPR, DOPR.

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Table with columns: HARR, VRI, CFR, SANT. Includes station names, coordinates, and magnitudes.

WEL 02 14:54:16.6, 40°S, 4°17'7E, h45km±9km, M2.1/14, ML2.3/19, MLV3.2/29, Error ellipse: s-maj=0.0km s-min=0.0km az=73.8, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WPHZ, PKX, PNHZ, PRHZ, KAHZ, DVHZ, TSZ, ANWZ, MCHZ, KWHZ, BHHZ, PRWZ, BFZ, ARWZ, BKZ, RTHZ, MRZ, TMWZ, RIGZ, CAW, URZ, MWZ, RUGZ.

NOU 02 14:54:42.8, 42°44'S, 173°88'E, h6km, MLV3.8/9, South Island, New Zealand

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHZ, KHZ, BSWZ, BSWZ, CMWZ, CMWZ, THZ, THZ, TWUZ, TWUZ, NNZ, NNZ, TCW, AMCZ, SNZO, LTZ, MRNZ, MRNZ, WEL, WEL, PLWZ, MSWZ, KSNZ, OKZ, OKZ, PAWZ, CAW, DUWZ, DSZ, OXZ, OXZ, AKCZ, TRWZ, KIW, MTW, INZ, QRTZ, QRTZ, QRTZ, QRTZ, HOCZ, HOCZ, RACZ, RACZ, WYZ, WYZ, RPAZ, RPAZ, RPZ, RPZ, GAZ, GAZ, FMZ, FMZ, NMEZ, NMEZ, KHEZ, KHEZ, NBEZ, NBEZ, PKE, PKE, POZ, POZ, MOVZ, MOVZ, WNVZ, WNVZ, LBZ, LBZ, TVUZ, TVUZ, NGZ, NGZ, SNVZ, SNVZ, OTVZ, OTVZ, NNVZ, NNVZ, TWVZ, TWVZ, ETVZ, ETVZ, TMVZ, TMVZ, NDVZ, NDVZ, ODZ, ODZ, HIZ, HIZ, HIZ, HIZ, JCYZ, JCYZ, JCYZ, JCYZ, RAZH, RAZH, RAZH, RAZH, EAZ, EAZ, TUAZ, TUAZ, MUKZ, MUKZ, SYZ, SYZ, SYZ, SYZ, MBYZ, MBYZ, APZ, APZ.

NEIC 02 15:22:58.2±0.4, 60°06'N, 0°05'59'W, 0.1, h10km±2km, mb4.3/17, ML4.6(OT), Error ellipse: s-maj=12.8km s-min=6.4km az=02.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VITOSH, VITOSH, VITOSH, VITOSH, VITOSH, VITOSH, PLOVDIV, PLOVDIV, PLOVDIV, SERRAI, SERRAI, SERRAI, SERRAI, BOSILEGRAD, BOSILEGRAD, KENDRIKON, KENDRIKON, KENDRIKON, KENDRIKON, VALANDOV, VALANDOV, VALANDOV, VALANDOV, STIP, STIP, GRIVA, GRIVA, ZAVOJ, ZAVOJ, ZAVOJ, ZAVOJ, HORTI, HORTI, KURZHALI, KURZHALI, BARJE, BARJE, BARJE, BARJE, PLEVAN, PLEVAN, OURANOPOLIS, OURANOPOLIS, RODOPI, RODOPI, FLORIDA, FLORIDA, ZAJECAR, ZAJECAR, BOVAN, BOVAN, SELOVA, SELOVA, ENEZ, ENEZ, EDRB, EDRB, GADGA, GADGA, ERKIKESAN, ERKIKESAN, KUBS, KUBS, GRUZA, GRUZA, SJENICA, SJENICA, IVANJICA, IVANJICA, HERCULANE, HERCULANE, DIVIBARE, DIVIBARE, LOTRUG, LOTRUG, ARGES, ARGES, VOIR, VOIR, EZS, EZS, MUNTLE ROSU, MUNTLE ROSU, DOPRA, DOPRA.

BEO 02 15:05:40.6±0.2, 43°20'N, 20°94'E, h10km±1km, ML2.6/19, PDG 02 15:05:40.2±0.1, 43°19'N, 20°88'E, h11km, ML2.3/9, Error ellipse: s-maj=0.2km s-min=0.2km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SELS, SELS, IVAS, IVAS, SJES, SJES, SJES, SJES, SJES, SJES, GRUZA, GRUZA, BOVAN, BOVAN, BARS, BARS.

Table with columns: BARS, IVA, IVA, PVV, PVV, KOME, KOME, TRUS, TRUS, SVIS, SVIS, SVIS, SVIS, PLE, PLE, DIVS, DIVS, DIVS, DIVS, ZAGS, ZAGS, ZAGS, ZAGS, RUDO, RUDO, ZAPS, ZAPS, BBL, BBL, BBL, BBL, KUBS, KUBS, BOSS, BOSS, PDG, PDG, ITTY, ITTY, UPM, UPM, UPM, UPM, CEME, CEME, DRME, DRME, DRME, DRME, HAN, HAN, HAPS, HAPS, TEKS, TEKS, TEKS, TEKS, VITOSH, VITOSH, VTS, VTS, DJERDAP, DJERDAP, HCY, HCY, HCY, HCY, TREB, TREB, TREB, TREB, BLJ, BLJ, FRGS, FRGS, FRGS, FRGS, STON, STON, STON, STON, STON, STON, BZS, BZS, SRRY, SRRY, SRRY, SRRY, A051A, A051A, A050A, A050A, A050A, A050A, MORH, MORH, MORH, MORH, DRGR, DRGR, VYHS, VYHS.

NEIC 02 15:22:58.2±0.4, 60°06'N, 0°05'59'W, 0.1, h10km±2km, mb4.3/17, ML4.6(OT), Error ellipse: s-maj=12.8km s-min=6.4km az=02.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VITOSH, VITOSH, VITOSH, VITOSH, VITOSH, VITOSH, PLOVDIV, PLOVDIV, PLOVDIV, SERRAI, SERRAI, SERRAI, SERRAI, BOSILEGRAD, BOSILEGRAD, KENDRIKON, KENDRIKON, KENDRIKON, KENDRIKON, VALANDOV, VALANDOV, VALANDOV, VALANDOV, STIP, STIP, GRIVA, GRIVA, ZAVOJ, ZAVOJ, ZAVOJ, ZAVOJ, HORTI, HORTI, KURZHALI, KURZHALI, BARJE, BARJE, BARJE, BARJE, PLEVAN, PLEVAN, OURANOPOLIS, OURANOPOLIS, RODOPI, RODOPI, FLORIDA, FLORIDA, ZAJECAR, ZAJECAR, BOVAN, BOVAN, SELOVA, SELOVA, ENEZ, ENEZ, EDRB, EDRB, GADGA, GADGA, ERKIKESAN, ERKIKESAN, KUBS, KUBS, GRUZA, GRUZA, SJENICA, SJENICA, IVANJICA, IVANJICA, HERCULANE, HERCULANE, DIVIBARE, DIVIBARE, LOTRUG, LOTRUG, ARGES, ARGES, VOIR, VOIR, EZS, EZS, MUNTLE ROSU, MUNTLE ROSU, DOPRA, DOPRA.

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 stations like AC05, G003, and MKAR.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like G003, AC06, AC04, and G002.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like KHZ, BSWZ, CMWZ, and G002.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like FIESA, BIBA, and LKBD2.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like LKBD, MMK, and VANNI.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like ROM, EQUI, and SARO.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like I31KZ and I46RU.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like SKHL, JMA, and I34MN.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like JSE, JWJK, and JHR.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details for stations like NOA, AKASA, ASAR, NVAR, TXAR.

IDC 02 17:30:07.2.1.0.56163N:158.08W,h0km,mb3.6/7, mbmp3.6/8,ML2.8/1, Error ellipse: s-maj=26.9km s-min=19.6km az=178.0

NEIC 02 17:30:08.2.2.8.57.09N:0.05:157.74W:0.10,h10km,2km, Error ellipse: s-maj=9.9km s-min=7.0km az=121.0

AEIC 02 17:30:09.1.2.9.57.07N:0.05:157.72W:0.10,h15km,6km, ML3.5,ML3.8/32(NEIC), Error ellipse: s-maj=8.6km s-min=5.4km az=126.0

ISC 02 17:30:08.0.6.57.06N:0.06:157.70W:0.07,h10km,n92, r=150.922,mb3.6/7,Alaska Peninsula

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and various station identifiers like CHGN, CHIR, SIH, SII, SDPT, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details for stations like PDAR, TXAR, SONM, MKAR, CMAR, QSPA.

WEL 02 17:30:49.0.3.42.52:2x17.4E:1,h5km,ML3.5/12,ML3.7/9, ML3.5/12, Error ellipse: s-maj=0.0km s-min=0.0km az=114.9,confirmed,South Island

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and various station identifiers like KHZ, BSWZ, THZ, TUWZ, etc.

NEIC 02 17:34:22.8.2.1.6.20S:0.08:130.41E:0.11,h134km,13km, mb4.0/5, Error ellipse: s-maj=18.9km s-min=11.3km az=94.0

IDC 02 17:34:22.3.2.6.6.21S:130.32E,h122km,24km,mb3.3/3, mbtmp3.8/6, Error ellipse: s-maj=35.9km s-min=20.2km az=118.0

ISC 02 17:34:21.8.0.7.6.19S:0.06:130.41E:0.08,h124km,n33, r=207/33,mb3.9/5,Banda Sea

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and various station identifiers like SAUI, FAKI, SIJU, MTN, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and various station identifiers like YOJ, YOY, TWC, IRIF, EWUT, ENA, TIPB, SKII, NWF, NHTF, etc.

Table with columns: ICHU, Yijihu, 2.56 243 eP, Pn, 17 47 20.0 +1.6, etc.

Table with columns: WTAZ, Waatarua, 5.89 10 P, Pn, 18 09 34.4 +2.1, etc.

Table with columns: PB01, IPOC Station P, 2.61 280 eP, Pn, 19 20 01.8 +0.8, etc.

IDC 02 18:08:03.1+2.2,42:81S:173:29E,h0km,mb3.3/2, mbmp3.3/2, Error ellipse: s-maj=63.4km s-min=30.3km az=144.0

NOU 02 18:08:05.2+42:78S:173:31E,h10km,MLv4.2/15, South Island, New Zealand

WEL 02 18:08:06.1+0.2,43:32.2x17.3E, h8km,MLv3,M3.7/35, ML3.9/24,MLv3.7/35, Error ellipse: s-maj=0.0km s-min=0.0km az=121.8, confirmed

ISC 02 18:08:06.4+1.0,42:74S:0:03:173:25E:0:04,h23km,8km, n136,r151/13,143,247,50

WRA Warramunga Arr 39.77 293 P P 18 15 38.6 +1.0

ARCES ARCESS Array B 148.43 399 PKPbc PKPbc 18 27 50.2 +0.4

BRTR Keshin Array B 149.67 278 PKPbc PKPbc 18 27 55.1 +0.1

NNC 02 18:13:21.1+5.38:95N:88:29E,h0km,mb3.7,mpv3.1, SC-4D, Error ellipse: s-maj=14.9km s-min=11.3km az=66.0, Southern Xinjiang

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

WRA Warramunga Arr 133.05 208 PKP PKPdf 19 47 05.9 +1.7

MKAR Makanchi Array 144.42 37 PKP PKPbc 19 47 23.1 +0.4

RPZ 29nm,0.3s,baz=154,slow=22,SNR=2.6

RPZ Rata Peaks 1.88 238 P Pn 18 09 00.1 0.0

RPZ Rata Peaks 1.88 238 P Pn 18 09 37.1 0.0

PLWZ Palliser 1.90 53 P Pn 18 09 37.6 +0.2

ARCZ Arundel 1.93 231 P Pn 18 09 37.9 0.0

QRZ Quartz Range 1.96 344 P Pn 18 09 40.1 +1.5

MSWZ Moikau Station 1.99 49 P Pn 18 09 39.9 +1.1

DUWZ D'Urville Isla 2.00 15 P Pn 18 08 39.9 +1.1

PAWZ Paruwai Farm 2.12 51 P Pn 18 08 40.4 0.0

CAW Cannon Point 2.12 40 P Pn 18 08 40.1 +0.5

GC5Z Gaunt Creek Bo 2.22 254 P Pn 18 08 42.7 +0.9

KWZ Kapiti Island 2.27 54 P Pn 18 08 43.1 +0.8

TRWZ Traveller 2.26 54 P Pn 18 08 42.5 +0.2

MTW Mount Morrison 2.31 48 P Pn 18 08 43.0 0.0

TMZ Timaru 2.31 224 P Pn 18 08 43.4 +0.2

OGWZ Otaki Gorge 2.40 38 P Pn 18 08 44.8 +0.5

HMW Holdsworth Sta 2.46 51 P Pn 18 08 45.0 +0.1

TMWZ Te Maipa 2.56 51 P Pn 18 08 46.3 +0.2

FOZ Fox Glacier 2.63 251 P Pn 18 08 48.3 +0.9

MRZ Mangatainoka R 2.71 41 P Pn 18 08 48.6 0.0

LBZ Lake Benmore 2.77 232 P Pn 18 08 49.7 +0.3

TIWZ Timock 2.78 46 P Pn 18 08 49.3 +0.3

OHWZ Oheke 2.83 237 P Pn 18 08 53.7 +1.5

ODZ Otahua Downs 2.98 218 P Pn 18 08 52.5 +0.3

ODZ Otahua Downs 2.98 218 P Pn 18 08 52.3 +0.1

PRWZ Pori Road 2.99 44 P Pn 18 08 52.1 +0.3

POWZ Post Office Ro 3.01 40 P Pn 18 08 52.8 +0.1

BFZ Birch Farm 3.05 228 P Pn 18 08 52.0 +0.3

BFZ Birch Farm 3.04 49 P Pn 18 08 52.2 +0.8

WAZ Wanganui 3.26 24 P Pn 18 08 58.2 +2.2

DVHZ Dannevirke 3.28 43 P Pn 18 08 55.5 +0.8

ANWZ Angora Road 3.32 48 P Pn 18 08 56.4 +0.5

NMEZ Namu Road 3.35 8 P Pn 18 09 01.9 +3.2

LRHZ Lake Rotokare 3.42 28 P Pn 18 09 02.4 +0.3

KHEZ Kahui Hut 3.49 10 P Pn 18 09 02.4 +3.1

NBZ Newall Road No 3.50 8 P Pn 18 09 01.9 +2.5

JCCZ Jackson Bay 3.51 246 P Pn 18 09 58.8 +0.1

JCCZ Jackson Bay 3.51 246 P Pn 18 09 00.1 +0.5

JRY Ryogami san 6.11 336 eP Pn 19 07 33.2 0.0

JHO Hitachi 6.24 350 eS Sn 19 08 37.0 -9.4

MJAR Matsushiro Arr 6.83 334 Pn Pn 19 07 43.5 +0.5

MJAR Matsushiro Arr 6.83 334 Pn Pn 19 09 00.1 -0.7

MKAR Makanchi Array 48.24 307 P P 19 14 44.2 +0.4

WRA Warramunga Arr 50.65 189 P P 19 15 02.0 -0.4

ASAR Alice Springs 54.38 189 P P 19 15 29.8 -0.1

IDC 02 19:12:19.9-5.6,20:60S:178:87W,h608km,42km,mb3.0/5, mbmp3.9/6, Error ellipse: s-maj=14.15km s-min=23.3km az=148.0

NEIC 02 19:12:20.0-0.6,20:8S:0:3:178:8W:0.4,h584km,36km, mb4.4/12, Error ellipse: s-maj=59.2km s-min=27.2km az=56.0

ISC 02 19:12:18.0+1.0,20:7S:0:1:178:8W:0.2,h587km,n20,r150S/21,mb4.1/10,Fiji Islands region

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

MSFV Nonsavu 4.36 313 P P 19 13 46.7 +1.4

MSFV Nonsavu 4.36 313 P P 19 13 45.9 +0.6

BKZ Black Stump Fm 18.85 192 P P 19 16 00.7 -1.1

CTA Charters Tower 32.92 265 P P 19 18 06.6 +1.1

MCQ Macquarie Isla 37.77 201 P P 19 18 46.5 +1.5

BBOO Buckleboob 41.95 244 P P 19 19 18.5 -0.2

WRO Warramunga Arr 43.84 262 P P 19 19 33.5 -0.1

ASAR Alice Springs 43.93 257 P P 19 19 34.3 0.0

ASAR Alice Springs 43.93 257 P P 19 19 34.7 +0.4

ASAR Alice Springs 43.93 257 P P 19 21 06.2 -0.9

WBO Warramunga Arr 44.01 263 P P 19 19 34.8 -0.1

WBO Warramunga Arr 44.01 262 P P 19 19 34.8 -0.2

WBR Warramunga Arr 44.01 262 P P 19 19 34.8 -0.2

WRA Warramunga Arr 44.03 262 P P 19 19 35.0 -0.1

NOU 02 19:30:08.9,42:86S:173:21E,h5km,MLv4.1/14, South Island, New Zealand

WEL 02 19:30:10.2+0.3,43:32.2x17.3E, h5km,M3.6/31, ML4.0/14,MLv3.6/31, Error ellipse: s-maj=0.0km s-min=0.0km az=117.0, confirmed

ISC 02 19:30:10.3+0.9,42:89S:0:03:173:07E:0:03,h15km,n104,r150/107,South Island

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

GVZ Greta Valley S 0.28 185 P Pn 19 30 17.7 +1.4

GHZ Kahutara 0.44 52 P Pn 19 30 23.3 +2.9

KHZ Kahutara 0.44 52 P Pn 19 30 19.1 -0.1

KHZ Kahutara 0.44 52 P Pn 19 30 25.8 +0.7

AMCZ Amberley 0.58 212 P Pn 19 30 22.9 +1.2

LTZ Lake Taylor 0.59 261 P Pn 19 30 21.3 -0.7

THZ Tophouse 0.93 352 P Pn 19 30 29.3 -0.7

THZ Tophouse 0.93 352 P Pn 19 30 26.6 -1.8

OCZ Okains Bay 1.03 180 P Pn 19 30 29.9 -0.1

OCZ Okains Bay 1.03 180 P Pn 19 30 29.9 -0.1

MQZ McQueen's Vall 1.06 196 P Pn 19 30 29.3 -1.1

BSWZ Blackbirch Sta 1.14 32 P Pn 19 30 31.7 -0.1

INZ Inchbonnie 1.20 268 P Pn 19 30 31.8 -1.0

MRNZ Matariki Terra 1.33 331 P Pn 19 30 33.2 -0.9

DSZ Dennistown 1.33 331 P Pn 19 30 33.7 -0.7

TUWZ Tuamarina 1.42 28 P Pn 19 30 35.8 +0.2

NNZ Nelson 1.49 9 P Pn 19 30 36.3 -0.3

WACZ Wakanu South 1.54 215 P Pn 19 30 36.4 -0.8

TKNZ Takaka Hill 1.66 357 P Pn 19 30 38.9 0.0

TCW Te Whaiti Channel 1.73 32 P Pn 19 30 39.5 +0.5

WVZ Waikaha Valley 1.76 257 P Pn 19 30 39.9 -0.4

RPZ Rata Peaks 1.79 234 P Pn 19 30 40.1 -0.7

RPZ Rata Peaks 1.79 234 P Pn 19 30 39.8 -1.0

SNZO South Karori 1.84 42 P Pn 19 30 41.2 -0.1

ARCZ Arundel 1.87 227 P Pn 19 30 40.8 -1.0

WEL Wellington 1.88 43 P Pn 19 30 41.5 -0.4

QRZ Quartz Range 1.90 348 P Pn 19 30 43.9 -0.9

QRZ Quartz Range 1.90 348 P Pn 19 30 42.4 +0.1

PLWZ Palliser 1.97 56 P Pn 19 30 42.2 -1.1

DUWZ D'Urville Isla 1.99 19 P Pn 19 30 44.1 +0.6

MSWZ Moikau Station 2.00 53 P Pn 19 30 43.4 -1.1

GC5Z Gaunt Creek Bo 2.22 254 P Pn 19 30 44.9 +0.2

SCB 02 19:28:16.3-0.8,21:48S:66:75W,h222km,6km,ML3.5/4, MW3.0, Error ellipse: s-maj=3.4km s-min=2.6km az=1.0

IDC 02 19:28:18.9-8.9,21:13S:67:03W,h261km,81km, mbmp3.7/1, Error ellipse: s-maj=292.9km s-min=96.1km az=86.0

ISC 02 19:28:14.2+1.4,21:50S:0:06:66:73W:0:06,h224km,10km,n20,r154/27,1D,Southern Bolivia

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

MOCB Mochara 1.05 76 P Pn 19 29 11.1 -1.9

MOCB Mochara 1.05 76 P Pn 19 29 11.2 -1.9

MOCB Mochara 1.05 76 P Pn 19 29 13.2

YJA Yavi 1.31 121 P Pn 19 28 50.1 +1.0

LYVZ Limon Verde 1.31 121 P Pn 19 28 48.1 +0.6

PB09 IPOC Station P 2.36 262 eP Pn 19 28 59.5 +1.2

PB09 IPOC Station P 2.36 262 eS S 19 29 34.9 +2.2

PB09 IPOC Station P 2.36 262 eS S 19 29 42.7

JMA 02 19:38:35.8-0.3,43:39N:0:9:13:9E, h30km,MV3.4/21, NW OFF SHAKOTAN PEN

IDC 02 19:38:41.2+6.0,44:08N:138:67E,h68km,57km,ML3.3/3,

2d 20h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JSK Shakotan, JSH Shimam, JHST Hijiyasetana, etc.

NEIC 02 19:47:48.5:0.9, 2.9:24S:0.07:67.41E:0.08, h10km, 1km, mb4.4/16, Error ellipse: s-maj=15.1km s-min=10.1km az=233.0

GCMT 02 19:47:48.5:0.9, 2.9:24S:0.07:67.41E:0.01, h18km, 1km, MW5.0/100, Moment Tensor Solution, s28.632, s100.c147, Duration: 0.12, Moment tensor: Scale 10^16Nm, etc.

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, ABKAR Akbulak array, DAV Davao City (W), etc.

ISC 02 20:11:12.8:1.1, 43.81N:105.61W, h0km, mbmp3.2/3, ML3.3/3, Error ellipse: s-maj=22.8km s-min=9.0km az=150.0

NEIC 02 20:11:12.7:2.5, 43.55N:0.05:105.21W:0.06, h0km, 2km, ML3.3/70, Error ellipse: s-maj=9.8km s-min=3.4km az=319.0

ISC 02 20:11:11.3:0.9, 43.56N:0.05:105.19W:0.06, h0km, n53, s156/52, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like R2SD Black Hills, K22A Casper, PHWY Pilot Hill, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AHID, RDMU Red Mountain, RDMU, etc.

ISC 02 20:16:24.3:1.7, 35.52N:140.21E, h77km, 17km, mb3.5/10, mbmp3.8/13, MS3.8/3, Error ellipse: s-maj=24.2km s-min=7.4km az=67.0

NEIC 02 20:16:24.2:1.9, 35.58N:0.05:140.11E:0.09, h73km, 7km, mb4.7/27, Error ellipse: s-maj=10.7km s-min=6.8km az=101.0

NIED 02 20:16:24.4, 35.61N:140.04E, h72km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, etc.

JMA 02 20:16:24.4:0.2, 35.52N:0.05:140.0E:0.8, h72km, 1km, MW3.8/33, CENTRAL CHIBA, PREF

JMA FeII J1 at CENTRAL CHIBA PREF. ISC-EH 02 20:16:24.8, 35.53N:140.09E, h74km, 2km, Error ellipse: s-maj=5.6km s-min=4.7km az=111.0

ISC 02 20:16:24.0:0.7, 35.56N:0.04:140.10E:0.05, h73km, 6km, n101, s124/100, mb4.4/25, 4d, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JCN Nagara, JCN, JSMT Samumatsuo, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, etc. Includes stations like H1N3, H1S1, H1S3, H1S2, etc.

NEIC 02 20:20:48.1±1.4, 5N0.1°1x123.1E:0.2, h561km, 6km, mb4.3/23, Error ellipse: s-maj=29.0km s-min=10.6km az=51.0

IDC 02 20:20:48.1±1.8, 4.66N:123.47E, h562km, 22km, mb3.1/7, mbmp4.3/8, Error ellipse: s-maj=59.7km s-min=11.0km az=63.0

ISC 02 20:20:47.1±0.6, 4.6N:0.1°123.2E:0.1, h550km, n37, 155/43, mb4.0/3, Celebes Sea

Table with columns: Code, Station Name, Frequency, Power, Mode, etc. Includes stations like TOL12, MYD1M, LWU1, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, etc. Includes stations like EIDS, STKA, STKA SOMM, etc.

IDC 02 20:23:59.0±0.8, 20.133S:177.89W, h0km, mb3.3/3, mbtmp3.3/3, Error ellipse: s-maj=43.7km s-min=145.0km, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, etc. Includes stations like ASAR, WRA, ILAR.

IDC 02 20:29:25.2±2.2, 19.96N:93.87E, h58km, 19km, mb3.5/10, mbmp3.8/12, M.L3.9/3, MS2.8/2, Error ellipse: s-maj=32.9km s-min=12.1km az=50.0

ISC 02 20:29:23.1±0.7, 19.9N:0.1°93.9E:0.1, h35km, n13, 135/11, mb3.7/10, Myanmar

Table with columns: Code, Station Name, Frequency, Power, Mode, etc. Includes stations like BRDH, CMAR, CMAR, PALK, PALK, MKAR.

IDC 02 21:14:39.0±2.2, 29.9S:0.1°175.65W:0.06, h10km, 2km, mb4.5/12, Error ellipse: s-maj=18.2km s-min=9.3km az=6.0

IDC 02 21:14:39.1±0.9, 29.9S:175.98W, h0km, mb4.0/7, mbmp4.0/7, MS3.5/5, Error ellipse: s-maj=38.8km s-min=17.6km az=168.0

ISC 02 21:14:39.3±0.8, 29.8S:0.1°175.87W:0.09, h10km, n33, 150/30, mb4.3/12, MS3.4/4, Kermadec Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, etc. Includes stations like RAO, RAO, RAO, etc.

IDC 02 21:00:15.7±2.0, 43.76N:105.47W, h0km, mbtmp3.5/3, M.L3.5/3, Error ellipse: s-maj=62.7km s-min=9.0km az=149.0

NEIC 02 21:00:17.6±1.4, 43.75N:0.104°105.32W:0.06, h0km, 2km, mb3.1/0.7, Error ellipse: s-maj=8.7km s-min=6.2km az=136.0

ISC 02 21:00:17.1±1.2, 43.79N:0.06°105.31W:0.06, h0km, n35, 1103/24, Wyoming

Table with columns: Code, Station Name, Frequency, Power, Mode, etc. Includes stations like RSSD, K2ZA, PHWY, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, etc. Includes stations like FLWY, SNOW, ISCO, etc.

IDC 02 21:01:44.1±1.7, 1.64N:126.98E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=156.0km s-min=24.5km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Frequency, Power, Mode, etc. Includes stations like WRA, WRA, ASAR, MKAR.

NEIC 02 21:14:39.0±2.2, 29.9S:0.1°175.65W:0.06, h10km, 2km, mb4.5/12, Error ellipse: s-maj=18.2km s-min=9.3km az=6.0

IDC 02 21:14:39.1±0.9, 29.9S:175.98W, h0km, mb4.0/7, mbmp4.0/7, MS3.5/5, Error ellipse: s-maj=38.8km s-min=17.6km az=168.0

ISC 02 21:14:39.3±0.8, 29.8S:0.1°175.87W:0.09, h10km, n33, 150/30, mb4.3/12, MS3.4/4, Kermadec Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, etc. Includes stations like RAO, RAO, RAO, etc.

IDC 02 21:00:15.7±2.0, 43.76N:105.47W, h0km, mbtmp3.5/3, M.L3.5/3, Error ellipse: s-maj=62.7km s-min=9.0km az=149.0

NEIC 02 21:00:17.6±1.4, 43.75N:0.104°105.32W:0.06, h0km, 2km, mb3.1/0.7, Error ellipse: s-maj=8.7km s-min=6.2km az=136.0

ISC 02 21:00:17.1±1.2, 43.79N:0.06°105.31W:0.06, h0km, n35, 1103/24, Wyoming

Table with columns: Code, Station Name, Frequency, Power, Mode, etc. Includes stations like STKA, BBOO, ASAR, etc.

2d 23h

Table with columns: STATION, NAME, Az, El, SNR, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like BATI, BATI Baumata, BBSI Bau Bau, etc.

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Table with columns: STATION, NAME, Az, El, SNR, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like STKA Stephens Creek, KLBR Kellerberrin, HTT Hallett, etc.

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Table with columns: STATION, NAME, Az, El, SNR, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like RAYN Ar Rayn, ELIB MLY, ILAR Eielson Array, etc.

IDC 02 23:24:19.0, 7.5, 2.06N: 127.93E, h160km, 90km, mb3.6/4, mbmp4.0/5, Error ellipse: s-maj=165.9km s-min=29.0km az=73.0

NEIC 02 23:24:19.7, 0.9, 2.0N: 0.1, 128.0E: 0.1, h171km, 9km, mb3.9/2, Error ellipse: s-maj=21.8km s-min=14.0km az=207.0

ISC 02 23:24:17.0, 7.7, 2.2N: 0.1, 128.1E: 0.1, h150km, n17, 153/17, mb4.2/8, Halmaheira

Table with columns: Code, Station Name, Az, El, SNR, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like TINTI Ternate, SIJI Sorong, TOLIZ Tolitoli, etc.

IDC 02 23:33:23.3, 2.3, 4.8, 85N: 153.27E, h182km, 23km, mb3.2/8, mbmp3.7/10, Error ellipse: s-maj=46.6km s-min=17.1km az=147.0

ISC 02 23:33:40.1, 9.48, 7N: 0.3, 153.1E: 0.2, h150km, n16, 129/11, mb3.5/8, Kuril Islands

Table with columns: Code, Station Name, Az, El, SNR, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like PETK Petropavlovsk, KLR Kuldrur, KRSR Korea Array, etc.

JMA 02 23:40:08.6, 0.5, 47.1N: 2 x 14.2E, h9km, MV3.0/15, SOUTH SAKHALIN

SKHL 02 23:40:08.1, 0.6, 46.5N: 142.30E, h12km, 2km, mb4.3/3

ISC 02 23:46:22.1, 1.8, 61N: 0.1, 142.2E: 0.1, h12km, n4, 137/8, Sakhalin Island

Table with columns: Code, Station Name, Az, El, SNR, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like YSS Yuzh-Sakhalins, YSS YSS, YSS YSS, etc.

OSPL 02 23:46:22.9, 0.9, 18.8N: 67.37W, h40km, 12km, ML2.1

NEIC 02 23:46:23.6, 1.1, 18.6N: 0.0, 67.50W: 0.2, h19km, 3km, Error ellipse: s-maj=5.0km s-min=2.6km az=181.0

RSRP 02 23:46:24.1, 1.8, 61N: 67.50W, h5km, MD3.0/9

ISC 02 23:46:22.1, 1.8, 61N: 0.0, 67.54W: 0.0, h13km, 9km, n51, 0938/61, 9C-50, Mona Passage

Table with columns: Code, Station Name, Az, El, SNR, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like IDE Isla Desecho, IDE Isla Desecho, AGPR Aguaadilla, etc.

3d 1h

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BELA Belgrano 2, SONM Songoing Array, TROLL Troli, Antari, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNAA Sanae, VNA3 Neumayer Oltyp, ILAR Eielson Array, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNA1 Neumayer-Stat, PDAR Pinedale Array, TXAR Lajitas Array, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WMQ Urumqi, ARCESS ARCESS Array B, NKC Nowy Arystel, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CONA Conrad Observa, CKRC Cesky Krumlov, KHKR Kasperske Hory, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARSA Arzberg, MOA Molln, SOKA Soboth, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABTA Abtaltersbach, MOTA Moosalm, SOTA Sankt Quirin, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FETA Feichten, DAVA Damuels, WEL 03 01:13:28.1, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMWZ Cape Campbell, BSWZ Blackbirch Sta, TUWZ Tuamarina, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TCW Tony Channel, PLWZ Palliser, MSWZ Moikau Station, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNZ Nelson, CAW Cannon Point, KHZ Kahutara, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DUWZ D'Urville Isla, KIWI Kapiti Island, THZ Topohouse, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like INZ Inchbonnie, RACZ Rakaia, RMWZ Te Maipa, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRWZ Mount Hutt, WACZ Wakatu South, WVZ Waitaha Valley, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RPZ Rata Peaks, ARZC Arundel, TSZ Takapari Road, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DMZ Timaru, WAZ Waitaki, ODZ Otahua Downs, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMWZ Cape Campbell, BSWZ Blackbirch Sta, TUWZ Tuamarina, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TCW Tony Channel, KHZ Kahutara, NNZ Nelson, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAW Cannon Point, KHZ Kahutara, DUWZ D'Urville Isla, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIWI Kapiti Island, THZ Topohouse, MTW Mount Morrison, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OWGZ Otaki Gorge, QVZ Quartz Range, GYZ Greta Valley S, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRZ Mangatainoka R, MSWZ Moikau Station, CAW Cannon Point, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WACZ Wakatu South, KIWI Kapiti Island, PRWZ Paruwai Farm, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RPZ Rata Peaks, MTW Mount Morrison, OWGZ Otaki Gorge, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHZ Kahutara, CMWZ Cape Campbell, BSWZ Blackbirch Sta, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GYZ Greta Valley S, TUWZ Tuamarina, THZ Topohouse, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TCW Tony Channel, SNZ South Karori, NNZ Nelson, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WEL Wellington, AMCZ Amberley, MRNZ Matariki Terra, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LTZ Lake Taylor, MSWZ Moikau Station, PAWZ Paruwai Farm, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAW Cannon Point, OKCZ Okains Bay, DUWZ D'Urville Isla, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TRWZ Traveller, KIWI Kapiti Island, MTW Mount Morrison, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PNHZ Pukerua, AKCZ Akaroa Harbour, OXZ Oxford, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DSZ Denniston Nort, OWGZ Otaki Gorge, WEL Wellington, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GYZ Greta Valley S, TUWZ Tuamarina, TCW Tony Channel, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNZ Nelson, CAW Cannon Point, MRNZ Matariki Terra, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PAWZ Paruwai Farm, OKCZ Okains Bay, DSZ Denniston Nort, etc.

WEL 03 01:14:17.2d.0.5, 42°S, 174°E, h12km, M3.0/22, ML3.2/12, MLV3.0/22, Error ellipse: s-maj=0.0km s-min=0.0km az=120.0, confirmed, South Island

Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WNVZ, WNVZ, NGZ, SNVZ, etc.

NOU 03 01:56:11.7, 37.34S, 179.58E, h0km, MLV3.8/7, Off E.

WEL 03 01:56:19.4, 0.9, 37.5, 179.7, h12km, M3.4/33,

ISC 03 01:56:17.9, 2.8, 37.415S, 179.7, h1km, n11, h1km, n12km,

Main table listing station codes, names, coordinates, and observation times. Includes stations like MXZ, WVGZ, PUKZ, etc.

IDD 03 02:05:55.3, 1.1, 43.62N, 105.49E, h0km, mb3.9/5, mbtmp3.8/9, ML3.6/4, MS2.9/1, Error ellipse: s-maj=23.7km

ISC 03 02:05:56.4, 1.0, 43.6N, 105.4E, 0.1, h10km, n11, n070/11, mb3.9/5, Mongolia

Table listing station codes, names, coordinates, and observation times. Includes stations like SONM, MKAR, ZALV, etc.

Table listing station codes, names, coordinates, and observation times. Includes stations like FEMTA, Bolognola (MC), Monte Cornacci, etc.

Table listing station codes, names, coordinates, and observation times. Includes stations like T1241, Assisi San Ben, Montapone, etc.

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FAGN	Fagnano	0.81 151	↑P	Pg	02 42 53.6	-0.2			
FAGN			S	Sn	02 43 08.0	+0.2			
FAGN			AML	AML					
FAGN	comp=E,21600µm,0.5s			AML					
FAGN	comp=N,20150µm,0.4s			AML					
FAGN	comp=N,20150µm,1.6s			AML					
PE3	PE3	0.82 331	↑P	Pb	02 42 54.9	+0.4			
PE3			AML	AML					
PE3	comp=E,21µm,1.5s			AML					
PE3	comp=N,18µm,1.5s			AML					
PE3	comp=N,18µm,0.5s			AML					
VECEL	VECEL	0.83 135	↑P	Pg	02 42 54.2	+0.1			
VECEL			S	Sb	02 43 06.0	+0.2			
VECEL			AML	AML					
VECEL	comp=N,19250µm,0.8s			AML					
VECEL	comp=E,24100µm,0.5s			AML					
SRES	SRES	0.84 208	↑P	Pb	02 42 55.0	+0.3			
SRES			S	Sn	02 43 09.0	+0.7			
SRES			AML	AML					
SRES	comp=N,7235µm,0.5s			AML					
SRES	comp=E,8705µm,1.0s			AML					
SACS	SACS	0.84 262	↑P	Pb	02 42 55.6	+0.8			
SACS			AML	AML					
SACS	comp=N,5675µm,0.7s			AML					
SACS	comp=N,5675µm,0.7s			AML					
SACS	comp=E,2680µm,1.5s			AML					
SACS	comp=N,5575µm,0.8s			AML					
SACS	comp=E,2785µm,0.4s			AML					
SACS	comp=N,5575µm,0.8s			AML					
SACS	comp=E,2785µm,0.4s			AML					
CAFI	CAFI	0.86 294	↑P	Pb	02 42 55.6	+0.4			
CAFI			S	Sn					
CAFI			AML	AML					
CAFI	comp=N,2315µm,0.7s			AML					
CAFI	comp=N,2240µm,0.7s			AML					
CAFI	comp=N,2240µm,0.7s			AML					
T0110	T0110	0.93 144	↑P	Pg	02 42 55.6	-0.3			
T0110			AML	AML					
T0110	comp=N,17350µm,0.5s			AML					
T0110	comp=E,18150µm,0.4s			AML					
PESA	PESA	0.97 351	↑P	Pn	02 42 58.3	+0.5			
PESA			AML	AML					
PESA	comp=N,5525µm,0.5s			AML					
PESA	comp=N,4450µm,1.3s			AML					
PESA	comp=N,4450µm,1.3s			AML					
CPGN	CPGN	0.98 328	↑P	Pn	02 42 58.5	+0.6			
CPGN			AML	AML					
CPGN	comp=N,3760µm,1.1s			AML					
CPGN	comp=N,3590µm,1.6s			AML					
CPGN	comp=N,3760µm,0.9s			AML					
CPGN	comp=N,3760µm,0.9s			AML					
MTCE	MTCE	0.98 193	↑P	Pg	02 42 57.1	+0.2			
MTCE			AML	AML					
MTCE	comp=N,5640µm,0.7s			AML					
LATE	LATE	0.98 249	↑P	Pb	02 42 59.2	+1.3			
PTQR	PTQR	0.99 165	↑P	Pn	02 42 57.9	+0.5			
PTQR			AML	AML					
PTQR	comp=N,2955µm,0.8s			AML					
CRE	CRE	1.02 309	↑P	Pn	02 42 59.0	+0.4			
CRE			AML	AML					
CRE	comp=N,1430µm,1.6s			AML					
CRE	comp=N,1430µm,0.4s			AML					
CRE	comp=N,1785µm,1.5s			AML					
MCIV	MCIV	1.03 259	P	Pn	02 42 59.1	+0.6			
MCIV			AML	AML					
MCIV	comp=N,1465µm,1.1s			AML					
MCIV	comp=N,1380µm,0.9s			AML					
MCIV	comp=N,1465µm,0.9s			AML					
SF04	SF04	1.03 263	↑P	Pn	02 42 59.7	+1.2			
SF04			AML	AML					
SF04	comp=N,2120µm,1.2s			AML					
SF04	comp=N,1720µm,0.6s			AML					
SF04	comp=N,1720µm,1.4s			AML					
SERT	SERT	1.03 183	↑P	Pg	02 42 57.6	-0.3			
CERT	CERT		AML	AML					
CERT	comp=N,7115µm,1.1s			AML					
CERT	comp=N,7115µm,0.9s			AML					
SF01	SF01	1.10 262	↑P	Pn	02 43 01.6	+2.1			
SF01			AML	AML					
SF01	comp=N,2615µm,0.8s			AML					
SF01	comp=N,2615µm,0.8s			AML					
SF01	comp=N,1930µm,0.9s			AML					
SF01	comp=N,2615µm,1.2s			AML					
INTR	INTR	1.16 146	↑P	Pb	02 42 59.3	-0.9			
INTR			AML	AML					
INTR	comp=N,12µm,0.7s			AML					
INTR	comp=N,12µm,0.7s			AML					
INTR	comp=N,6390µm,0.6s			AML					
INTR	comp=N,17250µm,0.7s			AML					
INTR	comp=N,17250µm,0.7s			AML					
INTR	comp=N,7µm,0.6s			AML					
INTR	comp=N,12µm,1.3s			AML					
INTR	comp=N,12µm,1.3s			AML					
ARCI	ARCI	1.16 264	↑P	Pn	02 43 02.3	+1.9			
ARCI			AML	AML					
ARCI	comp=N,792µm,1.1s			AML					
ARCI	comp=N,718µm,1.6s			AML					
ARCI	comp=N,792µm,0.9s			AML					
VVLD	VVLD	1.19 159	↑P	Pb	02 43 00.6	-0.1			
VVLD			AML	AML					
VVLD	comp=N,6575µm,0.6s			AML					
VVLD	comp=N,6575µm,0.6s			AML					
RMP	RMP	1.19 192	↑P	Pg	02 43 02.6	+1.6			
RMP			S	Sn	02 43 20.0	+3.0			
RMP			AML	AML					
RMP	comp=N,8555µm,0.4s			AML					
RMP	comp=N,8555µm,0.4s			AML					
RMP	comp=N,8555µm,1.6s			AML					
TOLF	TOLF	1.20 221	↑P	Pg	02 43 01.7	+0.6			
TOLF			AML	AML					
TOLF	comp=N,2185µm,0.7s			AML					
TOLF	comp=N,2185µm,1.3s			AML					
TOLF	comp=N,2185µm,1.3s			AML					
TOLF	comp=N,2445µm,1.2s			AML					
GUAR	Guarcino	1.20 170	↑P	Pg	02 43 03.8	+2.7			

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GUAR	comp=N,6075µm,1.2s			AML					
GUAR	comp=N,6270µm,0.4s			AML					
GUAR	comp=N,6270µm,0.4s			AML					
CAFR	CAFR	1.22 128	↑P	Pn	02 43 00.9	-0.3			
CAFR			AML	AML					
CAFR	comp=N,5215µm,0.7s			AML					
CAFR	comp=N,5215µm,0.6s			AML					
ASQU	ASQU	1.23 312	↑P	Pg	02 43 02.4	+0.7			
ASQU			AML	AML					
ASQU	comp=N,1285µm,0.8s			AML					
ASQU	comp=N,1285µm,0.8s			AML					
MA9	MA9	1.24 193	↑P	Pn	02 43 03.1	+1.2			
MA9			AML	AML					
MA9	comp=N,8550µm,0.6s			AML					
MA9	comp=N,8550µm,0.6s			AML					
MA9	comp=N,6760µm,0.5s			AML					
MA9	comp=N,6760µm,0.5s			AML					
MA9	comp=N,6760µm,1.5s			AML					
RDP	RDP	1.24 191	↑P	Pg	02 43 03.2	+1.2			
RDP			AML	AML					
RDP	comp=N,12400µm,0.6s			AML					
RDP	comp=N,14400µm,0.5s			AML					
VIVA	VIVA	1.24 190	↑P	Pg	02 43 03.5	+1.6			
VIVA			AML	AML					
VIVA	comp=N,9760µm,0.4s			AML					
VIVA	comp=N,14400µm,0.5s			AML					
SFI	SFI	1.27 317	P	Pg	02 43 03.2	+0.7			
SFI			AML	AML					
SFI	comp=N,952µm,1.1s			AML					
SFI	comp=N,952µm,1.1s			AML					
SFI	comp=N,1110µm,0.8s			AML					
SFI	comp=N,1110µm,0.8s			AML					
SFI	comp=N,952µm,0.9s			AML					
SFI	comp=N,952µm,0.9s			AML					
LAV9	LAV9	1.32 191	↑P	Pg	02 43 06.3	+2.8			
LAV9			AML	AML					
LAV9	comp=N,7475µm,0.3s			AML					
LAV9	comp=N,7490µm,1.5s			AML					
LAV9	comp=N,7490µm,1.5s			AML					
LAV9	comp=N,9725µm,0.6s			AML					
LAV9	comp=N,9725µm,0.6s			AML					
LAV9	comp=N,9725µm,1.7s			AML					
LAV9	comp=N,9685µm,0.6s			AML					
POFI	POFI	1.3							

Table with columns: Name, RA, Dec, Az, El, SNR, and other parameters. Includes stations like CIMO, AMUR, STON, PTCC, A051A, etc.

Table with columns: Name, RA, Dec, Az, El, SNR, and other parameters. Includes stations like KOME, KOME, Jochberg, RETA, etc.

Table with columns: Name, RA, Dec, Az, El, SNR, and other parameters. Includes stations like ESDC, AKASO, BRTR, HFS, NOA, 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 VORR, NEY, KIV, LPSR, KBZ, OBK, 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 BDBF, MACA, USRK, SDV, KSRS, SJCC, 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 SJVI, STVI, STVI, etc.

3d 6h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like NNWZ, NTVZ, WTVZ, KRVZ, RAHZ, RTZ, MTHZ, KATZ, TWVZ, MRHZ, TCW, RATZ, DUWZ, VRZ, RIGZ, TUWZ, MUZ, RAGZ, BSWZ, NEWZ, KHEZ, TARZ, URZ, PKE, RUGZ, KHZ, HAZ, GYZ, CVZ.

WEL 03 05:12:53.9;0.4, 42°53'x17°4E, h5km, M2.2/1.1, ML2.3/1.1, MLV2.2/1.1, Error ellipse: s-maj=0.0km s-min=0.0km az=126.5, confirmed, South Island

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like BSWZ, KHZ, CMWZ, TUWZ, THZ, NNZ, TCW, GVZ, DUWZ, LTZ, CAW, DSZ, KIW, MTH, OGWZ, INZ, MGZ.

NOU 03 05:13:22.4, 42°68S:173°37E, h5km, MLV3.6/7, South Island, New Zealand

WEL 03 05:13:23.8;0.3, 43°3'Sx17°3E, h5km, M3.1/3.2, ML3.4/1.5, MLV3.1/3.2, Error ellipse: s-maj=0.0km

s-min=0.0km az=138.4, confirmed

ISC 03 05:13:23.3;0.9, 42°58S:0°03:173°28E;0°04, h10km, n60, r190/61, South Island

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like KHZ, AMZ, BSWZ, CMWZ, OKZ, OXZ, MOZ, MRNZ, TUWZ, AKZ, INZ, NNZ, DSZ, RACZ, TCW, TNZ, MHCZ, WACZ, PLWZ, DUWZ, QWZ, QRZ, MSWZ, WVZ, RPZ, RAZ, CAW, PAWZ, ARZ, KIW, OGWZ, GCZ, TMZ, MRZ, FOZ, LBZ, BRZ, ODZ, KHEZ, NBEZ, PKE, JCZ, WNVZ, BHZ, OTVZ, NNZ, IMWZ, HIZ, TOZ, AWAZ, MKAZ, WIAZ.

ARE 03 05:52:13:10.0, 15°40S:0°06:70°3W;0°1, h26km, 7km, Error ellipse: s-maj=0.0km s-min=0.0km az=181.0

NEIC 03 05:52:18.5-1.6, 15°30S:0°03:70°97W;0°10, h10km, 2km, mb4.3/5, ML4.1(ARE), Error ellipse: s-maj=16.7km

s-min=3.8km az=76.0, Southern Peru

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like PB18, LPAZ, APO1, PB16, PB12, MNMC, PSGCX, PB11, GO01, TA02, PB08, TA01, PB07, PB09, PB03, ETM8, CZS, PB14, PTLB, MACA, MACA.

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like CHSH, CHSH, CHSH, YAG3, VA03, SNA, SNA, SNA, ILAR, ILAR, ILAR.

IDC 03 06:03:17.7;1.8, 5°58S:146°43E, h0km, mb3.2/2, mbtm03.3/4, ML3.5/1, MS2.8/2, Error ellipse: s-maj=70.6km s-min=29.0km az=112.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like PMG, PMG, KRVT, WRA, ASAR, ILAR, ILAR, ILAR.

IDC 03 06:13:18.9;42.0, 19°58N:123°67E, h0km, mb4.1/2, mbtm03.9/3, ML3.8/1, Error ellipse: s-maj=768.1km

NEIC 03 06:13:46.0;2.8, 22°37N:10°12:1'65E;0°07, h18km, 6km, mb4.1/5, Error ellipse: s-maj=14.7km s-min=9.4km az=164.0

TAP 03 06:13:51.7, 22°78N:121°54E, h20km, ML3.8, C

NIED 03 06:13:51.7, 22°99N:121°70E, h0km, MW3.6, Moment Tensor Solution. s2 Moment tensor: Scale 10^14N; Mn=-0.58; Mw=2.50; Ms=-1.92; Mx=0.44; My=-0.57; Mz=-0.53; Fault plane solution: M2.39000x10^14 Np1; q=321.00000; s84.00000; lambda=19.00000; NP2=53.00000; tau=7.00000; lambda=174.00000

JMA 03 06:13:51.7, 23°12'x12°2'E, h0km, MV3.7/1.1, TAIWAN REGION

ISC 03 06:13:50.2;0.8, 22°76N:10°02:121°64E;0°02, h21km, 1km, n125, r1906/205, mb4.0/4, 7C-18D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like LDUT, LDUT, EDH, EDH, CHKT, CHKT, TTN, TTN, TTN, LONT, LONT, ECS, ECS, TWGBT, TWGBT, TWGBT, TWG, TWG, TWG, FULB, FULB, EHD, EHD, EHD, ECBN, ECBN, ECL, ECL, ECL, EYUL, EYUL, EYUL, TWF1, TWF1, YULB, YULB, YULB, ELDTW, ELDTW, LAY, LAY, LAY, LYUB, LYUB, LYUB, HGSD, HGSD, TAW, TAW, EHY, EHY, TAWH, TAWH, EAST, EAST, EAST, STYT, STYT, STYT, TSMC, TSMC, SFD, SFD, EGFH, EGFH, MASBT, MASBT, SLGT, SLGT, SLU, SLU.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like YUS, YUS, YUS, SCZT, SCZT, SCZT, SGST, SGST, SGST, SMST, SMST, SMST, SGLT, SGLT, SGLT, WTP, WTP, WTP, WCTP, WCTP, WCTP, CISHAN, CISHAN, CISHAN, ESL, ESL, ESL, ALS, ALS, ALS, ALS, TPUB, TPUB, TPUB, TPUB, TSEB, TSEB, TSEB, VWD1, VWD1, VWD1, VWD2, VWD2, VWD2, CHN1, CHN1, CHN1, CHN1, TEYL, TEYL, TEYL, TEYL, TWKB, TWKB, TWKB, TWK1, TWK1, TWK1, HEN, HEN, HEN, TWM1, TWM1, TWM1, TWM1, CHN4, CHN4, CHN4, CHN4, SNST, SNST, SNST, WCKO, WCKO, WCKO, WCKO, WCKO, TTK, TTK, TTK, TWK, TWK, TWK, WHYT, WHYT, WHYT, WHYT, SSSL, SSSL, SSSL, SSSL, SSSL, ETM, ETM, ETM, ETM, SHHT, SHHT, SHHT, SHHT, SMLT, SMLT, SMLT, SMLT, SMLT, TWD, TWD, TWD, TWD, WUSB, WUSB, WUSB, WUSB, CHY, CHY, CHY, CHY, CHY, TYC, TYC, TYC, TYC, WJS, WJS, WJS, WJS, WJS, WJK, WJK, WJK, WJK, CHGB, CHGB, CHGB, CHGB, WDLH, WDLH, WDLH, WDLH, NACB, NACB, NACB, NACB, WNT, WNT, WNT, WNT, WNT, WHF, WHF, WHF, WHF, DPDB, DPDB, DPDB, CHN8, CHN8, CHN8, ETLH, ETLH, ETLH, ETLH, WCS, WCS, WCS, WCS, WTK, WTK, WTK, WTK, TSKC, TSKC, TSKC, TSKC, WSL, WSL, WSL, WSL.

WSL	baz=302	eS	Sn	06 14 35.2 +0.3					
FUSS	Fushou baz=349	eP	Pn	06 14 16.7 +0.2					
FUSS	baz=349	eS	Sn	06 14 34.5 -1.4					
WRL	Guolierlin Hig baz=317	eP	Pb	06 14 18.4 -1.0					
WRL	baz=317	eS	Sb	06 14 38.7 -0.8					
WHP	Taichung City baz=351	eP	Pb	06 14 20.5 +0.7					
WHP	baz=351	eS	Sb	06 14 42.5 +2.4					
WCHH	Zhanghua baz=324	eP	Pb	06 14 20.4 +0.6					
ENA	Nanau baz=16	eP	Pn	06 14 18.8 +0.6					
ENA	baz=16	eS	Sn	06 14 38.0 -1.0					
NNSB	Datong baz=7.0	eP	Pn	06 14 19.4 +0.9					
NNSB	baz=7.0	eS	Sn	06 14 38.9 -0.6					
NNSH	Datong baz=6.0	eP	Pn	06 14 18.4 -0.2					
NNSH	baz=6.0	eS	Sn	06 14 37.8 -1.8					
EWUT	Wuta baz=17	eP	Pn	06 14 18.3 -0.2					
EWUT	baz=17	eS	Sn	06 14 38.5 -0.9					
TWQ1	Liyutan baz=336	eP	Pb	06 14 22.3 +0.3					
TWQ1	baz=336	eS	Sb	06 14 44.4 +0.6					
LATG	Datong baz=359	eP	Pb	06 14 20.4 +0.6					
WDJ	Dajia District baz=333	eP	Pb	06 14 23.9 +1.0					
WDJ	baz=333	eS	Sb	06 14 47.4 +2.0					
NSY	Sanyi baz=337	eP	Pb	06 14 23.4 +0.3					
NSY	baz=337	eS	Sb	06 14 46.8 +1.2					
TWC	Suao baz=19	eP	Pn	06 14 21.1 +0.4					
TWC	baz=19	eS	Sn	06 14 43.4 -0.2					
ENTT	Nioudou baz=1.0	eP	Pn	06 14 21.1 0.0					
ENTT	baz=1.0	eS	Sn	06 14 22.6 +0.8					
YHNB	Yeheng baz=6.0	eP	Pn	06 14 22.9 +1.2					
YHNB	baz=6.0	eS	Sn	06 14 45.5 +0.1					
NFF	Wufeng Townshi baz=356	eP	Pb	06 14 23.5 -1.2					
NFF	baz=356	eS	Sn	06 14 44.3 -1.2					
NSK	Sanguang baz=6.0	eP	Pn	06 14 22.4 +0.5					
NSK	baz=6.0	eS	Sn	06 14 44.3 -1.2					
NMLH	Miaoli baz=338	eP	Pb	06 14 24.6 -0.2					
NMLH	baz=338	eS	Sb	06 14 47.4 +2.0					
NSTT	Nanjuang baz=345	eP	Pb	06 14 24.5 -0.6					
NSTT	baz=345	eS	Sb	06 14 48.1 -0.9					
TWE	Neicheng baz=4.0	eP	Pn	06 14 23.5 +1.3					
TWE	baz=4.0	eS	Sn	06 14 25.0 -0.3					
LIOB	Emei baz=345	eP	Pb	06 14 23.8 +1.0					
LIOB	baz=345	eS	Sn	06 14 26.0 +1.7					
FUSB	Fushanzhiwuyua baz=1.0	eP	Pn	06 14 23.8 +1.0					
FUSB	baz=1.0	eS	Sn	06 14 26.1 +1.1					
YOJ	Yonaguni jima baz=2.12	eP	Pn	06 14 26.1 +1.1					
YOJ	baz=2.12	eS	Sn	06 14 51.4 +1.3					
TATO	Taipei baz=2.21	eP	Pn	06 14 26.6 +0.9					
TATO	baz=2.21	eS	Sn	06 14 30.0 +2.0					
HATJ	Hateruma jima baz=2.38	eP	Pn	06 14 30.0 +2.0					
HATJ	baz=2.38	eS	Sb	06 14 57.1 +0.6					
IRIF	Iriomote-Funau baz=2.48	eP	Pn	06 14 32.0 -2.1					
IRIF	baz=2.48	eS	Sb	06 15 00.8 +1.7					
JKRS	Kuro-shima baz=2.63	eP	Pb	06 14 34.3 -2.3					
JKRS	baz=2.63	eS	Sn	06 15 04.2 +1.4					
JJJ	Ishigaki jima baz=2.80	eP	Pn	06 14 36.7 +2.8					
JJJ	baz=2.80	eS	Sn	06 15 08.0 +1.0					
JISG	Ishigakijimahi baz=3.06	eP	Pn	06 14 39.0 +1.7					
JISG	baz=3.06	eS	Sn	06 15 14.0 +0.7					
JTJ	Tarama baz=3.58	eP	Pn	06 14 44.1 +2.4					
JTJ	baz=3.58	eS	Sn	06 15 22.5 +1.2					
HKPS	Hong Kong Po S baz=6.95	eP	Pn	06 15 24.7 -6.1					
HKPS	baz=6.95	eS	Sn	06 15 36.1 +0.8					
JOW	Kunigami baz=7.27	eP	Pn	06 17 33.1 0.0					
JOW	baz=7.27	eS	Sn	06 17 42.4 -1.0					
KSR5	Korea Array 15.62 19 P P 06 17 45.2 -1.1								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 33.1 0.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 42.4 -1.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 45.2 -1.1								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 33.1 0.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 42.4 -1.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 45.2 -1.1								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 33.1 0.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 42.4 -1.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 45.2 -1.1								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 33.1 0.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 42.4 -1.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 45.2 -1.1								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 33.1 0.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 42.4 -1.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 45.2 -1.1								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 33.1 0.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 42.4 -1.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 45.2 -1.1								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 33.1 0.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 42.4 -1.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 45.2 -1.1								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 33.1 0.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 42.4 -1.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 45.2 -1.1								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 33.1 0.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 42.4 -1.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 45.2 -1.1								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 33.1 0.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 42.4 -1.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 45.2 -1.1								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 33.1 0.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 42.4 -1.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 45.2 -1.1								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 33.1 0.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 42.4 -1.0								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5	1.3nm, 0.8s								
KSR5	Korea Array 15.62 19 P P 06 17 45.2 -1.1								
KSR5	baz=15.62, slow=190, SNR=4.8								
KSR5									

Table containing 3-day and 6-hour weather forecasts for various locations. Includes columns for location name, time, and weather conditions.

Table containing detailed weather data for various locations in Australia, including station names, coordinates, and current weather conditions.

Table containing weather forecasts for various locations in Taiwan, including location names, time, and weather conditions.

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

ICD 03 07:03:38.9-2.5, 12.96N:90.61W, h0km, mb3.7/2, mbtmp3.8/4, ML3.5/2, MS3.0/3, Error ellipse: s-maj=131.5km s-min=22.4km az=37.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in Guatemala.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in Mexico and Central America.

ICD 03 07:29.4-4.9, 45.82N:109.09E, h0km, mb4.0/1, mbtmp3.5/3, ML3.4/2, Error ellipse: s-maj=62.6km, s-min=54.2km az=128.0, Mongolia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in Mongolia.

RSPR 03 07:04:36.1, 19.43N:65.09W, h41km, 18km, MD3.6/11, OSPL 03 07:04:37.3, 1.0, 19.50N:65.20W, h37km, 52km, ML2.9

NEIC 03 07:04:37.8, 1.8, 19.24N:0.08:65.19W, 0.05, h36km, 41km, Error ellipse: s-maj=12.4km s-min=3.3km az=209.0

ICD 03 07:04:32.9-1.6, 19.50N:0.07:65.15W, 0.05, h23km, n58, 19:32/60, 11C-3D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in Guatemala.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Caribbean and South America.

NOU 03 07:10:04.3, 41.83S:174.48E, h16km, MLv3.9/11, Cook Strait, New Zealand

WEL 03 07:10:04.9, 0.3, 42.2S:3.17.4E, h12km, 3km, M3.6/38, ML3.9/2, Error ellipse: s-maj=0.0km az=139.2, confirmed

ISC 03 07:10:04.1, 4.1, 41.77S:0.03:174.38E, 0.03, h17km, 13km, n110, 19:12/114, Cook Strait

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Pacific and South America.

3d 7h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like URJZ Urewera, ODZ Otahua Downs, etc.

NNC 03 07:17:18.9.0.9, 49.70N-81.70E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=12.6km s-min=1.9km az=54.0, Suspected Mining explosion.

IDC 03 07:17:20.9.1.3, 49.81N-81.62E, h0km, mbmp2.7/2, ML2.2/2, Error ellipse: s-maj=16.6km s-min=9.1km az=55.0

ISC 03 07:17:13.5.1.1, 49.81N-0.05.82.05E, 0.08, h0km, n9, 056/10, 1C-7D, Eastern Kazakhstan

Main table for 3d 7h section, listing stations like KURK Kurchatov Arra, KURBB Kurchatov Arra, etc.

WEL 03 07:30:24.7.0.4, 43.53S x 173E, h5km, mb3.5/25, ML3.8/13, MLV3.5/25, Error ellipse: s-maj=0.0km s-min=0.0km az=119.9, confirmed, South Island

Main table for WEL section, listing stations like GVZ Greta Valley S, AMZ Amberley, etc.

NNC 03 07:31:10.5.0.7, 50.79N-73.59E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=6.5km s-min=5.5km az=11.0, Suspected Mining explosion.

IDC 03 07:31:12.7.0.8, 50.82N-73.60E, h0km, mb3.5/1, mbmp3.1/6, ML2.6/5, MS3.8/1, Error ellipse: s-maj=14.5km s-min=6.7km az=32.0

ISC 03 07:31:12.2.0.1, 50.87N-0.08.73.62E, 0.06, h0km, n13, 083/15, 4C-6D, Central Kazakhstan

Main table for NNC/IDC/ISC section, listing stations like OTUK Ortayu, BVAO Borovoye Array, etc.

2016 DEC

Main table for 2016 DEC section, listing stations like BVAR Borovoye Array, KURBB Kurchatov Arra, etc.

NNC 03 07:41:34.3.0.3, 50.01N-78.81E, h0km, mb3.1, mpv2.9, Error ellipse: s-maj=10.3km s-min=1.5km az=69.0, Suspected Mining explosion.

IDC 03 07:41:35.9.0.9, 50.06N-78.77E, h0km, mbmp2.9/3, ML2.3/2, Error ellipse: s-maj=11.7km s-min=6.2km az=59.0

ISC 03 07:41:35.5.1.0, 50.01N-0.06.78.68E, 0.09, h0km, n17, 0571/28, 19C-5D, Eastern Kazakhstan

Main table for 2016 DEC section, listing stations like KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, etc.

IDC 03 07:42:36.6.0.8, 39.06N-74.07E, h0km, mb4.0/15, mbmp4.0/21, ML3.7/4, MS3.4/23, Error ellipse: s-maj=14.5km s-min=12.6km az=108.0

BUI 03 07:42:37.6.0.0, 39.19N-74.02E, h12km, mb4.1/14, mb4.8/6, ML4.0/6, MS3.9/3, Ms7.3/8.4

SOME 03 07:42:38.4.39.42N-73.92E, h0km, mb4.8, mpv4.5, KRNET 03 07:42:39.4.0.1, 39.36N-73.95E, mb4.7

NNC 03 07:42:41.7.1.9, 39.28N-74.07E, h0km, mb4.8, mpv4.5, Error ellipse: s-maj=14.9km s-min=8.7km az=178.0

MOS 03 07:42:43.0.1.0, 39.28N-74.03E, h47km, mb4.4/10, Error ellipse: s-maj=6.6km s-min=3.7km az=84.9

NEIC 03 07:42:45.0.2.4, 39.33N-0.06.74.00E, 0.08, h5km, g8km, mb4.4/29, Error ellipse: s-maj=9.7km s-min=7.8km az=137.0

ISC 03 07:42:40.0.0.4, 39.36N-0.03.73.97E, 0.02, h10km, n248, 256/305, mb4.5/34, MS3.4/18, 37C-34D, Tajikistan-Xinjiang border region

Main table for 2016 DEC section, listing stations like OHH Osh, OHH Osh, etc.

Main table for 2016 DEC section, listing stations like NRN Naryn, NRN Naryn, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like BPAW, N25K, BWN, BMRM, O18K, etc.

KRSC 03 08:08:45.1 ± 1.3, 55:09N; 164:97E, h48km, mb4.3/23, Error ellipse: s-maj=2.7km s-min=6.9km az=148.2

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like BKI, BKTR, BZGR, etc.

Main table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like KRSC, KRSR, KRRR, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like YKA, BKLA, MK31, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SC70 Schefferville, SC80 Schefferville, BATH Bathurst New B, etc.

NEIC 03 09:01:42.62.5, 47.05N, 01:04:5.43E, 01:05, h5km, 8km, Error ellipse: s-maj=6.3km s-min=5.0km az=188.0 BGR 03 09:01:43.40.6, 47.03N, 5:49E, h10km, ML3.7/18, Error ellipse: s-maj=8.9km s-min=6.7km az=174.0 LDG 03 09:01:43.9.0.1, 47.04N, 5:50E, h6km, Md3.8/4, M13.9/70, Error ellipse: s-maj=1.3km s-min=1.2km az=131.0 STR 03 09:01:44.0.3.47, 47.04N, 5:50E, h2km, 3km, ML3.8/51, Error ellipse: s-maj=0.0km s-min=0.0km az=103.5, preliminary UCC 03 09:01:43.5.1.7, 47.05N, 5:41E, h1 km, 5km, ML4.2 ZUR 03 09:01:43.4.7, 47.06N, 5:47E, h2km, 1km, ML3.6/115, Error ellipse: s-maj=3.0km s-min=1.4km az=143.0 BGS 03 09:01:45.6.0.8, 47.19N, 5:22E, h5km, ML3.7, ML3.7 BNS 03 09:01:47.3.1.0, 47.35N, 5:23E, h10km, ML3.4 PRU 03 09:01:48.4.0.4, 47.04N, 5:73E, h1km GEN 03 09:01:59.2.46, 35N, 6:33E, h36km, 9km, M10.0 ISC 03 09:01:42.5.9, 47.05N, 01:05:47E, 01:01, h1km, 7km, n254, s159/398, 17C-28D, France

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like RIVEL MONT RIVEL, PLYF Puligny Montr, BOUC Bouclians, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like PAGF 51nm,0.2s, BALST Baisthal, RSL Roselend, SAVF Savonnières en, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like UBR Ueberherr, RJIJ crte de Spivo, BMRD Maredsous, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like BZW/R, KLY, KR/SR, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like Q19K, Q19K, L19K, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like TRF, TRF, F21K, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like Sachs Harbour, Paulatuk, Grenville Isla, WAKE ISLAND Hy, WAKE ISLAND Hy, Liard River Hi, Changchun, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like Sidney, XilinHaoTe, Neilton Lookou, Berland Lookou, Hawaii Prepara, Pohakuioa, Enumclaw, Eureka, Resolute Bay, Ulanbaatar, Sonm, ALE Alert, Newport, Kunigami, ZAK, TIA, Wood Farm, Sta, Yreka Blue Hor, Hu-ho-hao-te, Wood Farm, Sta, Yreka Blue Hor, Hu-ho-hao-te, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like NJ2, NJ2, NJ2, comp=Z,170nm,0.7s, comp=Z,3um,3.5s, comp=Z,3um,21.6s, comp=Z,3um,20.6s, comp=Z,5um,16.6s, comp=Z,140nm,1.0s, comp=Z,3um,3.6s, comp=Z,2um,18.5s, comp=Z,3um,22.0s, comp=Z,4um,32.9s, comp=Z,5um,18.0s, comp=Z,6um,22.0s, comp=Z,11um,22.0s, comp=Z,312nm,1.4s, comp=Z,3um,20.4s, comp=Z,230nm,1.5s, comp=Z,8um,20.0s, comp=Z,156nm,1.4s, comp=Z,73nm,0.9s, comp=Z,241nm,1.7s, comp=Z,286nm,1.9s, comp=Z,135nm,0.9s, comp=Z,194nm,1.6s, comp=Z,307,SNR=51, comp=Z,215nm,0.9s, comp=Z,4um,19.0s, comp=Z,143nm,0.9s, comp=Z,230nm,2.1s, comp=Z,3um,5.2s, comp=Z,5um,20.8s, comp=Z,2um,20.8s, comp=Z,7um,26.9s, comp=Z,8um,22.0s, comp=Z,140nm,1.1s, comp=Z,140nm,1.1s, comp=Z,11um,18.0s, comp=Z,936nm,1.3s, comp=Z,204nm,1.5s, comp=Z,13nm,0.7s, comp=Z,53nm,1.2s, comp=Z,0.3nm,0.7s, comp=Z,7um,21.9s, comp=Z,0.5nm,0.7s, comp=Z,1.2nm,0.8s, comp=Z,13nm,0.7s, comp=Z,250nm,1.2s, comp=Z,3um,21.6s, comp=Z,5um,21.0s, comp=Z,242nm,1.2s, comp=Z,229nm,1.3s, comp=Z,155nm,1.3s, comp=Z,5um,20.0s, comp=Z,940nm,0.7s, comp=Z,5um,3.4s, comp=Z,9um,17.2s, comp=Z,4um,16.9s, comp=Z,9um,18.1s, comp=Z,187nm,1.1s, comp=Z,308,SNR=26, comp=Z,108nm,1.1s, comp=Z,282nm,1.1s, comp=Z,5um,20.0s, comp=Z,194nm,1.1s, comp=Z,98nm,1.0s, comp=Z,298nm,1.0s

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 3MDC, KBS, KULLO, GRAC, etc.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BJO1, BJO1, MONP, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KURBB, KURBB, F33A, OGNE, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like APA, SCO, ANMO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LOF, N35A, R32A, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like JCT, JCT, JCT, JCT, TBLU, L48A, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like 435B, 435B, 435B, M50A, UALR, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like ERPA, ERPA, ERPA, CCAR, NB2, etc.

Q51A	Peables	66.90	56	P	P	09 34 24.0 +0.1
Q51A	baz=319,SNR=48					
Q51A	baz=319,SNR=48			S	S	09 34 12.9 -1.4
Q51A	baz=319			S	S	09 34 12.9 -1.4
R50A	Paris	66.96	57	P	P	09 34 24.6 +0.4
R50A	baz=319,SNR=39			P	P	09 34 24.6 +0.4
R50A	baz=319,SNR=39			S	S	09 34 13.9 -1.1
R50A	baz=319			S	S	09 34 13.9 -1.1
AFI	Afihamu	66.99	165	P	P	09 34 25.7 +1.1
AFI	comp-Z,4um,21.9s,ba=358,slow=36			LR	LR	09 57 27.6
AFI	Afihamu	66.99	165	IAMS_20	IAMS_20	09 56 21.5
O53A	New Philadelphia	67.04	54	IAMB	IAMB	09 34 25.7
O53A	comp-Z,318nm,1.7s			IAMS_20	IAMS_20	10 04 39.3
O53A	comp-Z,5um,20.0s			P	P	09 34 24.2 -0.5
P52A	Corning	67.05	55	IAMB	IAMB	09 34 38.2
P52A	comp-Z,388nm,1.9s			IAMS_20	IAMS_20	10 05 22.7
P52A	comp-Z,5um,18.0s			P	P	09 34 24.0 -0.8
OXF	Oxford	67.09	63	IAMS_20	IAMS_20	10 03 57.8
OXF	comp-Z,3um,19.0s			P	P	09 34 25.1 0.0
OXF	Oxford	67.09	63	P	P	09 34 25.0 -0.1
OXF	baz=319			S	S	09 43 14.2 -2.4
J57A	Williamstown	67.10	48	IAMB	IAMB	09 34 25.7
J57A	comp-Z,102nm,1.1s			P	P	09 34 24.2 -0.8
J57A	Williamstown	67.10	48	P	P	09 34 24.2 -0.8
J57A	baz=321,SNR=8.7			P	P	09 34 24.2 -0.8
D62A	Allapont, All	67.20	42	P	P	09 34 25.1 -0.5
D62A	baz=324			P	P	09 34 25.1 -0.5
M55A	Ridgway	67.30	51	P	P	09 34 26.5 +0.1
M55A	baz=320,SNR=67			P	P	09 34 26.5 +0.1
M55A	baz=320,SNR=67			S	S	09 43 17.5 -1.6
M55A	baz=320			S	S	09 43 17.5 -1.6
143A	Socs Landing	67.33	66	IAMB	IAMB	09 34 38.7
143A	comp-Z,168nm,1.2s			P	P	09 34 27.0 +0.4
143A	Socs Landing	67.33	66	P	P	09 34 27.0 +0.4
L56A	Greenwood	67.36	50	P	P	09 34 26.7 -0.1
L56A	baz=321,SNR=34			P	P	09 34 26.7 -0.1
K57A	Scipio Center	67.38	49	P	P	09 34 26.5 -0.4
K57A	baz=321,SNR=16			P	P	09 34 26.5 -0.4
OBN	Obninsk	67.40	335	P	P	09 34 26.6 -0.1
OBN	comp-Z,52nm,0.7s,ba=13,slow=3.2,SNR=61			LR	LR	10 07 30.7
OBN	comp-Z,3um,18.5s,ba=24,slow=39					
OBN	Obninsk	67.40	335	P	P	09 34 26.9 +0.2
OBN	Obninsk	67.40	335	P	P	09 34 26.4 -0.3
OBN	comp-Z,12nm,1.0s			ePPP	PPP	09 34 54.1
OBN	comp-Z,12nm,1.0s			i	S	09 34 44.4
OBN	comp-Z,12nm,1.0s			i	S	09 43 12.5 -7.2
OBN	comp-Z,12nm,1.0s			i	S	09 47 46.5 +7.6
OBN	comp-Z,345nm,0.9s			MLR	MLR	
OBN	Obninsk	67.40	335	P	P	09 34 25.7 -1.0
OBN	Obninsk	67.40	335	P	P	09 34 39.2 +2.3
OBN	Obninsk	67.40	335	P	P	09 34 45.0 +4.6
OBN	Obninsk	67.40	335	P	P	09 34 27.0 -0.3
UPA0	U. Pittsburgh	67.45	53	P	P	09 34 28.0
J58A	Remsen	67.46	48	IAMB	IAMB	09 34 26.8 -0.5
J58A	comp-Z,229nm,1.4s			P	P	09 34 26.8 -0.5
J58A	Remsen	67.46	48	P	P	09 34 26.8 -0.5
J58A	baz=322,SNR=20			P	P	09 34 26.8 -0.5
NCB	Newcomb	67.46	47	IAMB	IAMB	09 34 27.9
NCB	comp-Z,152nm,1.4s			P	P	09 34 26.4 -0.9
NCB	Newcomb	67.46	47	P	P	09 34 26.4 -0.9
PLAL	Pickwick Lake	67.46	62	IAMB	IAMB	09 34 38.8
PLAL	comp-Z,98nm,0.8s			IAMS_20	IAMS_20	10 05 12.1
PLAL	comp-Z,5um,19.0s					
Y45A	Yeager Farm, C	67.50	64	P	P	09 34 27.9 +0.2
Q52A	Bidwell	67.50	55	P	P	09 34 27.3 -0.3
Q52A	baz=320,SNR=14			P	P	09 34 27.3 -0.3
Q54A	Avela	67.51	53	IAMB	IAMB	09 34 40.4
Q54A	comp-Z,189nm,1.3s			P	P	09 34 27.5 -0.1
Q54A	Avela	67.51	53	P	P	09 34 27.5 -0.1
Q54A	baz=320,SNR=16			P	P	09 34 27.5 -0.1
GUN	Gumba	67.53	287	eP	P	09 34 29.6 +1.2
J19N	Jiri	67.53	286	eP	P	09 34 29.5 +1.0
P53A	Whipple	67.54	54	IAMB	IAMB	09 34 40.5
P53A	comp-Z,253nm,1.5s			P	P	09 34 27.7 -0.2
P53A	Whipple	67.54	54	P	P	09 34 27.7 -0.2
P53A	baz=320,SNR=13			P	P	09 34 27.7 -0.2
U49A	Red Boiling Sp	67.54	59	IAMB	IAMB	09 34 39.7
U49A	comp-Z,338nm,1.3s			P	P	09 34 27.9 0.0
U49A	Red Boiling Sp	67.54	59	P	P	09 34 27.9 0.0
U49A	baz=319,SNR=54			S	S	09 43 20.7 -1.3
MRSI	Marisa	67.55	239	P	P	09 34 27.9 -0.3
MRSI	comp-Z,4um,comp-Z,5um,comp-Z,266nm,1.6s					
V48A	Smith Brothers	67.57	60	IAMB	IAMB	09 34 39.8
V48A	comp-Z,200nm,1.2s			P	P	09 34 27.9 -0.2
V48A	Smith Brothers	67.57	60	P	P	09 34 19.8 -2.6
V48A	baz=319,SNR=58			S	S	09 34 27.9 -0.2
PSDB	Penn State Uni	67.57	51	P	P	09 34 27.9 -0.2
TOL2	Tolitoli	67.64	240	IAMB	IAMB	09 34 29.4
TOL2	comp-Z,94nm,0.9s			P	P	09 34 28.6 -0.1
TOL2	Tolitoli	67.64	240	P	P	09 34 28.2 -0.5
TOL2	Sanana	67.64	234	P	P	09 34 28.5 -0.2
TOL2	comp-Z,3um,comp-Z,3um,comp-Z,134nm,1.7s			P	P	09 34 28.4 -0.3
SANI	Sanana	67.65	58	P	P	09 34 28.5 -0.2
T50A	Nancy	67.65	58	P	P	09 34 28.5 -0.2
T50A	baz=319			P	P	09 34 28.5 -0.2
T50A	baz=319			S	S	09 43 22.4 -1.0
T50A	baz=319			S	S	09 43 22.4 -1.0
J59A	Plesco	67.73	47	IAMB	IAMB	09 34 29.4
J59A	comp-Z,218nm,1.6s			P	P	09 34 28.1 -0.9
J59A	Plesco	67.73	47	P	P	09 34 28.1 -0.9
J59A	baz=322,SNR=14			P	P	09 34 28.1 -0.9
KONO	Kongsberg	67.76	352	P	P	09 34 28.9 0.0
KONO	comp-Z,4um,22.0s			IAMS_20	IAMS_20	10 02 34.6
KONO	Kongsberg	67.76	352	P	P	09 34 29.0 0.0
KONO	comp-Z,224nm,0.7s			pmax	pmax	

KONO	comp-Z,2um,17.0s			MLR	MLR	
F62A	Pittston Farm	67.77	43	IAMB	IAMB	09 34 30.2
F62A	comp-Z,340nm,1.5s			P	P	09 34 28.7 -0.6
F62A	Pittston Farm	67.77	43	P	P	09 34 28.7 -0.6
F62A	baz=323,SNR=23			P	P	09 34 28.7 -0.6
342A	Flagon Creek P	67.80	67	IAMB	IAMB	09 34 42.1
342B	Flagon Creek P	67.80	67	P	P	09 34 30.9 +1.2
RAMN	Ramite	67.82	286	eP	P	09 34 30.8 +0.7
SS1A	Beattyville	67.83	57	IAMB	IAMB	09 34 45.5
SS1A	comp-Z,88nm,0.9s			P	P	09 34 29.8 +0.1
SS1A	Beattyville	67.83	57	P	P	09 34 29.8 +0.1
SS1A	baz=320,SNR=23			P	P	09 34 29.8 +0.1
SS1A	baz=320,SNR=23			S	S	09 43 23.3 -2.2
SS1A	baz=320			S	S	09 43 23.3 -2.2
SS1A	baz=320			S	S	09 43 23.3 -2.2
VT1	Waterbury	67.83	46	IAMB	IAMB	09 34 30.2
VT1	comp-Z,163nm,1.4s			P	P	09 34 29.0 -0.7
VT1	Waterbury	67.83	46	P	P	09 34 29.0 -0.7
LRW	Lerwick	67.90	358	eP	P	09 34 29.6 -0.1
LRW	comp-Z,322,SNR=8.9			IAMB	IAMB	09 34 31.6
BRDH	Baridhala	67.98	279	LR	LR	10 06 09.5
AAI	Ambon	67.99	231	P	P	09 34 31.3 +0.4
AAI	comp-Z,2um,21.6s,ba=30,slow=38			P	P	09 34 31.3 +0.4
E63A	Oxbow	67.99	42	P	P	09 34 29.6 -1.0
E63A	baz=324,SNR=14			P	P	09 34 29.6 -1.0
E63A	baz=324,SNR=14			P	P	09 34 29.6 -1.0
MCVT	Middlebury Col	68.02	46	P	P	09 34 30.0 -0.8
MCVT	comp-Z,322,SNR=7.5			P	P	09 34 32.2
BINY	Binghamton	68.04	49	IAMB	IAMB	09 34 32.2
BINY	comp-Z,163nm,1.2s			IAMS_20	IAMS_20	10 05 04.4
BINY	Binghamton	68.04	49	P	P	09 34 30.9 -0.1
BINY	comp-Z,3um,22.0s			P	P	09 34 30.6 -0.4
BINY	Binghamton	68.04	49	P	P	09 34 30.6 -0.4
BINY	baz=322,SNR=14			P	P	09 34 32.1 +0.4
PKI	Pulchoki	68.06	287	eP	P	09 34 32.1 +0.4
PKIN	Phulchok	68.06	287	eP	P	09 34 32.3 +0.6
G62A	West of Eustis	68.08	44	IAMB	IAMB	09 34 31.2 0.0
G62A	comp-Z,346nm,1.6s			P	P	09 34 31.2 0.0
G62A	West of Eustis	68.08	44	P	P	09 34 31.2 0.0
G62A	baz=323,SNR=17			P	P	09 34 29.8 -1.3
SLIT	Slitere, Latvi	68.10	344	eP	P	09 34 32.4 +0.6
NLAI	Namlea	68.12	232	P	P	09 34 31.6 -0.1
NLAI	comp-Z,5um,comp-Z,34nm,0.8s			P	P	09 34 31.6 -0.1
R53A	Hurricane	68.14	55	P	P	09 34 31.6 -0.1
R53A	baz=320,SNR=36			P	P	09 34 33.0
R53A	baz=320,SNR=36			P	P	09 34 31.1 -0.7
ACCN	Adirondack Com	68.17	47	IAMB	IAMB	09 34 31.1 -0.7
ACCN	comp-Z,112nm,1.0s			P	P	09 34 53.3
ACCN	Adirondack Com	68.17	47	P	P	09 34 31.8 -0.1
ACCN	baz=322,SNR=19			P	P	09 34 31.8 -0.1
MCWV	Mont Chateau	68.17	53	IAMB	IAMB	09 34 31.9 +0.1
MCWV	comp-Z,346nm,1.0s			P	P	09 34 45.0
MCWV	Mont Chateau	68.17	53	P	P	09 34 31.8 -0.1
MCWV	baz=321,SNR=19			P	P	09 34 31.8 -0.1
MCWV	Mont Chateau	68.17	53	P	P	09 34 31.8 -0.1
MCWV	baz=321,SNR=19			P	P	09 34 31.8 -0.1
M57A	Sunshine Farm	68.18	50	IAMB	IAMB	09 34 31.8 -0.1
M57A	comp-Z,118nm,0.8s			P	P	09 34 31.8 -0.1
M57A	Sunshine Farm	68.18</				

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMOL, ARCA, TESR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SOKA, CLF, WRAB, etc.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like Umm Al-Quwain, Makrami, AXAR, EVR, UOSS, Minazif, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like SAKB Bahrain, CUI Cui, PCAS Casimiro, Jabal al Asfar, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like EIL Elat, EIL Puerto Rico, EIL comp=2.16nm,0.7s, etc.

mbmp3.9/16, Error ellipse: s-maj=22.7km s-min=16.5km az=124.0

ISC 03 10:55:09.0-0.7, 26.6N, 01:44.6W, 0.1, h11km, n22, o=076/17, mb4.0/16, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BDFB Brasilia, H10N2 ASCENSION HYDR4.97 135 T, H10N3 ASCENSION HYDR4.97 135 T, etc.

OSPL 03 10:59:53.7-6.5, 17.73N, 65.76W, h25km, 999km, ML3.0, NEIC 03 10:59:53.7-0.8, 17.89N, 01:65.88W, 0.01, h20km, 1km, Error ellipse: s-maj=2.3km s-min=1.1km az=71.0

RSRP 03 10:59:54.5, 17.91N, 65.89W, h8km, 1km, MD3.1/15, ISC 03 10:59:54.0-0.9, 17.91N, 01:65.89W, 0.02, h18km, 4km, n58, o=57/68, 8C-3D, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IGPR InterUniversit, SJG San Juan, CBYP Canovanas, GPCR Guaynabo City, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AGPR Aguadilla, IDE Isla Deseccho, MBFL Flemmings, Mon, etc.

IDC 03 11:17:57.1-0.8, 13.02N, 86.89W, h0km, mb4.2/16, mbmp4.2/19, ML3.4/3, MS4.0/3, Error ellipse: s-maj=26.3km s-min=12.9km az=55.0

UCR 03 11:17:58.5-2.8, 12.64N, 87.19W, h0km, 9km, MW4.3, mb4.7(NEIC)

INET 03 11:17:58.8-0.7, 12.89N, 87.03W, h6km, 3km, MW4.7, NEIC 03 11:17:59.0-0.2, 12.92N, 0:07.87, 0.03W, 0.06, h12km, 6km, mb4.7/50, MD4.8(SNET), Error ellipse: s-maj=11.7km s-min=5.8km az=218.0

SNET 03 11:18:02.0-4.7, 12.84N, 87.21W, h5km, ML4.8, ISC 03 11:18:02.1-3.3, 12.86N, 0:04.87, 0.03W, 0.04, h17km, 9km, n270, o=107/267, mb4.6/37, MS3.9/3, 4C, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CRIN San Cristobal, CONGN Cerro Negro, BRAN Las Pilas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FPAL Fort Payne, OXF Oxford, OXF Oxford, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like MPAC Manual Prospec, R11A Troy Canyon, AGM1 Agassiz Nation, etc.

2015 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like TOLK Toolik Lake Re, C24K Franklin Bluff, D23K Namsluk River, etc.

3d 12h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like IDC 03 12:37:43.5, IDC 03 12:37:06.3, etc.

3d 14h

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like Novokhopryorsk, Galich'ya Gora, Waferdange, etc.

2016 DEC

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like KEV, KK31, KK31, KK31, etc.

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Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like H23K, H21K, H21K, MDM, MDM, etc.

ROM 03 14:00:10.6:0.0,42.797N:0.002x13:163E:0.004, h12km,ML1.8/15,3C-4D, Error ellipse: s-maj=0.3km s-min=1.1km az=248.0, Central Italy

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like NRCA, NRCA, NRCA, etc.

TERO	comp=N,171um,0.5s	AML	AML				
ASSB	Assisi San Ben	0.44 304	P	Pg	14 00 19.5	+0.1	
GIGS	Gran Sasso	0.46 139	S	Pg	14 00 19.7	0.0	
GIGS			S	Sg	14 00 26.6	+0.8	
EL6	Elcito	0.53 355	S	Pb	14 00 21.5	+0.4	
EL6			S	Sb	14 00 29.7	0.0	

ROM 03 14:00:44.0, 1.02, 591N, 0004:13'22.2E, 0.004, h13km, ML1.777, 14C-2D, Error ellipse: s-maj=0.4km s-min=0.2km az=16.0, Central ID

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	ISC	Time Res
RM33	Pellegrina	0.08 184	Op	ISC	14 00 47.6	+0.3	
RM33			P	Pg	14 00 49.4	0.0	
RM33			S	Sg			
RM33	comp=E, 425um, 0.3s		AML	AML			
RM33	comp=N, 380um, 0.5s		AML	AML			
RM33	comp=E, 396um, 0.3s		AML	AML			
RM33	comp=E, 425um, 0.3s		AML	AML			
RM33	comp=N, 388um, 0.3s		AML	AML			
RM33	comp=N, 380um, 0.5s		AML	AML			
SMA1	SAN MARTINO	0.09 65	Op	Pg	14 00 47.9	+0.5	
SMA1	SAN MARTINO	0.09 65	Op	Pg	14 00 47.9	+0.5	
SMA1			S	Sg	14 00 50.0	+0.4	
SMA1	comp=N, 955um, 0.1s		AML	AML			
SMA1	comp=E, 2050um, 0.5s		AML	AML			
T1218	Civita (PG)	0.11 315	Op	Pg	14 00 47.9	+0.2	
T1218			S	Sg	14 00 49.9	-0.1	
T1218	comp=E, 314um, 0.4s		AML	AML			
T1218	comp=N, 694um, 0.2s		AML	AML			
T1218	comp=E, 318um, 0.4s		AML	AML			
T1218	comp=N, 692um, 0.2s		AML	AML			
T1218	comp=N, 694um, 0.2s		AML	AML			
LNSS	Leonessa	0.14 275	Op	Pg	14 00 48.4	+0.4	
LNSS			S	Sg	14 00 51.0	+0.6	
LNSS			AML	AML			
LNSS	comp=E, 322um, 0.1s		AML	AML			
LNSS	comp=N, 454um, 0.5s		AML	AML			
LNSS	comp=E, 322um, 0.1s		AML	AML			
LNSS	Leonessa	0.14 275	Op	Pg	14 00 48.4	+0.4	
T1243	Rocca Santa Ma	0.20 58	Op	Pg	14 00 49.2	+0.3	
T1243	Rocca Santa Ma	0.20 58	Op	Pg	14 00 49.2	+0.3	
T1243			S	Sg	14 00 52.3	+0.3	
NRCA	Norcia	0.26 342	P	Pg	14 00 50.2	+0.4	
NRCA			S	Sg	14 00 54.2	+0.7	
NRCA	comp=E, 1154um, 0.4s		AML	AML			
NRCA	comp=E, 277um, 0.1s		AML	AML			
NRCA	comp=N, 243um, 1.5s		AML	AML			
NRCA	comp=N, 906um, 0.4s		AML	AML			
NRCA	Norcia	0.26 342	P	Pg	14 00 50.2	+0.4	
TERO	Teramo	0.28 83	Op	Pg	14 00 50.6	+0.3	
TERO			S	Sg	14 00 55.0	+0.7	
TERO	comp=N, 79um, 0.7s		AML	AML			
TERO	comp=E, 103um, 0.3s		AML	AML			
TERO	Teramo	0.28 83	Op	Pg	14 00 50.6	+0.3	
GIGS	Gran Sasso	0.29 119	Op	Pg	14 00 50.8	+0.3	
GIGS			S	Sg	14 00 55.3	+0.7	
GIGS	Gran Sasso	0.29 119	Op	Pg	14 00 50.8	+0.3	
T1241	Roccellavione, M	0.31 30	Op	Pg	14 00 51.1	+0.4	
T1241	Roccellavione, M	0.31 30	Op	Pg	14 00 51.1	+0.4	
MMO1	Montemonaco	0.32 14	P	Pg	14 00 51.4	+0.4	
MMO1			S	Sb	14 00 56.6	-0.6	
MMO1	Montemonaco	0.32 14	P	Pg	14 00 51.4	+0.4	
MC2	Monte Cornacci	0.32 356	P	Pg	14 00 51.6	+0.5	
FIAM	Fiamignano	0.33 194	Op	Pg	14 00 51.7	+0.5	
FIAM			S	Sg	14 00 56.8	-0.7	
FIAM	Fiamignano	0.33 194	Op	Pg	14 00 51.7	+0.5	
T1215	Vallo di Nera, 1	0.34 309	P	Pg	14 00 51.6	+0.3	
T1215	Vallo di Nera, 1	0.34 309	P	Pg	14 00 51.6	+0.3	
T1215			S	Sb	14 00 56.8	-0.9	
T1256	Bolognola (MC)	0.41 0	S	Sb	14 00 60.0	-0.1	
T1256	Bolognola (MC)	0.41 0	S	Sb	14 00 60.0	-0.1	
FDMO	Fiordimonte	0.46 347	P	Pg	14 00 52.7	-0.8	
FDMO	Fiordimonte	0.46 347	P	Pg	14 00 52.7	-0.8	
FDMO	comp=E, 358um, 0.1s		AML	AML			
FDMO	comp=N, 360um, 0.1s		AML	AML			
CESX	Cesi	0.47 272	S	Sg	14 00 60.0	-0.1	
CESX	Cesi	0.47 272	S	Sg	14 00 60.0	-0.1	
T1219	Muccia, Frazio	0.49 341	P	Pg	14 00 54.3	+0.2	
T1219	Muccia, Frazio	0.49 341	P	Pg	14 00 54.3	+0.2	
CSP1	Cessapalombo	0.50 359	Op	Pb	14 00 54.9	-0.4	
CSP1	Cessapalombo	0.50 359	Op	Pb	14 00 54.9	-0.4	
SNTG	Esanatoglia	0.69 343	S	Sg	14 01 05.0	-2.1	
SNTG	Esanatoglia	0.69 343	S	Sg	14 01 05.0	-2.1	

BUL 03 14:04:05.4, 0.9, 261°02S, 28.87E, h36km, 9km, MD4.1 EAF 03 14:04:01.8, 3.0, 2536S, 28.87E, h10km, 47km, MD3.8, South Africa

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	ISC	Time Res
LBTB	Labatse	3.10 287	Op	ISC	14 04 52.3	+1.3	
LBTB	Labatse	3.10 287	Op	ISC	14 05 37.5	+2.8	
LBTB	Labatse	3.10 287	Op	ISC	14 05 32.3	+1.3	
MOPA	Mopani	3.34 44	P	Pb	14 05 55.3	+1.1	
MOPA	Mopani	3.34 44	P	Pb	14 05 30.1	-0.1	
MUSN	Musina, Limpop	3.77 14	P	Pb	14 05 01.8	+1.8	
MUSN	Musina, Limpop	3.77 14	P	Pb	14 05 01.8	+1.8	
BOSA	Boshof	4.16 230	P	Pb	14 05 05.7	+0.2	
BOSA	Boshof	4.16 230	P	Pb	14 05 05.7	+0.2	
BOSA	Boshof	4.16 230	P	Pb	14 05 49.8	-4.6	

IDC 03 14:05:24.9, 1.9, 36°14N, 142°11E, h0km, mb3.5/5, mbtmp3.7/9, ML3.4/4, MS4.4/2, Error ellipse: s-maj=43.7km s-min=20.0km az=61.0

JMA 03 14:05:28.4, 0.2, 36°2N, 0°5.1, 2'E, h63km, 0km, MV3.4/3S, FAR E OFF, IBARAKI PREFE

ISC 03 14:05:27.6, 4.0, 36°11N, 0°05.1, 42E, 0.048, h16km, 26km, n27, c124/28, mb3.5/5, Off east coast of Honshu

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	ISC	Time Res
CHOU	Chosi	1.03 247	P	Pb	14 05 46.9	-0.1	
CHOU			S	Sb	14 06 06.0	+0.3	
JHYU	Hitachinakayam	1.18 281	P	eS	14 05 48.4	-1.1	
JHYU			S	Pb	14 06 03.3	-1.4	
JIHU	Itakohorinouch	1.22 264	P	Pb	14 05 49.6	-0.4	
JIHU			S	Pb	14 06 05.6	-0.2	
JHO	Hitachi	1.27 293	P	Pb	14 05 48.8	-1.9	
JFK	Kawachi	1.56 324	P	Pb	14 05 53.1	-1.5	
BSO1	Boso 1	1.69 211	P	Pb	14 05 48.4	-1.1	
BSO1			S	Pb	14 06 19.1	+0.4	
BSO3	Boso 3	1.80 224	P	Pb	14 05 58.1	+0.4	
BSO3			S	Pb	14 06 21.9	-0.3	
JMM	Marumori	2.01 331	P	Pb	14 05 59.2	-1.6	
JAG	Ashikaga	2.10 279	P	Pb	14 06 01.1	-1.0	

JFY	Yaizu	2.27 305	P	Pn	14 06 04.5	+0.1
MJAR	Matsushiro Arr	3.11 279	Pn	Pn	14 06 15.9	-0.1
MJAR			Sn	Sn	14 06 53.5	+0.7
JHJ	Hachiojima 2	3.51 212	Pn	Pn	14 06 21.3	-0.2
JHJ			Sn	Sn	14 07 00.2	-2.5
JCJ	Chichijima	8.99 179	Pn	Pn	14 07 34.2	-2.6
KRSR	Korea Array	11.39 281	Pn	Pn	14 08 11.8	+2.3
HEH	Heihe	17.65 328	eP	P	14 09 33.4	-0.2
NJ2	Nanjing	19.60 265	eP	P	14 09 55.7	+0.6
H1N2	WAKE ISLAND Hy 27.26 120	T	T	14 39 48.6		
H1N1	WAKE ISLAND Hy 27.27 120	T	T	14 39 49.2		
H1N3	WAKE ISLAND Hy 27.28 120	T	T	14 39 50.0		
H1S1	WAKE ISLAND Hy 27.95 122	T	T	14 40 44.2		
H1S3	WAKE ISLAND Hy 27.95 122	T	T	14 40 36.6		
H1S2	WAKE ISLAND Hy 27.97 122	T	T	14 40 35.7		
SOMM	Songmo Array	28.71 305	P	P	14 11 24.9	+0.9
ZALV	Zalesovo Beam	42.90 313	P	P	14 13 24.4	-0.7
MKAR	Makanaki Array	45.03 303	P	P	14 13 42.0	-0.4
WRA	Warramunga Arr	56.22 189	P	P	14 15 06.7	-0.3
WRA			LR	LR	14 39 23.9	
ASAR	Alice Springs	59.95 189	P	P	14 15 34.7	+1.6
ASAR			LR	LR	14 39 54.1	

BUL 03 14:11:08.0, 6.0, 22°26S, 175°91W, h143km, mb5.3/56, mB5.5/37

NOU 03 14:11:11.0, 22°58S, 175°89W, h165km, ML5.4/152, Tonga Islands Region

MOS 03 14:11:12.1, 1.1, 22°44S, 176°71W, h155km, mb5.3/22, Error ellipse: s-maj=9.2km s-min=8.7km az=133.3

ISC-EH 03 14:11:12.3, 0.2, 22°5S, 176°33W, h157km, 1km, Error ellipse: s-maj=3.2km s-min=2.1km az=128.0

NEIC 03 14:11:12.0, 2.7, 22°64S, 0°9, 176°3W, 0.1, h155km, 1km, mb5.4/11, Mw5.5/21, Error ellipse: s-maj=16.8km s-min=15.6km az=73.0, Moment Tensor Solution.

Moment tensor: Scale 10¹⁷Nm; Mr1.28; Mw1.42; Mw0.15; Ms0.16; Ms1.123; Ms1.12; Fault plane solution: M2.150000x10¹⁷ Np1.29, 270000°, 862.530000°, 1.46.550000°. NP2.262, 310000°, 849.900000°, 1.42.910000°.

Principal axes: T: 2.1542, P1g51.000°, Azm248.00000°, P1g7.0000°, Azm149.0000°, Azm53.00000°, P: 2.1458, P1g7.0000°, Azm149.0000°.

IDC 03 14:11:22.8, 0.7, 22°43S, 176°66W, h151km, 5km, mb4.9/34, mbtmp5.3/34, MS4.1/30, Error ellipse: s-maj=10.7km s-min=8.8km az=156.0

GCMT 03 14:11:16.0, 0.1, 22°62S, 0°0.1, 176°13W, 0.01, h166km, MW5.5/155, Moment Tensor Solution.

s136, c217; s155, c279; Duration: 1s; Moment tensor: Scale 10¹⁷Nm; Mr0.80±0.02; Mw1.51±0.03; Mw0.70±0.03; Ms0.27±0.02; Ms0.10±0.07; Ms1.28±0.02; Best double couple: M1.99100x10¹⁷ Np1.29, 270000°, 872.000000°, 1.46.000000°. NP2.268, 300000°, 847.000000°, 1.55.000000°.

Principal axes: T: 2.0680, P1g44.0000°, Azm262.00000°, N: 1.9520, P1g42.0000°, Azm52.00000°. P: 1.9130, P1g16.0000°, Azm157.00000°. nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 03 14:11:11.5, 0.4, 22°59S, 0°0.4, 176°22W, 0.04, h152km, 2km, h152km; pP-P, n1155, c1965/1195, mb5.3/122, 92C-57D, South of Fiji Islands

Code	Station Name	Δ° AZ°
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3d 14h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MLZ Mavora Lakes, HNR Honiara, DCZ Deep Cove, etc.

2016 DEC

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BBOO Bucklebo, BBOO Oodnadatta, BBOO Mulla Mulla, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KAPI PLAI, KAPI TOLIZ, KAPI TOLIT, etc.

3d 14h

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like P33M Teslin, H21K Melozitna Rive, N31M Graeburn, etc.

2016 DEC

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

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Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, SHLS Shalkoe, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like MKAR, ASAR, H1S13, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like BPAW, KTH, H23K, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CMAR, KSRS, MKAR, etc.

2016 DEC

3d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRWZ, POWZ, BFZ, RPZ, ARZC, etc.

IDC 03 20:55:06.57, 2.430S, 127.43E, h275km, g3km, mb2.6/2, mbtmp3.3/4, Error ellipse: s-maj=111.8km

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

IDC 03 20:59:33.726, 0.2251S, 179.97E, h466km, 268km, mb3.5/3, mbtmp4.4/3, Error ellipse: s-maj=145.2km

NEIC 03 20:59:37.9, 1.4, 23.7S, 0.1, 179.9W, 0.2, h523km, g3km, mb4.2/17, Error ellipse: s-maj=28.4km s-min=20.4km

ISC 03 20:59:36.9, 1.0, 23.7S, 0.1, 179.9W, 0.2, h500km, n34, 0.180/34, mb4.2/11, Phase of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSVF, OUZ, BKZ, ARMA, EIDS, CTAO, STKA, STKA, BBOO, AS31, ASAR, ASAR, WRO, WRO, WB2, WB2, WRA, WRA, WRA, MTN, MTN, KNRA, KNRA, MBWA, MBWA, MORV, TOLIZ, TOLIZ, GSPA, MAFS, AKASG, AKAB, BRTR, etc.

Table with columns: BRTR, EKA, BUR08, BURAR, GLL, CDD, RDO. Includes station names and coordinates.

ROM 03 21:03:33.5, 0.1, 42.813N, 0.003, 13.140E, 0.004, n10km, ML1.8/15, 9C-6D, Error ellipse: s-maj=0.3km

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

MMOT 03 21:03:33.5, 0.1, 42.813N, 0.003, 13.140E, 0.004, n10km, ML1.8/15, 9C-6D, Error ellipse: s-maj=0.3km

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMA, GUMA, GUMA, RM33, RM33, RM33, etc.

TIR 03 21:04:23.3, 36.94N, 22.00E, h15km, M4.8, IDC 03 21:04:22.0, 5.38N, 22.05E, h3km, mp4.5/29, mbtmp4.4/4, ML3.8/15, MS3.8/56, Error ellipse: s-maj=10.7km s-min=9.7km az=29.0

HLW 03 21:04:32.4, 38.27N, 22.44E, h10km, 22km, M4.8, MOS 03 21:04:32.9, 1.0, 38.15N, 21.98E, h12km, mb4.9/34, Error ellipse: s-maj=5.3km s-min=3.4km az=94.4

ISH 03 21:04:33.3, 38.16N, 22.11E, h5km, ML4.2/27, ISC-EH 03 21:04:35.5, 38.11N, 22.03E, h15km, Error ellipse: s-maj=2.1km s-min=1.8km az=22.0

MED_RC 03 21:04:35.0, 0.4, 38.07N, 22.12E, h13km, g9km, MW4.7/16, Moment Tensor Solution, Mantle waves: s16, c23, Duration: 11 Moment tensor: Scale 10^15Nm, M=0.02, M1=0.20, M2=0.07, M3=0.13, M4=0.08, M5=1.53, 1.48, M6=0.31, 0.7, M7=0.24, 2.2, Best double couple: M1: 5.8000x10^16 Np1: 98.00000, 887.00000, lambda: 99.00000, NP2: 350.00000, 810.00000, lambda: 18.00000, Principal axes: T: 1.6900, Plg41.0000, Azm196.0000, N: -0.2200, Plg9.0000, Azm98.0000, P: -1.4700, Plg47.0000, Azm358.0000, nsta1 refers to body waves, nsta2 refers to surface waves, cutoff=35s.

PDG 03 21:04:35.2, 0.6, 38.18N, 21.96E, h12km, ML4.3/13, Error ellipse: s-maj=0.8km s-min=0.6km az=90.0

ATH 03 21:04:36.0, 38.09N, 21.96E, h14km, ML4.7/11, Error ellipse: s-maj=1.0km s-min=0.7km az=281.0

THE 03 21:04:36.0, 38.09N, 21.98E, h15km, ML4.7/18, Error ellipse: s-maj=0.7km s-min=0.4km az=342.0

NEIC 03 21:04:36.0, 1.6, 38.11N, 20.22E, 0.07, h18km, 3km, mb4.9/88, Mw4.5/32, ML4.7(ATH), ML4.7(TH), Error ellipse: s-maj=7.9km s-min=5.4km az=65.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm, M=6.38, M1=4.25, M2=2.13, M3=4.19, M4=3.02, M5=1.19, Fault plane solution: M7: 73000x10^15 Np1: 114.76000, 362.19000, lambda: 99.96000, NP2: 315.38000, 329.41000, lambda: 71.84000, Principal axes: T: 7.6216, Plg17.0000, Azm212.0000, N: 0.2128, Plg9.0000, Azm119.0000, P: -7.8343, Plg71.0000, Azm3.0000

ISC 03 21:04:35.1, 0.6, 38.09N, 0.01, 21.98E, 0.01, h17km, 2km, n811, r1932/903, mb4.9/108, MS3.9/53, 36C-38D, Greck

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

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SERG, Efpalio, Rioliol of Patr, Ano Chora, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ANOYIA, BALCOVA, BUCOVINA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BRTT, BSZS, SWAZ, etc.

3d 21h

Table with columns: Name, Frequency, Band, Mode, Power, etc. Includes entries like GERES GERESS Array B, DAVOX Davos/Dischmat, RETA Reutte, etc.

2016 DEC

Table with columns: Name, Frequency, Band, Mode, Power, etc. Includes entries like MNK comp=E,47nm,14.3s, MNK Minsk, MNK comp=N,33nm,1.0s, etc.

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Table with columns: Name, Frequency, Band, Mode, Power, etc. Includes entries like PESTR comp=Z,62nm,1.9s, EDMO Edmundbyers, FINES FINES Array B, etc.

Table with columns for station name, frequency, power, and status. Includes stations like DBIC Dimbokro, TIC Toumoudi, AAK Ala-Archa, etc.

Table with columns for station name, frequency, power, and status. Includes stations like YAK Yakutsk, CD2 Chengdu, BOS Boshof, etc.

Table with columns for station name, frequency, power, and status. Includes stations like I29M Ogilvie Camp, I27K Kandik River, NJ2 Nanjing, etc.

3d 21h

Table with columns: Call Sign, Station Name, Frequency, Class, Mode, and other details. Includes stations like JWFS Jewell Farm, TRF Thorofare Moun, DHY Denali Highway, etc.

2016 DEC

Table with columns: Call Sign, Station Name, Frequency, Class, Mode, and other details. Includes stations like ISCO Idaho Springs, WMOK Wichita Mountain, Q24A Divide, etc.

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Table with columns: Call Sign, Station Name, Frequency, Class, Mode, and other details. Includes stations like WTVZ West Tongariro, KWHZ Kaweka Forest, TWVZ Tauewa, etc.

NEIC 03 22:57:03.8, 1.4, 53.9S; 0.1; 133.7W; 0.2, h10km, 1km, mb5.2/86, Error ellipse: s-maj=24.8km s-min=18.4km az=333.0
 ISC-EH 03 22:57:03.1, 53.98S; 133.76W, h10km, Error ellipse: s-maj=7.1km s-min=4.7km az=166.0
 BUJ 03 22:57:04.0, 0.0, 54.400S; 133.90W, h20km, mb5.1/2, Ms5.3/4, Ms7.4/9/5
 GCMT 03 22:57:06.8, 0.1, 54.12S; 0.01; 133.91W; 0.01, h15km, Mw5.4/134, Moment Tensor Solution. s96, c148; s134, c232; Duration: f12 Moment tensor: Scale 1017 Nnt; Mn=0.19; M2=0.06; M3=0.02; M4=0.04; M5=0.01; M6=0.02; M7=0.02; M8=0.02; M9=0.02; M10=0.02; M11=0.02; M12=0.02; M13=0.02; M14=0.02; M15=0.02; M16=0.02; M17=0.02; M18=0.02; M19=0.02; M20=0.02; M21=0.02; M22=0.02; M23=0.02; M24=0.02; M25=0.02; M26=0.02; M27=0.02; M28=0.02; M29=0.02; M30=0.02; M31=0.02; M32=0.02; M33=0.02; M34=0.02; M35=0.02; M36=0.02; M37=0.02; M38=0.02; M39=0.02; M40=0.02; M41=0.02; M42=0.02; M43=0.02; M44=0.02; M45=0.02; M46=0.02; M47=0.02; M48=0.02; M49=0.02; M50=0.02; M51=0.02; M52=0.02; M53=0.02; M54=0.02; M55=0.02; M56=0.02; M57=0.02; M58=0.02; M59=0.02; M60=0.02; M61=0.02; M62=0.02; M63=0.02; M64=0.02; M65=0.02; M66=0.02; M67=0.02; M68=0.02; M69=0.02; M70=0.02; M71=0.02; M72=0.02; M73=0.02; M74=0.02; M75=0.02; M76=0.02; M77=0.02; M78=0.02; M79=0.02; M80=0.02; M81=0.02; M82=0.02; M83=0.02; M84=0.02; M85=0.02; 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Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
CAN	CANberra	55.19	256	P	I	Amb	P	23	06	36.0	-0.3
PB15	IPOC Station P	56.48	84	P	I	Amb	P	23	06	45.7	-0.2
PB06	IPOC Station P	56.81	83	P	I	Amb	P	23	06	47.9	-0.3
ARMA	Armidale	57.20	262	P	I	Amb	P	23	06	50.7	-0.2
PB03	IPOC Station P	57.21	83	P	I	Amb	P	23	06	50.8	-0.2
LVC	Limor Verde	57.27	84	LR	LR		P	23	06	52.3	
LVC	Limor Verde	57.27	84	LR	LR		P	23	06	52.1	+0.5
PB07	IPOC Station P	57.38	82	P	I	Amb	P	23	06	52.3	+0.1
PB09	IPOC Station P	57.70	83	P	I	Amb	P	23	06	54.3	+0.3
MAW	Mawson	58.09	187	LR	LR		P	23	06	54.7	+0.2
MAW	Mawson	58.09	187	LR	LR		P	23	06	56.5	+0.2
PB01	IPOC Station P	58.14	82	P	I	Amb	P	23	06	57.4	-0.1
PB08	IPOC Station P	59.04	82	P	I	Amb	P	23	07	04.2	+0.1
PB11	IPOC Station P	59.04	81	P	I	Amb	P	23	07	03.8	-0.1
ITOB	Itaqi	59.19	99	P	I	Amb	P	23	07	04.6	0.0
GO01	Chusmiza	59.98	81	P	I	Amb	P	23	07	06.6	0.0
PLTB	Pedras Altas	59.40	103	P	I	Amb	P	23	07	04.7	-1.3
MINMC	Minye Minye	59.57	81	P	P		P	23	07	07.2	-0.5

3d 23h

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

2016 DEC

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

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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

JMA 03 23:05:44.3: 0.3, 24°N: 1' × 12°E: 1', h2km, TAIWAN REGION
TAP 03 23:05:46.2, 24°14'N: 121°68'E, h10km, ML3.3
ISC 03 23:05:46.0: 0.8, 24°11'N: 0.02, 121.71E: 0.02, h11km, 5km,
n105, e0976/146, 2C-15D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EDH, WCKO, WRL, YOJ, etc.

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1245, T1245, T1245, etc.

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1211, T1211, T1211, etc.

ROM 03 23:16:06.6:0.0,42.729N,0.002:13.167E,0.002, h10km,ML2.2/21.9C-13D,Error ellipse: s-maj=0.3km s-min=0.1km az=57.0,Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1218, T1218, T1218, etc.

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1215, T1215, T1215, etc.

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T1219, T1219, T1219, etc.

Table with columns: MHCZ, KWHZ, NNVZ, WTVZ, TWVZ, etc. and corresponding station names and coordinates.

TAP 03 23:41:37.0, 24:11N; 121:71E, h10km, ML3.1, C JMA 03 23:41:40.8, 0.5, 24 N; 121.7, 1.2 E; h0km, TAIWAN

REGION

ISC 03 23:41:37.2, 0.9, 24:13N; 0:02, 121:75E; 0:02, h7km; 7km, n106, 0.066/134, 3C-16Z, Taiwan

Main table for the left column containing station codes, names, and various data points.

Main table for the middle column containing station codes, names, and various data points.

Main table for the right column containing station codes, names, and various data points.

4d 1h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H11S1 WAKE ISLAND Hy 24.60 107 T, W11S2 WAKE ISLAND Hy 24.62 107 T, WRA Warramunga Arr 47.97 190 P, etc.

IDC 03 23:55:57.2, 6.2, 20.87S, 177.96W, h378km, 50km, mb3.0/5, mbmp3.8/6, Error ellipse: s-maj=119.7km s-min=20.3km az=150.0

ISC 03 23:55:59.8, 1.2, 20.6S, 0.3x178.2W, 0.2, h400km, n9, 0.079/10, mb3.4/5, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu 4.55 308 P, ASAR Alice Springs 44.34 257 P, WRA Warramunga Arr 44.43 262 P, etc.

NEIC 04 00:05:55.2, 1.7, 18.6N, 0.1x145.6E, 0.3, h170km, 10km, mb4.2/18, Error ellipse: s-maj=35.6km s-min=15.3km az=94.0

IDC 04 00:05:55.6, 2.6, 18.71N, 145.67E, h181km, 26km, mb3.1/8, mbmp3.7/9, Error ellipse: s-maj=28.7km s-min=16.9km az=97.0

ISC-EH 04 00:05:57.8, 18.63N, 145.59E, h200km, Error ellipse: s-maj=12.5km s-min=7.5km az=112.0

ISC 04 00:05:57.4, 0.7, 18.58N, 0.08x145.6E, 0.2, h200km, n36, 0.088/35, mb4.0/18, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam 5.01 188 P, H11S1 WAKE ISLAND Hy 20.02 87 T, W11S1 WAKE ISLAND Hy 20.03 87 T, etc.

IDC 04 00:07:25.5, 1.2, 13.71N, 123.47E, h0km, mb3.7/6, mbmp3.7/6, MS3.5/3, Error ellipse: s-maj=65.2km s-min=19.3km az=63.0

MAN 04 00:07:27.1, 13.89N, 123.44E, h2km, mb4.7, ML3.6, MS3.5 ISC 04 00:07:26.6, 1.3, 13.77N, 0.03x123.44E, 0.03, h1km, 9km, n32, c142/40, mb3.6/6, 11C-7D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSH Kashi 1.02 37 P, KSH Kashi 0.17 37 S, KSH Kashi 0.17 37 S, etc.

2016 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PVPC Virac 0.72 104i eP, AUQP San Andres 0.86 239j eP, JONP Jose Panganiba 0.89 306i eP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr 35.18 162 P, SONM Sogingo Array 36.81 341 P, ASAR Alice Springs 38.59 165 P, etc.

IDC 04 00:11:52.3, 2.8, 6.84N, 127.51E, h0km, mb3.1/3, mbmp3.1/3, MS3.2/1, Error ellipse: s-maj=189.5km s-min=30.6km az=67.0, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr 27.45 166 P, ASAR Alice Springs 30.95 169 P, NWAO Narogin (SRO) 40.74 193 LR, etc.

HEL 04 00:39:59.8, 0.0, 67.82N, 20.19E, h0km, ML1.2, ML0.9(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KUA Kuravaara 0.15 22 iP, KUA Kuravaara 0.15 22 iS, KUA Kuravaara 0.15 22 iS, etc.

UPP 04 00:40:38.6, 0.0, 67.85N, 20.21E, h0km, ML2.3, Explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KUA Kuravaara 0.12 25 P, KUA Kuravaara 0.12 25 S, KUA Kuravaara 0.12 25 S, etc.

IDC 04 01:03:34.6, 0.8, 38.77N, 75.40E, h0km, mb4.0/21, mbmp4.0/27, ML3.3/6, MS3.1/10, Error ellipse: s-maj=15.4km s-min=13.6km az=166.0

BUI 04 01:03:39.0, 0.0, 38.97N, 75.27E, h15km, mb4.3/7, mb4.3/4, ML4.3/6, Ms4.0/3, Ms7.3/8/3

SOME 04 01:03:41.2, 39.18N, 75.38E, h0km, MS3.4 ISC 04 01:03:36.4, 0.4, 38.70N, 0.03x75.18E, 0.03, h10km, n123, c1996/156, mb4.1/31, MS3.3/6, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSH Kashi 1.02 37 P, KSH Kashi 0.17 37 S, KSH Kashi 0.17 37 S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UCH Uchtor 3.56 352 P, AML Almayashu 3.61 342 P, ULHL Ushlo 3.63 13 P, KBK Karagaybulak 3.95 358 P, etc.

4d 1h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like FETA, DAVA, FUORN.

JMA 04 01:09:35.5, 0.1, 24.82N, 0.3, 122.0E, 0.3, h81km, 1km, MV2.0/8, TAIWAN REGION

Main table of station data for Taiwan region, including stations like TWB1, TIPB, SX11, etc.

2016 DEC

Table of station data for the 2016 DEC period, including stations like WCS, WDJ, WDW, etc.

WEL 04 01:18:52.0, 5.42, S14 x 17.4E, h10km, 3km, M3.2/32, ML3.6/16, MLv3.2/32, Error ellipse: s-maj=0.0km

Main table of station data for the WEL event, including stations like KHZ, BSWZ, GVV, etc.

IDC 04 01:31:41.2, 0.8, 40.31S, 91.78W, h0km, mb4.2/11, mbtmp, 3/12, ML4.0/1, MS3.8/36, Error ellipse: s-maj=25.2km

ISC-EH 04 01:31:42.8, 40.31S, 91.80W, h10km, Error ellipse: s-maj=6.2km

NEIC 04 01:31:43.6, 2.2, 40.34S, 10.91W, h10km, mb4.5/55, Error ellipse: s-maj=22.3km

GCMT 04 01:31:45.6, 0.4, 40.31S, 02.91W, 0.03, h2km, 1km, MW4.9/86, Moment Tensor Solution, s16, c17, s86, c105

ISC 04 01:31:43.4, 0.6, 40.32S, 008.9170W, 0.10, h10km, n149, s099/106, mb4.5/26, MS3.9/37, West Chile Rise

Table of station data for the ISC event, including stations like H03S2, H03S1, etc.

198

Main table of station data for the 198 event, including stations like G007, LL07, LL01, etc.

4d 3h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TUWZ Tuamarina, TCW Tory Channel, and many others.

2016 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MLZ Mavora Lakes, WYZ Waipū Cavas, and many others.

200

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WRKO Warramunga Arr, WYAK Wairakura, and many others.

4d 3h

2016 DEC

202

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARK Arkit, ULHL Ulahol, AAK Ala-Archa, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MDOK Medeo, KNDK Almaty, KURB Kurchatov, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like THW Thamme Wali, MAKZ Makanchi, KURK Kurchatov, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
FINES	comp=2.2,0nm,0.4s										
IDI	Anoyia	39.02 280	P	P	03 34 49.4	+0.6					
	comp=2.6,5nm,0.9s,baz=30,slow=14,SNR=2.2										
ARCES	ARCCESS Array B	39.60 336	P	P	03 34 54.0	+0.9					
	comp=2.5,4nm,0.9s,baz=104,slow=9.8,SNR=7.1										
HFS	Hagfors	42.50 320	P	P	03 35 16.9	-0.2					
	comp=2.8nm,0.5s,baz=95,slow=11,SNR=19										
GERES	GERESS Array B	43.44 303	P	P	03 35 26.8	+1.8					
	comp=2.0,2nm,0.6s,baz=34,slow=11,SNR=2.7										
NB2	NORSAR Subarra	43.73 321	P	P	03 35 26.6	-0.5					
	comp=2.2,8nm,0.7s,baz=91,slow=7.9										
NOA	NORSAR Array B	43.73 321	P	P	03 35 26.3	-0.8					
	comp=2.2,1nm,0.7s,baz=91,slow=7.9,SNR=12										
NOA				LR	03 34 54.28						
	comp=2.27nm,19.0s,baz=345,slow=37										
DAVOX	Davos/Dischmet	46.41 301	P	P	03 35 49.9	+1.0					
	comp=2.1,7nm,0.6s,baz=53,slow=5.1,SNR=4.0										
KMBO	Kilima Mbogo	52.54 229	P	P	03 36 37.5	+1.5					
	comp=2.0,7nm,0.6s,baz=34,slow=11,SNR=2.4										
ESDC	Sonsec Array	58.55 298	P	P	03 37 16.8	-0.8					
	comp=2.0,5nm,0.6s,baz=60,slow=6.9,SNR=7.7										
INK	Inuvik	70.75 11	P	P	03 38 36.5	-1.3					
	comp=2.1,5nm,0.6s,baz=334,slow=5.1,SNR=5.3										
ILAR	Eielson Array	71.41 17	P	P	03 38 39.6	-2.3					
	comp=2.0,9nm,0.8s,baz=303,slow=3.3,SNR=4.7										
LBTB	Loblatse	78.41 224	LR	LR	04 13 53.8						
	comp=2.280nm,21.0s,baz=154,slow=36										
WRA	Warramunga Arr	81.41 124	P	P	03 39 36.3	-2.9					
	comp=2.5,5nm,0.6s,baz=329,slow=4.6,SNR=5.6										
WRA	Warramunga Arr	81.41 124	iP	P	03 39 37.0	-2.2					
	comp=2.0,4nm,0.6s,baz=317,slow=5.2,SNR=2.9										
ASAR	Alice Springs	83.86 127	P	P	03 39 49.1	-2.9					
	comp=2.0,4nm,0.6s										
ULM	Lac du Bonnet	92.47 354	LR	LR	04 22 38.8						
	comp=2.203nm,19.9s,baz=312,slow=37										
SADO	Sadowa	92.95 341	LR	LR	04 26 53.7						
	comp=2.223nm,18.3s,baz=225,slow=38										

ISC-EH 04 03:29:55.4, 0.315x127.17E, h88km, 3km, Error ellipse: s-maj=7.0km s-min=4.5km az=65.0

NEIC 04 03:29:55.8, 1.6, 0.32S, 0.07x127.10E, 0.06, h84km, 7km, mb4.2/13, Error ellipse: s-maj=10.4km s-min=8.4km az=192.0

ISC 04 03:29:56.3, 1.6, 0.26S, 127.18E, h98km, 14km, mb4.1/22, mbmp4.4/24, MS4, S/2, Error ellipse: s-maj=16.5km s-min=10.9km az=71.0

DJA 04 03:29:56.7, 0.2, 0.2, 2x127.17E, h49km, 7km, M4, 7/19, mb5.0/9, mB5.3/6, MLV4.6/19, Mw(mb)4.7/6

ISC 04 03:29:56.0, 4.0, 0.30S, 0.05x127.11E, 0.05, h100km, h86, 1/147/98, mb4.4/27, Halmaera

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
LBMI	Labuha	0.52 130	P	Op	03 30 09.2	-2.7					
LBTI	Labuha	0.52 130	P	S	03 30 19.6	-4.2					
TNTI	Ternate	1.10 14	Pn	Pn	03 30 15.8	-1.8					
TNTI	Ternate	1.10 14	Pn	Pn	03 30 15.7	-1.8					
TNTI	Ternate	1.10 14	Pn	Pn	03 30 15.1	-3.6					
TNTI	Ternate	1.10 14	Pn	Pn	03 30 15.8	-1.8					
SANI	Sanana	2.06 213	Pn	Pn	03 30 27.5	-1.9					
SANI	Sanana	2.06 213	Pn	Pn	03 30 27.6	-1.9					
NLAI	Namlea	2.92 180	Pn	Pn	03 30 39.8	-0.8					
MSAI	Masohi	3.53 149	Pn	Pn	03 30 50.3	+1.4					
ASAI	Ambon	3.53 162	Pn	Pn	03 30 48.8	-0.1					
SWI	Sorong	4.19 98	Pn	Pn	03 30 57.9	+0.1					
SLJI	Sorong	4.19 98	Pn	Pn	03 30 57.9	0.0					
SLJI	24nm,0.3s,baz=97,slow=18,SNR=24			S	03 31 45.2	-0.7					
SLJI	22nm,0.5s,baz=133,slow=23,SNR=1.1			LR	03 33 10.9						
SGSI	Sangihe	4.26 338	P	P	03 30 58.3	-0.5					
LUWI	Luwuk	4.39 260	Pn	Pn	03 30 60.0	-0.6					
LUWI	Luwuk	4.39 260	Pn	Pn	03 30 59.8	-0.7					
LUWI	Luwuk	4.39 260	Pn	Pn	03 30 59.9	-0.6					
BNDI	Bandarainia	5.04 146	Pn	Pn	03 31 08.8	-0.5					
MRSI	Marisa	5.22 279	Pn	Pn	03 31 10.7	-1.0					
APSI	Ampapa	5.49 264	Pn	Pn	03 31 15.3	-0.1					
FAKI	Fak Fak	5.76 117	Pn	Pn	03 31 18.3	-0.7					
FAKI	Fak Fak	5.76 117	Pn	Pn	03 31 18.7	-0.4					
FAKI	Fak Fak	5.76 117	Pn	Pn	03 31 18.5	-0.6					
TOLSI	Tolitoli	6.48 283	Pn	Pn	03 31 28.2	-0.6					
MUPI	Mapepe	7.24 275	Pn	Pn	03 31 39.6	+0.5					
BNSI	Bone	8.09 240	Pn	Pn	03 31 51.9	+1.1					
SPSI	Sidrap Palu	8.18 244	Pn	Pn	03 31 54.2	+2.2					
BKSI	Butukumba	8.57 234	Pn	Pn	03 31 57.7	+2.4					
KAPI	Kappang	8.71 237	Pn	Pn	03 32 01.2	+2.0					
	95nm,0.4s,baz=69,slow=5.1,SNR=24			S	03 33 31.2	-4.5					
KAPI	Kappang	8.71 237	Pn	Pn	03 31 57.3	-1.9					
KAPI	Kappang	8.71 237	Pn	Pn	03 32 01.4	+2.2					
BSSI	Bau Bahu, Buton	8.79 229	Pn	Pn	03 32 02.5	+2.2					
MYLDM	Lahad Datu	10.18 302	Pn	Pn	03 32 19.1	0.0					
KKM	Kota Kinabalu	12.57 300	Pn	Pn	03 32 52.3	+0.9					
KKM	Kota Kinabalu	12.57 300	Pn	Pn	03 32 55.8	-3.1					
MTN	Manton Dam	13.08 162	Pn	Pn	03 32 55.9	-2.2					
KNRA	Kunururra	15.36 174	Pn	Pn	03 33 25.6	-1.8					
KNRA	Kunururra	15.36 174	Pn	Iamb	03 33 27.1						
KNRA	Kunururra	15.36 174	Pn	Pn	03 33 26.5	-0.9					
WRAB	Tennant Creek	20.76 160	Pn	Iamb	03 34 29.4	+0.4					
WRAB	Tennant Creek	20.76 160	Pn	Iamb	03 34 31.8						
WRAB	Tennant Creek	20.76 160	Pn	Pn	03 34 28.9	-0.1					
WRA	Warramunga Arr	20.76 160	Pn	Pn	03 34 28.7	-0.3					
WRA	Warramunga Arr	20.76 160	Pn	ScP	03 42 03.8	+1.2					
	comp=2.0,9nm,0.9s,baz=333,slow=2.6,SNR=10										
WRA	Warramunga Arr	20.76 160	Pn	Pn	03 34 28.9	-0.2					
WB2	Warramunga Arr	20.76 160	Pn	Iamb	03 34 29.5	+0.4					
WB2	Warramunga Arr	20.76 160	Pn	Iamb	03 34 31.9						
QIS	Mount Isa	23.55 149	P	P	03 34 59.4	+1.8					
AS31	Alice Springs	24.14 165	P	P	03 35 02.9	+0.1					
ASAR	Alice Springs	24.14 165	Pn	Pn	03 35 04.0	+1.1					
	comp=2.9,5nm,0.4s,baz=343,slow=11,SNR=126										
ASAR				PcP	03 38 47.1	+0.1					
	comp=2.0,4nm,0.4s,baz=352,slow=2.0,SNR=6.7										
ASAR				ScP	03 42 12.8	+1.5					
	comp=2.0,8nm,0.5s,baz=339,slow=2.7,SNR=8.9										
ASAR	Alice Springs	24.14 165	P	P	03 35 03.7	+0.9					
JOW	Kunigami	27.00 2	P	P	03 35 29.6	+0.9					
	comp=2.18nm,0.4s,baz=166,slow=9.0,SNR=5.2										
CMAR	Chiang Mai Arr	33.37 305	P	P	03 36 26.8	+1.8					
STKA	Stephens Creek	34.26 158	P	P	03 36 33.4	+0.8					
	comp=2.1,7nm,0.4s,baz=337,slow=9.1,SNR=6.4										
PZH	Panzhihua	36.16 319	P	Pmax	03 36 49.9	+0.8					
	comp=2.10nm,0.5s			Pmax							
PZH				Pmax							
	comp=2.60nm,4.4s			Pmax							
KSAR	Wonju Array Be	37.56 1	P	P	03 37 03.4	+2.8					
KSRS	Korea Array	37.58 1	P	P	03 37 01.5	+0.8					
	comp=2.1,7nm,0.5s,baz=170,slow=9.7,SNR=9.2										
MJAR	Matsushiro Arr	38.08 15	P	P	03 37 03.7	-1.3					
	comp=2.2,3nm,0.4s,baz=190,slow=8.9,SNR=6.7										
HHC	Hu-ho-hao-te	43.33 343	eP	Pmax	03 37 53.3	+5.0					
HHC				Pmax							
	comp=2.19nm,1.0s										

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h
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Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 205 MHz range.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 2016 DEC range.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 4d 4h range.

Code Station Name Az AzZ Phase ID Time Res
MSVF Nonsavu 3.54 283 Op P ISC h m s ISC
ASAR Alice Springs 83.73 127 P P 04 08 47.4 -3.0

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like MDOK Medeo, H23K Yukon River, TNS5 Tian-Shan, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like DZA Taraz, V35K Ketchikan, P32M Atlin, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like ARU Spring Creek, YKA Yellowknife, HLID Hailey, etc.

Additional information and notes at the bottom right, including coordinates and station identifiers like IDC 04 04:56:21.6z, 2.7, 37.18N, 141.166E, etc.

4d 5h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hitachi, Ouri, Shiba, Okura, Matushiro Arr, etc.

ROM 04 05:27.2±0.0, 42:566N±0.003, 13:282E±0.004, h=11km, ML1.5/5, ±1C, Error ellipse: s-maj=0.3km

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAN MARTINO, Pellescritta, Campotosto, etc.

KRSC 04 05:14:03.4±2.1, 48:03N±156.34E, h9km, 42km, ML4.2

IDC 04 05:14:06.0±3.7, 48:15N±154.30E, h70km, 34km, mb3.3/7, mbmp3.7/9, ML3.4/2, Error ellipse: s-maj=32.7km

ISC 04 05:14:02.0±9.4, 48:00N±0.1, 154:5E±0.1, h42km, n33, ±192.3/30, mb3.7/7, Kuril Islands

Table of Kuril Islands stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Severo-Kuril's, Khodutka, Kamc, etc.

2016 DEC

Table of seismic events with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes events like H03N2, H03N1, H03N3, etc.

BJI 04 05:24:02.0±0.0, 4:30N±127.99E, h141km, mb5.3/87, m5.5/367

MAN 04 05:24:03.5, 4:32N±127.86E, h124km, mb6.0, ML5.1, M5.6

MOS 04 05:24:04.8±1.0, 4:53N±127.79E, h156km, mb5.5/53, Error ellipse: s-maj=7.0km s-min=3.9km az=112.9

NEIC 04 05:24:05.4±1.4, 4:51N±127.83E±0.08, h139km, 1km, Mw5.7/289, Mwb5.7/40, Mww5.7, Error ellipse: s-maj=13.5km s-min=9.8km az=67.0, Moment Tensor Solution: Moment tensor: Scale 10^17Nm; Mrr:1.70; Mth:0.64; Mtt:2.34; Mtr:1.14; Mtr:0.83; Mtr:3.64; Fault plane solution: M0:4.30000x10^17 NP1:0.162, 57000°, 0.75, 43000°, 0.87, 80000°. NP2:0.351, 25000°, 0.64, 73000°, 0.93, 40000°. Principal axes: T:3.9421, P:5.0000°, Azm69.0000°, Azm69.0000°. N:0.9429, P:2.0000°, Azm163.0000°, P:4.7917, Plg30.0000°, Azm254.0000°.

UCR 04 05:24:05.6±4.3, 4:51N±127.83E, h139km, mb5.7(NEIC) ISC-EH 04 05:24:06.6, 4:49N±127.82E, h160km, Error ellipse: s-maj=1.7km s-min=1.2km az=71.0

IDC 04 05:24:06.7±0.5, 4:52N±127.87E, h159km, 4km, mb5.3/37, mbmp5.8/42, MS4.4/33, Error ellipse: s-maj=9.4km s-min=5.7km az=72.0

GCMT 04 05:24:07.4±0.1, 4:52N±127.86E±0.01, h162km, Mw5.7/164, Moment Tensor Solution: s149,c282; s164,c362. Duration: 198. Moment tensor: Scale 10^17 Nm; Mrr:17.2; Mtt:10.4; Mtr:0.18; Mtr:0.05; Mtr:1.99; Mtr:0.03; Mtr:0.27; Mtr:0.06; Mtr:4.26; Mtr:0.04; Best double couple: M4.98800x10^17, NP1:0.163, 00000°, 0.78, 00000°, 0.81, 00000°. NP2:0.21, 00000°, 0.85, 00000°, 0.87, 00000°. Principal axes: T:5.2380, Plg56.0000°, Azm62.0000°, N:-0.5060, Plg9.0000°, Azm165.0000°, P:-4.7370, Plg33.0000°, Azm260.0000°. nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

DJA 04 05:24:07.3±0.2, 4:52N±127.86E±, h164km, 1km, M5.5/133, mb5.8/133, mb6.0/112, MLV6.2/14, Mw5.6/114, Mw(ML)5.6/112, Mw(Mw)5.6/65, Mw(5.6/65)

NEIC 04 05:24:10.4±5.0N±127.93E, h159km, Moment Tensor Solution: Duration: 180. Moment tensor: Scale 10^17Nm; Mrr:1.72; Mtt:2.08; Mtr:2.00; Mtr:0.53; Mtr:0.43; Mtr:3.43; Fault plane solution: M0:3.97000x10^17, NP1:0.30, 00000°, 0.87, 00000°. NP2:0.173, 00000°, 0.76, 00000°. Principal axes: T:3.8908, Plg58.0000°, Azm70.0000°, N:0.1583, Plg10.0000°, Azm176.0000°, P:-4.0491, Plg31.0000°, Azm272.0000°.

KLM 04 05:24:11.4±3.2N±127.69E, h103km, mb5.9

ISC 04 05:24:10.2±0.2, 4:47N±127.82E±0.03, h157km±1km, h158km, pp-P, n1505, ±1937/1664, mb5.6/288, 65C-54D, Tald Islands

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sangihe, Don Marcelino, Mati, General Santos, Davao City (W), Davao City (E), Davao City (W), Davao City (W), Davao City (W), Davao City (W), etc.

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Odiiong, Virac, San Jose, Coron, Bataraza, Jose Panganiba, Sapuluan, Lukban, Sidrap Palu, Kota Kinabalu, Kota Kinabalu, Samarinda, etc.

4d 5h

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like WSAR Wadi Sarin, GEYT Alibeck, GYAOB ALIBECK ARRAY, etc.

2016 DEC

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like GROC GROC, A21K Barrow, RAYN Ar Rayn, etc.

212

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like COLA comp=Z,44nm,0.8s, C24K Franklin Bluff, H24K Noodor Dome, etc.

4d 5h

Kest	Kesra	109.98	310	PKKPbc	PKKPbc	05 53 20.0	-0.2
BW06	Boulder Array	110.09	41	P	PKIKP	05 42 20.9	+1.1
PDAR	Pinedale Array	110.09	41	Pdfif	Pdfif	05 38 20.5	+1.7
PDAR	comp=Z,1.2nm,0.6s,baz=104,slow=1.4,SNR=9.8			PKIKP	PKIKP	05 42 19.7	-0.1
PDAR	comp=Z,1.7nm,0.9s,baz=120,slow=5.5,SNR=7.2			PKKPbc	PKKPbc	05 53 19.9	-3.4
PDAR	comp=Z,2.6nm,0.8s,baz=116,slow=6.1,SNR=11			PKKPab	PKKPab	05 53 32.0	-2.5
PDAR	comp=Z,2.6nm,0.8s,baz=116,slow=6.1,SNR=11			PKIKP	PKIKP	05 42 21.2	+1.4
LAO	LASA Array	110.30	36	P	PKIKP	05 42 21.6	+1.8
DGMT	Dagmar	110.53	34	P	PKIKP	05 42 21.9	+1.8
WUAZ	Wupatki	111.83	49	P	PKIKP	05 42 24.7	+1.5
K22A	Casper	112.12	40	P	PKIKP	05 42 23.5	0.0
O20A	White River Ci	112.15	43	P	PKIKP	05 42 24.8	+1.1
RSSD	Black Hills	112.94	38	P	PKIKP	05 42 25.1	-0.1
RSSD	Black Hills	112.94	38	P	PKIKP	05 42 25.6	+0.4
W18A	Petrified Fore	113.22	49	P	PKIKP	05 42 26.8	+0.9
MVCO	Mesa Verde	113.26	46	P	PKIKP	05 42 26.5	+0.6
MDND	Maddock	113.40	33	P	PKIKP	05 42 25.5	-0.1
MDND	Maddock	113.40	33	P	PKIKP	05 42 26.5	+0.9
TDUC	Tucson	113.50	52	P	PKIKP	05 42 27.0	+0.7
ULM	Lac du Bonnet	113.80	29	PKIKP	PKIKP	05 42 25.8	-0.4
ISCO	Idaho Springs	114.10	43	P	PKIKP	05 42 28.2	+0.6
S22A	4UR Ranch, Cre	114.21	45	P	PKIKP	05 42 28.8	+0.9
Q24A	Divide	114.81	43	P	PKPpdf	05 42 29.2	+0.2
SDCO	Great Sand Dun	115.15	45	P	PKIKP	05 42 29.6	0.0
SDCO	Great Sand Dun	115.15	45	P	PKPpdf	05 42 30.2	+0.6
ANMO	Albuquerque	115.73	48	P	PKIKP	05 42 31.6	+0.8
121A	Cookes Peak, D	115.75	51	P	PKIKP	05 42 31.7	+0.9
Y22A	Socorro	115.79	49	P	PKIKP	05 42 31.5	+0.6
SUSD	Miller	115.79	35	P	PKPpdf	05 42 30.8	+0.5
OGNE	Ogallala	115.88	40	P	PKPpdf	05 42 30.7	0.0
T25A	Trinidad	116.20	45	P	PKIKP	05 42 32.4	+0.8
F33A	5 Mile Ranch,	116.43	33	P	PKPpdf	05 42 31.1	-0.3
KSCO	Kaye Shedlock'	116.50	42	P	PKIKP	05 42 32.3	+0.3
EYMN	Ely	117.47	29	P	PKIKP	05 42 33.6	+0.1
ECSO	EROS Data Cent	117.57	35	PKPpdf	PKPpdf	05 42 33.0	-0.7
ECSO	EROS Data Cent	117.57	35	P	PKPpdf	05 42 33.2	-0.6
ECSO	EROS Data Cent	117.57	35	P	PKPpdf	05 42 33.8	0.0
ESDC	Sonsec Array	117.61	319	PKP	PKPpdf	05 42 34.0	0.0
ESDC	comp=Z,0.8nm,0.7s,baz=29,slow=3.4,SNR=6.0			PKKPbc	PKKPbc	05 52 57.3	-0.3
F56A	Milaca	117.89	31	P	PKPpdf	05 42 33.7	-0.6
MNTX	Cornudas Mount	117.94	51	P	PKIKP	05 42 35.4	+0.6
MNTX	Cornudas Mount	117.94	51	P	PKIKP	05 42 35.7	+0.9
BGNE	Belgrade	118.05	38	P	PKPpdf	05 42 34.5	-0.3
BGNE	Belgrade	118.05	38	P	PKPpdf	05 42 34.7	-0.1
E38A	The Farm, Brul	118.38	30	P	PKIKP	05 42 35.9	+0.6
CBKS	Cedar Bluff	118.51	41	PKPpdf	PKPpdf	05 42 35.7	-0.1
CBKS	Cedar Bluff	118.51	41	PKPpdf	PKPpdf	05 42 35.6	-0.1
CBKS	Cedar Bluff	118.51	41	PKIKP	PKPpdf	05 42 35.7	-0.1
SPMN	Marine on St.	118.69	32	P	PKPpdf	05 42 35.9	+0.1
SPMN	Marine on St.	118.69	32	P	PKIKP	05 42 36.2	+0.3
L34A	Svendsen Farm,	118.79	36	P	PKIKP	05 42 36.6	+0.4
MSTX	Muleshoe	118.88	47	P	PKIKP	05 42 36.8	+0.1
MSTX	Muleshoe	118.88	47	P	PKIKP	05 42 37.0	+0.2
PGAV	Gaviera, Arco	118.95	324	ePKP	PKPpdf	05 42 33.8	-2.8
POLO	Lamas de Olo	119.03	323	ePKP	PKIKP	05 42 38.5	+1.7
I37B	Waseca	119.18	33	P	PKIKP	05 42 37.0	+0.1
AMTX	Amarillo	119.23	46	P	PKIKP	05 42 37.5	+0.1
AMTX	Amarillo	119.23	46	P	PKIKP	05 42 37.4	+0.1
R32A	Long Quarter,	119.40	41	P	PKIKP	05 42 37.8	+0.3
MTE	Manteses	119.46	322	ePKP	PKIKP	05 42 37.9	+0.3
SCHO	Schefferville	119.67	10	PKP	PKIKP	05 42 37.6	0.0
SCHO	comp=Z,1.7nm,0.8s,baz=331,slow=1.8,SNR=19			PKKPbc	PKKPbc	05 52 47.5	-3.2
PMRV	Marv???	119.94	321	ePKP	PKIKP	05 42 39.7	+1.2
G40A	Rib Lake	119.99	30	P	PKPpdf	05 42 38.0	-0.4
TX31	Lajitas Ar. Si	120.29	52	P	PKIKP	05 42 39.7	+0.1
TXAR	Lajitas Array	120.29	52	PKP	PKPpdf	05 42 39.7	-0.2
TXAR	comp=Z,7.9nm,0.8s,baz=230,slow=1.0,SNR=48			PKKPbc	PKKPbc	05 52 46.9	-0.7
K38A	Parkersburg	120.52	34	P	PKPpdf	05 42 38.5	-0.8
F42A	Maple Grove Fa	120.65	29	P	PKPpdf	05 42 39.5	-0.1
SCIA	State Center	120.66	35	P	PKIKP	05 42 40.0	+0.1
Q40A	Norwalk	120.74	32	P	PKPpdf	05 42 39.0	-0.9
WMOK	Wichita Mounta	121.35	44	P	PKPpdf	05 42 41.0	-0.3
WMOK	Wichita Mounta	121.35	44	P	PKIKP	05 42 41.6	+0.1
PCVE	Castro Verde	121.39	320	ePKP	PKPpdf	05 42 40.0	-1.3
JFWS	Jewell Farm	121.61	32	P	PKPpdf	05 42 40.6	-0.9
JFWS	Jewell Farm	121.61	32	P	PKPpdf	05 42 40.9	-0.7
L42A	Draeger Farm,	121.62	31	P	PKPpdf	05 42 40.7	-0.8
140A	Anamosa	121.67	33	P	PKPpdf	05 42 40.9	-0.8
T35B	Sooner Cattle	121.69	41	P	PKPpdf	05 42 41.5	-0.4
ABTX	Abilene, Hawle	121.82	47	P	PKPpdf	05 42 42.3	+0.1
ABTX	Abilene, Hawle	121.82	47	P	PKPpdf	05 42 42.4	+0.1
E46A	Sault Ste Mari	121.93	26	PKPpdf	PKPpdf	05 42 42.0	-0.1
E46A	Sault Ste Mari	121.93	26	P	PKPpdf	05 42 41.9	-0.1
P38A	Dawn	121.93	37	P	PKPpdf	05 42 41.8	-0.4
L42A	Oliver, Polo	122.55	33	P	PKPpdf	05 42 42.5	-0.9
TUL1	Leonard	122.74	42	P	PKIKP	05 42 44.3	+0.2
JCT	Junction City	122.76	49	P	PKIKP	05 42 44.6	+0.2
JCT	Junction City	122.76	49	P	PKIKP	05 42 44.6	+0.2
K43A	Burlington	122.76	31	P	PKPpdf	05 42 43.1	-0.7

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N41A	Harden Midland	122.78	34	P	PKPpdf	05 42 43.1	-0.8
P40A	Paris	122.87	36	P	PKPpdf	05 42 43.6	-0.4
GLMI	Grayling	122.99	27	P	PKIKP	05 42 44.5	+0.1
Z35A	Perchaven, San	123.17	45	P	PKPpdf	05 42 44.9	+0.1
S39A	Bolivar	123.27	39	P	PKPpdf	05 42 44.5	-0.4
U38A	Gravette	123.35	40	P	PKPpdf	05 42 44.7	-0.4
L44A	Lake County Fo	123.36	31	P	PKPpdf	05 42 44.4	-0.5
L44A	Lake County Fo	123.36	31	P	PKPpdf	05 42 44.8	-0.1
R40A	Madies Statio	123.54	37	P	PKPpdf	05 42 45.0	-0.4
HHAR	Hobbs	123.73	40	P	PKPpdf	05 42 45.2	-0.6
WHTX	Lake Whitney,	123.74	47	P	PKIKP	05 42 46.4	+0.2
HDIL	Hopedale	123.76	34	P	PKPpdf	05 42 45.2	-0.5
HDIL	Hopedale	123.76	34	P	PKPpdf	05 42 45.5	-0.2
X37A	Clayton	123.78	43	P	PKPpdf	05 42 45.3	-0.6
833A	Chaparral WMA,	124.09	51	P	PKPpdf	05 42 46.6	-0.1
833A	Chaparral WMA,	124.09	51	P	PKIKP	05 42 47.4	+0.4
J47A	Summer	124.11	28	P	PKPpdf	05 42 46.4	+0.1
J47A	Summer	124.11	28	P	PKPpdf	05 42 46.4	+0.1
P43A	Skaggs, Pawnee	124.26	35	P	PKPpdf	05 42 46.3	-0.4
435B	Jarrell	124.27	48	P	PKIKP	05 42 47.5	+0.2
435B	Jarrell	124.27	48	P	PKIKP	05 42 47.5	+0.2
CCM	Cathedral Cave	124.31	37	PKPpdf	PKPpdf	05 42 46.9	+0.1
CCM	Cathedral Cave	124.31	37	P	PKPpdf	05 42 46.5	-0.3
CCM	Cathedral Cave	124.31	37	P	PKIKP	05 42 47.1	-0.1
CCM	Cathedral Cave	124.31	37	PKIKP	PKPpdf	05 42 46.9	+0.1
O44A	Manford	124.49	33	P	PKPpdf	05 42 46.9	-0.3
FVM	French Village	124.84	37	P	PKIKP	05 42 48.4	+0.2
MIAR	Mount Ida	125.01	42	P	PKIKP	05 42 48.9	+0.2
MIAR	Mount Ida	125.01	42	P	PKIKP	05 42 48.8	+0.2
Q44A	Meyer Farm, Va	125.05	35	P	PKPpdf	05 42 48.4	+0.2
FFIN	Lafayette	125.07	32	P	PKPpdf	05 42 48.1	-0.1
FFIN	Lafayette	125.07	32	P	PKIKP	05 42 48.5	-0.1
L48A	Adams	125.28	29	P	PKPpdf	05 42 48.4	-0.2
L48A	Adams	125.28	29	P	PKPpdf	05 42 48.4	-0.2
AAM	Ann Arbor	125.38	28	P	PKPpdf	05 42 48.9	+0.1
AAM	Ann Arbor	125.38	28	P	PKPpdf	05 42 48.8	+0.1
N47A	Urbana	125.44	31	P	PKPpdf	05 42 48.1	-0.9
N47A	Urbana	125.44	31	P	PKPpdf	05 42 48.1	-0.9
K50A	Casco	125.49	27	P	PKIKP	05 42 49.5	+0.2
K50A	Casco	125.49	27	P	PKIKP	05 42 49.5	+0.2
P46A	Rosedale	125.56	33	P	PKIKP	05 42 49.5	0.0
LCAR	Lake Charles	125.64	39	P	PKPpdf	05 42 49.4	-0.1
OLIL	Olney	125.68	34	P	PKIKP	05 42 50.0	+0.2
S44A	Wandell	125.73	36	P	PKIKP	05 42 50.4	+0.4
NATX	Nacogdoches	125.86	45	P	PKIKP	05 42 50.3	-0.1
NATX	Nacogdoches	125.86	45	P	PKIKP	05 42 50.5	+0.1
N49A	Columbus Grove	126.17	30	P	PKIKP	05 42 50.7	-0.1
N49A	Columbus Grove	126.17	30	P	PKIKP	05 42 50.7	-0.1
O48B	Farmland	126.18	31	P	PKPpdf	05 42 50.1	-0.3
M50A	Fremont	126.36	29	P	PKPpdf	05 42 50.9	+0.2
M50A	Fremont	126.36	29	P	PKPpdf	05 42 50.9	+0.2
P48A	Milroy	126.62	32	P	PKPpdf	05 42 51.1	-0.1
P48A	Milroy	126.62	32	P	PKPpdf	05 42 51.1	-0.1
O49A	Covington	126.65	31	P	PKPpdf	05 42 51.0	

4d 5h

Table with columns: WRA, WRA, ABKAR, ABKAR, GEYT, GEYT, GEYT, FIAl, FINEs, FINEs, FINEs, NACGM, BEKR, LRM, NB2, NOA, AKASG, AKASG, AKBB, AKBB, NVAR, PDAR, BRTR, BRTR, OJC, OJC, MORC, DPC, VYHS, JAVC, CLL, VRAC, MORAVY, VYHS, JAVC, CLL, GERES, GERES, BFO, BFO, TXAR, LPAZ, HO3N2, HO3N3, HO3N1, LVC

BUI 04 05:36:08.7,0.0,37.12N;141.75E, h28km, mb4.6/51, mB5.1/16, Ms4.5/11, Ms7.4/211
IDC 04 05:36:09.3,0.5,37.18N;141.36E, h0km, mb4.7/29, mbmp4.7/32, ML3.4/3, Error ellipse: s-maj=13.2km s-min=10.2km az=130.0
MOS 04 05:36:10.5,1.0,37.29N;141.35E, h16km, mb5.1/39, MS4.6/9, Error ellipse: s-maj=7.7km s-min=5.0km az=113.8
JMA 04 05:36:10.7,0.2,37.2N;141.42E, h29km, 1km, MD4.9/39, MV5.1/39, OFF FUKUSHIMA PREF
JMA 04 05:36:10.7,0.3,37.18N;141.50E, h29km, MW4.6, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; Mn=6.81; Mw=0.57; Ms=6.24; Ml=1.02; Mv=2.08; Mv3=3.48; Fault plane solution: M=7.77000x10^15 NP1: 0=197.00000, 859.00000, -91.00000. NP2: 0=19.00000, 831.00000, -88.00000.
NEIC 04 05:36:11.8,1.1,37.26N;141.41E;0.07, h15km,4km, mb4.9/187 Error ellipse: s-maj=8.4km s-min=5.9km az=62.0
ISC-EH 04 05:36:11.2,37.21N;141.39E, h12km, 1km, Error Ellipse: s-maj=3.2km s-min=1.55.0
ISC 04 05:36:10.7,0.6,37.19N;141.41E;0.04, h10km,3km, n602, r199/501, mb4.9/168, MS4.7/15, 23C-20D, Near east coast of eastern Honshu

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

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

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

R17K	Ugashik Creek	44.95	42	P	P	05 44 26.8 +1.3
L19K	White Mountain	45.78	36	P	P	05 44 33.2 +1.0
KURK	Kurchatov	45.84	308	P	P	05 44 32.6 -0.1
KURK	Kurchatov	45.84	308	P	P	05 44 32.7 -0.1
KURK	KURK			pmax	pmax	
KURBB	Kurchatov Arra	45.91	308	P	P	05 44 32.5 -0.8
TAPN	Taplejung	45.94	274	eP	P	05 44 33.9 -0.3
K20K	Telida	46.20	34	P	P	05 44 36.3 +0.8
J20K	Nowinta River	46.21	33	P	P	05 44 36.5 +1.0
A21K	Barrow	46.31	23	P	P	05 44 37.1 +1.0
A21K	Barrow	46.31	23	P	P	05 44 36.3 +0.1
Q19K	Cape Douglas	46.37	40	P	P	05 44 36.4 -0.4
IMAR	Indian Mountai	46.52	31	P	P	05 44 38.5 +0.7
M20K	Styx River	46.59	36	P	P	05 44 38.2 -0.4
KAPI	Kappang	46.60	210	P	P	05 44 38.9 -0.1
G21K	Allakaket	46.66	30	P	P	05 44 39.4 +0.4
PDGK	Podgornoye	46.71	298	P	P	05 44 39.3 -0.6
F21K	Alatina River	46.74	29	P	P	05 44 40.5 +0.8
H21K	Melozitna River	46.88	31	Iamb	Iamb	05 44 47.2
H21K	Melozitna River	46.88	31	P	P	05 44 41.2 +0.5
RAMN	Ramit	47.00	274	eP	P	05 44 42.4 -0.1
CHUM	Lake Minchumin	47.00	34	P	P	05 44 42.2 +0.5
J19K	Jiri	47.01	275	eP	P	05 44 42.6 -0.1
N20K	Mount Spurr	47.03	37	P	P	05 44 42.6 +0.6
PLLA	Purkeypile	47.04	35	P	P	05 44 43.2 +1.0
CAST	Castle Rocks	47.09	34	P	P	05 44 42.5 0.0
SPU	Mount Spurr	47.11	37	P	P	05 44 43.1 +0.5
GUN	Gumba	47.15	276	eP	P	05 44 43.9 +0.2
I21K	Tanana	47.20	32	P	P	05 44 43.1 -0.1
F22K	John River	47.27	29	P	P	05 44 43.4 -0.3
E22K	Anaktuvuk Pass	47.47	28	P	P	05 44 45.0 -0.3
H22K	Ishlailina Cre	47.48	31	P	P	05 44 45.6 +0.2
BPWW	Bear Paw Mtn.	47.59	33	P	P	05 44 46.9 +0.6
PKI	Pulchoki	47.67	275	eP	P	05 44 47.5 -0.3
PKIN	Pulchoki	47.68	275	eP	P	05 44 47.5 -0.3
MLY	Manley	47.72	32	Iamb	Iamb	05 44 50.0
MLY	Manley	47.72	32	P	P	05 44 47.5 +0.2
DMN	Daman	47.90	276	eP	P	05 44 49.2 -0.2
TRF	Thorofare Moun	47.90	34	P	P	05 44 48.4 -0.5
D23K	Nanushuk River	47.95	27	P	P	05 44 49.1 +0.1
C23K	Itkillik River	48.06	26	P	P	05 44 49.5 +0.3
G23K	Bananza Creek	48.06	30	P	P	05 44 50.5 +0.5
H23K	Yukon River	48.23	31	Iamb	Iamb	05 44 55.5
H23K	Yukon River	48.23	31	P	P	05 44 51.2 0.0
RC01	Rabbit Creek A	48.23	37	P	P	05 44 50.6 -0.7
E23K	Chandalar	48.28	28	P	P	05 44 51.2 -0.5
I23K	Minto, Yukon-K	48.30	32	P	P	05 44 52.0 +0.3
TOLK	Toolik Lake Re	48.33	27	P	P	05 44 51.6 -0.4
NEA2	Nenana	48.43	33	Iamb	Iamb	05 44 59.1
NEA2	Nenana	48.43	33	P	P	05 44 51.6 -1.1
SEW	Seward	48.44	39	P	P	05 44 52.0 -0.8
MDOK	Medeo	48.48	298	P	P	05 44 56.0 +2.4
PMR	Palmer	48.50	37	P	P	05 44 52.7 -0.6
MCK	McKinley	48.50	34	P	P	05 44 53.3 -0.1
E24K	Your Creek	48.71	28	P	P	05 44 54.5 -0.4
WAT1	Susitna Watana	48.71	35	P	P	05 44 54.8 -0.2
C24K	Franklin Bluff	48.71	26	P	P	05 44 54.8 0.0
KNK	Knik Glacier	48.83	37	P	P	05 44 55.8 -0.1
H24K	Noodor Dome	48.92	31	Iamb	Iamb	05 45 03.5
H24K	Noodor Dome	48.92	31	P	P	05 44 57.3 +0.7
F24K	Squaw Lake	48.92	29	P	P	05 44 57.5 +1.0
COLA	College	48.95	32	eP	pmax	05 45 00.9 +4.2
G24K	Hadweenzic Riv	49.08	30	P	P	05 44 58.8 +1.1
WAT2	Susitna Watana	49.09	35	P	P	05 44 59.2 +1.1
POKR	Poker Plat Res	49.12	32	P	P	05 44 59.3 +1.2
SCM	Sheep Creek Mo	49.34	36	P	P	05 45 00.7 +0.9
HDA	Harding Lake	49.35	33	Iamb	Iamb	05 45 01.1
HDA	Harding Lake	49.35	33	P	P	05 44 59.7 -0.1
IL31	Ilar	49.36	32	Iamb	Iamb	05 45 05.3
ILAR	Eielson Array	49.36	32	P	P	05 45 00.1 +0.2
D25K	Kavik River	49.51	26	P	P	05 45 02.3 +1.2
G25K	Bearman Lake	49.62	30	P	P	05 45 03.4 +1.6
H25L	Birch Creek	49.75	30	P	P	05 45 04.1 +1.3
F25K	Christian River	49.78	29	P	P	05 45 04.5 +1.4
E25K	Arctic Village	49.80	28	P	P	05 45 04.4 +1.2
M24K	Tolsona, Glenn	49.86	36	P	P	05 45 05.0 +1.1
K24K	Donnelly Dome	49.90	34	P	P	05 45 04.6 +0.6
PRP	Porcupine Dome	49.90	31	P	P	05 45 05.0 +0.8
C26K	Camden Bay	50.03	26	P	P	05 45 06.6 +1.7
PAX	Paxson	50.11	35	P	P	05 45 07.2 +1.5
BMAR	Burnt Mountain	50.20	29	P	P	05 45 06.3 0.0
H26K	HAARP	50.30	35	P	P	05 45 08.8 +1.6
F26K	Sheenjek River	50.35	29	P	P	05 45 09.4 +1.9
AAK	Ala-Archa	50.42	298	iP	pmax	05 45 09.2 +0.7
C27K	Jago River	50.45	26	P	P	05 45 09.7 +1.6
G26K	Porcupine Rive	50.53	29	P	P	05 45 10.1 +1.3

BRVK	Borovoye	50.53	312	P	Iamb	05 45 08.8 -0.2
BRVK	Borovoye	50.53	312	eP	pmax	05 45 20.5
BRVK	Borovoye	50.53	312	eP	pmax	05 45 10.3 +1.4
SCRK	Sand Creek	50.67	33	P	P	05 45 10.2 +0.2
SCRK	Sand Creek	50.67	33	P	Iamb	05 45 15.6
SCRK	Sand Creek	50.67	33	P	P	05 45 10.6 +0.6
MTN	Manton Dam	50.70	193	P	Iamb	05 45 10.3 -0.2
MTN	Manton Dam	50.70	193	P	Iamb	05 45 26.5
J26L	Joseph Creek	50.81	33	P	P	05 45 11.1 +0.1
I26K	Coal Creek Bin	50.91	32	P	P	05 45 12.3 +0.7
L26K	Log Cabin Wild	51.06	35	Iamb	Iamb	05 45 19.5
L26K	Log Cabin Wild	51.06	35	P	P	05 45 14.7 +1.8
E27K	Coleen River	51.28	28	P	P	05 45 16.1 +1.6
M26K	Nabesna, AK	51.30	35	P	P	05 45 16.4 +1.7
G27K	Doyon Strip	51.38	30	P	P	05 45 16.8 +1.6
MCARA	McCarthy VSAT	51.43	37	P	P	05 45 16.8 +1.2
H27K	Steamboat Moun	51.48	30	P	P	05 45 17.2 +1.2
K27K	Chicken	51.51	33	P	P	05 45 17.7 +1.6
I27K	Kandik River	51.52	31	P	P	05 45 17.8 +1.6
L27K	Beaver Creek	51.75	34	Iamb	Iamb	05 45 24.8
L27K	Beaver Creek	51.75	34	P	P	05 45 19.3 +1.4
EGAK	Eagle	51.81	32	P	P	05 45 19.6 +1.3
M27K	Edge Creek, AK	51.83	35	Iamb	Iamb	05 45 24.0
M27K	Edge Creek, AK	51.83	35	P	P	05 45 20.1 +1.3
I29M	Ogilvie Camp,	52.92	31	Iamb	Iamb	05 45 33.1
I29M	Ogilvie Camp,	52.92	31	P	P	05 45 27.9 +1.2
KK31	Karatay Array	53.05	300	P	Iamb	05 45 27.4 -0.6
KK31	Karatay Array	53.05	300	P	Iamb	05 45 42.7
KK31	Karatay Array	53.05	300	iP	P	05 45 27.5 -0.5
KKAR	Karatay Array	53.05	300	P	Iamb	05 45 27.4 -0.6
KKAR	Karatay Array	53.05	300	P	pmax	05 45 42.7
M29M	Somme Creek	53.38	35	P	P	05 45 31.2 +1.1
EPYK	Eagle Plains	53.39	30	P	P	05 45 31.3 +1.2
L29M	L29M	53.40	34	P	P	05 45 31.8 +1.5
G30M	Aoh Zraii Nji	53.48	29	P	P	05 45 30.9 +0.1
K29M	Barlow Dome	53.52	33	P	P	05 45 32.6 +1.4
GS1	Gunungsitoli	53.88	29	P	P	05 45 34.2 -0.1
KNRA	Kunururra	53.92	195	P	P	05 45 34.8 +0.4
M30M	Minto, Yukon	54.11	34	P	P	05 45 37.8 +2.4
M30M	Minto, Yukon	54.11	34	P	P	05 45 36.7 +1.3
HYT	Haines Junctio	54.17	37	P	P	05 45 35.7 -0.3
HYT	Haines Junctio	54.17	37	P	Iamb	05 45 39.5
HYT	Haines Junctio	54.17	37	P	P	05 45 37.5 +1.4
INK	Inuvik	54.25	27	P	P	05 45 37.2 +1.0
INK	Inuvik	54.25	27	P	P	05 45 37.2 +1.0
INK	Inuvik	54.25	27	P	Iamb	05 45 42.3
INK	Inuvik	54.25	27	P	P	05 45 37.4 +1.2
F31M	F31M	54.34	28	P	P	05 45 37.8 +0.9
P29M	Windy Craggy	54.34	38	P	P	05 45 38.3 +1.2
NIL	Nilore	54.58	288	P	P	05 45 39.1 -0.2
NIL	Nilore	54.58	288	P	pmax	05 45 39.1 -0.2
P30M	Million Dollar	54.60	37	P	P	05 45 40.4 +1.3
GAR	Garm	54.64	295	Iamb	Iamb	05 45 54.1
SVE	Sverdlodsk	55.04	319	eP	pmax	05 45 42.9 +0.7
M31M	Drury Creek, Y	55.28	35	P	P	05 45 45.5 +1.5
SKAG	Skagway	55.57	38	P	P	05 45 46.3 +0.4
CHGR	Chuyargaron	55.61	295	P	P	05 45 45.6 -1.1
A36M	Sachs Harbour	56.12	22	Iamb	Iamb	05 45 52.5
A36M	Sachs Harbour	56.12	22	P	P	05 45 50.8 +1.1
ARU	Arti	56.25	318	P	P	05 45 49.9 -1.0
ARU	Arti	56.25	318	iP	P	05 45 50.7 -0.2
ARU	Arti	56.25	318	P	P	05 46 47.5
ARU	Arti	56.25	318	P	P	05 47 51.4
ARU	Arti	56.25	318	P	P	05 53 39.3 -1.2
ARU	Arti	56.25	318	P	P	05 57 22.7 -3.8
P33M	Teslin, Yukon	56.57	37	Iamb	Iamb	05 46 00.2
P33M	Teslin, Yukon	56.57	37	P	P	05 45 54.5 +1.2
WB0	Warramunga Arr	57.03	188	P	P	05 45 56.0 -0.8
WB0	Warramunga Arr	57.03	188	P	Iamb	05 46 10.9
WRAB	Tennant Creek	57.20	188	eP	pmax	05 45 58.7 +0.7
WRAB	Tennant Creek	57.20	188	eP	pmax	05 45 58.7 +0.7
WR0	Warramunga Arr	57.21	188	P	Iamb	05 45 57.6 -0.5
WR0	Warramunga Arr	57.21	188	P	Iamb	05 46 13.5
WB2	Warramunga Arr	57.21	188	P	P	05 45 57.4 -0.7
WRA	Warramunga Arr	57.21	188	P	P	05 45 57.2 -0.9
WRA	Warramunga Arr	57.21	188	P	P	05 45 57.1 -0.9
WRA	Warramunga Arr	57.21	188	iP	pmax	05 46 00.3 +2.2
C36M	Paulatuk	57.29	25	P	P	05 45 59.6 +1.5
R33M	Jennings River	57.72	37	P	P	05 46 01.9 +0.5
AB31	Akbulak array	57.85	310	iP	P	05 46 01.6 -0.7
ABKAR	Akbulak array	57.85	310	P	Iamb	05 46 01.9 -0.4
ABKAR	Akbulak array	57.85	310	P	Iamb	05 46 02.9
TGNT	Hyland Airport	58.25	34	P	P	05 46 06.6 +1.6
DLBC	Dease Lake	58.50	38	P	P	05 46 08.0 +1.1
WTLY	Watson Lake, Y	58.50	36	P	P	05 46 08.3 +1.5
AKTO	Aktyubinsk	58.58	312	P	P	05 46 06.5 -1.0
LIRD	Liard River Hi	60.03	36	P	P	05 46 18.6 +1.3
KIRV	Kirov	60.13	323	iP	P	05 46 18.0 0.0
NOR	Nord	60.90	356	eP	P	05 46 22.5 -0.5
NOR	Nord	60.90	356	eP	Iamb	05 46 30.4
AS31	Alice Springs	60.94	188	P	P	05 46 23.7 -0.2
ASAR	Alice Springs	60.94	188	P	P	05 46 23.4 -0.6
ASAR	Alice Springs	60.94	188	P	P	05 46 23.8 -0.1

ASAR	Alice Springs	60.94	188	P	P	05 46 23.8 -0.1
VADS	Vadso	62.42	339	eP	Iamb	05 46 33.9 +0.6
VADS	Vadso	62.42	339	eP	Iamb	05 46 37.7
RES	Resolute Bay	62.45	14	P	Iamb	05 46 33

4d 5h

MSSO	Missoula	72.60	44	P	P	05 47 38.5 +0.2
VSYD	Vaisvydziai	73.11	329	eP	P	05 47 40.8 -0.1
PABE	Paberai	73.41	328	eP	P	05 47 43.1 +0.4
FFC	Flin Flon	73.57	33	P	P	05 47 43.9 +0.2
FFC	Flin Flon	73.57	33	IAMB	IAMB	05 47 49.2
FFC	Flin Flon	73.57	33	P	P	05 47 43.9 +0.2
FFC	Flin Flon	73.57	33	Pmax	Pmax	
DOMB	Dombas	73.91	339	eP	P	05 47 45.8 +0.2
YERR	Yerlington	73.97	53	IAMB	IAMB	05 47 47.9
NC204	NORSAR Array S	74.00	338	P	P	05 47 45.8 -0.4
NB2	NORSAR Subarra	74.05	337	P	P	05 47 46.4 0.0
NB2	NORSAR Subarra	74.05	337	P	P	05 47 46.4 0.0
NOA	NORSAR Array B	74.05	337	P	P	05 47 46.5 0.0
EGMT	Eagleton	74.15	41	IAMB	IAMB	05 47 53.2
EGMT	Eagleton	74.15	41	P	P	05 47 47.9 +0.6
AKASG	Malin Array Be	74.18	322	P	P	05 47 47.0 -0.3
AKASG	Malin Array Be	74.18	322	IAMB	IAMB	05 47 52.1
AKASG	Malin Array Be	74.18	322	P	P	05 47 47.0 -0.3
NC602	NORSAR Array S	74.18	327	eP	P	05 47 48.7 +1.6
GURO	Guroymak-BITLI	74.25	307	IAMB	IAMB	05 47 49.8
HLID	Hailey	74.26	47	P	P	05 47 49.1 +0.9
BMN	Battle Mountain	74.41	51	IAMB	IAMB	05 47 55.7
BOZ	Bozeman (W)	74.63	44	IAMB	IAMB	05 47 56.3
BOZ	Bozeman (W)	74.63	44	P	P	05 47 51.1 +0.9
KVN	Kaiserville	74.66	53	IAMB	IAMB	05 47 57.0
LHV	Little Huntton	74.87	53	IAMB	IAMB	05 47 59.1
NVAR	Mina Array Bea	74.89	53	P	P	05 47 53.2 +1.2
NV11	Mina Array Sit	74.98	53	IAMB	IAMB	05 47 59.4
YHB	Horse Butte	75.39	45	IAMB	IAMB	05 48 01.1
YMR	Madison River	75.57	45	IAMB	IAMB	05 48 02.3
VES	Vestal, Richer	75.89	56	P	P	05 47 57.5 +0.1
H17A	Grant Village	75.96	45	P	P	05 47 58.3 +0.2
IMW	Indian Meadow	76.06	45	IAMB	IAMB	05 48 05.6
CWC	Cottonwood Cre	76.20	55	P	P	05 47 59.6 +0.2
SORM	Soroca	76.28	321	P	P	05 47 59.4 0.0
GRAC	Grapevine Rang	76.33	54	P	P	05 48 00.3 +0.3
REDW	Red Top Meadow	76.44	46	IAMB	IAMB	05 48 08.0
R11A	Troy Canyon, C	76.66	52	P	P	05 48 02.8 +0.8
MPMC	Manual Prospec	76.81	55	P	P	05 48 03.6 +0.6
LAO	LASA Array	76.85	41	IAMB	IAMB	05 48 09.1
LAO	LASA Array	76.85	41	P	P	05 48 03.5 +0.6
FURC	Furnace Creek,	76.97	54	P	P	05 48 04.2 +0.6
LRMC	Laurel Mtn Rad	77.02	55	P	P	05 48 04.8 +0.7
SPR3	Spring Creek 3	77.05	51	pP	P	05 48 07.1 -0.6
TPNV	Topopah Spring	77.08	53	IAMB	IAMB	05 48 13.9
TPNV	Topopah Spring	77.08	53	P	P	05 48 04.9 +0.5
HWUT	Hardware Ranch	77.12	47	IAMB	IAMB	05 48 11.1
EDW2	Edwards Air Fo	77.17	56	P	P	05 48 05.2 +0.3
DUG	Dugway, Tooele	77.25	49	P	P	05 48 06.1 +0.8
LUV	L'vov	77.26	324	eP	P	05 48 04.3 -0.7
QSM	Queen of Sheba	77.27	55	IAMB	IAMB	05 48 11.4
BW06	Boulder Array	77.55	45	P	P	05 48 06.8 -0.3
PDAR	Pinedale Array	77.55	45	P	P	05 48 07.3 +0.2
BUR08	Bucovina Ar. S	78.19	322	P	P	05 48 09.6 -0.7
BUR08	Bucovina Ar. S	78.19	322	IAMB	IAMB	05 48 15.7
BURAR	Bucovina Array	78.20	322	P	P	05 48 11.0 +0.6
BURAR	Bucovina Array	78.20	322	IAMB	IAMB	05 48 09.7 -0.7
BURAR	Bucovina Array	78.20	322	IAMB	IAMB	05 48 16.0
TUQ	Turquoise Moun	78.20	54	P	P	05 48 10.3 -0.4
TESR	Tescani	78.22	320	P	P	05 48 09.8 -0.6
TPGR	Topolog	78.40	318	P	P	05 48 10.9 -0.5
VRI	Vrincioia	78.62	320	P	P	05 48 13.3 +0.7
BR131	Keskin Array S	78.76	312	P	P	05 48 12.8 -0.9
BR131	Keskin Array S	78.76	312	IAMB	IAMB	05 48 22.1
BR131	Keskin Array S	78.76	312	P	P	05 48 12.8 -0.9
BR131	Keskin Array S	78.76	312	Pmax	Pmax	
BRTR	Keskin Array B	78.76	312	P	P	05 48 13.7 0.0
BRTR	Keskin Array B	78.76	312	IAMB	IAMB	05 48 13.7 0.0
HARR	Harsova	78.77	318	P	P	05 48 12.9 -0.8
STHS	Stebnicka Huta	78.84	325	eP	P	05 48 14.5 +0.7
STHS	Stebnicka Huta	78.84	325	eP	P	05 48 14.5 +0.7
COVR	Voineasa-Covas	78.90	320	P	P	05 48 15.7 +1.5
UZH	Uzhgorod	78.91	324	eP	P	05 48 14.5 +0.4
UZH	Uzhgorod	78.91	324	e	P	05 48 20.0
OJC	Ojcow	78.92	326	IAMB	IAMB	05 48 19.7
OZUR	Red Mountain	78.94	320	P	P	05 48 15.7 +1.3
RDMU	Red Mountain	78.94	47	IAMB	IAMB	05 48 21.1
P17A	Butcher Ranch,	78.95	49	IAMB	IAMB	05 48 21.1
PFO	Pinyon Flats O	78.95	56	P	P	05 48 14.2 -0.6
ARCR	ARCALIA	78.99	322	P	P	05 48 16.2 +1.5
CRVS	Cervenica-Dubn	79.10	324	eP	P	05 48 16.0 +0.8
CRVS	Cervenica-Dubn	79.10	324	eP	P	05 48 16.0 +0.8
CRVS	Cervenica-Dubn	79.10	324	Pmax	Pmax	
TRPA	Tarpa	79.14	323	P	P	05 48 16.3 +0.9
KNB	Kanab	79.21	52	IAMB	IAMB	05 48 23.1
DOPR	Dopca	79.23	320	P	P	05 48 17.8 +1.8
MLR	Muntele Rosu	79.27	320	P	P	05 48 18.1 +1.7
SRU	San Rafael Swe	79.31	49	IAMB	IAMB	05 48 22.7
ULM	Lac du Bonnet	79.37	33	P	P	05 48 16.8 +0.1
CJR	Cluj-Napoca	79.62	322	P	P	05 48 19.7 +1.5
RSSD	Black Hills	79.71	42	P	P	05 48 17.5 -1.4
VOIR	Voiron	79.77	320	P	P	05 48 19.6 +0.6
SWSC	Sam W. Stewart	79.79	56	P	P	05 48 19.6 +0.3
MTUR	Matau	79.91	320	P	P	05 48 20.0 +0.2
OKC	Ostrava-Krasne	79.93	327	AMS	AMS	06 27 00.0
DRGR	Drummond	80.00	322	P	P	05 48 20.8 +0.5
O20A	White River Ci	80.00	47	P	P	05 48 20.7 +0.1

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BUC1	Bucarest	80.01	319	P	P	05 48 21.6 +1.4
OSTC	Ostas	80.22	328	eP	P	05 48 21.4 +0.1
OSTC	Ostas	80.22	328	AMS	AMS	06 26 30.0
MORC	Moravsky Berou	80.23	327	P	P	05 48 21.1 +0.6
MORC	Moravsky Berou	80.23	327	IAMB	IAMB	05 48 20.8 -0.6
MORC	Moravsky Berou	80.23	327	eP	P	05 48 21.8 +0.4
MORC	Moravsky Berou	80.23	327	eP	P	05 48 20.8 -0.6
MORC	Moravsky Berou	80.23	327	Pmax	Pmax	
DPC	Dobruska-Polom	80.33	328	eP	P	05 48 22.1 +0.2
DPC	Dobruska-Polom	80.33	328	eP	P	05 48 26.4 0.0
DPC	Dobruska-Polom	80.33	328	eP	P	05 48 22.1 +0.2
DPC	Dobruska-Polom	80.33	328	e	P	05 48 26.4
KRLC	Kraliky	80.34	327	eP	MLR	05 48 21.8 -0.2
KRLC	Kraliky	80.34	327	AMS	AMS	06 27 00.0
KRLC	Kraliky	80.34	327	eP	MLR	05 48 21.8 -0.2
UPC	Upice	80.35	328	eP	AMS	05 48 22.5 +0.6
UPC	Upice	80.35	328	eP	AMS	06 26 20.0
UPC	Upice	80.35	328	eP	MLR	05 48 22.5 +0.6
UPC	Upice	80.35	328	eP	MLR	
MAUC	Maruska	80.41	326	eP	P	05 48 18.8 -3.6
MAUC	Maruska	80.41	326	eP	P	05 48 24.3 -1.4
PSZ	Piszkesteto	80.54	324	P	P	05 48 23.9 +0.7
PSZ	Piszkesteto	80.54	324	IAMB	IAMB	05 48 23.1 +0.1
PSZ	Piszkesteto	80.54	324	IAMB	IAMB	05 48 28.9
PSZ	Piszkesteto	80.54	324	Pmax	Pmax	05 48 23.2 +0.1
PSZ	Piszkesteto	80.54	324	Pmax	Pmax	
VYHS	Vyhne	80.60	325	eP	P	05 48 24.1 +0.7
VYHS	Vyhne	80.60	325	eP	P	05 48 24.1 +0.7
VYHS	Vyhne	80.60	325	Pmax	Pmax	
RAYN	Ar Rayn	80.61	292	P	IAMB	05 48 22.5 -1.4
RAYN	Ar Rayn	80.61	292	IAMB	IAMB	05 48 24.7
RAYN	Ar Rayn	80.61	292	P	P	05 48 22.5 -1.4
RAYN	Ar Rayn	80.61	292	Pmax	Pmax	
AGMN	Agassiz Nant	80.81	35	IAMB	IAMB	05 48 29.2
AGMN	Agassiz Nant	80.81	35	IAMB	IAMB	05 48 29.2
N23A	Red Feather La	80.82	45	P	P	05 48 25.6 +0.5
N23A	Red Feather La	80.82	45	P	P	05 48 25.6 +0.5
JAVC	Velka Javorinka	80.86	326	eP	P	05 48 26.1 +1.3
SIRR	Sirka	80.88	322	P	P	05 48 25.5 +0.6
BRG	Berggiesshubel	80.92	329	iP	P	05 48 25.5 +0.5
BRG	Berggiesshubel	80.92	329	Amp		05 48 26.4
BRG	Berggiesshubel	80.92	329	iP	x	05 48 29.7
BRG	Berggiesshubel	80.92	329	Amp		05 48 30.4
BRG	Berggiesshubel	80.92	329	iP	P	05 48 25.5 +0.5
BRG	Berggiesshubel	80.92	329	iP	Pmax	05 48 29.6
PVCC	Panska Ves	80.93	329	eP	AMS	05 48 29.2 +4.1
PVCC	Panska Ves	80.93	329	eP	AMS	06 27 00.0
PVCC	Panska Ves	80.93	329	eP	MLR	05 48 29.2 +4.1
PVCC	Panska Ves	80.93	329	eP	MLR	
GZR	Gura Zlata	80.95	321	P	P	05 48 25.8 +0.4
COLL	Colim	80.97	330	iP	IAMB	05 48 30.7
COLL	Colim	80.97	330	iP	P	05 48 24.9 -0.3
COLL	Colim	80.97	330	iP	Pmax	05 48 28.9
COLL	Colim	80.97	330	iP	P	05 48 24.9 -0.3
COLL	Colim	80.97	330	iP	Pmax	
COLL	Colim	80.97	330	iP	Pmax	
COLL	Colim	80.97	330	iP	MLR	
VRAC	Vranov	81.00	327	P	P	05 48 26.8 +1.4
VRAC	Vranov	81.00	327	eP	P	05 48 26.1 +0.6
SURF	Surdulana	81.02	322	P	P	05 48 26.2 +0.6
WUAZ	Wupatki	81.06	52	P	P	05 48 27.9 +1.7
D32A	Dogwood Acres,	81.12	36	P	P	05 48 26.0 -0.1
KRUC	Krasov	81.27	327	eP	P	05 48 27.4 +0.5
SRO	Srobarova	81.34	325	eP	P	05 48 28.0 +0.7
SRO	Srobarova	81.34	325	eP	P	05 48 28.0 +0.7
SRO	Srobarova	81.34	325	Pmax	Pmax	
PRU	Pruhonice	81.36				

mblmp4.1/20,MS3.9/1, Error ellipse: s-maj=24.5km s-min=13.8km az=10.0
MOS 04 05:50:29.1-0.9,37.01N-71.46E,h106km,mb4.4/8, Error ellipse: s-maj=9.0km s-min=5.2km az=91.5
NEIC 04 05:50:30.3-1.5,37.03N,074.7137E,0.08,h97km,6km, mb4.3/16, Error ellipse: s-maj=9.9km s-min=4.3km az=73.0

ISC 04 05:50:29.1-0.5,36.98N,075.7149E,0.05,h100km,n133, s196W/146,mb4.2/27,10C-1D,Afghanistan-Tajikistan

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

Main table of seismic events with columns: SVE, Sverdllovsk, 2015 343, P, 05 55 06.6 +0.8. Includes event details like magnitude, depth, and location.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Lists stations for the event ROM 04 05:51:22.7-0.1, 42.557N, 0003.13241E, 0.004, h119km, ML2.5/35, 14C-1D, Error ellipse: s-maj=0.3km s-min=0.0km az=37.0, Central Italy.

Table with columns: RM33, 0.10 43, P, 05 51 26.3 -0.4. Lists various seismic stations and their parameters.

4d 6h

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like H03S1 Juan Fernandez, H03S2 Juan Fernandez, H03S3 Juan Fernandez, MJAR Matsushiro Arr, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like KHZ Kahutara, KHZ Kahutara, KHV Greta Valley S, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like KUZ Katoona, MXZ Matakoao Point, OUZ Ouhama, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like MIYJ Miyakonagasawa, ERM Ermo, JANG Nango, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like KUR comp=E,456nm,0.5s, KUR comp=N,113nm,0.3s, JHU Hanno, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like SNY comp=E,4um,12.0s, SNY comp=E,4um,13.1s, PETK Petropavlovsk, etc.

4d 7h

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DLBC Dease Lake, GAR Arti, ARU Arti, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GROG Groznyy, KIV Kislodovsk, KBZ Khabaz, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BRG Berggiesshubel, BRG Berggiesshubel, BRG Berggiesshubel, etc.

PRU 04 07:06:06.2e.0.0, 42:69N:14:37E, h10km
ROM 04 07:06:01.4e.0.0, 42:563N:0:002E:13:282E:0:004,
h1 km, ML:2.6/24, 36C-8D, Error ellipse: s-maj=0.3km
s-min=0.2km az=227.0, Central Italy

Table with columns: TERO, Teramo, 0.32 106, P, Pg, 07 23 14.3 +0.4, etc. Includes stations like TERO, GUMA, T1219, etc.

JMA 04 07:28:32.1±0.3, 301.0°N, 09:14'4"E, h13km, MV3.3/25, FAR E OFF SANRIKU, IDC 04 07:28:33.9±2.1, 401.51N, 143:59E, h0km, mb3.7/6, mbtmp3.6/7, ML2.2/1, Error ellipse: s-maj=55.1km, s-min=29.6km az=85.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Includes stations like JTH, JKH, JNV, etc.

SOM Songoing Array 27.74 298 P P 07 34 23.0 +0.4

Table with columns: H11N2, WAKE ISLAND Hy, 28.46 129 T T 08 04 03.9, etc. Includes stations like H11N1, H11N3, etc.

NOA NORSAR Array B 71.87 338 P P 07 39 57.6 +1.0

IDC 04 07:33:32.0±3.1, 21:87S, 170:10E, h0km, mb3.6/2, mbtmp3.6/3, ML3.5/1, Error ellipse: s-maj=142.2km, s-min=38.1km az=163.0

NOU 04 07:33:35.6, 21:85S, 170:05E, h0km, MLV4.3/11, Southeast of Loyalty Islands

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

GERES GERES Array B 147.26 331 PKPbc PKPbc 07 53 16.7 -0.8

IDC 04 07:36:09.5±3.5, 22:56S, 170:04E, h0km, mb3.2/2, mbtmp3.3/3, ML3.5/1, Error ellipse: s-maj=147.2km, s-min=49.5km az=167.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Includes stations like DZM, ASAR, WRA, etc.

GERES GERES Array B 147.74 330 PKPbc PKPbc 07 55 55.6 -0.6

ANF 04 07:40:17.2±0.8, 39:11N, 118:85W, h13km, 6km, ML3.9/21, Error ellipse: s-maj=4.4km, s-min=2.8km az=112.0

REN 04 07:40:19.0, 39:05N, 118:81W, h11km, Nevada

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Includes stations like MLAC, TIN, GRAC, etc.

GRAC Grapevine Rang 2.41 151 P Pn 07 40 56.4 0.0

R11A Troy Canyon, C 2.66 106 P Pn 07 41 32.9 -1.8

CWC Cottonwood Cre 2.73 167 P Pn 07 41 01.4 +0.5

VOG Valley Oaks Go 2.82 189 P Pn 07 41 02.9 +1.0

TPNV Topopah Spring 2.98 136 P Pn 07 41 04.4 0.0

FURC Furnace Creek, 3.07 149 Pb Pb 07 41 11.3 -0.3

MPMC Manual Prospec 3.23 160 P Pn 07 41 57.9 +0.1

YES Vestal, Richgr 3.27 183 Pb Pb 07 41 15.2 +0.1

ISA Isabella, Lake 3.45 175 Pb Pb 07 41 18.9 +0.6

LRMC Laurel Mtn Rad 3.74 165 Pb Pb 07 41 24.8 +1.6

SHOC Shoshone, Tec 3.80 147 P Pn 07 41 15.5 0.0

SMMC Simmler 3.90 194 P Pn 07 41 20.7 +3.9

ARVC Arvin 3.98 180 Pb Pb 07 41 27.9 +0.7

GSC Goldstone, Bar 4.13 156 P Pn 07 41 18.1 -0.1

EDW2 Edwards Air Fo 4.62 171 Pb Pb 07 41 32.7 +0.4

PKM Mppherson Peak 4.28 191 Pb Pb 07 41 32.4 -0.1

TQM Turquoise Moun 4.34 147 P Pn 07 41 23.2 +0.1

OSI Ostio Audit: C 4.49 179 Pb Pb 07 41 37.1 +1.2

DUG Dugway, Tooele 4.78 75 P Pn 07 41 30.1 +1.0

HLID Halley 5.56 35 Pb Pb 07 41 53.6 -0.6

Q16K King Salmon 31.04 322 P P 07 46 33.8 -0.6

IDC 04 07:42:47.8±1.4, 3:72N, 126:08E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=151.8km, s-min=21.3km

MAN 04 07:43:06.5, 4:62N, 125:54E, h1km, mb4.4, ML3.3, MS3.1

ISC 04 07:42:48.9±1.2, 3:75N, 0:08, 125:9E, 0.1, h10km, n10, 1:178/15, mb3.7/4, 2C-3D, Talaud Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Includes stations like DDMP, GSPH, SKMP, etc.

ASAR Alice Springs 28.34 164 P P 07 48 43.4 +0.1

SOM Songoing Array 47.02 342 P P 07 51 20.4 -0.2

MKAR Makanchi Array 57.07 326 P P 07 52 37.4 +2.0

ISK 04 08:21:57.1, 40:01N, 43:02E, h5km, ML2.6/5

DDA 04 08:21:58.7±0.0, 40:04N, 43:09E, h7km, 7km, ML2.4

ISC 04 08:21:58.3±1.2, 40:02N, 0:03, 43:05E, 0.03, h9km, 13km, n13, 0:877/22, Turkey-Georgia-Armenia border region

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

DIGO Kars 0.46 33 P P 08 22 06.3 -1.0

DIGO DIGO 0.46 33 P P 08 22 14.6 -1.4

KARS Kars 0.60 2 PG Pg 08 22 10.0 0.0

DYDN Diyyadin 0.69 134 P AML S 08 22 11.0 -0.6

DYDN comp=N, 139nm, 0.6s

SENK Senkaya-Erzuru 0.76 316 PG Pg 08 22 22.2 -0.2

KOPR Kopruckoy-ERZUR 0.92 268 PG Pg 08 22 29.1 +0.3

TASB TASBURUN-IGDIR 0.92 92 PG Pg 08 22 16.4 0.0

AKDM Akdamar-Van 1.69 182 PN Pb 08 22 29.1 -0.6

BNGB Bingli 2.10 241 PN Pb 08 22 34.3 +0.5

IDC 04 08:41:08.8±2.6, 4:57S, 130:38E, h0km, mb3.3/1, mbtmp3.3/3, ML3.1/2, Error ellipse: s-maj=158.0km, s-min=31.8km az=71.0, Banda Sea

WRA Warramunga Arr 15.76 166 PN Pb 08 44 51.5 -0.8

ASAR Alice Springs 19.29 170 P P 08 45 35.8 +0.3

MKAR Makanchi Array 66.42 326 P P 08 51 60.0 0.0

IDC 04 08:47:56.8±1.1, 5:17N, 125:67E, h0km, mb3.7/6, mbtmp3.7/6, MS2.8/2, Error ellipse: s-maj=75.2km, s-min=19.2km az=78.0

MAN 04 08:48:05.5±2.9, 5:29N, 125:38E, h2km, mb4.7, ML3.6, MS3.6

ISC 04 08:48:00.5±2.1, 5:05N, 125:07, 125:39E, 0.07, h23km, 15km, n18, 1:515/23, mb3.6/6, 3C-6D, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Includes stations like DDMP, GSPH, SKMP, etc.

WRA Warramunga Arr 26.35 161 P P 08 53 34.9 -0.1

ASAR Alice Springs 29.73 164 P P 08 54 05.2 0.0

USRK Ussuriysk Arr. 39.42 7 P P 08 55 28.0 -0.6

STKA Stephens Creek 39.84 158 P P 08 55 32.6 +0.4

MKAR Makanchi Array 55.72 325 P P 08 57 35.5 +0.2

ILAR Eielson Array 84.49 25 P P 09 00 29.1 -2.2

IDC 04 08:54:11.8±1.2, 39:62N, 98:61W, h0km, mbtmp3.2/4, ML3.5/3, Error ellipse: s-maj=16.2km, s-min=12.2km, az=103.0

NEIC 04 08:54:13.1±0.6, 39:62N, 0:02, 98:54W, 0:04, h5km, 1km, mb, Lg2, 6/39, Error ellipse: s-maj=5.7km, s-min=4.1km, az=245.0

ANF 04 08:54:13.4±0.7, 39:59N, 98:59W, h5km, ML3.7/10, Error ellipse: s-maj=11.0km, s-min=5.2km, az=118.0

ISC 04 08:54:13.2±1.5, 39:61N, 0:04, 98:51W, 0:04, h7km, 13km, n73, 1:100/73, Kansas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Includes stations like R32A, CBKS, etc.

CBKS Cedar Bluff 1.24 231 P P 08 54 35.2 -0.6

CBKS Cedar Bluff 1.24 231 P P 08 54 36.4 -0.6

CBKS Cedar Bluff 1.24 231 P P 08 54 36.4 -0.6

J Bar K, Exete 1.39 35 P Pn 08 54 38.4 -0.6

J Bar K, Exete 1.39 35 P Pn 08 54 38.4 -0.6

Belgrade 1.82 8 P Pn 08 54 47.0 -0.5

Belgrade 1.82 8 P Pn 08 54 47.0 -0.5

Anthony NE Sta 2.41 170 I Amb_Lg 08 55 32.4

Argonia South 2.52 166 I Amb_Lg 08 55 36.2

Tabor 2.52 59 P Pn 08 54 54.9 +0.3

Tabor 2.52 59 P Pn 08 54 55.8 +1.1

Bluff City Nor 2.54 169 I Amb_Lg 08 55 39.7

Caldwell North 2.56 164 Pn 08 54 55.6 +0.3

Caldwell West 2.62 167 I Amb_Lg 08 55 42.6

Manchester OK 2.68 171 P P 08 55 04.3 -0.3

South Haven SW 2.71 162 P P 08 54 57.7 +0.4

Sant County # 2.80 169 Pn 08 55 48.6 +0.1

2016 DEC

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	
Code	Station Name	Δ°	AZ°	Phase ID	h	s	ISC
CROK	Carrier	3.13	172	Pn	08 55 02.7	-0.3	
U32A	Winter Ranch,	3.25	187	Pn	08 55 04.8	+0.2	
U32A				IAmb_Lg	08 55 59.1		
KSCO	comp=Z,13nm,1.1s	3.25	261	Pn	08 55 04.5	-0.3	
KSCO	Kaye Shedlock	3.25	261	P	08 55 05.4	+0.6	
OK048	Pawnee Station	3.42	158	Pn	08 55 07.2	+0.3	
OK050	Pawnee Station	3.43	159	Pn	08 55 07.3	+0.2	
OK046	Pawnee Station	3.44	158	Pn	08 55 07.7	+0.3	
ELIS	Ellis County	3.61	192	Pn	08 55 10.1	+0.4	
ELIS				IAmb_Lg	08 56 05.0		
QUOK	Quay	3.71	157	Pn	08 55 11.2	+0.2	
OK033	Melan	3.77	160	Pn	08 55 11.6	-0.2	
OK03	SW of W Deep R	4.20	181	Pn	08 57 11.0	+1.0	
P38A	Dawn	3.84	88	Pn	08 55 13.3	+0.6	
P38A				IAmb_Lg	08 56 23.6		
OK052	comp=Z,21nm,0.7s	3.85	159	Pn	08 55 13.0	0.0	
OK052	Battle Ridge R			IAmb_Lg	08 56 21.1		
OK031	comp=Z,11nm,0.9s	3.88	160	Pn	08 55 13.2	-0.1	
OK030	S. Brethren Rd	3.92	159	Pn	08 55 14.0	+0.1	
OK030	Cody Creek RV			IAmb_Lg	08 56 26.5		
comp=Z,13nm,1.1s							
CSTR	Hydro, Custer	3.96	182	IAmb_Lg	08 56 20.8		
BCOK	Bluff Creek, N	4.01	170	Pn	08 55 14.1	-1.0	
OK025	Westminster Rd	4.12	167	Pn	08 55 16.5	-0.1	
TUL1	Leonard	4.27	149	Pn	08 55 18.1	+0.6	
TUL1	Leonard	4.27	149	P	08 55 18.7	0.0	
ECSD	EROS Data Cent	4.36	18	Pn	08 55 20.6	+0.7	
FNSO	Franklin	4.43	168	Pn	08 55 20.6	-0.3	
S39A	Bolivar	4.49	114	Pn	08 55 22.4	+0.7	
U38A	Gravette	4.54	133	Pn	08 55 21.4	-0.9	
U38A				IAmb_Lg	08 56 35.9		
WMOK	Wichita Mounta	4.87	183	Pn	08 55 26.5	-0.4	
H34R	Hobbs	4.90	131	Pn	08 55 28.1	+0.5	
X34A	Smith Ranch, M	5.03	174	Pn	08 55 28.8	-0.3	
X34A				IAmb_Lg	08 56 59.6		
R40A	comp=Z,15nm,0.8s	5.04	103	IAMB_Lg	08 57 03.8		
Q24A	Divide	5.20	265	Pn	08 55 30.8	-0.9	
Q24A				IAMB_Lg	08 56 57.0		
T25A	Trinidad	5.25	244	Pn	08 55 31.9	-0.6	
AMTX	Amarillo	5.35	209	Pn	08 55 34.2	+0.5	
SDCO	Great Sand Dun	5.78	253	IAMB_Lg	08 57 14.5		
CCM	Cathedral Cave	5.88	103	Pn	08 55 40.9	+0.2	
RSSD	Black Hills	6.11	319	IAMB_Lg	08 57 37.1		
FCAR	comp=Z,8.7nm,1.1s	6.27	124	Pn	08 55 47.4	+1.3	
MIAR	Ozark Folk Cen	6.41	141	Pn	08 55 48.2	+0.1	
MIAR	Mount Ida	6.41	141	Pn	08 55 48.2	+0.1	
WHAR	Wooley Hollow	6.56	129	Pn	08 55 50.6	+0.4	
L42A	Oliver, Polo	7.12	98	Pn	08 55 57.9	+0.4	
HDL	Hopedale	7.13	79	Pn	08 55 57.9	0.0	
F36A	Milaca	7.24	29	Pn	08 55 59.9	+0.3	
Q20A	White River Ci	7.51	277	Pn	08 56 02.3	-1.0	
ANMO	Albuquerque	7.86	236	Pg	08 56 33.8	+3.9	
ANMO				Lg	08 58 15.3		
PDAR	comp=Z,0.4nm,0.3s,baz=58,slow=19,SNR=4.5	8.91	294	Pn	08 56 21.7	-0.9	
PDAR	Pinedale Array			Lg	08 58 45.4		
PDAR	comp=Z,0.1nm,0.3s,baz=113,slow=14,SNR=1.3			Lg	08 58 45.4		
ULM	comp=Z,0.1nm,0.3s,baz=104,slow=34,SNR=1.6	10.0	9	Pn	08 56 44.9	-3.4	
ULM	Lac du Bonnet			Sn	08 58 34.5	-1.5	
ULM				Lg	08 59 39.5		
ULM				Lg	08 56 48.9	-3.6	
TXAR	comp=Z,0.1nm,0.3s,baz=110,slow=12,SNR=12	11.10	204	Pn	08 57 34.3		
TXAR	Lajitas Array			Pg	08 57 34.3		
TXAR	comp=Z,0.1nm,0.3s,baz=26,slow=12,SNR=2.0			Sn	08 58 47.8	-9.1	
TXAR	comp=Z,0.1nm,0.3s,baz=30,slow=15,SNR=2.0			Lg	08 59 55.7		
TXAR	comp=Z,0.1nm,0.3s,baz=17,slow=28,SNR=2.1			Lg	08 59 55.7		
TKL	comp=Z,0.2nm,0.4s	12.32	104	Pn	08 57 07.9	-1.3	
TKL	Tuckaleechee C			Lg	09 00 30.6		
TKL	comp=Z,0.1nm,0.3s,baz=22,slow=5.6,SNR=1.7			Lg	09 00 30.6		
TKL	comp=Z,0.1nm,0.3s,baz=24,slow=20,SNR=1.7			Lg	09 00 30.6		
TKL	comp=Z,1.3nm,0.6s			Lg	09 00 30.6		

NACB	baz=296	S	Sg	09 23 03.7	-0.3	
HWA	Hwallen	0.18	221	P	09 23 03.3	+0.9
EHP	Heping Village	0.20	2	P	09 23 03.6	+0.7
EHP			Sg	09 23 06.7	+1.0	
ETLH	Xiulin Townshi	0.25	293	||P	09 23 04.0	+0.2
ETLH			S	09 23 07.3	+0.2	
ETM	Tongmen	0.26	237	P	09 23 04.3	+0.4
ETM			eS	09 23 07.7	+0.2	
TEYL	Yanliu Villag	0.27	207	P	09 23 05.5	-0.2
TEYL			S	09 23 11.6	+1.2	
ENA	Nanau	0.32	1	||P	09 23 05.6	+0.6
ENA			iS	09 23 09.9	+0.7	
EWUT	Wuta	0.34	7	||P	09 23 05.0	-0.3
EWUT			S	09 23 09.5	-0.3	
ESL	Shiin	0.40	223	||P	09 23 06.9	+0.4
ESL			iS	09 23 11.9	+0.1	
WHF	Hehuan Shan	0.43	275	||P	09 23 07.3	+0.2
WHF			iS	09 23 13.4	+0.5	
NNSB	Datong	0.45	315	||P	09 23 08.0	+0.5
NNSB			iS	09 23 13.9	+0.5	
NNSB	Datong	0.45	315	||P	09 23 07.1	-0.4
NNSB			S	09 23 13.0	-0.4	
LATG	Datong	0.46	336	||P	09 23 08.3	+0.5
LATG			Sg	09 23 14.4	+0.6	
NNS	Nan Shan	0.46	315	||P	09 23 07.2	-0.5
NNS			iS	09 23 13.5	-0.4	
FUSS	baz=317	0.47	287	||P	09 23 08.4	+0.6
FUSS	Fushou		Sg	09 23 14.7	+0.6	
TWC	Suao	0.51	12	||P	09 23 02.9	-0.5
TWC			S	09 23 16.1	+0.8	
CHGB	Renai	0.51	265	||P	09 23 09.2	+0.5
CHGB			S	09 23 15.3	-0.2	
EGFH	Guangfu	0.52	213	P	09 23 09.5	-0.4
EGFH			S	09 23 17.8	+0.2	
NDS	Dongshan	0.52	358	||P	09 23 08.6	-0.2
NDS			S	09 23 15.5	-0.2	
TDCB	Techi	0.54	285	||P	09 23 09.9	+0.7
TDCB			Sg	09 23 17.2	+0.8	
ENTT	Nioudou	0.55	344	||P	09 23 09.1	-0.3
ENTT			iS	09 23 16.4	-0.2	
WUSB	Renai	0.57	258	||P	09 23 10.4	+0.5
WUSB			S	09 23 17.3	-0.1	
TWE	Neicheng	0.61	354	||P	09 23 11.3	-0.2
TWE			iS	09 23 19.4	-0.8	
VWDT	baz=359	0.65	237	||P	09 23 11.6	+0.5
VWDT			S	09 23 19.7	+0.1	
YHNB	Yeheng	0.65	330	P	09 23 12.1	0.0
YHNB			Pb	09 23 11.8	-0.3	
YHNB			S	09 23 19.9	+0.3	
ILA	ilan	0.65	1	eP	09 23 12.8	-1.2
ILA			Sb	09 23 21.2	-0.2	
NSK	Sanguang	0.66	329	||P	09 23 11.1	-0.3
NSK			iS	09 23 19.6	-0.5	
FUSB	Fushanzhiwuyua	0.66	349	||P	09 23 12.4	0.0
FUSB			Pb	09 23 20.7	+0.6	
HGSD	Ruisui	0.68	205	eP	09 23 13.3	-1.1
HGSD			eS	09 23 26.2	+1.2	
NWLT	Wulai	0.70	343	P	09 23 12.0	-0.2
NWLT			Sg	09 23 20.9	-0.4	
EHY	Hungye	0.71	212	iP	09 23 12.8	+0.4
EHY			eS	09 23 24.5	-1.3	
WHP	Taichung City	0.74	283	P	09 23 13.9	+0.2
WHP			eS	09 23 23.7	-0.3	
WCS	Beigang Elemen	0.75	266	eP	09 23 12.7	-0.4
WCS			eS	09 23 22.1	-0.8	
EGS	baz=255	0.76	14	eP	09 23 14.1	+0.1
NFF	Wufeng Townsh	0.76	313	P	09 23 13.3	-0.1
NFF			eS	09 23 22.3	-1.1	
SSLB	Suanguang	0.78	246	P	09 23 14.1	+0.4
SSLB			eP	09 23 13.9	+0.2	
SMLT	Sun Moon Lake	0.79	254	||P	09 23 14.5	+0.5
SMLT			S	09 23 24.6	+0.2	
YULB	Yu-li	0.82	209	P	09 23 16.4	+0.1
YULB			eP	09 23 14.4	0.0	
YULB			eS	09 23 27.4	-1.1	
TYC	Yuchr	0.83	256	P	09 23 14.6	0.0
TYC			S	09 23 24.4	-0.9	
LIOB	Emei	0.84	309	P	09 23 16.1	-0.6
LIOB			Sb	09 23 26.6	-0.3	
NSTT	Nanjuang	0.84	308	P	09 23 15.8	+0.3
NSTT			Sb	09 23 26.6	-0.3	
EYUL	Yuli	0.85	207	eP	09 23 17.1	+0.4
TWF1	Yuli	0.85	208	P	09 23 16.0	-0.8
TIPB	Shungxi	0.86	6	P	09 23 16.1	-0.9

TIPB	baz=358	eS	Sb	09 23 26.9	-0.6	
NHDH	Xindian Distri	0.87	348	eP	09 23 16.3	-0.8
NHDH			eS	09 23 27.0	+0.2	
TWA	Mucha	0.88	351	P	09 23 16.5	-0.7
TWA			S	09 23 27.5	-0.4	
TATO	Taipei	0.89	346	P	09 23 17.1	-0.2
TATO			eP	09 23 16.6	-0.8	
TATO			eS	09 23 27.0	-0.4	
WHYT	Xinyi Townshp	0.90	243	eP	09 23 17.6	+0.1
WHYT			eS	09 23 30.6	-0.1	
TWQ1	Liyutan	0.91	285	eP	09 23 17.3	-0.3
TWB1	Santiago Chiao	0.93	15	eP	09 23 17.3	-0.5
TWB1			eS	09 23 29.0	-0.2	
NSY	Sanyi	0.94	289	eP		

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PNG Penghu, LAY Lan-yu, SLIU Shizi, etc.

SSNC 04 09:40:25.8; 1.8, 17.72N; 71.89W, h17km, 336km, MD3.7, ML2.5

OSPL 04 09:40:31.2; 4.4, 18.33N; 72.10W, h5km, 35km, Mc2.1, ML2.3

ISC 04 09:40:28.1; 4.1, 18.25N; 0.07:72.06W; 0.04, h17km, 36km, n10, c#83/17, Haiti region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PAPH Port-au-Prince, LOPE2 Hotel El Peder, LGNH Logne, etc.

INET 04 10:06:41.0; 1.3, 9.90N; 83.81W, h4km, 6km, MW2.7

UPA 04 10:06:41.2; 0.6, 10.14N; 83.90W, h28km, 99km, MW3.6

ISC 04 10:06:38.9; 3.6, 10.11N; 0.2:83.78W; 0.05, h4km, 25km, n10, c#57/15, ID, Costa Rica

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RIMA Rio Macho, CDC Herculio 3, etc.

WEL 04 10:07:58.0; 0.3, 42.2°S; 2°17'4E; h9km, 3km, M3.8/37, ML4.1/17, MLV3.8/37, Error ellipse: s-maj=0.0km

NOU 04 10:07:57.2; 41.90S; 174.47E, h13km, MLV4.2/15, Cook Strait, New Zealand

ISC 04 10:07:57.5; 0.9, 41.76S; 0.03:174.26E; 0.02, h17km, 6km, n124, c#143/127, Cook Strait

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMWZ Cape Campbell, BSWZ Blackbirch Sta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GVZ Greta Valley S, TIWZ Tintock, etc.

GCMT 04 10:15:44.0; 0.3, 56.50S; 0.02:142.73W; 0.03, h30km, 1km, MW5.0/67, Moment Tensor Solution, s17, e19, 667, 687, Duration: 0

Principal axes: T 3.6260, Plg29.0000; Azm334.0000; N -0.1090, Plg57.0000; Azm186.0000; P -3.5200, Plg15.0000; Azm72.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular

moment-rate function Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TBI Tubuai, MEH Mehetia, etc.

IDC 04 10:18:15.8; 1.8, 29.69S; 111.96W, h0km, mb3.7/3, mbmp3.8/4, ML3.9/1, MS3.9/30 Error ellipse: s-maj=68.9km s-min=39.4km az=127.0

NEIC 04 10:18:29.0; 0.5, 29.12S; 0.03:112.22W; 0.03, h26km, 2km, MW5.0/73, Moment Tensor Solution, s11, c13, s73, c92; Duration: 0

ISC 04 10:18:28.5; 0.8, 28.5S; 0.2:111.3W; 0.1, h10km, n89, nsta2 refers to surface waves, cutoff=50s. Triangular

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VA02 Isla de Pascua, RPN Rapa Nui, etc.

4rd 11h

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

IDC 04 10:38:51.1, 8.44:52N:141:62E, h236km, 18km, mb3.3/12, mbmp3.9/18, Error ellipse: s-maj=14.7km

NIED 04 10:38:51.3, 44:55N:141:66E, h242km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale 10^14 Nm

MOS 04 10:38:51.2, 1.0, 44:49N:141:59E, h249km, mb4.0/5, Error ellipse: s-maj=11.9km s-min=8.8km az=96.1

SKHL 04 10:38:51.7, 0.1, 44:60N:141:60E, h235km, 10km, mb5.0/5, msh5.1/4

ISC 04 10:38:51.9, 0.6, 44:51N:141:65E, h240km, 5km, n69, r1504/86, mb3.6/17, 1C-17D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JSS, JYG, JRR, JHR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RUSJ, JAK, ERM, AKK, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OBN, FINES, WRA, WRA KBZ, etc.

IDC 04 10:55:59.8, 9.5, 8:07S:154:39E, h0km, mb3.2/3, mbmp3.3/3, Error ellipse: s-maj=290.3km

ISC 04 10:57:02.6, 0.6, 24:05S:67:24W, h236km, 23km, ML3.8, 4C, Chile-Argentina border region

ISC 04 11:03:18.4, 38:15N:26:31E, h9km, ML2.5/12

DDA 04 11:03:18.7, 0.0, 38:18N:26:28E, h9km, 1km, ML2.2

ISC 04 11:03:18.9, 1.1, 38:17N:26:30E, h12km, 7km, n21, r957/38, Aegean Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZEVE, ZHOS, CHOS, etc.

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

IDC 04 11:09:03.9, 34:76N:28:66E, h8km, ML2.6/10

DDA 04 11:09:05.0, 34:73N:28:64E, h9km, 26km, ML2.3/1

THE 04 11:09:06.4, 34:73N:28:64E, h9km, 26km, ML2.3/1, Error ellipse: s-maj=3.5km s-min=2.8km az=141.0

ISC 04 11:09:09.0, 0.0, 33:79N:28:87E, h1km, MM2.7/1

ISC 04 11:09:01.5, 2.4, 34:58N:0:05E, h13km, 16km, n27, r1589/41, Eastern Mediterranean Sea

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

NOU 04 11:09:40.3, 42:51S:173:85E, h7km, MLv3.7/10, South Island, New Zealand

WEL 04 11:09:42.9, 0.4, 42:53S:177:4E, h9km, 3km, M3, 1/32, ML3.5/13, MLv3.1/32, Error ellipse: s-maj=0.0km

ISC 04 11:09:41.5, 1.2, 42:47S:173:78E, h14km, 9km, n76, r1527/7, South Island

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

Table with 5 columns: CMAR, Chiang Mai Arr, 32.21 301 P, P, 11 18 28.8 +0.3

WEL 04 11:22:08.9, 42°S, 174°E, 10, h9km, 18km, M2.6/12, mB4.6/1, ML2.6/19, MLv2.6/12, Mw(mb)3.8/1, Error ellipse: s-maj=0.0km s-min=0.0km az=74.5, South Island

Table with 10 columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC

UPA 04 11:34:26.9, 1.0, 9.46N, 84.12W, h20km, 33km, MW3.8 UCR 04 11:34:29.8, 1.6, 9.50N, 83.93W, h26km, 1km, MW3.8

INET 04 11:34:29.9, 1.3, 9.53N, 83.96W, h10km, 5km, MW3.7 ISC 04 11:34:29.9, 0.9, 9.47N, 0.03, 83.95W, 0.03, h31km, 5km, nS7, 0677780, 5C-4D, Costa Rica

Table with 10 columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC

IDC 04 11:35:35.3, 1.9, 5.50S, 147.31E, h147km, 18km, mb3.3/4, mbmp3.9/7, MS3.5/1, Error ellipse: s-maj=28.8km s-min=10.7km az=123

ISC 04 11:35:37.9, 0.9, 5.52S, 0.10, 147.5E, 0.1, h170km, n15, s=174/17, mb3.6/5, Eastern New Guinea region

Table with 10 columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC

Table with 10 columns: ASAR, Alice Springs, 22.21 215 P, P, 11 40 21.3 +0.6

NEIC 04 11:38:14.3, 1.9, 5.71S, 150.8, 152.32E, 0.07, h29km, 6km, mb4.3/16, Error ellipse: s-maj=12.1km s-min=9.2km az=159.0

IDC 04 11:38:16.6, 2.5, 5.60S, 151.84E, h50km, 19km, mb3.6/6, mbmp3.9/7, ML2.2/1, MS3.2/7, Error ellipse: s-maj=51.0km s-min=9.6km az=119.0

ISC 04 11:38:14.7, 0.6, 5.70S, 0.06, 152.20E, 0.09, h35km, n4, s=174/41, mb4.0/13, MS3.0/5, New Britain region

Table with 10 columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC

JMA 04 11:40:45.7, 0.0, 35.4N, 0.2, 133.9E, 0.1, h5km, MV0.1/10, EASTERN TOTTORI PREF, Western Honshu

Table with 10 columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC

NEIC 04 11:42:21.7, 1.1, 37.20N, 0.05, 141.60E, 0.07, h32km, 4km, mb4.7/39, Error ellipse: s-maj=9.0km s-min=6.0km az=65.0

NIED 04 11:42:23.5, 37.20N, 141.53E, h36km, MW4.2, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; M1=1.96; M2=0.99; M3=0.98; M4=1.09; M5=1.31; M6=0.21; Fault plane solution: M2, 2.41000x10^15 NPI; q=241.00000°, 359.00000°, -1.71.00000°. NP2=28.00000°, 836.00000°, -118.00000°

JMA 04 11:42:23.0, 0.2, 37.2N, 0.4, 142.2E, h36km, 1km, MD4.6/40, MW4.3/40, C OF FUKUSHIMA PREF

JMA F041111 at E FUKUSHIMA PREF MOS 04 11:42:23.9, 1.1, 37.20N, 141.46E, h35km, mb4.9/28, Error ellipse: s-maj=9.4km s-min=5.6km az=113.1

IDC 04 11:42:28.7, 1.8, 37.10N, 141.45E, h56km, 17km, mb3.9/24, mbmp4.1/30, ML3.3/45, MS3.3/31, Error ellipse: s-maj=13.8km s-min=9.4km az=90.0

ISC 04 11:42:23.0, 0.6, 37.18N, 0.03, 141.61E, 0.04, h14km, 3km, n259, s159, 215, mb4.6/70, MS3.5/25, 7C-4D, Near east coast of eastern Honshu

Table with 10 columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC

Table with 10 columns: JMM, Marumori, 0.94 317 P, P, 11 42 39.5 -1.6

NEIC 04 11:42:23.5, 37.20N, 141.53E, h36km, MW4.2, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; M1=1.96; M2=0.99; M3=0.98; M4=1.09; M5=1.31; M6=0.21; Fault plane solution: M2, 2.41000x10^15 NPI; q=241.00000°, 359.00000°, -1.71.00000°. NP2=28.00000°, 836.00000°, -118.00000°

JMA 04 11:42:23.0, 0.2, 37.2N, 0.4, 142.2E, h36km, 1km, MD4.6/40, MW4.3/40, C OF FUKUSHIMA PREF

JMA F041111 at E FUKUSHIMA PREF MOS 04 11:42:23.9, 1.1, 37.20N, 141.46E, h35km, mb4.9/28, Error ellipse: s-maj=9.4km s-min=5.6km az=113.1

IDC 04 11:42:28.7, 1.8, 37.10N, 141.45E, h56km, 17km, mb3.9/24, mbmp4.1/30, ML3.3/45, MS3.3/31, Error ellipse: s-maj=13.8km s-min=9.4km az=90.0

ISC 04 11:42:23.0, 0.6, 37.18N, 0.03, 141.61E, 0.04, h14km, 3km, n259, s159, 215, mb4.6/70, MS3.5/25, 7C-4D, Near east coast of eastern Honshu

Table with 10 columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC

ISC 04 11:56:44.4:1.0, 22.8N:0.1:143.6E:0.3, h48km, n15, a1517/12, mb3.6/9, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Guam, Karray, WAKE ISLAND, etc.

JMA 04 12:39:51.6:0.2, 30.1N:1.4:121.2E:1.1, h60km, MV4.4/2.0, NEAR TORISHIMA IS

NEAR TORISHIMA IS

ISC 04 12:39:52.7:0.9, 29.88N:140.75E, h96km, mb3.7/16, mbmp4.1/21, MS2.6/3, Error ellipse: s-maj=24.3km

s-min=7.2km az=71.0

NEIC 04 12:39:52.5:1.5, 30.01N:0.0:141.0E:0.2, h101km, 7km, mb4.5/25, Error ellipse: s-maj=28.5km s-min=9.5km az=74.0

ISC-EH 04 12:39:52.9, 29.98N:140.86E, h100km, 5km, Error ellipse: s-maj=10.5km s-min=4.1km az=74.0

ISC 04 12:39:52.4:0.5, 30.01N:0.0:141.03E:0.09, h100km, n96, a1540/106, mb4.3/30, Southeast of Honshu

Main table of station data for the first section, including stations like JAOM, CBJJ, Chichijima, etc.

Main table of station data for the second section, including stations like OHTO, CMAR, MTN, etc.

REN 04 13:08:19.3:0.8, 39.38N:0.04:115.44W:0.05, h2km, 6km, ML3.2/13, ML2.9/11(NEIC), Error ellipse: s-maj=5.9km

s-min=4.4km az=47.0

ANF 04 13:08:19.4:1.2, 39.35N:115.37W, h1km, ML3.2/12, Error ellipse: s-maj=21.4km s-min=7.2km az=125.0

NEIC 04 13:08:19.4:0.6, 39.37N:0.04:115.46W:0.04, h7km, 6km, Error ellipse: s-maj=5.6km s-min=3.6km az=207.0

ISC 04 13:08:18.8:1.5, 39.39N:0.03:115.45W:0.03, h2km, 12km, n85, c075/82, Nevada

Main table of station data for the third section, including stations like Q12A, Spring Creek, etc.

Main table of station data for the fourth section, including stations like NVAR, MVU, LCH, etc.

ISC 04 13:14:26.5:2.0, 7.71S:119.07E, h0km, mb3.1/2, mbmp3.1/4, ML3.0/2, MS1.7/1, Error ellipse: s-maj=45.8km s-min=18.0km az=85.0

DJA 04 13:14:28.5:0.3, 8.54S:111.9E, h10km, M3.6/12, mb3.9/1, Mjma3.5/12, ML3.6/12, MLv3.5/12, Ms(BB)3.4/10

ISC 04 13:14:31.0:1.0, 7.77S:0.07:119.00E:0.07, h35km, n13,

4d 13h

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, ISC. Includes stations like PLAI Plampang, BSSI Singaraja, TWSI Taliwang, etc.

IDC 04 13:15:41.9-0.6, 62°06'N-151°34'W, h0km, mb4, 1/23, mbmp4.1/26, ML3, 8/3, MS3, 5/38, Error ellipse: s-maj=13.3km, m-min=10.5km, az=172.0

Alaska

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, ISC. Includes stations like SKT Skwentna, M22K Willow, CUT Chulitna, etc.

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Table with columns: M23K, Station Name, Az, Phase, ID, ISC, Time, Res, ISC. Includes stations like Glacier View, Castle Rocks, KATH Kantishna Hill, etc.

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Table with columns: MLY, Station Name, Az, Phase, ID, ISC, Time, Res, ISC. Includes stations like Bremmer River, CIGO, UAF Yank, etc.

Table of astronomical observations for 4d 13h, listing station names, coordinates, and observation times.

Table of astronomical observations for 2016 DEC, listing station names, coordinates, and observation times.

Table of astronomical observations for 238, listing station names, coordinates, and observation times.

4d 14h

Table with columns: STKA, Stephens Creek, 42.68 241, P, P, 14 22 15.9 +0.4, etc. Lists various astronomical objects and their properties.

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Table with columns: KNCB, Kanab, 78.82 46, P, P, 14 26 19.4 -1.1, etc. Lists astronomical objects with detailed coordinates and magnitudes.

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Table with columns: KHC, ANTO, Ankara, 147.41 320, ex, x, 14 34 05.9, etc. Lists astronomical objects, including a section for TAP 04 14:16:00.5, 23:98N-121:02E, h12km, ML1.4, 2C, A, Taiwan.

2016 DEC

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

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GLB, LLO5, MLTY, etc.

IDD 04 15:24:40.0-1.20.46S:178.03W, h517km, 15km, mb3.3/11, mbmp4.2/14, Error ellipse: s-maj=23.7km s-min=14.1km az=128.0

NEIC 04 15:24:39.6-1.4.20.4S:0.1x178.0W:0.1, h515km, 8km, mb4.4/62, Error ellipse: s-maj=17.3km s-min=16.1km az=135.0

ISC-EH 04 15:24:40.6, 20.46S:178.04W, h526km, 5km, Error ellipse: s-maj=7.9km s-min=4.7km az=93.0

ISC 04 15:24:40.7-0.4.20.39S:177.97W, 0.07, h534km, n158, r1979/169, mb4.3/42, 1D, Fijii Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MSVF, NIUE, AFI, etc.

NOU 04 15:39:01.0, 42.62S:174.01E, h0km, MLV3.7/9, Off E. Coast of S. Island, N.Z. WEL 04 15:39:04.2, 0.6, 42.5, 174.01E, h11km, 3km, M3, 1/31, ML3.4/13, MLV3.1/31, Error ellipse: s-maj=0.0km s-min=0.0km az=129.0, confirmed

ISC 04 15:39:01.8-1.4.42.58S:0.04x173.97E:0.05, h6km, 1.3km, n83, r1590/85, South Island

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KHZ, KHZ, KHZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ODDZ Otahua Downs, WNVZ Wahianoa, VRZ Vera Road, etc.

IDC 04 15:58:29.4.2, 6.52S, 170.23E, h0km, mb3.4/1, mbmtp3.1/3, ML2.9/2, Error ellipse: s-maj=143.0km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array.

WEL 04 16:16:52.0.3, 42.32S, 174.47E, h5km, M2,7/22, ML2.9/12, MLv2.7/22, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BSWZ Blackbirch Sta, KHZ Kahutara, TUWZ Tuamarina, etc.

WEL 04 16:24:09.6.1, 2.32S, 178.0W, 1.4, h33km, M4,4/25, mB5.0/16, ML4.6/25, MLV4.5/25, Mw(mB)4.3/13, Error ellipse: s-maj=0.0km

NOU 04 16:24:27.7, 34.24S, 179.45E, h369km, MLV4.1/6, South of Kermadec Islands

ISC 04 16:24:17.5, 3.6, 33.0S, 0.2, 179.5E, 0.2, h350km, n75, c215/80, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakoaka Point, KUZ Kuatotu, WNGZ Waionatani S, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RTZ Ruatuhuna, HRRZ Handcock Road, SNGZ Shannon Statio, etc.

IDC 04 16:31:26.5, 0.7, 29.89N, 138.96E, h414km, 10km, mb3.0/12, mbmtp3.8/17, Error ellipse: s-maj=21.6km

JMA 04 16:31:27.6, 0.3, 30.1N, 12.13E, h427km, MV3.5/28, NEAR TORISHIMA IS

ISC 04 16:31:26.6, 0.6, 29.97N, 0.07, 139.1E, 0.1, h421km, n26, c185/31, mb3.1/11, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JHJ Hachijo jima 2, CBJ Chichi jima, JCU Chichijima, etc.

NOU 04 16:41:48.7, 42.15S, 174.15E, h17km, MLv4.0/9, Off E. Coast of S. Island, N.Z.

WEL 04 16:41:48.7, 0.4, 42.32S, 177.47E, h10km, 3km, M3,2/20, ML3.5/13, MLv3.2/20, Error ellipse: s-maj=0.0km

ISC 04 16:41:48.0, 0.9, 42.01S, 174.06E, 0.03, h17km, n82, c191/85, Off east coast of South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BSWZ Cape Campbell, KHZ Kahutara, TUWZ Tuamarina, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like QRZ Quartz Range, DRZ Quartz Range, DSZ Denniston Nort, etc.

NOU 04 16:43:05.4, 42.40S, 174.22E, h0km, MLV4.2/9, Off E. Coast of S. Island, N.Z.

WEL 04 16:43:10.1, 0.3, 42.52S, 177.47E, h5km, M3,6/35, ML3.9/12, MLv3.6/35, Error ellipse: s-maj=0.0km

ISC 04 16:43:10.0, 0.1, 42.19S, 0.03, 173.78E, 0.04, h22km, 5km, n92, c196/98, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KHZ Kahutara, BSWZ Blackbirch Sta, BSWZ Cape Campbell, etc.

4d 18h

Table with columns: Station Name, Azimuth, Elevation, P, M, N, Residual. Includes stations like Waionatitini S, Army Base, Kuz, etc.

IDC 04 16:43:59.1.6.4, 2401N, 14178E, h146km, 122km, mb2.9/2, mbtmp3.5/4, ML3.2/2, Error ellipse: s-maj=229.7km s-min=58.2km az=76.0, Volcano Islands region

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

IDC 04 16:45:33.4.2.6, 5.60S, 117.86E, h0km, mb3.0/3, mbtmp3.1/3, Error ellipse: s-maj=259.8km s-min=28.6km az=54.0, Java Sea

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

WEL 04 17:08:35.6.1.7, 33.3S, 36.17E, h437km, 54km, M3.6/1, mB4.1/7, MLV4.0/1, Mw(mB)3.1/7, Error ellipse: s-maj=0.1km s-min=0.0km az=106.2, confirmed, South of Kermadec Islands

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

DJA 04 17:18:34.5.1.3, 8.5S, 8.11E, h24km, 17km, M3.6/1, Mima3.2/1, ML3.7/1, MLV3.6/1, Ms(BB)3.4/7, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Plampang, Taliwang, Singaraja, etc.

ZUR 04 17:40:34.5, 46.37N, 7.57E, h6km, 1km, MLH0.5/3, 1C-1D, Error ellipse: s-maj=2.9km s-min=0.7km az=86.0, Switzerland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Leukerbad 2, Zeuzier, Staus, etc.

ROM 04 17:42:22.7.0.1, 42.568N, 0.004, 13.289E, 0.005, h11km, ML1.4/9, 5C-3D, Error ellipse: s-maj=0.5km s-min=0.3km az=177.0, Central Italy

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

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Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NERCA, Norcia, MMT01, etc.

IDC 04 17:43:19.8.1.7, 5.85S, 152.34E, h0km, mb3.5/3, mbtmp3.6/4, ML1.4/1, MS2.8/2, Error ellipse: s-maj=44.1km s-min=17.7km az=111.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Keravat (AS076), Port Moresby, Warramunga Arr, etc.

NIED 04 17:48:32.6.38.69N, 141.68E, h67km, MW3.6, Moment Tensor Solution, s3, Moment tensor: Scale 10^14Nm; Mn:1.56; Mo-0.42; Mw:1.14; Ms-0.42; Mw0.42; Mw-2.49; Fault plane solution: M2.88000x10^14 NP1: phi=184.00000, 876.00000, 100.00000. NP2: phi=327.00000, 817.00000, 154.00000.

JMA 04 17:48:32.6.0.1, 38.7N, 0.2:141.7E, 0.4, h67km, MV3.7/40, KINKAZAN REGION

JMA Felt II J1 at KINKAZAN REGION. IDC 04 17:48:33.7.2.6, 38.63N, 141.61E, h85km, 23km, mb3.2/8, mbtmp3.6/12, Error ellipse: s-maj=26.2km s-min=14.5km az=79.0, Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kesennumamotoy, Ouri, Ofunato, etc.

H1N2 WAKE ISLAND Hy 28.79 124 T T 18 24 44.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WAKE ISLAND Hy, WAKE ISLAND Hy, etc.

IDC 04 18:01:21.5.4.4, 4.73N, 126.48E, h17km, 29km, mb3.7/7, mbtmp3.9/10, ML4.0/3, MS3.0/2, Error ellipse: s-maj=48.1km s-min=13.7km az=71.0

NEIC 04 18:01:23.4.1.6, 5.37N, 0.09, 127.6E, 0.1, h35km, 2km, mb4.2/14, Error ellipse: s-maj=2.5km s-min=12.0km az=66.0

MAN 04 18:01:27.0.5.27N, 127.37E, h27km, mb4.9, ML3.8, MS3.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DDMP, DMMP, MATI, etc.

244 DAV Davao City (W) 2.66 315 Pn Pn 18 02 03.2 -2.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Davao City (W), Davao City (W), etc.

IDC 04 18:14:55.0.1.9, 6.25S, 152.16E, h0km, mb3.2/3, mbtmp3.4/4, ML1.4/1, Error ellipse: s-maj=53.0km s-min=19.7km az=113.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Keravat (AS076), Port Moresby, Warramunga Arr, etc.

IDC 04 18:14:55.0.1.9, 6.25S, 152.16E, h0km, mb3.2/3, mbtmp3.4/4, ML1.4/1, Error ellipse: s-maj=53.0km s-min=19.7km az=113.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Keravat (AS076), Port Moresby, Warramunga Arr, etc.

IDC 04 18:14:55.0.1.9, 6.25S, 152.16E, h0km, mb3.2/3, mbtmp3.4/4, ML1.4/1, Error ellipse: s-maj=53.0km s-min=19.7km az=113.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Keravat (AS076), Port Moresby, Warramunga Arr, etc.

SJA 04 18:14:54.0.7.20, 98S, 66.76W, h253km, 5km, ML4.4, MW4.1

IDC 04 18:14:55.4.0.7, 20.97S, 66.67W, h223km, 7km, mb3.9/10, mbtmp4.4/18, Error ellipse: s-maj=11.3km s-min=9.3km az=101.0

ISC-EH 04 18:14:55.8.20.96S, 66.77W, h233km, 2km, Error ellipse: s-maj=3.6km s-min=2.8km az=36.0

NEIC 04 18:14:56.2.2.6, 21.03S, 0.06, 66.78W, 0.07, h244km, 8km, mb4.6/48, Error ellipse: s-maj=11.2km s-min=6.6km az=54.0

VAO 04 18:14:56.6.0.3, 20.88S, 66.72W, h236km, 4km, mb4.5, SCB 04 18:14:56.1.1.2, 21.02S, 66.75W, h248km, 7km, ML4.3/5, MW4.3, Error ellipse: s-maj=3.2km s-min=2.9km az=0.0

ISC 04 18:14:55.5.0.5, 20.99S, 0.07, 66.79W, 0.04, h234km, 5km, n264, s127/305, mb4.5/30, 17C, Southern Bolivia

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

4d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like VNSA, MBAR, KMBO, etc.

AUST 04 18:56:07.9-0.8, 29.865S, 137.67E, h10km, Error ellipse: s-maj=14.1km s-min=7.1km az=52.0

ISC 04 18:56:07.7-1.0, 29.825S, 137.666E, 0.07, h10km, n14, az=46.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like LCRK, OOD, MULG, etc.

JMA 04 19:14:02.5-0.3, 24.0N, 0:8-12'E, h0km, MV2.8/8, TAIWAN REGION

TAP 04 19:14:02.2411N, 121.71E, h0km, ML3.2, C

ISC 04 19:14:05.0-0.8, 24.13N, 0:0-1:121.73E, 0.02, h10km, 5km, n116, az=94/182, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like ETL, NACB, TWD, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like CHGB, ENTT, EGFH, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like ELDTW, JYNG, WDLH, etc.

ISC 04 19:21:34.4-0.9, 15.40S, 71.01W, h0km, mb4.2/7, mbmp4.2/8, ML4.1/1, MS3.6/21, Error ellipse: s-maj=4.1km s-min=2.7km az=55.0

NEIC 04 19:21:34.9-2.8, 15.27S, 0:06-70.86W, 0.10, h10km, 2km, mb4.3/9, ML4.4(ARE), Error ellipse: s-maj=16.2km s-min=9.2km az=257.0

ARE 04 19:21:37.5-0.1, 15.54S, 0:06-70.86W, 0.1, h10km, 6km, Error ellipse: s-maj=0.0km s-min=0.0km az=178.0

VAO 04 19:21:39.4-1.2, 15.34S, 70.80W, h31km, 12km, mb4.4

ISC 04 19:21:35.5-0.6, 15.32S, 0:06-70.84W, 0.07, h10km, n90, az=156/69, mb3.4/10, MS3.7/15, Southern Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like PB18, LPAZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Saint Saulge, Bois d'Angland, Colim, Toulx Ste Croi.

IDC 04 20:31:43.6:1.0, 21.90S:68.18W, h113km, mb3.1/1, mbmp3.7/5, Error ellipse: s-maj=27.7km s-min=20.1km az=125.0

VAO 04 20:31:43.2:0.8, 21.67S:68.57W, h125km, mb4.2 GUC 04 20:31:45.4:0.7, 21.83S:68.51W, h117km, mb3.7, ML3.7

ISC 04 20:31:43.5:0.7, 21.83S:0.04:68.44W, h123km, 7km, n37, r155/57, 10C, Chile-Bolivia border region

Main table for station 251, listing various stations like IPOC Station P, Limon Verde, Limon Verde, Limon Verde, IPOC Station P, etc.

IDC 04 20:43:35.0:0.6, 37.67N:141.43E, h60km, mb3.7/1/7, mbmp4.0/22, MS2.8/6, Error ellipse: s-maj=14.8km s-min=9.8km az=90.0

ISC-EH 04 20:43:35.0, 37.77N:141.53E, h61km, 2km, Error ellipse: s-maj=5.0km s-min=3.6km az=122.0

NEIC 04 20:43:35.1: 1.7, 37.81N:0.06:141.52E:0.05, h63km, 7km, mb4.3/30, Error ellipse: s-maj=9.4km s-min=2.5km az=211.0

NIED 04 20:43:35.3, 37.75N:141.45E, h61km, MW3.9, Moment Tensor Solution, s-3 Moment tensor: Scale 1014Nm; Mn:6.82; Mw:2.36; Ms:4.46; Mv:1.92; Mw:1.05;

Fault plane solution: Ms:10.000x10^14 NP1:0.58.000000, 0.65.000000, 1.08.000000. NP2:0.201.000000, 0.30.000000, 1.57.000000.

JMA 04 20:43:35.3:0.1, 37.8N:0.2:141.5E:0.3, h61km, MD3.0/4.0, MV4.2/4.0, E OFF FUKUSHIMA PREF

JMA Felt II J1 at E OFF FUKUSHIMA PREF. ISC 04 20:43:34.6:0.6, 37.71N:0.04:141.59E:0.06, h60km, 4km, n115, r192/410, mb4.3/33, 11D, Near east coast of eastern Honshu

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

Main table for station 2016 DEC, listing various stations like Marumori, Marumori, Kawouchi, Kawouchi, Ouri, Ouri, Okura, Okura, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Dot Lake, Borovoye Array, Borovoye Array, etc.

IDC 04 20:48:09.8:4.5, 19.81S:177.32W, h0km, mb3.6/3, mbtmp3.6/3, Error ellipse: s-maj=185.0km s-min=57.4km az=143.0, Fiji Islands region

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

IDC 04 21:01:23.6:1.9, 43.52N:105.28W, h0km, mb3.8/1, mbtmp5.6/8km, az=151.0

NEIC 04 21:01:24.4: 1.8, 43.79N:0.05:105.36W:0.06, h0km, 2km, ML3.3/70, Error ellipse: s-maj=9.2km s-min=6.5km az=337.0

ISC 04 21:01:24.1: 1.0, 43.80N:0.06:105.33W:0.06, h0km, n55, r090/54, Wyoming

Main table for station 4d 21h, listing various stations like Black Hills, Casper, Pilot Hill, Rawlins, Red Feather L, Boulder Array, etc.

Table with columns: IZ7K, WAT6, INK, INK, INK, J26L, J26L, PMR, RIDG, RIDG, RC01, ESDC, ESDC, SML, SCRK, SCRK, G30M, KNK, M23K, PAX, PAX, PAX, PAX, DOT, EGAK, EGAK, EGAK, F31M, EPYK, M24K, M24K, K27K, K27K, M29K, M29K, C36M, L26K, TAM, TAM, KLU, KLU, L27K, L27K, DAWY, M26K, N25K, N25K, M27K, M27K, BVCY, MCAR, L29M, QLP, HNR, BBOO, BBOO, BBOO, BFOO, SFJD, SFJD, SFJD, BARN, M29M, LSZ, O28M, WHYH, YUK4, MDT, N30M, M31M, M31M, HYT, N31M, N31M, O29M, HTT, STKA, STKA, O30M, RMQ, RMQ, P33M, TG2N, CMSA, R33M, DLBC

Table with columns: DLBC, DLBC, FRB, ARPS, S34M, YKA, ARMA, LBTB, LBTB, TSUM, BOS, BOS, WAPA, BBB, DZM, DZM, EDM, DBIC, DBIC, DBIC, FFC, FFC, FFC, NEW, MSVF, YBH, NVAR, TXAR, TXAR, VNA, TROLL, SNA, SNA, SNA, GSPA, PPT2, PPT2, VNA, VNA, VNA, TBI, ROSC, ROSC, VILB, CPUP, WEL, TKW, PLWZ, DSZ, DUWZ, MSWZ, CKCZ, CAW, OXZ, PAWZ, PARU, MOZ, INZ, KIW, AKCZ, TRWZ, MTW, CGWZ, RACZ, MHCC, WACZ, MRZ, WVZ, RPZ, POWZ, ARZ, BFZ, GFZ, WAZ, TSZ, TMZ, PKE, MOVZ, INZ, TRVZ, LVBZ, WHVZ, TUWZ, SNVZ, OTVZ, NTVZ, ETVZ, TMVZ, NTVZ, OJZ, JCYZ, HHSZ, EAZ, TUZ, MCVZ, APZ

Table with columns: mB5, JMA, MW4, NIED, MOS, NEIC, GCMT, Code, Station Name, Phase ID, Time, Res, ISC

WEL 04 21:37:01.70, 3.42, S22.2, 17.4E, h10km, 3km, M3.4/24, ML3.6/13, MLV3.4/24, Error ellipse: s-maj=0.0km, s-min=0.0km az=117.4, confirmed, South Island

ISC 04 21:48:25.9, 0.5, 33.96N, 142.40E, 0.04, h42km, 4km, 25C-27P, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lotru, Dobruska-Polom, BMRD, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like T1256, T1255, T1256, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like O53A New Philadelphia, OXF Oxford, L59A Walton, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like TX32 Lajitas Array, CBKS Cedar Bluff, E38A The Farm, Brul, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like HLID Hailey, BFSC Mount Baldy Ra, MPMC Manual Prospec, etc.

5d 1h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like BW06 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like VASR Vaslui, CLL Colim, OSTC Ostas, etc.

ROM 05 01:02:11.0.0.0, 42:569N, 0:003:13:284E, 0:004, h11km, ML1.7/21, 4C-7D, Error ellipse: s-maj=0.3km s-min=0.3km az=205.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, and other parameters. Includes stations like SMA1 SAN MARTINO, RM33 Pellescritta, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like AQU, GIGS Gran Sasso, GIGS, etc.

ATH 05 01:02:30.0, 38:41N-21:92E, h9km, 2km, ML1.8/6, Error ellipse: s-maj=2.1km s-min=0.7km az=89.0, Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, and other parameters. Includes stations like EFP Eftalio, EFP, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other details. Includes entries like FETA, YKA, DAVA, YBH, YBL, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other details. Includes entries like EGMT, SWCS, V12A, DUG, NEE2, SFJD, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other details. Includes entries like AGNM, D32B, T25A, OGNE, SUSD, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CCM, MIAR, MT09, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CNNC, Y58A, V61A, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ZARC, MACC, SMRC, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like Sharon Grove, Carrollton, Idaho Springs, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like R50A, G40A, Q49A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like NCB Newcomb, CMIG Matias Romero, etc.

IDC 05 03:28:51.1±2.1, 24.59N-122.49E, h0km, mb3.5/5, mbmp3.5/5, MS3.3/1, Error ellipse: s-maj=167.4km s-min=22.2km az=65.0 JMA 05 03:28:54.7±0.3, 24.1N±2.122.1E±0.7, h50km±3km, MV3.5/10, TAIWAN REGION TAP 05 03:28:55.6, 24.29N-122.10E, h26km, ML4.0, C ISC 05 03:28:55.2±0.2, 24.23N-122.13E±0.02, h23km±9km, n137, ±114/224, mb3.4/5, 34C-25D, TAIWAN region

5d 3h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SX11 Grass Mountain, NWF Wu-fen Shan, TWA Mucha, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WTP Ta-pu, TWGBT Beinan, TWG Pinlang, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like NRCA Norcia, T1216 Preci, T1256 Bolognola, etc.

PRU 05 03:31:31.6:0.0, 42.93N: 13.86E, h10km
ROM 05 03:31:29.1:0.1, 42.917N: 0.003:13.147E:0.004,
h8km, ML2.9/48, 30C-22D, Error ellipse: s-maj=0.3km
s-min=0.1km az=283.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MC2 Monte Cornacci, T1245 Castelsantange, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like RM33, EL6, CAMP, ARRO, T1211, TERO, ATCC, CING, FOSV, T1247, CESX, GIGS, MURB, PP3, TRTR, SSFR, AQU, ARVD, ATFO, FIAM, FRON, AVTO, CORI, FAGN, VCEL, and ATPI.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ATPI, PIEI, MPAG, FSSB, T0110, PE3, SACS, OBKA, ABTA, KBA, FETA, WTTA, SQTA, WATA, MOTA, BIOA, RETA, DAVA, MOA, CONA, KHC, GLSP, SCPH, BUTP, BISLIG, MAASIN, CGP, GHPB, TABP, ORMOC, TAGBILARAN, BORONGAN, LAPU-LAPU, LSIPI, DAVAO, DAV, MATI, KCP, DCPH, CTBH, PAGZ, CATARAN, DMMP, CNOP, GUILM, RCP, PVCP, WRA, and ASAR.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H11S1, H11S2, H11N1, H11N2, STKA, MKAR, and VNSA.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BSWZ, TUWZ, TCW, KHZ, WEL, NZ, PLWZ, THZ, CAW, DUWZ, KIW, MTW, OGWZ, HOWZ, MRZ, LTZ, RAHZ, and WTAZ.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HAZ, RUGZ, URZ, MXZ, PKGZ, MWZ, MUGZ, TWGZ, WMGZ, PUZ, RAGZ, RTZ, TKGZ, SNGZ, CNZ, MTHZ, RIGZ, MRHZ, NMHZ, KNZ, BKZ, KWHZ, MCHZ, BHHZ, CKHZ, KAHZ, PNHZ, PYZ, TSZ, PRHZ, KIW, and BSWZ.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KHZ, BSWZ, GWZ, TUWZ, THZ, TCW, AMWZ, PLWZ, NZ, LTZ, MRNZ, OKCZ, PAWZ, CAW, TNKZ, DUWZ, MQZ, TRWZ, KWZ, MTW, KIW, DSZ, RAGZ, RWZ, PRWZ, BFZ, WYZ, RPZ, ARZ, WAZ, GSZ, TMZ, PNHZ, KHEZ, PKEZ, FZ, PKVZ, and WNVZ.

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

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT2, PPT2, TBI, etc.

MAN 05 04:15:56.1, 9.20N, 125.64E, h28km, mb4.0, ML2.8, MS2.3, 4C-2D, Mindanao

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT2, PPT2, TBI, etc.

IDC 05 04:38:08.9, 3.8, 42.00S, 173.62E, h0km, mb3.5/2, mbmp3.5/3, ML3.4/1, MS3.0/1, Error ellipse: s-maj=76.2km

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WB2, WRAB, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT2, PPT2, TBI, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WB2, WRAB, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT2, PPT2, TBI, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WB2, WRAB, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT2, PPT2, TBI, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WB2, WRAB, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT2, PPT2, TBI, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WB2, WRAB, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT2, PPT2, TBI, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WB2, WRAB, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT2, PPT2, TBI, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WB2, WRAB, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT2, PPT2, TBI, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WB2, WRAB, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT2, PPT2, TBI, etc.

SSNC 05 05:12:12.7, 1.5, 18.64N, 73.41W, h20km, 11km, MD3.3, ML1.8, MWV2.5

OSPL 05 05:12:12.2, 1.9, 18.66N, 73.55W, h0km, 9km, ML1.9, ISC 05 05:12:09.4, 1.6, 18.73N, 0.09, 73.50W, 0.05, h6km, 12km, n12, 19/09/24, 1D, Hailt region

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

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

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

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

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

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

IDC 05 04:51:42.4, 2.9, 15.43S, 174.72W, h0km, mb3.7/5, mbmp3.7/5, MS3.5/12, Error ellipse: s-maj=167.4km

ISC 05 04:51:42.2, 2.5, 15.8S, 0.9, 174.3W, 0.6, h10km, n33, 186/8, mb3.7/5, MS3.7/10, Tonga Islands

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

NEIC 05 05:19:36.8, 2.5, 6.38S, 0.06, 122.97E, 0.07, h10km, 1km, mb4.2/12, Error ellipse: s-maj=1.3km s-min=9.8km

IDC 05 05:19:36.4, 0.8, 6.31S, 122.89E, h0km, mb4.3/7, mbmp4.3/10, ML3.8/3, MS3.4/15, Error ellipse: s-maj=54.6km s-min=15.9km az=61.0

DJA 05 05:19:40.1, 0.8, 6.32S, 122.97E, 0.07, h33km, 12km, M4.5/22, mb4.5/18, mb5.3/6, ML4.3/22, MW(MB)4.7/6

ISC 05 05:19:36.9, 0.5, 6.36S, 0.06, 122.91E, 0.06, h10km, n67, 184/62, mb4.4/10, MS3.4/11, Flores Sea

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like PLAI Plampang, TWSI Tallwang, MRSI Marisa, etc.

IDC 05:05:25.56:3.9, 23.63N:94.63E, h117km, 33km, mb3.6/8, mbtp4.0/8, Error ellipse: s-maj=65.7km s-min=14.3km az=59.0

NDI 05:05:25.57:7.1, 0.23:82N:94.46E, h124km, 9km, ML3.9

ISC 05:05:25.55:0.9, 23.77N:100.94:60E:0.09, h100km, n16, c209/25, mb4.1/8, Myanmar-India border region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like IMP Imphal, MOKO MOKOCHONG, SHL Shilong, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like LSA, MKAR Makanchi Array, MKAR, SONM Songoing Array, etc.

IDC 05:05:41:22.3:2.2, 20.81S:177.53W, h0km, mb3.6/4, mbtp3.6/4, Error ellipse: s-maj=197.3km s-min=33.6km az=158.0, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

NEIC 05:06:10:01.5:2.3, 17.0S:0.1:179.02W:0.04, h519km, 6km, mb4.3/63, Error ellipse: s-maj=20.3km s-min=2.9km az=164.0

IDC 05:06:10:02.5:1.1, 16.92S:179.07W, h534km, 13km, mb3.7/16, mbtp4.5/19, Error ellipse: s-maj=17.4km s-min=10.9km az=147.0

ISC-EH 05:06:10:03.3, 16.98S:179.01W, h543km, 4km, Error ellipse: s-maj=9.5km s-min=5.0km az=142.0

ISC 05:06:10:02.1:0.4, 16.97S:0.09:178.98W:0.07, h533km, n163, c192/167, mb4.2/49, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like MSVF Nonsavu, MSVF Nonsavu, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ASAR, etc.

5d 6h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like YKA, A36M, KURBB, etc.

OTT 05 06:14:02.5-0.2, 73.45N:69.92W, h18km, ML3.2/4, 275km east from Pond Inlet, Nu Baffin Bay Seismic Zone.

DNK 05 06:14:07.5-3.1, 73.60N:69.88W, h36km, 40km, ML1.8

ISC 05 06:15:58.3-0.8, 73.49N:0.05:70.01W, 0.05, h10km, n15, #29127, Baffin Bay

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

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

ISC 05 06:25:23.1-1.1, 31.87N:104.39E, h0km, mb3.7/6, mbtmp3.7/7, ML3.2/1, Error ellipse: s-maj=45.3km

ISC 05 06:25:25.1-1.4, 31.9N:02:104.4E:0.12, h5km, m7, #0867, mb3.8/5, Sichuan

SONM Songoing Array 15.99 5 Pn 06 29 10.1 +0.1

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HAWA Hanford, HAWA HAWA, LTY Liberty, BMO Blue Mountains, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZAAO Zalesovo Array, ZAAO 22m,1.1s, KURBB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES FINES Array B, NOA NORSTAR Array B, AKASG Malin Array Be, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BOSHA, OUZ, TSUM, LBTB, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like QUOK, MGMO, TUC, OK044, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GAR, KK31, KARAT, etc.

IDC 05:07:46:25.9:1.0,24:08N:102:93E,h0km,mb3.5/7,mbmp3.5/7,MS3.0/3, Error ellipse: s-maj=31.2km

ISC 05:07:46:27.6:1.1,24:22N:101:103E:0.2,h10km,n10, s=128R,h,mb3.57,Yunnan

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CMAR, CMAR, CMAR, etc.

DDA 05:07:53:28.5:0.0,35:75N:27:95E,h10km,3km,ML2.4

ISK 05:07:53:29.6:35:79N:27:95E,h14km,ML2.6/12

ATH 05:07:53:30.6:35:76N:27:94E,h5km,31km,ML2.2/2, Error ellipse: s-maj=31.6km s-min=1.5km az=0.0

THE 05:07:53:30.9:35:78N:27:90E,h1km,3km,ML2.3/2, Error ellipse: s-maj=8.6km s-min=1.5km az=133.0

ISC 05:07:53:29.9:1.1,35:77N:100:27:97E:0.03,h13km,10km,n37,05S/53,Dodecanese Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ARG, ARG, ARG, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like KIPM Iron Peak, OSUM Sutter Buttes, MAC Mark West Spr, etc.

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Main table with columns: Code, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like ISA Isabella, Lake, ISA Isabella, Lake, ISA Isabella, Lake, etc.

5d 10h

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like ROSC El Rosal, PTGA Pitting, VNA3 Neumayer-Stat, etc.

Table with columns: WBK, Wadi Bani Khal, SNR=528, 5.04 182 P, Pn, 14 26 05.2 -0.6, 14 26 58.3 -4.4, 14 26 07.7 +1.1, 14 26 19.6, 14 26 08.7 +2.1, 14 26 09.5, 14 26 08.6 +1.9, 14 26 09.9 +1.7, 14 27 07.0 -0.1, 14 26 11.3 +2.9, 14 26 11.7 +1.8, 14 26 10.6 +0.4, 14 27 07.9 -2.7, 14 26 13.4 +2.1, 14 26 16.3 +3.8, 14 26 17.5, 14 26 17.8 +2.4, 14 26 18.3 +2.7, 14 26 20.2 +2.6, 14 26 20.2 +2.6, 14 26 21.0 +0.4, 14 26 21.0 +0.4, 14 27 26.5 -2.4, 14 26 24.0 +2.8, 14 26 24.0 +2.9, 14 26 24.0 +2.9, 14 26 22.1 +1.1, 14 26 22.1 +1.1, 14 27 27.7 -2.3, 14 26 22.8 +1.4, 14 26 23.7 +2.3, 14 26 24.7 +2.8, 14 26 24.7 +2.5, 14 26 23.0 +0.2, 14 26 23.4 +0.5, 14 27 29.7 -3.6, 14 26 26.6 +2.4, 14 26 30.1 +2.3, 14 26 29.7 +0.6, 14 26 29.7 +0.6, 14 27 41.7 -2.7, 14 27 41.7 -2.7, 14 26 29.5 +0.1, 14 26 29.3 0.0, 14 27 41.0 -4.1, 14 26 32.4 +1.1, 14 26 32.5 +0.8, 14 26 32.5 +0.8, 14 27 46.4 -2.8, 14 26 32.5 +0.8, 14 26 33.0 0.0, 14 26 36.3 +0.8, 14 26 38.1 +2.5, 14 26 40.0 +1.6, 14 26 42.6 +2.7, 14 26 42.6 +2.7, 14 26 41.5 +1.3, 14 26 40.7 -0.4, 14 26 40.8 -0.4, 14 28 02.6 -3.6, 14 26 44.2 +2.8, 14 26 45.6 +3.1, 14 27 30.4 +1.4, 14 26 43.7 -0.5, 14 26 45.9 +1.1, 14 26 46.8 +2.0, 14 26 45.7 +0.9, 14 28 10.1 -2.6, 14 26 48.4 +1.6, 14 28 14.3 -2.0, 14 26 48.8 +1.4, 14 26 44.0 +2.2, 14 26 52.9 +2.2, 14 26 54.3 +0.3, 14 26 56.3 +1.1, 14 26 59.1 +3.4, 14 26 58.7 +2.5, 14 27 34.3 +0.3, 14 26 59.1 +3.0, 14 26 57.2 +0.6, 14 27 03.0 +4.1, 14 27 03.1 +2.3, 14 27 02.0 +2.3, 14 27 02.4 +2.0, 14 27 05.5 +4.3, 14 27 09.8 +4.1, 14 27 09.9 -0.5, 14 27 10.6 +3.2, 14 27 11.7 +3.9, 14 27 11.7 +3.9, 14 27 11.5 +2.6, 14 27 11.3 +2.0, 14 27 12.3 +0.5, 14 27 17.0 +4.6, 14 27 15.0 +2.0, 14 27 15.1 +1.8, 14 27 16.3 +2.2, 14 27 14.8 -0.5, 14 27 14.8 -0.3, 14 27 14.7 -0.7, 14 27 20.0 +2.8, 14 29 08.5 -2.2, 14 27 20.8 +3.2, 14 27 21.2 +3.6, 14 27 21.2 +2.6, 14 27 21.4 +2.0, 14 27 21.4 +2.0, 14 27 21.3 -1.1, 14 27 21.3 -1.1, 14 27 26.1 +0.6, 14 27 30.7 +4.9, 14 27 30.7 +4.9, 11.03 317 ePn, 11.11 205 P, 14 27 32.2 +2.3, 14 27 29.6 -1.2, 14 27 34.6 +2.6, 14 27 30.9 -1.3, 14 27 33.9 -1.7, 14 27 40.2 +0.2, 14 27 40.9 +0.2, 14 27 44.3 -0.8, 14 27 44.0 -1.3, 14 27 58.9 +2.5, 14 27 52.3 +3.3, 14 27 52.8 +3.3, 14 27 49.9 -0.5, 14 27 52.9 -1.6, 14 27 50.1 -4.6, 14 27 51.1 -3.5, 14 27 50.1 -4.5, 14 28 01.8 +0.4, 14 28 13.9 -2.2

Table with columns: IHRs, Heris, 14 70 319 ePn, Pn, 14 28 18.3 +1.2, 14 28 29.7 +0.2, 14 28 29.7 +0.2, 14 28 44.7 +1.3, 14 28 51.3 +1.4, 14 28 48.2 -1.0, 14 28 52.0 +2.2, 14 28 56.9 +0.3, 14 28 56.9 -0.3, 14 28 56.6 -0.6, 14 28 56.8 -0.6, 14 28 57.7 -1.9, 14 28 56.1 -5.1, 14 29 08.2 -7.1, 14 29 13.0 -2.1, 14 29 19.6 -4.2, 14 32 08.2 -1.7, 14 29 06.2 -0.5, 14 29 08.4 +0.5, 14 32 40.3 +0.1, 14 29 11.5 0.0, 14 29 10.0 -1.2, 14 29 17.4 +1.7, 14 29 15.1 -0.6, 14 38 25.3, 14 29 11.4 -2.5, 14 29 22.4, 14 29 11.3 -3.0, 14 29 11.3 -3.0, 14 29 16.5 -0.2, 14 29 18.2 -0.4, 14 29 20.7 +0.6, 14 29 19.7 -0.4, 14 29 18.9 +0.1, 14 29 22.5 -1.2, 14 29 24.8 +0.5, 14 29 23.5 -1.4, 14 29 26.3 +1.3, 14 29 30.1 +1.1, 14 33 12.8 +0.1, 14 29 29.5 -0.9, 14 29 27.3 -1.1, 14 29 31.4 -0.8, 14 29 32.1 -1.6, 14 29 30.2 -0.3, 14 29 50.0, 14 33 21.2 +0.7, 14 29 35.5 +2.8, 14 29 37.1 +2.8, 14 29 36.2 -0.2, 14 29 41.4 +2.8, 14 29 45.9 +2.3, 14 39 34.3, 14 29 45.3 +1.8, 14 29 45.5 -0.4, 14 30 09.7, 14 29 54.4 +0.4, 14 30 19.1, 14 29 56.0 +1.5, 14 29 56.8 +2.2, 14 29 59.5 +1.3, 14 30 02.6 +1.7, 14 30 04.2 0.0, 14 30 05.3 +1.1, 14 30 04.2 0.0, 14 30 07.3 +2.5, 14 30 04.7 +0.3, 14 30 20.1 -0.5, 14 30 21.4 +0.5, 14 30 22.6, 14 30 21.5 +0.5, 14 30 22.8 +0.4, 14 30 24.4, 14 30 22.8 +0.4, 14 30 23.0 +0.6, 14 41 17.1, 14 30 22.8 +0.3, 14 30 21.0 -1.8, 14 34 44.0 -7.4, 14 33 45.5 -1.7, 14 43 16.1, 14 30 25.0 -0.2, 14 30 25.2 0.0, 14 30 25.4 -0.1, 14 30 25.4 +0.1, 14 30 25.4 +0.1

Table with columns: 5d 14h, 27.35 27c /P, P, 14 30 31.5 +0.2, 28.02 47 eP, P, 14 30 39.1 +1.6, 28.28 294 P, P, 14 30 41.3 +1.4, 28.75 359 P, P, 14 30 43.3 -0.2, 28.75 359c /P, P, 14 30 43.1 -0.5, 28.75 359c /P, P, 14 30 43.5 -0.1, 31.77 313 S, S, 14 31 35.2, 31.77 313 S, S, 14 31 25.5 +1.4, 30.84 37c /P, P, 14 31 03.3 +0.8, 31.46 314 P, P, 14 31 09.6 +1.8, 31.64 350 P, P, 14 31 09.1 -0.1, 31.73 315 P, P, 14 31 11.8 +1.6, 31.74 314 P, P, 14 31 12.5 +2.2, 31.77 313 P, P, 14 31 13.0 +2.5, 31.77 313 P, P, 14 31 10.5 -0.2, 31.95 335f eP, P, 14 31 12.0 +0.1, 32.31 29 P, P, 14 31 14.7 -0.4, 32.31 29 P, P, 14 31 16.0, 32.31 29 P, P, 14 31 15.0 -0.1, 32.31 29 P, P, 14 31 01.0 -0.7, 32.31 324 P, P, 14 36 20.9 -3.1, 32.31 324 P, P, 14 37 36.0 -3.6, 32.31 324 P, P, 14 31 14.7 -0.4, 32.31 324 P, P, 14 31 14.3 -0.9, 32.31 324 P, P, 14 31 14.4 -0.7, 32.31 324 P, P, 14 31 15.3 +0.1, 32.31 324 P, P, 14 31 14.2 -0.9, 32.31 324 P, P, 14 31 16.2, 32.31 324 P, P, 14 31 15.5 +0.3, 32.31 313 P, P, 14 31 16.5 +1.2, 32.31 313 P, P, 14 31 16.5 +1.0, 32.66 296 P, P, 14 31 18.4 -0.1, 32.66 296 P, P, 14 31 31.7, 33.09 316 P, P, 14 31 22.7 +0.6, 33.09 316 P, P, 14 31 21.0 -1.1, 33.16 316 P, P, 14 31 21.3 -1.1, 33.62 303 P, P, 14 31 27.2 +0.4, 33.62 303 P, P, 14 31 27.2 +0.4, 34.63 301 P, P, 14 31 34.6 -0.9, 34.63 301 P, P, 14 32 43.8, 34.84 312 P, P, 14 31 38.8 +1.5, 35.55 220 P, P, 14 31 46.5 +2.6, 35.55 220 P, P, 14 31 44.6 +0.7, 35.56 60 P, P, 14 31 45.6 +1.9, 35.56 60 P, P, 14 31 58.9 -1.3, 35.74 344 eP, P, 14 31 42.5 -2.2, 35.74 344 eP, P, 14 31 44.8, 35.74 344 eP, P, 14 33 05.7 -0.7, 35.74 344 eP, P, 14 31 42.5 -2.2, 35.94 328 eP, P, 14 31 51.5 +5.0, 36.91 299 P, P, 14 31 56.1 +0.9, 36.91 299 P, P, 14 31 55.5 +0.4, 36.91 299 P, P, 14 31 56.7, 37.59 95 ScP, ScP, 14 37 58.8 -0.5, 37.59 95 ScP, ScP, 14 50 51.7, 37.71 300 P, P, 14 32 02.6 +0.8, 37.71 300 P, P, 14 32 03.3 +0.6, 37.71 300 P, P, 14 32 03.3 +0.6, 37.97 303 P, P, 14 32 04.2 +0.2, 37.97 303 P, P, 14 32 57.3, 38.58 66 P, P, 14 32 11.8 +2.5, 38.58 66 P, P, 14 32 28.8 +2.8, 38.58 66 P, P, 14 32 35.9 +2.1, 38.77 313 eP, P, 14 32 28.3 +1.0, 38.77 313 eP, P, 14 32 32.6 +2.4, 39.17 312 eP, P, 14 32 29.8 -0.9, 39.17 312 eP, P, 14 32 35.3 +3.0, 39.17 312 eP, P, 14 32 17.5 +1.8, 39.17 312 eP, P, 14 32 39.2 -2.3, 39.51 47 eP, P, 14 32 24.3 +0.8, 39.51 47 eP, P, 14 33 58.5, 39.51 47 eP, P, 14 33 58.5, 40.35 314 eP, P, 14 32 43.5 +3.0, 40.35 314 eP, P, 14 32 22.8 -0.7, 40.35 336 P, P, 14 32 23.0 -0.5, 40.35 336 P, P, 14 32 05.4 -3.7, 40.35 336 P, P, 14 32 05.4 -3.7, 40.35 336 P, P, 14 32 22.8 -0.7, 40.35 336 P, P, 14 32 26.3 -0.7

5d 14h

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Sand Creek, Warramunga Arr, Denali Highway, etc.

IDC 05 14:29:51.2,0.6,17.84N:65.73W,h0km,mb4.0/19, s=mb4.1,123,ML3.54,MS3.221, Error ellipse: s=mb4.14.6km s-min=9.9km az=40.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like InterUniversit, Col San Antonio, San Juan, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Guanica, Cabo Rojo, Punta Cana, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Boa Vista, Macapa, Itaipu, etc.

5d 15h

Table of satellite data for the 5d 15h period, listing stations like BNM, ANMO, SDCO, etc., with their coordinates and status.

INET 05 14:38:33.5, 0.6, 12.44N-88.21W, h15km, 9km, MW3.5
SNET 05 14:38:35.7, 1.2, 12.56N-88.23W, h31km, 5km, ML3.1
ISC 05 14:38:34.6, 7.1, 12.5N-01.8820W, 0.06, h35km, 14km, n15, e067/25, Off coast of central America

2016 DEC

Table of satellite data for 2016 DEC, listing stations like ALJI, PACA, COEB, etc., with their coordinates and status.

NEIC 05 15:04:03.5, 0.2, 23.2S, 0.1, 179.73W, 0.04, h554km, 9km, mb4, 6/32, Error ellipse: s-maj=18.3km s-min=1.8km az=162.0

ISC-EH 05 15:04:03.7, 23.26S, 179.78W, h552km, 9km, Error ellipse: s-maj=18.1km s-min=1.8km az=102.0

IDC 05 15:04:06.9, 1.4, 22.91S, 179.83E, h565km, 14km, mb3, 1/12, mbtm4, 7/14, Error ellipse: s-maj=22.4km s-min=1.9km az=151.0

ISC 05 15:04:03.4, 0.5, 23.35S, 179.73W, 0.08, h550km, n83, 1-075/88, mb4, 3/22, South of Fiji Islands

Main table of satellite data for 2016 DEC, listing stations like MSVF, NIUE, MARCN, etc., with their coordinates and status.

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Table of satellite data for 298, listing stations like SUA, PWL, SKT, etc., with their coordinates and status.

JMA 05 15:27:42.9, 0.1, 30.1N, 1.1, 13.9E, h505km, MV3, 6/16, NEAR TORISHIMA IS

IDC 05 15:27:43.9, 0.7, 29.66N, 138.71E, h476km, 12km, mb3, 0/9, mbtm4, 0/15, Error ellipse: s-maj=26.1km s-min=9.3km az=70.0

ISC-EH 05 15:27:44.0, 29.66N, 138.69E, h478km, 5km, Error ellipse: s-maj=12.1km s-min=6.0km az=72.0

NEIC 05 15:27:45.2, 1.3, 29.68N, 138.7E, 0.1, h492km, 8km, mb4, 3/22, Error ellipse: s-maj=19.0km s-min=10.3km

ISC 05 15:27:43.6, 0.5, 29.65N, 138.7E, 0.08, h478km, n66, c134/73, mb4, 0/19, Southeast of Honshu

Main table of satellite data for 298, listing stations like Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: STKA, Stephens Creek, 61.25 177, P, P, 15 37 12.7 +1.3. Includes sub-sections for BBOO, NWAOW, NWAOW, ARCES, FINES, CLUD, and CLUD.

IDC 05 15:38:07.6, 7.1, 26.54N, 125.35E, h0km, mb3.7/3, mbmp3.7/4, ML3.7/1, Error ellipse: s-maj=195.7km, s-min=29.9km az=14.0, JMA 05 15:38:23.7, 0.3, 27.1N, 127.1E, h139km, MV3.0/14, NW OFF OKINAWAJIMA IS

ISC 05 15:38:22.5, 1.1, 27.44N, 126.8E, 0.1, h149km, 10km, n15, c086/25, mb3.6/3, Northwest of Ryukyu Islands

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAGN, JKE, JKH, etc.

DJA 05 15:38:40.9, 0.3, 7.1N, 3.12E, h50km, 3km, MW 6/32, mb4.6/32, mb5.2/9, ML4.6/6, Mw(m)B4.6/9, MwMwp5.3/1, Mwps5.1

IDC 05 15:38:40.4, 1.5, 6.91N, 126.34E, h51km, 13km, mb3.9/13, mbmp3.2/15, ML4.3/2, MS2.7/11, Error ellipse: s-maj=23.4km s-min=10.2km az=60.0, NEIC 05 15:38:42.0, 1.9, 6.92N, 126.08E, 1.7E, 0.07, h1km, 2km, mb4.5/47, Error ellipse: s-maj=12.8km s-min=9.3km az=203.0

ISC 05 15:38:41.2, 6.88N, 126.14E, h47km, mb5.0, ML3.9, MS4.0, IAN-EH 05 15:38:41.5, 6.87N, 126.23E, h60km, 2km, Error ellipse: s-maj=4.3km s-min=2.8km az=84.0, ISC 05 15:38:41.9, 0.7, 6.82N, 126.15E, 0.04, h63km, 6km, n132, c1951/147, mb4.6/4, 7C-13D, Mindanao

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MATI, DAV, DAV, etc.

Main table for station data, columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIJI, NLAI, AAI, etc.

Main table for station data, columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BRVK, ABKAR, ARU, etc.

WEL 05 15:40:44.4, 0.3, 42.3S, 2.17E, h5km, M2.7/13, ML3.4/9, ML2.7/13, Error ellipse: s-maj=0.0km s-min=0.0km az=111.7, confirmed, South Island

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHZ, BSZW, etc.

WEL 05 15:41:01.2, 0.4, 42.5S, 3.17E, h5km, 2km, M3.1/19, ML3.4/12, MLv3.1/13, Error ellipse: s-maj=0.0km s-min=0.0km az=129.7, confirmed, Cook Strait

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSZW, KHZ, etc.

IDC 05 16:01:10.7, 7.5, 60S, 152.68E, h0km, mb3.3/3, mbmp3.3/3, MS2.3/1, Error ellipse: s-maj=40.5km s-min=20.6km az=97.0, New Britain region

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

Table with columns: KRVT, Karavat (AS076), 1.44 333 Pn Pb, 16 01 38.7 +0.3, 86m,0.3s,baz=153,slow=2.3,SNR=142

IDC 05 16:09:25.4.0.8,55:09S:30:94W,h0km,mb4.2/5, mbmp4.2/5,MS3.3/5, Error ellipse: s-maj=51.5km

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Neumayer-Stat, Neumayer Olymp, Neumayer-Watz, etc.

BUI 05 16:11:12.0.0.33:96N:142:76E,h13km,mb4.5/45, mb4.8/20,Ms4.0/3,Ms7.4/21

az=120.0, JMA 05 16:11:16.7.0.3,34:0N:0:8:14:2E, h59km,MD4.6/39, MW4.2/39,FAR E OFF CENTRAL HONSHU

ISC 05 16:11:13.4.2.4,33:97N:0:04:142:50E:0:05,h0km,14km, n207,0:19:42/201,mb4.6/67,MS3.4/16,7C-11D, Off east coast of Honshu

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Boso 1, Boso 3, Boso 4, Katsura, Choshi, etc.

Main table with columns: XLT, XiLinHaoTe, 22.73 304, i/p P, 16 16 19.9 +2.9. Includes stations like WAKE ISLAND HY 25.89 117 T, etc.

5d 18h

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Table with multiple columns containing station identifiers (e.g., PB01, AHML, TA01), call signs (e.g., IPOC Station P, Horco Molle), frequencies (e.g., 3.37 309), and other technical details. The table is organized into several vertical sections.

305

346A 346A	Big Creek Wild	58.49 337	P	P	18 15 39.5 +0.1
	comp=Z,72nm,0.7s				18 15 40.6
346A	Big Creek Wild	58.49 337	P	P	18 15 40.0 +0.6
	baz=151				
GOGA	Godfrey	58.51 344	P	I Amb	18 15 39.2 -0.3
	comp=Z,44nm,0.8s				
GOGA	Godfrey	58.51 344	P	P	18 15 39.7 +0.2
	baz=162,SNR=11				
GOGA	Godfrey	58.51 344	P	P	18 15 39.4 -0.1
	baz=162,SNR=11				
GOGA	Godfrey	58.51 344	P	P	18 15 39.2 -0.3
	comp=Z,44nm,0.8s				
X58A	Rowland	58.67 348	P	P	18 15 41.2 +0.7
	baz=166,SNR=10				
X58A	Rowland	58.67 348	P	P	18 15 41.2 +0.7
	comp=Z,44nm,0.8s				
JSC	Jenkinsville	58.81 346	P	P	18 15 41.2 +0.7
	baz=166,SNR=10				
JSC	Jenkinsville	58.81 346	P	P	18 15 41.6 +0.1
	baz=164,SNR=22				
JSC	Jenkinsville	58.81 346	P	P	18 15 42.4 +0.8
	comp=Z,103nm,0.8s				
JSC	Jenkinsville	58.81 346	P	P	18 15 41.6 +0.1
	comp=Z,103nm,0.8s				
Z51A	Franklin	58.89 342	P	P	18 15 41.7 -0.4
	comp=Z,30nm,0.7s				
Z51A	Franklin	58.89 342	P	P	18 15 42.6
	comp=Z,30nm,0.7s				
Z51A	Franklin	58.89 342	P	P	18 15 42.3 +0.1
	baz=160,SNR=6.3				
BIRD	Birdtown, Kers	58.98 347	P	P	18 15 37.6 -5.1
	baz=160,SNR=6.3				
BIRD	Birdtown, Kers	58.98 347	P	P	18 15 43.6 +0.9
	baz=165,SNR=20				
HODGE	Hodges	58.99 345	P	P	18 15 38.2 -4.6
	comp=Z,42nm,0.9s				
HODGE	Hodges	58.99 345	P	P	18 15 44.4
	baz=163,SNR=9.9				
HODGE	Hodges	58.99 345	P	P	18 15 43.5 +0.6
	comp=Z,42nm,0.9s				
344A	Westbrook Farm	59.01 336	P	P	18 15 43.9 +0.8
	baz=154,SNR=5.1				
344A	Westbrook Farm	59.01 336	P	P	18 15 44.6
	comp=Z,71nm,0.8s				
CNCC	Cliffs of the	59.07 349	P	P	18 15 44.0 +0.1
	baz=154,SNR=5.1				
CNCC	Cliffs of the	59.07 349	P	P	18 15 42.8 -0.6
	baz=154,SNR=5.1				
Y52A	Libburn	59.10 343	P	P	18 15 43.4 +0.1
	comp=Z,61nm,0.8s				
Y52A	Libburn	59.10 343	P	P	18 15 39.4 -4.2
	baz=161,SNR=15				
Y52A	Libburn	59.10 343	P	P	18 15 44.5
	comp=Z,61nm,0.8s				
Y52A	Libburn	59.10 343	P	P	18 15 43.5 0.0
	baz=161,SNR=15				
Y52A	Libburn	59.10 343	P	P	18 15 43.5 0.0
	comp=Z,61nm,0.8s				
LRAL	Lakeview Retre	59.17 340	P	P	18 15 43.4 -0.7
	baz=151,SNR=15				
LRAL	Lakeview Retre	59.17 340	P	P	18 15 44.8
	comp=Z,80nm,1.1s				
LRAL	Lakeview Retre	59.17 340	P	P	18 15 44.0 -0.1
	baz=158,SNR=24				
LRAL	Lakeview Retre	59.17 340	P	P	18 15 43.8 -0.3
	baz=158,SNR=24				
441A	DeRidder	59.35 333	P	P	18 15 46.0 +0.6
	comp=Z,80nm,1.1s				
441A	DeRidder	59.35 333	P	P	18 15 47.6 +2.2
	baz=151,SNR=5.5				
W57A	Gilead	59.38 347	P	P	18 15 46.1 +0.7
	comp=Z,80nm,1.1s				
W57A	Gilead	59.38 347	P	P	18 15 46.1 +0.7
	baz=166,SNR=17				
W57A	Gilead	59.38 347	P	P	18 15 46.1 +0.7
	comp=Z,166,SNR=17				
PAULI	Pauline	59.45 346	P	P	18 15 46.1 +0.1
	baz=166,SNR=17				
PAULI	Pauline	59.45 346	P	P	18 15 46.1 +0.1
	comp=Z,82nm,0.8s				
PAULI	Pauline	59.45 346	P	P	18 15 46.9 +0.9
	baz=164,SNR=16				
146A	Union	59.48 338	P	P	18 15 46.4 +0.1
	comp=Z,74nm,0.8s				
146A	Union	59.48 338	P	P	18 15 47.5
	baz=154				
342A	Flagon Creek P	59.55 335	P	P	18 15 48.3 +1.5
	comp=Z,74nm,0.8s				
342B	Flagon Creek P	59.55 335	P	P	18 15 48.1 +1.4
	baz=152,SNR=12				
VBMS	Vicksburg	59.62 337	P	P	18 15 41.8 -5.3
	comp=Z,38nm,0.9s				
VBMS	Vicksburg	59.62 337	P	P	18 15 47.6 +0.4
	baz=154				
VBMS	Vicksburg	59.62 337	P	P	18 15 47.3 +0.2
	comp=Z,38nm,0.9s				
KBMS	Kings Mountain	59.65 346	P	P	18 15 47.9 +0.5
	baz=154				
KBMS	Kings Mountain	59.65 346	P	P	18 15 48.2 +0.8
	comp=Z,38nm,0.9s				
KBMS	Kings Mountain	59.65 346	P	P	18 15 47.9 +0.5
	baz=164,SNR=23				
Z47A	Carrollton	59.66 339	P	P	18 15 47.9 +0.5
	comp=Z,38nm,0.9s				
Z47A	Carrollton	59.66 339	P	P	18 15 40.7 -6.8
	baz=154				
Z47A	Carrollton	59.66 339	P	P	18 15 48.2
	comp=Z,38nm,0.9s				
Z47A	Carrollton	59.66 339	P	P	18 15 47.5 0.0
	baz=154				
Y49A	Blount Mountain	59.76 341	P	P	18 15 47.5 0.0
	comp=Z,38nm,0.9s				
Y49A	Blount Mountain	59.76 341	P	P	18 15 47.4 -0.7
	baz=157,SNR=14				
Y49A	Blount Mountain	59.76 341	P	P	18 15 48.8
	comp=Z,38nm,0.9s				
Y49A	Blount Mountain	59.76 341	P	P	18 15 48.0 -0.1
	baz=159,SNR=16				
735A	Kenedy	59.80 328	P	P	18 15 48.0 +0.1
	comp=Z,55nm,0.9s				
735A	Kenedy	59.80 328	P	P	18 15 48.9 +0.4
	baz=154				
735A	Kenedy	59.80 328	P	P	18 15 50.8
	comp=Z,109nm,1.0s				
735A	Kenedy	59.80 328	P	P	18 15 49.4 +0.9
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 49.2 +0.8
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 49.2 +0.8
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 49.2 +0.8
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 47.5 -0.9
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 47.5 -0.9
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 16 33.1 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.2 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 49.7
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 49.7
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	baz=147				
HKT	Hockley	59.80 331	P	P	18 15 48.8 +0.3
	comp=Z,39nm,1.1s				
HKT	Hockley				

L42A	comp=Z,50nm,1.1s	68.26 342	P	P	18 16 43.0 -0.3
N38A	Oliver, Polo	68.27 339	P	I	18 16 43.0 -0.4
N38A	baz=157				18 16 44.0
N38A	comp=Z,48nm,0.9s	68.27 339	P	I	18 16 43.5 +0.1
N38A	Joes South For	68.42 325	P	P	18 16 46.6 +1.9
CRNM	Carriage	68.52 325	P	P	18 16 47.2 +1.8
BNNM	Barro Site	68.53 325	P	P	18 16 47.5 +2.2
Y22A	Socorro	68.54 343	P	I	18 16 44.2 -0.7
K43A	Burlington	68.54 343	P	I	18 16 45.6
K43A	comp=Z,64nm,0.9s	68.54 343	P	P	18 16 44.7 -0.3
K43A	Burlington	68.58 350	P	I	18 16 45.1 0.0
SADO	Sadowa	68.59 358	P	P	18 16 45.7 +0.5
SADO	comp=Z,43nm,0.7s	68.59 358	P	P	18 16 46.2 +0.9
F63A	Nahmakanta, Br	68.59 358	P	P	18 16 46.2 +0.9
F63A	Nahmakanta, Br	68.59 358	P	P	18 16 46.2 +0.9
F63A	baz=177				18 16 46.3 +0.9
MNTQ	Montreal, Queb	68.64 355	P	P	18 16 46.2 +0.8
MNTQ	comp=Z,44nm,0.8s	68.65 322	P	I	18 16 47.9 +1.8
DUN6	Lazy B Ranch	68.65 322	P	I	18 16 49.4
DUN6	comp=Z,164nm,1.1s	68.67 325	P	P	18 16 47.0 +0.5
SBM	South Baldy	68.71 325	P	P	18 16 48.0 +1.5
LENM	Lemitar	68.72 1	I	I	18 16 46.4 +0.3
LMN	Caledonia Moun	68.72 1	I	I	18 16 47.0
LMN	comp=Z,37nm,0.7s	68.73 359	P	I	18 16 46.7 +0.6
F64A	Sherman	68.73 359	P	I	18 16 46.9 +0.8
F64A	comp=Z,47nm,0.7s	68.73 359	P	P	18 16 46.9 +0.8
F64A	Sherman	68.73 359	P	P	18 16 46.9 +0.8
F64A	baz=178,SNR=13				18 16 46.9 +0.8
L40A	baz=178,SNR=13	68.78 341	P	P	18 16 46.5 +0.1
L40A	Anamosa	68.78 341	P	I	18 16 47.7
L40A	comp=Z,67nm,0.8s	68.78 341	P	P	18 16 46.5 +0.1
L40A	Anamosa	68.81 358	P	P	18 16 46.8 +0.2
F62A	Pittston Farm,	68.81 358	P	P	18 16 47.4 +0.8
F62A	Pittston Farm,	68.81 358	P	P	18 16 47.4 +0.8
F62A	baz=177				18 16 47.4 +0.8
CBKS	Cedar Bluff	69.01 333	P	P	18 16 49.1 +1.0
CBKS	Cedar Bluff	69.01 333	P	P	18 16 49.4 +1.3
CBKS	Cedar Bluff	69.01 333	P	P	18 16 49.3 +1.2
CBKS	Cedar Bluff	69.01 333	P	P	18 16 49.1 +1.0
CBKS	comp=Z,132nm,0.8s	69.04 326	P	P	18 16 50.1 +1.6
ANMO	Albuquerque	69.04 326	P	I	18 16 50.1 +1.6
ANMO	comp=Z,35nm,0.8s, baz=225,slow=6.7,SNR=72	69.04 326	P	I	18 16 51.3
ANMO	Albuquerque	69.04 326	P	P	18 16 50.4 +1.8
ANMO	comp=Z,50nm,1.0s	69.04 326	P	P	18 16 50.4 +1.8
ANMO	Albuquerque	69.04 326	P	P	18 16 50.3 +1.7
ANMO	baz=141				18 16 50.1 +1.6
ANMO	Albuquerque	69.04 326	P	P	18 16 50.0 +1.4
ANMO	comp=Z,50nm,1.0s	69.04 326	P	P	18 17 44.4 +5.4
N35A	Tabor	69.17 337	P	I	18 16 48.9 -0.1
N35A	comp=Z,52nm,0.7s	69.17 337	P	P	18 16 49.1 +0.2
N35A	Tabor	69.17 337	P	P	18 16 49.8 +0.3
N35A	baz=151,SNR=6.1				18 16 50.4
JFWS	Jewell Farm	69.27 342	P	P	18 16 49.6 +0.2
JFWS	comp=Z,52nm,0.8s	69.27 342	P	P	18 16 49.1 -0.3
JFWS	Jewell Farm	69.27 342	P	P	18 16 49.8 +0.3
JFWS	baz=157,SNR=10				18 16 49.8 +0.3
JFWS	Jewell Farm	69.27 342	P	P	18 16 49.8 +0.3
JFWS	comp=Z,52nm,0.8s	69.27 339	P	P	18 16 49.9 +0.4
SCIA	State Center	69.27 339	P	I	18 16 49.9 +0.4
SCIA	comp=Z,54nm,0.9s	69.27 339	P	P	18 16 49.2 -0.3
SCIA	State Center	69.27 339	P	P	18 16 50.3 +0.8
E63A	Oxbow	69.29 359	P	P	18 16 50.3 +0.8
E63A	baz=178,SNR=5.6				18 16 52.5 +1.6
TUC	Tucson	69.44 321	P	I	18 16 53.9
TUC	comp=Z,40nm,1.1s	69.44 321	P	P	18 16 52.4 +1.6
TUC	Tucson	69.44 321	P	P	18 16 52.4 +1.6
TUC	baz=137				18 16 52.5 +1.6
TUC	Tucson	69.44 321	P	P	18 16 52.5 +1.6
TUC	comp=Z,40nm,1.2s	69.44 321	P	P	18 16 50.6 0.0
TRQ	Tucson	69.44 354	P	I	18 16 51.8
TRQ	Mont Tremblant	69.44 354	P	I	18 16 51.8 +0.8
TRQ	comp=Z,47nm,1.1s	69.53 359	P	P	18 16 53.3 +0.8
PQI	Presque Isle	69.74 329	P	P	18 16 54.4 +1.6
N33A	J Bar K, Exete	69.74 329	P	I	18 16 55.5
T25A	Trinidad	69.74 329	P	I	18 16 54.6 +1.8
T25A	comp=Z,41nm,0.8s	69.74 329	P	P	18 16 52.7 0.0
K38A	Parkersburg	69.79 340	P	I	18 16 53.4
K38A	comp=Z,44nm,1.1s	69.79 340	P	P	18 16 52.4 -0.3
K38A	Parkersburg	69.80 343	P	I	18 16 53.0 +0.3
I42A	Draeger Farm,	69.80 343	P	I	18 16 53.7
I42A	comp=Z,46nm,1.1s	69.80 343	P	P	18 16 54.2 +0.6
D62A	Allapoint, All	69.97 358	P	I	18 16 54.4 +0.8
D62A	comp=Z,41nm,0.9s	69.97 358	P	P	18 16 54.4 +0.8
D62A	Allapoint, All	69.97 358	P	P	18 16 54.4 +0.8
D62A	baz=178,SNR=17				18 16 54.2 +0.1
H43A	Windswept, Lux	70.04 344	P	I	18 16 55.3
H43A	comp=Z,44nm,0.8s	70.13 0	P	P	18 16 55.0 +0.4
BATG	Bathurst New B	70.27 342	P	P	18 16 55.7 +0.1
I40A	Norwalk	70.27 342	P	P	18 16 58.3 +1.8
I40A	Norwalk	70.27 342	P	P	18 16 59.8
I40A	baz=156				18 16 58.7 +2.2
214A	Organ Pipe Nat	70.38 319	P	I	18 16 56.3 -0.1
214A	comp=Z,42nm,1.1s	70.38 319	P	P	18 16 56.5 0.0
L34A	Svensden Farm,	70.41 337	P	P	18 16 54.2 +0.8
L34A	Svensden Farm,	70.41 337	P	P	18 16 54.2 +0.8
L34A	baz=151				18 16 58.3 +1.8
KSCO	Kaye Shedlock	70.43 331	P	I	18 16 58.3 +1.8
KSCO	comp=Z,105nm,1.2s	70.43 331	P	P	18 16 59.8
KSCO	Kaye Shedlock	70.43 331	P	P	18 16 58.5 +1.7
KSCO	baz=145,SNR=8.2				18 16 58.3 +1.4
KSCO	Kaye Shedlock	70.43 331	P	P	18 16 57.9 +0.8
PIX	Pinacate	70.58 335	P	P	18 16 55.7 -1.9
BGNE	Belgrade	70.58 335	P	P	18 16 58.5 +0.9
BGNE	comp=Z,39nm,0.9s	70.58 335	P	P	18 16 58.3 +0.7
BGNE	baz=149,SNR=17				18 16 58.3 +0.7

X18A	Snowflake	70.59 323	P	P	18 16 54.2 -3.8
SDCO	Great Sand Dun	70.75 328	P	I	18 17 00.7 +1.7
SDCO	SDCO	70.75 328	P	I	18 17 01.8
SDCO	comp=Z,39nm,0.8s	70.75 328	P	P	18 17 00.9 +2.0
SDCO	Great Sand Dun	70.75 328	P	P	18 17 00.8 +1.8
SDCO	baz=142,SNR=35				18 17 01.6 +1.7
W18A	Petrified Fore	70.91 324	P	I	18 17 02.9
W18A	comp=Z,60nm,1.0s	70.91 324	P	P	18 17 01.8 +1.9
W18A	Petrified Fore	70.91 324	P	P	18 17 02.3 +2.2
W18A	baz=138,SNR=9.2				18 17 03.1
SFX	San Felipe	70.98 317	P	I	18 16 59.9 -0.3
SFX	comp=Z,39nm,0.9s	71.04 347	P	I	18 17 00.9
E46A	Sault Ste Mari	71.04 347	P	P	18 17 00.2 0.0
E46A	comp=Z,68nm,0.7s	71.04 347	P	P	18 16 59.9 -1.7
E46A	Sault Ste Mari	71.04 347	P	P	18 17 02.3
E46A	baz=163,SNR=8.7				18 17 01.8 +0.5
I37A	Lemond, Waseca	71.22 340	P	I	18 16 58.5 -4.6
I37A	comp=Z,54nm,0.9s	71.22 340	P	I	18 17 04.3 +1.6
I37A	Waseca	71.22 340	P	P	18 17 02.5 +0.1
I37A	baz=154,SNR=5.3				18 17 04.7 +1.3
S22A	4UR Ranch, Cre	71.40 327	P	P	18 17 06.5 +0.8
S22A	4UR Ranch, Cre	71.40 327	P	P	18 17 06.5
S22A	baz=11,SNR=17				18 17 05.5 +1.7
G40A	Rib Lake	71.42 343	P	P	18 17 03.8 +0.1
113A	Mohawk Valley,	71.52 319	P	P	18 17 03.8 +0.1
Q24A	Divide	71.52 319	P	I	18 17 03.8 +0.1
Q24A	comp=Z,62nm,0.8s	71.52 319	P	P	18 17 06.8
Q24A	Divide	71.52 319	P	P	18 17 03.8 -1.6
Q24A	baz=143,SNR=18				18 17 08.3
E43A	Lone Tree Farm	71.64 345	P	P	18 17 07.2 +1.8
E43A	Lone Tree Farm	71.64 345	P	P	18 17 05.8 +0.4
E43A	baz=18				18 17 06.8
OGNE	Ogallala	71.76 333	P	P	18 17 07.2 +1.5
OGNE	Ogallala	71.76 333	P	P	18 17 06.1 +1.3
OGNE	baz=146,SNR=15				18 17 03.8 -1.6
OGNE	Ogallala	71.76 333	P	P	18 17 07.2 +1.8
OGNE	baz=140,SNR=26				18 17 05.8 +0.4
MVCO	Mesa Verde	71.83 326	P	I	18 17 06.8
MVCO	comp=Z,67nm,1.1s	71.83 326	P	P	18 17 06.8 +0.2
MVCO	Mesa Verde	71.83 326	P	P	18 17 06.8
MVCO	baz=140,SNR=26				18 17 02.6 -1.5
K31A	O'Neill	71.86 336	P	I	18 17 07.2 +1.5
K31A	comp=Z,68nm,0.9s	71.86 336	P	I	18 17 06.1 -0.1
Y14A	Wenburn	71.90 321	P	P	18 17 06.4 +0.2
ECSO	EROS Data Cent	72.04 338	P	P	18 17 06.2 -0.1
ECSO	EROS Data Cent	72.04 338	P	P	18 17 08.9 +1.9
ECSO	EROS Data Cent	72.04 338	P	P	18 17 10.4
ECSO	EROS Data Cent	72.04 338	P	P	18 17 09.3 +2.3
ECSO	EROS Data Cent	72.04 338	P	P	18 17 06.4 -0.3
ECSO	EROS Data Cent	72.04 338	P	P	18 17 06.8 +0.1
ECSO	EROS Data Cent	72.04 338	P	P	18 17 06.3 -0.3
ECSO	EROS Data Cent	72.04 338	P	P	18 17 07.2 +2.4
ECSO	EROS Data Cent	72.04 338	P	P	18 17 10.5 +2.1
ECSO	EROS Data Cent	72.04 338	P	P	18 17 10.3 +1.9
ECSO	EROS Data Cent	72.04 338	P	P	18 17 10.5 +2.1
ECSO	EROS Data Cent	72.04 338	P	P	18 17 10.4 +1.4
ECSO	EROS Data Cent	72.04 338	P	P	18 17 10.8 +1.8
ECSO	EROS Data Cent	72.04 338	P	P	18 17 10.7 +1.7
ECSO	EROS Data Cent	72.04 338	P	P	18 17 10.4 +1.4
ECSO	EROS Data Cent	72.04 338	P	P	18 17 02.6 -6.4
ECSO	EROS Data Cent	72.04 338	P	P	18 17 11.7 +1.6
ECSO	EROS Data Cent	72.04 338	P	P	18 19 27.7
ECSO	EROS Data Cent	72.04 338	P	P	18 17 10.4 +0.7
ECSO	EROS Data Cent	72.04 338	P	P	18 17 11.3
ECSO	EROS Data Cent	72.04 338	P	P	18 17 07.0 -3.1
ECSO	EROS Data Cent	72.04 338	P	P	18 17 13.9 -2.6
ECSO	EROS Data Cent	72.04 338	P	P	18 17 13.7
ECSO	EROS Data Cent	72.04 338	P	P	18 17 11.8 +1.1
ECSO	EROS Data Cent	72.04 338	P	P	18 17 13.5
ECSO	EROS Data Cent	72.04 338	P	P	18 17 12.5 +1.9
ECSO	EROS Data Cent	72.04 338	P	P	18 17 12.8 +1.8
ECSO	EROS Data Cent	72.04 338	P	P	18 17 13.2 +1.9
ECSO	EROS Data Cent	72.04 338	P	P	18 17 05.8 -5.7
ECSO	EROS Data Cent	72.04 338	P	P	18 17 13.7 +2.2
ECSO	EROS Data Cent	72.04 338	P	P	18 17 13.2 +1.9
ECSO	EROS Data Cent	72.04 338	P	P	18 17 07.0 -4.3
ECSO	EROS Data Cent	72.04 338	P	P	18 17 11.3 -0.1
ECSO	EROS Data Cent	72.04 338	P	P	18 17 14.6 +2.4
ECSO	EROS Data Cent	72.04 338	P	P	18 17 12.8 +0.5
ECSO	EROS Data Cent	72.04 338	P	P	18 17 11.9 0.0
ECSO	EROS Data Cent	72.04 338	P	P	18 17 11.8 0.0
ECSO	EROS Data Cent	72.04 338	P	P	18 17 07.4 -5.2
ECSO	EROS Data Cent	72.04 338	P	P	18 17 15.1 +2.2
ECSO	EROS Data Cent	72.04 338	P	P	18 17 27.2
ECSO	EROS Data Cent	72.04 338	P	P	18 17 15.0 +1.9
ECSO	EROS Data Cent	72.04 338	P	P	18 17 15.

5d 18h

Table with columns for call sign, name, frequency, and other parameters. Includes entries like Bitter Crk Wrg, Troy Canyon, Grapevine Rang, etc.

2016 DEC

Table with columns for call sign, name, frequency, and other parameters. Includes entries like McKenzie Canyo, Forest Hills D, Canas Ranch, etc.

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Table with columns for call sign, name, frequency, and other parameters. Includes entries like Dease Lake, Dease Lake, Dease Lake, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values and flags.

ICD 05: 18:33:11.2+1.0, 40:36N-124:34W, h0km, mb4.0/8, mbmp4.0/14, M.L4.1/6, MS3.4/16, Error ellipse: s-maj=14.4km s-min=10.1km az=94.0 NEIC 05: 18:33:14.7+2.4, 40:25N/0:04:124:47W/0:06, h24km, 7km, Error ellipse: s-maj=7.4km s-min=4.7km az=64.0 NCCEDC 05: 18:33:15.5+2.7, 40:28N/0:04:124:39W/0:06, h22km, 6km, Mw4.4/5, mb4.4/29(NEIC), ML3.8/88(NEIC), Error ellipse: s-maj=8.4km s-min=2.6km az=51.0 ANF 05: 18:33:15.0+0.7, 40:27N-124:48W, h20km, Error ellipse: s-maj=12.3km s-min=5.4km az=51.0 NEIC 05: 18:33:15.6, 40:28N-124:37W, h27km, Moment Tensor Solution, Moment tensor: Scale 1.015Nm, M1: 7.2; M2: 3.96; M3: 2.24; Mw: 0.59; Mw: 0.35; Mw: 2.31; Fault plane solution: M4: 20000*10^15 NP1:p=229.64000* 668.20000*, 38.14000*, NP2:p=123.38000*, 855.01000*, 1.53.05000*. Principal axes: T: 3.094, P: 4.252, N: 0.000*, Azm91.0000*, N-0.2288, Plg47.0000*, Plq255.0000*, P-4.0806, Plg8.0000*, Azm354.0000* ISC 05: 18:33:15.3+0.9, 40:27N/0:04:124:38W/0:06, h30km, 5km, n302, s158/288, mb4.3/22, MS3.4/13, Near coast of northern California

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values and flags.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values and flags.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values and flags.

5d 18h

Table with columns: E28A, comp, Iamb, Iamb, 18 37 26.8, CBKS Cedar Bluff, 19.05 86 P P, 18 37 35.7 +0.7, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC, 18 37 36.1 +1.1, etc.

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Table with columns: TA02, comp, E,615nm,0.4s, 2.68 190 Pn Pn, 18 57 44.8 +0.5, etc.

SOMM Sogingo Array 149.69 5 PKPbc PKIKP 19 16 34.7 +0.6

IDC 05 18:57:19.6:8.5, 18.75Sx179.89W, h562km, 37km, mb2.5/2, mbtmp3.3/3, F01 ellipse: s-maj=32.0km

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include MSVF Nonsavu, WRA Warramunga Arr, ASAR Alice Springs, AKASG Malin Array Be.

MOS 05 19:01:51.1±0.9, 41.78N, 142.26E, h60km, mb4.5/13, Error ellipse: s-maj=9.3km s-min=7.2km az=99.2

JMA 05 19:01:53.3±0.2, 41.32N, 142.32E, h68km, 2km, M1/3.8/39, S OFF URAKAWA

JMA Feit J1 at S OFF URAKAWA NIED 05 19:01:53.3, 41.91N, 142.32E, h68km, MW4.0, Moment tensor solution...

ISC-EH 05 19:01:54.0, 41.96N, 142.29E, h66km, 2km, Error ellipse: s-maj=4.6km s-min=3.5km az=135.0

ISC 05 19:01:53.7±0.7, 41.90N, 142.31E, h65km, 6km, n132, r130/149, mb4.3/5.1, 12C-20D, Hokkaido region

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JNBK, JSHD, ERMO, JIAM, JBT2, etc.

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ULN, SONM, XAN, H1N2, etc.

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GEYT, FIA1, ASAR, KIV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MPAG, ARV, ARVD, SNTG, FSSB, CAFI, EL6, CRE, FDMO, MGAB, CSPI, T1216, T1215, T1256.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES, SDCO, ISCO, ANMO, BNM, S22A, O20A, PV13, PD31, PDAR, SRU, LOHW, FLWY, SNOW, EUNU, YMR, YHL, JLU, HWUT, NLU, MTPU, MSU, U15A, YKA, YKA, NEW, NVAR, ARU, YBH, QSPA, ILAR, ILAR, ASAR, WRA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G002, PB11, G001, G004, NMNC, AC01, PB12, PB16, AC02, AC06, G003, LPAZ, AC05, AC06, CO01, CO04, CO03, CFA, BBRB, SIIV, MURT, AMBA, SALV, CRSM, ITAB, PCMA, TRQA, ARAG, ITBB, PLCA, NPGB, BDFB, ITTB, SDBA, MALB, BELA, SNA, ASAR, WRA, MKAR.

IDC 05 19:21:57.3.0.6.5:58N-30:86W, h0km, mb4. 1/18, mbmp4. 1/18, MS3.4/25, Error ellipse: s-maj=18.8km s-min=14.4km

NEIC 05 19:21:59.9.1.4.5:6N.0.1:30:8W.0.1, h10km, 2km, mb4.5/26, Error ellipse: s-maj=23.1km s-min=19.1km az=162.0

ISC 05 19:21:58.9.0.5.5:6N.0.1:30:86W.0.09, h10km, n67, o573/48, mb4.3/30, MS3.5/25, Central Mid-Atlantic Ridge

VAO 05 19:31:09.3.0.7.22:03S:69:08W, h10km, mb4.0 NEIC 05 19:31:15.7.1.4.22:30S:69:08W.0.07, h110km, 4km, Error ellipse: s-maj=9.9km s-min=7.7km

GUC 05 19:31:16.5.0.8.22:49S:68:88W, h97km, 4km, ML4.2 IDC 05 19:31:16.3.0.9.22:49S:68:69W, h88km, 12km, mb3.6/2, mbmp3.9/5, Error ellipse: s-maj=38.5km s-min=22.5km az=102.0

ISC 05 19:31:15.8.0.7.22:55S:0:04:68:87W.0.05, h99km, 6gkm, n72, i155/90, 4C-8D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SACY, MBO, H10N3, H10N2, H10N1, H10S3, H10S2, MDP, MDP, DBIC, DBIC, DBIC, PTGA, PTGA, BOAV, BOAV, SAML, SJG, SIV, BAUV, SDV, CPUP, ESCD, LPAZ, LPAZ, LPAZ, TSUM, JTS, SCHO, SADO, SADO, LSZ, LSZ, LBTB, SFJD, CMIG, BOSA, BOSA, BRTR, AKASO, TXAR, TXAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LVC, LVC, PB06, PB06, AF01, AF01, AF01, AF01, PB09, PB09, PB15, PB15, PB03, PB03, PB03, PB04, PB04, PB04, PB07, PB07, PB07, PB02, PB02, PB02, PB01, PB01, PB01, PB10, PB10, PATCX, PATCX, TA01, TA01, TA01, TA01, PB08, PB08, HMB3, HMB3, PB14, PB14, GO02, GO02, GO02.

JMA 05 19:32:05.0.0.2.33:2N:13:38E, h305km, MV3.8/41, FAI OFF TOKAI DISTRICT IDC 05 19:32:07.9.1.9.32:17N:139:10E, h299km, 21km, mb2.9/6, mbmp3.5/8, Error ellipse: s-maj=24.3km s-min=16.3km az=85.0

ISC 05 19:32:06.6.0.9.33:28N:08:138:39E.0.09, h300km, n22, o128/27, mb2.9/6, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHJ2, JIE, JNY, BS03, BS03, BS04, BS01, BS01, JHU, JRY, MJAR, MJAR, JAG, MAT, JYT, JYO, JFK, KRSR, PETK, SONM, MKAR, WRA, ILAR, ASAR, KIW, KIW, ADK, GSTR, UNV, L19K, CNPM, BRLK, SKT, J20K, PPLA, SUA, SUA, CAST, KTK, TRF, TRF, KNK, KNK, H21K, H21K, MLY, SCM, KLU, KLU.

IDC 05 19:39:57.1.1.8.51:69N:177:36W, h0km, mb3.3/4, mbmp3.4/4, Error ellipse: s-maj=78.8km s-min=31.9km

AEIC 05 19:40:07.9.0.5.51:8N:0:3:177:3W.0.2, h89km, 6km, ML3.5, mb3.9/18(NEIC), Error ellipse: s-maj=47.5km s-min=8km az=161.0

NEIC 05 19:40:08.8.1.0.51:8N:0:4:177:3W.0.2, h88km, 8km, Error ellipse: s-maj=54.0km s-min=3.6km az=161.0

ISC 05 19:40:08.3.1.1.51:8N:0:2:177:32W.0.10, h90km, 7km, n36, o567/29, mb3.5/3, Andean Off Islands

VAO 05 19:31:09.3.0.7.22:03S:69:08W, h10km, mb4.0 NEIC 05 19:31:15.7.1.4.22:30S:69:08W.0.07, h110km, 4km, Error ellipse: s-maj=9.9km s-min=7.7km

GUC 05 19:31:16.5.0.8.22:49S:68:88W, h97km, 4km, ML4.2 IDC 05 19:31:16.3.0.9.22:49S:68:69W, h88km, 12km, mb3.6/2, mbmp3.9/5, Error ellipse: s-maj=38.5km s-min=22.5km az=102.0

ISC 05 19:31:15.8.0.7.22:55S:0:04:68:87W.0.05, h99km, 6gkm, n72, i155/90, 4C-8D, Northern Chile

VAO 05 19:31:09.3.0.7.22:03S:69:08W, h10km, mb4.0 NEIC 05 19:31:15.7.1.4.22:30S:69:08W.0.07, h110km, 4km, Error ellipse: s-maj=9.9km s-min=7.7km

GUC 05 19:31:16.5.0.8.22:49S:68:88W, h97km, 4km, ML4.2 IDC 05 19:31:16.3.0.9.22:49S:68:69W, h88km, 12km, mb3.6/2, mbmp3.9/5, Error ellipse: s-maj=38.5km s-min=22.5km az=102.0

ISC 05 19:31:15.8.0.7.22:55S:0:04:68:87W.0.05, h99km, 6gkm, n72, i155/90, 4C-8D, Northern Chile

VAO 05 19:31:09.3.0.7.22:03S:69:08W, h10km, mb4.0 NEIC 05 19:31:15.7.1.4.22:30S:69:08W.0.07, h110km, 4km, Error ellipse: s-maj=9.9km s-min=7.7km

GUC 05 19:31:16.5.0.8.22:49S:68:88W, h97km, 4km, ML4.2 IDC 05 19:31:16.3.0.9.22:49S:68:69W, h88km, 12km, mb3.6/2, mbmp3.9/5, Error ellipse: s-maj=38.5km s-min=22.5km az=102.0

ISC 05 19:31:15.8.0.7.22:55S:0:04:68:87W.0.05, h99km, 6gkm, n72, i155/90, 4C-8D, Northern Chile

JMA 05 19:32:05.0.0.2.33:2N:13:38E, h305km, MV3.8/41, FAI OFF TOKAI DISTRICT IDC 05 19:32:07.9.1.9.32:17N:139:10E, h299km, 21km, mb2.9/6, mbmp3.5/8, Error ellipse: s-maj=24.3km s-min=16.3km az=85.0

ISC 05 19:32:06.6.0.9.33:28N:08:138:39E.0.09, h300km, n22, o128/27, mb2.9/6, Southeast of Honshu

VAO 05 19:31:09.3.0.7.22:03S:69:08W, h10km, mb4.0 NEIC 05 19:31:15.7.1.4.22:30S:69:08W.0.07, h110km, 4km, Error ellipse: s-maj=9.9km s-min=7.7km

GUC 05 19:31:16.5.0.8.22:49S:68:88W, h97km, 4km, ML4.2 IDC 05 19:31:16.3.0.9.22:49S:68:69W, h88km, 12km, mb3.6/2, mbmp3.9/5, Error ellipse: s-maj=38.5km s-min=22.5km az=102.0

ISC 05 19:31:15.8.0.7.22:55S:0:04:68:87W.0.05, h99km, 6gkm, n72, i155/90, 4C-8D, Northern Chile

VAO 05 19:31:09.3.0.7.22:03S:69:08W, h10km, mb4.0 NEIC 05 19:31:15.7.1.4.22:30S:69:08W.0.07, h110km, 4km, Error ellipse: s-maj=9.9km s-min=7.7km

GUC 05 19:31:16.5.0.8.22:49S:68:88W, h97km, 4km, ML4.2 IDC 05 19:31:16.3.0.9.22:49S:68:69W, h88km, 12km, mb3.6/2, mbmp3.9/5, Error ellipse: s-maj=38.5km s-min=22.5km az=102.0

ISC 05 19:31:15.8.0.7.22:55S:0:04:68:87W.0.05, h99km, 6gkm, n72, i155/90, 4C-8D, Northern Chile

VAO 05 19:31:09.3.0.7.22:03S:69:08W, h10km, mb4.0 NEIC 05 19:31:15.7.1.4.22:30S:69:08W.0.07, h110km, 4km, Error ellipse: s-maj=9.9km s-min=7.7km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Murphy Dome, Clear Creek Bu, Eielson Array, Noodor Dome, WAKE ISLAND Hy 34.30 207, etc.

NOU 05 19:56:10.2, 42.64S, 173.50E, h0km, MLV3.6/7, South Island, New Zealand

WEL 05 19:56:12.4, 0.4, 42.3S, 173.3E, h5km, M3.0/21, ML3.2/12, MLV3.0/21, Error ellipse: s-maj=0.0km

ISC 05 19:56:11.8, 1.1, 42.57S, 173.48E, 0.04, h11km, 8km, n54, f126/56, South Island

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

IDC 05 20:21:49.8, 8.2, 46.63N, 146.63E, h0km, mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=198.3km s-min=33.3km az=167.0

SKHL 05 20:21:55.1, 0.1, 44.00N, 148.30E, h75km, 3km, mb4.3/2, JMA 05 20:21:55.4, 0.5, 44.18N, 148.30E, h146km, MV3.1/15, SE OFF ETOROFU

ISC 05 20:21:53.9, 1.4, 44.5N, 147.8E, 0.2, h150km, n15, f137/21, mb3.5/5, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, NEM2 Nemuro 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WEL 05 20:25:24.7, 42.56S, 174.4E, h20km, 8km, M2.4/6, etc.

NOU 05 20:25:24.7, 37.50S, 176.46E, h251km, MLV2.7/7, North Island, New Zealand

WEL 05 20:25:28.5, 0.9, 37.56S, 176.6E, h214km, 8km, M2.6/44, ML2.4/7, MLV2.6/44, Error ellipse: s-maj=0.0km

ISC 05 20:25:28.5, 0.9, 37.56S, 176.6E, h214km, 8km, M2.6/44, ML2.4/7, MLV2.6/44, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OMRZ Omania, TOZ Taurua Road, KUZ Kuatounu, etc.

IDC 05 20:28:26.4, 5.4, 27.99S, 63.63E, h0km, mb3.7/4, mbtmp3.7/4, MS3.1/3, Error ellipse: s-maj=146.7km

s-min=44.4km az=62.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOSA Boshof, LBTB Lobatse, MAW Mawson, etc.

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

TAP 05 21:03:36.4, 0.1, 24.24N, 122.4E, h27km, 1km, ML2.8, D JMA 05 21:03:36.4, 0.1, 24.24N, 122.4E, h27km, 1km, ML2.8, D TAIWAN REGION

ISC 05 21:03:34.0, 0.1, 23.87N, 122.47E, 0.02, h25km, 13km, n76, c080/111, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYNG Yanagunijimaku, YOJ Yanaguni jima, YOJ Yanaguni jima, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Waitaha Valley, Rata Peaks, Pori Road, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Placencia, EPLA, EPLA, etc.

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

CNRM 05 21:50:06.9,36:18N,12:27W, h48km, ml3.0
MDD 05 21:50:17.0,7.0,36:64N,11.28W, h39km,26km, Mb4.0/21,
M, mb3.4/21, Error ellipse: s-maj=9.3km s-min=4.0km az=61.0

INMG 05 21:50:19.1,0.8,36:63N,11:27W, h31km, ML2.3, Okm
ellipse: s-maj=3.6km s-min=2.6km az=80.0

ISC 05 21:50:20.4,2.3,36:83N,0:06:11.0W,0:1, h35km, n55,
e232/99,21C, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Vila Bisbo, Vila Bisbo, Marmelete, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Calabor, Granatula de C, AKL, etc.

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

KRNET 05 21:53:53.9,0.1,39:14N,74:15E, mb3.6
NMC 05 21:54:02.9,2.4,39:51N,74:15E, h0km, mb3.9, mpv3.5,
Error ellipse: s-maj=18.4km s-min=10.2km az=172.0

SOME 05 21:54:07.2,39:67N,74:32E, h5km
ISC 05 21:53:56.9,1.4,39:14N,0:07:47.25E,0:03, h10km, n56,
e261/87,15C-7D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Osh, Naryn, Naryn, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AML, GAR, UCH, etc.

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

IDC 05 22:10:40.2,5.1,23:34S,175:27W, h0km, mb3.7/3,
mbtmp3.7/3, Error ellipse: s-maj=320.6km
s-min=35.9km az=156.0, Tonga Islands region

SGS 05 22:16:54.3,33.04N,47.81E, h20km, M13.8
ISN 05 22:16:54.4,0.5,32.72N,47.87E, h14km,3km, ML2.8
TEH 05 22:16:54.9,32.72N,47.81E, h8km, ML3.2
ISC 05 22:16:55.9,1.1,32.70N,0.03,47.78E,0.03, h11km,10km, n41, r1541/49, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Dehloran, Komasi, Ahwaz, Badra, etc.

IDC 05 22:33:54.3,3.9,24.86N,95.29E, h134km,42km, mb3.3/5, mbmp3.7/6, Error ellipse: s-maj=59.9km s-min=23.0km az=62.0
ISC 05 22:33:54.2,0.9,24.6N,0.2,94.7E,0.1, h150km, n12, e250/12, mb3.7/5, Myanmar-India border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Chiang Mai Arr, Ramn, Gun, etc.

NOU 05 22:38:15.4,42.18S,174.13E, h15km, MLv4.4/15, Off E. Coast of S. Island, N.Z.
WEL 05 22:38:15.0,3.2,42.3S,17.4E, h13km,2km, M4.0/40, ML4.3/18, MLv4.0/40, Error ellipse: s-maj=0.0km s-min=0.0km az=137.2, confirmed
NEIC 05 22:38:15.3,1.5,42.01S,0.02,173.96E,0.05, h21km,6km, mb4.1/6, ML4.3(WEL), Error ellipse: s-maj=5.6km s-min=2.5km az=107.0
ISC 05 22:38:14.7,1.1,42.04S,0.02,173.98E,0.02, h16km,8km, n189, r1552/184, mb4.1/4, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Blackbirch Sta, Cape Campbell, Kahutara, etc.

Main table with columns: THZ, Topohouse, 0.85 289, P, Pg, etc. Lists numerous stations including Toray Channel, Nelson, Wellington, etc.

Table with columns: HAZ, Te Kaha, 5.18 36, P, Pn, etc. Lists stations like Makihiroa, Maitapu North, etc.

NNC 05 22:41:21.6,0.3,45.88N,80.66E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=8.4km s-min=1.8km az=133.0
SOME 05 22:41:24.9,45.78N,80.63E, h20km
ASRS 05 22:41:34.0,8.8,46.1N,5.8,1E, h9km, MLh3.6/5, Error ellipse: s-maj=13.8km s-min=7.7km az=134.3, confirmed
ISC 05 22:41:20.3,1.0,45.89N,0.03,80.61E,0.03, h2km,11km, n61, r1575/94, 11C-8D, Kazakhstan-Xinjiang border region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KOTS, KNDC, MDOK, TNSN, MTBS, KRBS, DGS, KST, TKM2, BTLS, KURB, KURK, UKR, DGZ, OTUK, CHBI, CUR, ULGR, KK31, ELT, TASR, BVAA, BRVK.

IDC 05 22:43:14.9,2.5,7.29S,130.31E, h0km, mb3.1/1, mbtp3.3/3, ML3.5/2, Error ellipse: s-maj=133.3km s-min=33.8km az=69.0, Tanibar Islands region

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

KRNET 05 22:59:49.6,0.1,39.15N,74.42E, mb3.2 SOME 05 22:59:49.8,39.23N,74.67E, h5km NNC 05 22:59:50.9,1.3,39.26N,74.64E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=9.9km s-min=6.4km az=167.0

ISC 05 22:59:49.2,1.5,39.06N,070.749E,0.04,h10km,n40, az=53/66,16C-7D, Southem Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OHH, NRN, ARLS, BTK, UCH, GAR, MRKS.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MRKS, TKM2, KST, DGS, MTBS, MDOK, IUG, KOTS, KST, SATY, KK31, KPKS, SHLS, PDGK, ARXS, BLB, BLB, BLB, RSSD, RWWY, PHWY, LAO, N23A, RLMT.

NEIC 05 23:06:15.5,2.0,43.71N,0.05,105.42W,0.08, h0km,2km, ML3.1/42, Error ellipse: s-maj=13.2km s-min=3.1km az=50.0

IDC 05 23:06:16.4,2.0,43.71N,105.56W, h0km, mbtp3.6/2, ML3.3/2, Error ellipse: s-maj=51.5km s-min=8.4km az=149.0

ISC 05 23:06:14.2,0.9,43.81N,0.05,105.52W,0.04, h0km,n46, az=173/46, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RSSD, RWWY, PHWY, LAO, N23A, RLMT.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RLMT, BW06, PD31, PDAR, PDAR, GCMT, H17A, H17A, LOHW, FLWY, FLWY, MOOW, SNOW, SNOW, YNR, YPP, REDW, REDW, IMW, IMW, IMW, FXWY, YMR, YMR, YHB, YHL, YHL, YHL, AHID, AHID, ECR, QLMT, BOZ, BOZ, BOZ, HRY, LRM, MCMT, P18A, CTU, SPUT, BCYI, HVU, MDND, P17A, PV07, PV15, MPU, PV23, PV11, H10CA, ULM, ULM, ULM.

IDC 05 23:55:50.8,1.2,16.75N,60.20W, h0km, mb3.5/6, mbtp3.7/10, ML3.3/3, MS2.9/4, Error ellipse: s-maj=24.3km s-min=18.0km az=128.0 TRN 05 23:55:58.0, 16.69N,60.77W, h25km, MD4.1 ISC 05 23:55:57.9,1.5,16.73N,0.04,60.67W,0.06,h31km,10km, n63, r158/77, mb3.5/6, Leeward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H05N1, H05N1, ABD, ABD, ANBD, ANBD, CBE, CBE, ANDO, ANDO, TDBA, TDBA, TBG, TBG, MDVC, MDVC, MDCT, MDCT, ANWB, ANWB, MLYT, MLYT, MBFL, MBFL, DLPL, DLPL, SVN, SVN, ILAM, ILAM, BAMF, BAMF, CXM, CXM, GBMF, GBMF, PML, PML, FDF, FDF, LPMF, LPMF, ZAM, ZAM, MVM, MVM, TRMF, TRMF, BIM, BIM, MPOM, MPOM, H05S1, H05S1, SEUS, SEUS, SABA, SABA, SMRT, SMRT, SLBI, SLBI, SLB, SLB, MCLT, MCLT, MCLT, MCLT, SVB, SVB, SVB, SVB, BBGH, BBGH, CDVI, CDVI, GCMF, GCMF, GCMF, GCMF, GRGR, GRGR.

6d 1h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like G26K Porcupine Rive, R33M Jennings River, BMAR Burnt Mountain, etc.

2016 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ANMO Albuquerque, MNTX Cornudas Mount, TX31 Lajitas Arr. Si, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MNK Minsk, NS2 NORSAR Subarrat, NOA NORSAR Array, etc.

2016 DEC

Table with columns: Mod, 2h, Station Name, Az, El, AzE, Res, Res S, Res I, Res C. Includes stations like WARRAMUNGA ARR, WARRAMUNGA ARR, ZALVO, etc.

Table with columns: Code, Station Name, Az, El, AzE, Res, Res S, Res I, Res C. Includes stations like WARRAMUNGA ARR, WARRAMUNGA ARR, ZALVO, etc.

Table with columns: Code, Station Name, Az, El, AzE, Res, Res S, Res I, Res C. Includes stations like WARRAMUNGA ARR, WARRAMUNGA ARR, ZALVO, etc.

Table with columns: Code, Station Name, Az, El, AzE, Res, Res S, Res I, Res C. Includes stations like WARRAMUNGA ARR, WARRAMUNGA ARR, ZALVO, etc.

Table with columns: Code, Station Name, Az, El, AzE, Res, Res S, Res I, Res C. Includes stations like WARRAMUNGA ARR, WARRAMUNGA ARR, ZALVO, etc.

Table with columns: Code, Station Name, Az, El, AzE, Res, Res S, Res I, Res C. Includes stations like WARRAMUNGA ARR, WARRAMUNGA ARR, ZALVO, etc.

2016 DEC

Table with columns: Station, Name, Frequency, Power, Mode, and Time. Includes stations like DRO, FRGS, PGF, KUKBK, VTS, BEHE, OBKA, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Time. Includes stations like ICOR, VRI, HNF, BURAR, CDF, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Time. Includes stations like WRO, WRAB, WRB, WRA, WRA, etc.

2016 DEC

Table with columns: Call ID, Name, Frequency, Power, Mode, and other technical details. Includes entries like V6M Vicksburg, 342B Flagon Creek P, 247A Carroon, etc.

Table with columns: Call ID, Name, Frequency, Power, Mode, and other technical details. Includes entries like LCAR comp=Z,28nm,1.1s, FW02 City of Haslet, T45B Paducah, etc.

Table with columns: Call ID, Name, Frequency, Power, Mode, and other technical details. Includes entries like O53A New Philadelphia, O44A Meyer Farm, Va, DEOK Depew, etc.

6d 4h

2016 DEC

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like PNTR Pine Nut, MFID Camas Ranch, EMB Emerald Bay, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like PSBE So Bento, WHY Whitehorse, FARO Far Yukon, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like PAB San Pablo, PAB San Pablo, ISLE Juniper Island, etc.

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

IDC 06 06:43:50.6, 5.8, 5.84S:153.58E, h0km, mb3.6/3, mbtmp3.6/4, ML3.5/1, MS3.0/1, Error ellipse: s-maj=107.7km s-min=32.2km az=74.0, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KRVT, WRA, ASAR, STKA.

ROM 06 06:58:27.6, 0.0, 42.881N:07002.13, 159E:0.003, h10km, ML3.0/35, 29C-29D, Error ellipse: s-maj=0.2km s-min=0.1km az=258.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like T1245, MC2, NORCIA, FEMIA, MONTEMONACO, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CSP1, GUMA, CESI, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like T1243, LNSS, SEFI, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SSM1, RM33, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like EL6, T1247, T1242, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PP3, MURB, FIAM, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like T0110, FSSB, BADI, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KBA, SMA1, RM33, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like T1247, T1242, T1243, etc.

ROM 06 06:59:27.3, 0.0, 42.564N:07001.13, 294E:0.001, h11km, ML1.5/6, 5C-4D, Error ellipse: s-maj=0.8km s-min=0.1km az=307.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Port Moresby, Honiara, Pohnpei, etc.

IDC 06:08:18:52.6:2.1, 2.34N-30.82W, h0km, mb3.7/4, mbtmp3.7/4, MS3.2/7, Error ellipse: s-maj=74.9km s-min=37.0km az=132.0, Central Mid-Atlantic Ridge

Main table for IDC 06:08:18:52.6:2.1, 2.34N-30.82W, h0km, mb3.7/4, mbtmp3.7/4, MS3.2/7, Error ellipse: s-maj=74.9km s-min=37.0km az=132.0, Central Mid-Atlantic Ridge. Lists stations from H10N3 to PALK.

IDC 06:08:27:56.7:1.4, 28.09S-74.22E, h0km, mb4.1/4, mbtmp4.1/4, MS3.9/29, Error ellipse: s-maj=40.7km s-min=35.9km az=18.0

NEIC 06:08:27:58.2:0.9, 28.1S:0.1-74.2E:0.2, h10km, 1km, mb4.5/12, Error ellipse: s-maj=30.9km s-min=17.7km az=253.0

ISC 06:08:27:58.0:0.7, 28.0S:0.1-74.4E:0.2, h10km, n52, o65/22, mb4.5/8, MS3.8/29, Mid-Indian Ridge

Table for ISC 06:08:27:58.0:0.7, 28.0S:0.1-74.4E:0.2, h10km, n52, o65/22, mb4.5/8, MS3.8/29, Mid-Indian Ridge. Lists stations from AIS to PALK.

Main table for 2016 DEC. Lists stations from GIRL to MBAR with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC.

NNC 06:08:36:37.9:2.2, 54.68N-85.81E, h0km, mb3.7, mpv2.8, 3C-2D, Error ellipse: s-maj=79.2km s-min=12.6km az=130.0, Suspected Mining explosion., Southwestern Siberia

Table for NNC 06:08:36:37.9:2.2, 54.68N-85.81E, h0km, mb3.7, mpv2.8, 3C-2D, Error ellipse: s-maj=79.2km s-min=12.6km az=130.0, Suspected Mining explosion., Southwestern Siberia. Lists stations from ZAAO to MAKZ.

IDC 06:08:42:58.4:122.0, 51.19S-114.17E, h0km, mb3.8/3, mbtmp3.8/3, MS3.7/3, Error ellipse: s-maj=204.5km s-min=144.8km az=42.0, Western Indian-Antarctic Ridge

Table for IDC 06:08:42:58.4:122.0, 51.19S-114.17E, h0km, mb3.8/3, mbtmp3.8/3, MS3.7/3, Error ellipse: s-maj=204.5km s-min=144.8km az=42.0, Western Indian-Antarctic Ridge. Lists stations from H01W2 to MBAR.

TRN 06:09:09:56.4, 18.44N-63.53W, h93km, MD3.7, NEIC 06:09:09:58.2:1.1, 18.29N:0.1-63.61W:0.1, h61km, 35km, Error ellipse: s-maj=23.6km s-min=1.1km az=20.0

RSRP 06:09:09:59.9, 18.73N-63.65W, h83km, 3km, MD3.3/6, ISC 06:09:09:59.9:1.8, 18.6N:0.1-63.48W:0.05, h103km, 13km, n33, o180/53, 9C-1D, Leeward Islands

Table for TRN 06:09:09:56.4, 18.44N-63.53W, h93km, MD3.7, NEIC 06:09:09:58.2:1.1, 18.29N:0.1-63.61W:0.1, h61km, 35km, Error ellipse: s-maj=23.6km s-min=1.1km az=20.0. Lists stations from SMRT to SEUS.

Main table for 6d 9h. Lists stations from SJVI to AOPR with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC.

IDC 06:09:19:40.4:5.1, 22.29S-173.12E, h62km, 37km, mb3.4/3, mbtmp3.5/5, ML5.7/1, MS3.2/8, Error ellipse: s-maj=104.2km s-min=19.5km az=160.0, Southeast of Loyalty Islands

Table for IDC 06:09:19:40.4:5.1, 22.29S-173.12E, h62km, 37km, mb3.4/3, mbtmp3.5/5, ML5.7/1, MS3.2/8, Error ellipse: s-maj=104.2km s-min=19.5km az=160.0, Southeast of Loyalty Islands. Lists stations from DZM to ILAR.

KRNET 06:09:24:43.6:0.1, 40.94N:78.00E, mb2.3, NNC 06:09:24:44.4:0.9, 40.94N:77.95E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=6.4km s-min=4.3km az=176.0

SOME 06:09:24:44.0, 41.00N:77.90E, h0km, ISC 06:09:24:46.8:2.1, 41.05N:0.08:77.87E:0.04, h4km, 15km, n38, o192/60, 9C-5D, Kyrgyzstan-Xinjiang border region

Table for KRNET 06:09:24:43.6:0.1, 40.94N:78.00E, mb2.3, NNC 06:09:24:44.4:0.9, 40.94N:77.95E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=6.4km s-min=4.3km az=176.0. Lists stations from TARG to UZB.

6d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like UZB 1.0nm,0.3s, MTBS Maibute, SHLS Shalkode, etc.

IDC 06 09:32:31.21.9, 0.91S; 127.91E, h0km, mb3.4/3, mbmp3.4/4, ML3.2/1, MS2.7/1, Error ellipse: s-maj=155.3km s-min=23.4km az=66.0

DJA 06 09:32:33.8-0.3, 1.1S, 3.12E, h10km, M3.7/7, mb4.2/2, mb5.1/1, MLV3.4/7, Mw(mB)4.4/1

ISC 06 09:32:38.0-0.9, 1.20S, 102.50E, 0.09, h10km, n10, c065/11, mb3.8/3, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like LBMI Labuha, SANI Sanana, TINTI Ternate, etc.

JMA 06 09:47:59.9, 1.1, 46.1N, 154.15E, h30km, MV4.9/18, KURILE ISLANDS REGION

SKHL 06 09:48:03.1-0.3, 46.40N, 152.50E, h70km, mb4.4, mb5.1/5, mbv0.6/3, msh5.3/4

MOS 06 09:48:03.6-1.2, 46.57N, 152.19E, h70km, mb4.4/8, Error ellipse: s-maj=10.8km s-min=7.8km az=54.0

IDC 06 09:48:05.6-2.6, 46.59N, 152.28E, h75km, mb2.2km, mb3.6/1.6, mbmp4.0/20, MS3.1/21, Error ellipse: s-maj=19.9km s-min=14.6km az=134.0

NEIC 06 09:48:06.7-1.6, 46.65N, 150.15E, 0.2, h81km, 10km, mb4.4/13, Error ellipse: s-maj=20.2km s-min=9.7km az=127.0

ISC 06 09:48:02.4-0.5, 46.37N, 152.39E, 0.06, h52km, n125, c180/119, mb4.12S, MS3.16/3, 1C-3D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like KUR Kuril'sk, KUR 160nm,0.3s, etc.

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Main table with columns: KUR, AMB, Pn, Sn, etc. Includes stations like KUR 4um,3.0s, KUR 5um,3.0s, KUR 4um,3.0s, etc.

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Table with columns: KSAR, WAKI, YAK, etc. Includes stations like KSAR Wonju Array Be, YAK Yakutsk, WAKI WAKE ISLAND Hy, etc.

Table with columns: GERS, LR, LR, 10 38 40.2, etc. Includes stations like Mount Meron Ar, Eilat, Juan Fernandez, etc.

IDC 06 10:11:56.4-2.7, 8.76S; 111.07E, h67km, 26km, mb4.0/12, mbmp4.3/13, MS2.7/2, Error ellipse: s-maj=22.7km s-min=12.3km az=59.0

DJA 06 10:11:58.9-0.5, 9.5S; 111.1E, h49km, 63km, M4.3/15, mb4.4/4, mb5.0/2, MLV4.3/15, Mv(m)B4.2/2

NEIC 06 10:11:58.5-2.8, 9.0S; 0.1, 110.91E; 0.09, h87km, 9km, mb4.2/14, Error ellipse: s-maj=17.4km s-min=9.6km az=217.0

ISC 06 10:11:59.3-0.5, 8.92S; 0.07, 110.98E; 0.06, h100km, n59, r130/61, mb4.3/16, Jaws

Main station list table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Includes stations like Wanagama, Ngawang, SMRI, etc.

OSPL 06 10:27:34.7-2.8, 17.84N; 65.55W, h45km, 125km, ML3.1

RSPR 06 10:27:37.8, 17.91N; 65.88W, h6km, MD3.0/15

NEIC 06 10:27:37.1-0.6, 17.89N; 0.06, 65.88W; 0.02, h19km, 3km, Error ellipse: s-maj=8.8km s-min=2.7km az=180.0

ISC 06 10:27:37.1-1.0, 17.89N; 0.04, 65.88W; 0.02, h19km, 2km, n60, r054/80, 15C-2D, Puerto Rico Region

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Includes stations like InterUniversit, Col San Antoni, etc.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Includes stations like Col San Antoni, HUMP, S.JG, MTP, etc.

ROM 06 10:38:22.9-0.1, 42.565N; 0.005, 13.280E; 0.007, h10km, ML1.8/4, 8C-4D, Error ellipse: s-maj=0.7km s-min=0.5km az=41.0, Central Italy

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

Main station list table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, ISC. Includes stations like CAMP, Pizzolo, etc.

LDG 06 10:39:15.2-0.2, 42.82N; 13.11E, h9km, M12.9/12, Error ellipse: s-maj=4.4km s-min=3.6km az=69.0

ROM 06 10:39:15.2-0.0, 42.829N; 0.002, 13.013E; 0.003, h9km, ML3.2/69, 39C-26D, Error ellipse: s-maj=0.2km s-min=0.2km az=62.0, Central Italy

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

6d 10h

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T1245	Castelsantange	0.13	78	↑P	Pg	10 39 18.7	+0.5	RM33	comp=N,5090µm,0.4s	AML	AML	FAGN	comp=E,2860µm,0.4s	AML	AML								
T1245				S	Sg	10 39 21.5	+1.1	RM33	comp=E,5955µm,0.3s	AML	AML	ATVO	AVT- Monte Val	0.71	321	↓P	Pg	10 39 28.9	0.0				
T1245	comp=E,52700µm,0.5s			AML	AML			RM33	comp=N,5075µm,0.4s	AML	AML	ATVO	comp=E,1032µm,0.4s			AML	AML						
T1245	comp=N,68700µm,0.8s			AML	AML			MDAR	Monte D'Aria	0.38	15	P	Pg	10 39 23.2	+0.6	FRON	comp=N,1295µm,0.7s	AML	AML				
T1245	comp=N,67850µm,0.8s			AML	AML			MDAR	comp=E,9015µm,0.3s			FRON	Frontone	0.72	343	↓P	Pg	10 39 29.0	-0.1				
T1245	comp=E,52300µm,0.5s			AML	AML			MDAR	comp=N,10405µm,0.5s			FRON	comp=E,1002µm,1.3s			AML	AML						
T1245	comp=N,68700µm,0.8s			AML	AML			MDAR	comp=E,9015µm,0.3s			FRON	comp=N,1425µm,1.2s			AML	AML						
FEMA	Monte Fema	0.14	11	↑P	Pg	10 39 18.8	+0.5	MDAR	comp=N,10400µm,0.5s			ATMI	Monte Miggiano	0.74	313	P	Pb	10 39 30.2	-0.1				
FEMA	comp=E,83450µm,0.7s			AML	AML			CESX	Cesi	0.39	236	↑P	Pg	10 39 23.2	+0.5	ATMI	comp=E,3215µm,0.3s	AML	AML				
FEMA	comp=N,46800µm,0.5s			AML	AML			CESX	comp=E,14150µm,0.7s			VCEL	Villa Celiera	0.75	125	↓P	Pb	10 39 30.1	-0.3				
FEMA	comp=N,46850µm,0.5s			AML	AML			CAMP	Campotosto	0.41	135	↑P	Pg	10 39 23.7	+0.4	VCEL	comp=E,1970µm,0.5s	AML	AML				
FEMA	comp=E,83400µm,0.7s			AML	AML			CAMP	comp=N,2350µm,0.8s			ATPI	Pietralunga -	0.77	324	↓P	Pg	10 39 30.0	0.0				
MC2	Monte Cornacci	0.15	57	↑P	Pg	10 39 19.2	+0.6	CAMP	comp=E,2445µm,1.0s			ATPI	comp=E,996µm,0.5s			AML	AML						
T1218	Civita (PG)	0.18	155	↑P	Pg	10 39 19.6	+0.7	MTL1	Matelica	0.43	360	P	Pg	10 39 24.2	+0.6	PIEI	Pleia	0.79	334	↓P	Pg	10 39 30.2	-0.2
T1218				S	Sg	10 39 23.2	+1.7	MTL1	comp=E,13350µm,0.7s			PIEI	comp=N,780µm,0.3s			AML	AML						
T1218	comp=N,19750µm,0.5s			AML	AML			MTL1	comp=N,13490µm,0.9s			PIEI	comp=E,1044µm,0.2s			CORI	Corinaldo	0.80	359	↑P	Pn	10 39 32.1	-0.6
T1218	comp=E,12250µm,1.3s			AML	AML			MTL1	comp=E,13350µm,0.7s			CORI	San Casciano d	0.81	272	↑P	Pb	10 39 31.2	-0.3				
T1218	comp=E,12850µm,1.3s			AML	AML			MTL1	comp=N,13485µm,0.9s			SACS	comp=N,1033µm,0.4s			SACS	comp=N,1033µm,0.4s	AML	AML				
T1218	comp=N,19750µm,0.5s			AML	AML			SNTG	Esanatoglia	0.43	353	P	Pg	10 39 24.1	+0.5	SACS	comp=E,676µm,0.5s	AML	AML				
T1218	comp=E,12250µm,1.3s			AML	AML			SNTG	comp=E,4435µm,0.6s			SACS	comp=N,1050µm,0.4s			SACS	comp=N,1050µm,0.4s	AML	AML				
T1218	comp=N,19300µm,0.5s			AML	AML			SNTG	comp=N,3935µm,0.2s			SACS	comp=N,1032µm,0.4s			SACS	comp=N,1032µm,0.4s	AML	AML				
T1218	comp=N,19300µm,0.5s			AML	AML			SNTG	comp=N,4160µm,0.2s			SACS	comp=N,1050µm,0.4s			SACS	comp=N,1050µm,0.4s	AML	AML				
T1218	comp=N,19300µm,0.5s			AML	AML			SNTG	comp=N,3935µm,0.2s			SACS	comp=N,1032µm,0.4s			SACS	comp=N,1032µm,0.4s	AML	AML				
CESI	CESI - Serrava	0.19	336	↓P	Pg	10 39 19.8	+0.6	SNTG	comp=E,4365µm,0.6s			SACS	comp=N,1050µm,0.4s			SACS	comp=N,1050µm,0.4s	AML	AML				
CESI				S	Sg	10 39 23.4	+1.4	SNTG	comp=E,4435µm,0.6s			SACS	comp=N,1032µm,0.4s			SACS	comp=N,1032µm,0.4s	AML	AML				
CESI	comp=E,16200µm,1.5s			AML	AML			SNTG	comp=N,3935µm,0.2s			SACS	comp=N,1050µm,0.4s			SACS	comp=N,1050µm,0.4s	AML	AML				
FDMO	Fiordimonte	0.21	15	↑P	Pg	10 39 20.2	+0.6	SNTG	comp=N,4160µm,0.2s			MPAG	Monte Paganucco	0.82	347	↓P	Pg	10 39 30.9	-0.1				
FDMO				S	Sg	10 39 23.9	+1.3	SNTG	comp=N,3935µm,0.2s			MPAG	comp=E,1295µm,0.5s			AML	AML						
FDMO	comp=E,25350µm,0.2s			AML	AML			T1247	Pizzolo (AO)	0.44	151	↑P	Pg	10 39 24.3	+0.5	MPAG	comp=N,1092µm,0.4s	AML	AML				
LNSS	Leonessa	0.23	175	↑P	Pg	10 39 20.5	+0.6	T1247	comp=E,5910µm,1.2s			MPAG	comp=N,1092µm,0.4s			T0110	Collepietro	0.83	137	P	Pg	10 39 31.1	0.0
LNSS	comp=N,20500µm,0.9s			AML	AML			T1247	comp=N,4690µm,1.0s			T0110	comp=N,1408µm,1.0s			T0110	comp=N,1408µm,1.0s	AML	AML				
LNSS	comp=N,17050µm,1.3s			AML	AML			ATCC	AVT- Casa Cast	0.45	323	↓P	Pg	10 39 24.5	+0.5	AOI	Ancona	0.84	31	↑P	Pb	10 39 32.4	+0.4
T1219	Muccia, Frazio	0.23	359	↓P	Pg	10 39 20.4	+0.5	ATCC	comp=E,5440µm,0.2s			AOI	comp=N,1270µm,1.3s			AOI	comp=N,1270µm,1.3s	AML	AML				
T1219				S	Sg	10 39 24.6	+1.6	ATCC	comp=N,6820µm,0.3s			AOI	comp=N,1270µm,1.3s			APEC	Apecchio	0.85	329	↓P	Pb	10 39 32.1	0.0
T1219	comp=E,14150µm,0.3s			AML	AML			TERO	Teramo	0.48	115	↑P	Pg	10 39 24.8	+0.3	APEC	comp=N,1235µm,0.7s	AML	AML				
T1219	comp=N,13150µm,0.4s			AML	AML			TERO	comp=N,2450µm,0.8s			APEC	comp=N,1080µm,0.4s			APEC	comp=N,1080µm,0.4s	AML	AML				
T1219	comp=E,14100µm,1.1s			AML	AML			TERO	comp=N,2540µm,0.8s			CERT	Cerreto	0.88	182	↓P	Pb	10 39 33.1	+0.5				
T1219	comp=N,13150µm,0.4s			AML	AML			TERO	comp=E,2305µm,0.6s			CERT	comp=N,1195µm,1.2s			CERT	comp=N,1195µm,1.2s	AML	AML				
T1219	comp=E,14150µm,0.4s			AML	AML			TERO	comp=N,2440µm,0.8s			CERT	comp=E,1930µm,1.2s			CERT	comp=N,1195µm,1.2s	AML	AML				
T1219	comp=N,13200µm,0.4s			AML	AML			FOSV	Fossato di V	0.50	338	↓P	Pg	10 39 25.3	+0.4	FSSB	Fossombrone	0.88	349	↓P	Pg	10 39 32.1	0.0
T1256	Bolognola (MC)	0.24	41	↑P	Pg	10 39 20.6	+0.6	FOSV	comp=E,2165µm,1.1s			FSSB	comp=E,2775µm,0.4s			FSSB	comp=N,3830µm,0.2s	AML	AML				
T1256				S	Sg	10 39 24.8	+1.4	EL6	Elicito	0.50	7	↑P	Pg	10 39 25.5	+0.5	BADI	Badioli	0.88	321	↑P	Pg	10 39 32.2	+0.1
T1256	comp=N,13000µm,1.0s			AML	AML			EL6	comp=E,8580µm,0.9s			EL6	comp=N,3145µm,0.5s			SENI	Senigallia	0.89	10	↓P	Pn	10 39 34.4	+0.6
T1256	comp=N,12550µm,1.0s			AML	AML			EL6	comp=N,8575µm,0.9s			EL6	comp=N,3145µm,0.5s			SENI	comp=N,7480µm,0.4s	AML	AML				
T1256	comp=N,13000µm,1.0s			AML	AML			EL6	comp=N,9730µm,0.5s			OFFI	Offida	0.51	78	↑P	Pb	10 39 26.4	+0.2				
T1256	comp=E,21600µm,0.8s			AML	AML			OFFI	comp=N,9730µm,0.5s			OFFI	comp=E,5785µm,0.9s			OFFI	comp=N,936µm,0.8s	AML	AML				
T1256	comp=N,21050µm,0.8s			AML	AML			OFFI	comp=N,2450µm,0.8s			OFFI	comp=N,6425µm,1.4s			CAFI	Castiglione F	0.92	303	↑P	Pg	10 39 32.9	+0.1
MMOI	Montemonaco	0.24	73	↑P	Pg	10 39 20.7	+0.6	GIGS	Gran Sasso	0.56	133	↑P	Pg	10 39 26.3	+0.3	CAFI	comp=E,742µm,0.6s	AML	AML				
MMOI				S	Sg	10 39 25.1	+1.6	GIGS	comp=N,432µm,1.3s			MCIV	Monte Civitelli	0.98	268	↑P	Pn	10 39 35.1	-0.1				
ARRO	Arrone	0.31	216	↑P	Pg	10 39 22.1	+0.7	GIGS	comp=N,431µm,1.3s			MCIV	comp=N,1037µm,1.6s			MCIV	comp=N,1037µm,1.6s	AML	AML				
ARRO	comp=E,6745µm,0.2s			AML	AML			CING	Cingoli	0.56	14	↑P	Pg	10 39 26.5	+0.4	SF04	Casetta	0.99	271	↓P	Pn	10 39 36.1	+0.8
SMA1	SAN MARTINO	0.31	130	P	Pb	10 39 22.3	-0.6	CING	comp=N,3035µm,0.4s			SF04	comp=N,2035µm,0.1s			SF04	comp=N,680µm,0.3s	AML	AML				
SMA1	comp=E,9170µm,1.1s			AML	AML			MURB	Monte Urbino	0.56	321	↓P	Pg	10 39 26.5	+0.4	PARC	Parchiute	1.00	326	↓P	Pg	10 39 34.3	0.0
SMA1	comp=N,9845µm,0.4s			AML	AML			MURB	comp=E,7070µm,0.3s			PARC	comp=N,3335µm,0.3s			PARC	comp=N,3335µm,0.3s	AML	AML				
T1241	Roccaluvione,	0.31	85	P	Pg	10 39 22.0	+0.6	MURB	comp=N,8235µm,1.0s			PARC	comp=E,462µm,0.7s			INTR	Introdacqua	1.05	141	P	Pg	10 39 34.9	-0.5
T1241				S	Sg	10 39 27.4	-0.7	MURB	comp=N,8235µm,1.0s			PARC	comp=N,1µm,1.1s			INTR	comp=N,1µm,1.1s	AML	AML				
T1241	comp=E,7960µm,0.8s			AML	AML			MURB	comp=N,8235µm,1.0s			INTR	comp=N,1µm,1.1s			INTR	comp=N,1µm,1.1s	AML	AML				
T1241	comp=N,6490µm,0.5s			AML	AML			MURB	comp=N,8235µm,1.0s			INTR	comp=N,1µm,1.1s			INTR	comp=N,1µm,1.1s	AML	AML				
T1241	comp=N,6485µm,0.5s			AML	AML			MURB	comp=N,8235µm,1.0s			INTR	comp=N,1µm,1.1s			INTR	comp=N,1µm,1.1s	AML	AML				
T1241	comp=N,6485µm,0.5s			AML	AML			MURB	comp=N,8235µm,1.0s			INTR	comp=N,1µm,1.1s			INTR	comp=N,1µm,1.1s	AML	AML				
T1241	comp=N,6485µm,0.5s			AML	AML			MURB	comp=N,8235µm,1.0s			INTR	comp=N,1µm,1.1s			INTR	comp=N,1µm,1.1s	AML	AML				
T1241	comp=N,6485µm,0.5s			AML	AML			MURB	comp=N,8235µm,1.0s			INTR	comp=N,1µm,1.1s			INTR	comp=N,1µm,1.1s	AML	AML				
T1241	comp=N,6485µm,0.5s			AML	AML			MURB	comp=N,8235µm,1.0s			INTR	comp=N,1µm,1.1s			INTR	comp=N,1µm,1.1s	AML	AML				

Table with columns for station name, frequency, mode, and coordinates. Includes stations like OGRRR Ongureny, ZRHB Zarechye, MXMB Maximikha, etc.

Table with columns for station name, frequency, mode, and coordinates. Includes stations like KMO Kumora, CIT Chita, ZAK Zakamensk, etc.

Table with columns for station name, frequency, mode, and coordinates. Includes stations like KLR Kul'dur, MK31 Makanchi Array, MAKZ Makanchi, etc.

SOME 06 11:34:03.2, 39:30N:74:18E, h0km
KRNET 06 11:34:04.0, 0.1, 39:39N:74:23E, mb3.4
NINC 06 11:34:07.8, 1.6, 39:43N:74:04E, h0km, mb3.6, mpv3.2

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, h, m, s, ISC. Includes stations like OHH Osh, DRK Karamyk, ARLS Ara, etc.

Table with columns: IZ, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like KHZ Kahutara, GVT Greta Valley S, AMCZ Amberley, etc.

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

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like VVND Vanda, ASAR Alice Springs, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songia Array.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songia Array.

Main table with columns: IZ, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like TSLK Tsoukalades, TSLK Tsoukalades, TSLK Tsoukalades, etc.

Main table with columns: IZ, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like NEO, LOUT, OHR, STIP, SKO, ULC, etc.

6d 13h

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

WEL 06 13:13:45.70.3.42'S;2°17'3E;h5km,M3.4/31, ML3.7/12,MLV3.4/31, Error ellipse: s-maj=0.0km s-min=0.0km az=134.1, confirmed, South Island

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

IDC 06 13:19:28.2:1.1.38.77N;70.68E,h0km,mb3.7/8, mbtmp3.7/15, ML3.1/6, MS2.6/4, Error ellipse: s-maj=20.3km s-min=13.3km az=149.1

MOS 06 13:19:30.0:1.2.38.94N;70.63E,h17km,mb4.3/5, Error ellipse: s-maj=12.8km s-min=7.0km az=86.2

NEIC 06 13:19:31.6:2.2.38.90N;075.07E,0.06,h11km,5km, mb4.5/8, Error ellipse: s-maj=8.0km s-min=4.7km az=218.0

NMC 06 13:19:31.7:1.2.39.03N;70.47E,h0km,mb4.1,mpv3.8, Error ellipse: s-maj=11.1km s-min=6.5km az=3.0

ISC 06 13:19:32.0:1.0.38.92N;075.04E,0.04,h15km,6km, n81,az1970/87,mb4.1/21,9C-6D,Afghanistan-Tajikistan border region

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

2016 DEC

Main station list table for 2016 DEC with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAK, KBK, CHMS, etc.

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

IDC 06 13:25:11.6:6.6.20.90S;174.21W,h0km,mb3.3/2, mbtmp3.3/2, Error ellipse: s-maj=331.4km s-min=69.3km az=149.0, Tonga Islands

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

WEL 06 13:36:10.2.38'S;10°17'9E;h1.3,h36km,12km,M2.7/31, mB5.1/1,ML3.0/3,MLV2.7/31,Mw(mB)4.1, Error ellipse: s-maj=0.0km s-min=0.0km az=58.1, Off east of North Island

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

WEL 06 13:19:42.0:1.1.38.8'S;5°17'9E;h10,h12km,M3.5/44, ML3.8/26,MLV3.4/44, Error ellipse: s-maj=0.0km s-min=0.0km az=69.2, confirmed, Off east coast of North Island

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include PNHZ, PRHZ, NNVZ, etc.

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include PAWZ, KIWI, MRNZ, etc.

WEL 06 13:37:00.3±0.9,38°S,6°17'9E, h12km, M2.9/26, ML3.2/25, MLV2.9/26, Error ellipse: s-maj=0.0km s-min=0.0km az=120.8, confirmed, Off east coast of North Island

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

WEL 06 14:47:51.4, 42°S, 174°E, h20km, g9km, M2.8/13, ML2.9/16, MLV2.8/13, Error ellipse: s-maj=0.0km s-min=0.0km az=72.8, South Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include KK31, KK31, KK31, etc.

WEL 06 14:48:30.2±0.3, 42°S, 174°E, h9km, M2.7/21, ML2.8/18, MLV2.7/21, Error ellipse: s-maj=0.0km s-min=0.0km az=135.2, confirmed, South Island

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

TEH 06 13:37:56.6, 30°41'N, 57°57'E, h9km, ML3.5, Northern and central Iran

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

WEL 06 14:38:42.3±0.3, 42°S, 174°E, h11km, M2.9/36, ML3.6/20, MLV3.4/36, Error ellipse: s-maj=0.0km s-min=0.0km az=106.7, confirmed

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

WEL 06 14:38:42.3±0.3, 42°S, 174°E, h11km, M2.9/36, ML3.6/20, MLV3.4/36, Error ellipse: s-maj=0.0km s-min=0.0km az=106.7, confirmed

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

ISU 06 13:51:08.9, 39°86'N, 70°39'E, h11km, KRNET 06 13:51:09.0±0.1, 39°90'N, 70°39'E, h19km, mb3.5

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

NOU 06 14:38:42.3±0.3, 42°S, 174°E, h16km, MLV3.8/8, Cook Strait, New Zealand

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

WEL 06 14:48:30.2±0.3, 42°S, 174°E, h9km, M2.7/21, ML2.8/18, MLV2.7/21, Error ellipse: s-maj=0.0km s-min=0.0km az=135.2, confirmed, South Island

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

Table with columns: STKA, Stephens Creek, 28.77 155 P, P, 14 56 46.2 +0.8. Includes various station codes and coordinates.

WEL 06 14:53:38.5, 0.3, 42°S, 2°17'4E, h5km, M3.0/21, ML3.2/16, MLV3.0/21, Error ellipse: s-maj=0.0km s-min=0.0km az=126.1, confirmed, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like BSWZ, ESWZ, KHZ, etc.

Table with columns: RATZ, Rangitukia, 3.53 26 P, P, 14 54 40.4 -0.9. Includes station codes like BKZ, HIZ, WATZ, etc.

NOU 06 15:00:20.0, 38°22'S, 175°90'E, h205km, MLV3.5/8, North Island, New Zealand. WEL 06 15:00:23.8, 0.7, 38°S, 175°E, h165km, M3.0/99, ML3.5/134, MLV3.0/99, Error ellipse: s-maj=0.0km s-min=0.0km az=143.4, confirmed

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like GRRZ, UTU, NGRZ, etc.

Table with columns: RPZ, Rata Peaks, 6.62 212 P, P, 15 01 54.9 +0.2. Includes station codes like ARZ, FMZ, LBZ, etc.

IDC 06 15:00:59.2, 22.0, 118°N, 100°30'W, h0km, mb3.6/3, mbmt3.6/3, MS3.2/7, Error ellipse: s-maj=828.8km s-min=143.5km az=109.0, Galapagos Triple Junction region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like CMIG, JTS, ATAH, etc.

IDC 06 15:08:44.9, 0.7, 39°03'N, 74°42'E, h0km, mb3.9/20, mbmt3.9/26, ML3.4/6, MS3.1/16, Error ellipse: s-maj=13.1km s-min=1.2km az=104.0. MOS 06 15:08:50.5, 1.2, 39°17'N, 74°42'E, h46km, mb4.3/14, Error ellipse: s-maj=7.9km s-min=5.2km az=89.8

NNC 06 15:08:52.0, 1.4, 39°49'N, 74°24'E, h0km, mb4.6, mpv4.3, Error ellipse: s-maj=11.9km s-min=6.9km az=171.0. NEIC 06 15:08:54.2, 1.9, 39°21'N, 07°74'24E, 0.07, h59km, gkm, mb4.3/26, Error ellipse: s-maj=12.2km s-min=2.3km az=141.0

ISC 06 15:08:47.0, 0.4, 39°01'N, 04°74'23E, 0.04, h10km, n172, c1874/170, mb4.1/37, MS3.2/16, 19C-10D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like GAR, AML, UCH, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for stations 351 through 444.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for stations MK31 through Q44A.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for stations Q44A through AS31.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WB2 Warramunga Arr, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UCR 06 15:57:11.0-8.9, INET 06 15:57:11.0-8.9, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HZTE Horizontes, Gu, NOU 06 16:24:50.2, DVP Devils Point, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELOB ELOB, ESDC Sonseca Array, GAVI Gaviereira, etc.

Table of astronomical observations for 6d 17h, listing station names, coordinates, and observation times.

Table of astronomical observations for 2016 DEC, listing station names, coordinates, and observation times.

Table of astronomical observations for 2016 DEC, listing station names, coordinates, and observation times.

IDC 06:16:49:29.75.0, 31.765N-177.59E, h0km, mb4.9/3, mbtm49.3, Error ellipse: s-maj=171.1km s-min=63.0km az=162.0, North of New Zealand

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CTX, DWU, ASAR, WRA, FINES, etc.

REN 06:16:58.00.1, 9.3777N-102.11380W, h1km, 4km, Error ellipse: s-maj=2.6km s-min=2.1km az=215.0

UUSS 06:16:58.00.1, 1.7, 37.78N-0.01, 113.82W, 0.02, h9km, 5km, ML2.2/2, ML2.17(REN), ML2.2/2(NEIC), Error ellipse: s-maj=2.2km s-min=1.9km az=100.0

NEIC 06:16:58.00.6, 1.1, 37.782N-136.006W, h13.78W, 0.02, h5km, 6km, Error ellipse: s-maj=2.2km s-min=0.9km az=85.0, Utah

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ARUT, ARUT, PSUT, PSUT, PSUT, etc.

ROM 06:17:06:11.4±0.0, 42.734N-103.088E, s-maj=0.3km s-min=0.2km az=254.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for T2128, T2128, T2128, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like THAL Thalerio, NEOKHORI, EPIDAVROS, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MDRV Moldovita, SGRTR San Giovanni R, AKASG Malin Array B, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ASAR Alice Springs, WEL WEL.

THE 06 17:30:40.0, 38°47N-23°42E, h7km, 1km, ML3.0/6, Error ellipse: s-maj=1.4km s-min=0.5km az=119.0

ATH 06 17:30:40.7, 38°46N-23°47E, h10km, 31km, ML3.0/8, Error ellipse: s-maj=31.6km s-min=1.1km az=0.0

ISC 06 17:30:40.1, 1.0, 38°47N-0.0, 23°42E-0.0, h8km, 13km, n25, o559/40, Greece

Table with columns: Code, Station Name, Frequency, Power, Modulation, Phase ID, Time, Res. Includes stations like VIL2 Platees, WLL2 Villia, ATAL Atalanti, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DHRM DHARAMSHALA, UCH Uchtor, EKS2 Erkin-Say, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like JMD0 Jabal Madar, BSY Bisya, AKT Akhty, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KEV, ARCES ARCESS Array B, ARCES ARCESS Array A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like MARNC Mare, Loyalty, MARNC Mare, Loyalty, etc.

Table with columns: SVUR, 292nm, 0.2s, baz=154, eP, Pg, 18 21 19.2 -0.5, etc.

ASRS 06 18:36:07.8, 0.3, 50.0, 2N, 8.8E, h10km, ML3.3/11, Error ellipse: s-maj=3.9km s-min=3.4km az=141.0, confirmed

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC

AEIC 06 18:41:02.2, 5.1, 51.4N, 0.2, 179.46E, 0.09, h63km, 8km, Error ellipse: s-maj=26.8km s-min=8.3km az=182.0

NEIC 06 18:41:02.2, 1.9, 51.5N, 0.2, 179.40E, 0.10, h74km, 10km,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC

WEL 06 18:47:14.9, 0.3, 42.5, 3, 17.4E, h12km, 3km, M3.5/3.4, s-min=0.0km az=136.0, confirmed

Table with columns: HOWZ, Holdsworth Sta, 1.34, 41, P, Pg, 18 47 38.4 +0.1, etc.

VAO 06 18:52:44.9, 2.1, 32.29S, 69.51W, h87km, 13km, mb4.1

NEIC 06 18:52:54.2, 2.31, 48S, 0.05, 69.08W, 0.07, h114km, 7km, s-min=7.0km az=73.0

ISC 06 18:52:53.8, 0.5, 31.51S, 0.03, 69.09W, 0.03, h118km, 4km, n144, s170/205, mb4.27, 8C-2D, San Juan Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC

CO02 Combarbal, 1.67, 280, Pn, 18 53 24.1 +0.8

6d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Blackbirch Sta, Tuamarina, South Karori, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Highcliff Hill, Wanaka, Earnscleugh, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Van, Ozalp-Mer, Van, Ozalp-Mer, etc.

JMA 06 20:49:28.1±0.3,29.3N,0.8:12.9E, h12km±1km, MV2.7/14, NEAR TOKARA ISLANDS. JMA Felt II J1 at NEAR TOKARA ISLANDS. IDC 06 20:49:41.9±1.2, 28.64N:127.75E, h81km±34km, mb3.0/3, mbtmp3.3, MS2.9/2, Error ellipse: s-maj=229.9km s-min=25.3km az=64.0. ISC 06 20:49:28.9±1.1, 29.25N:0.05:129.33E:0.07, h8km±gkm, n16, -0.92/20, mb3.3/3, Ryukyu Islands

6d 21h

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

2016 DEC

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

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

6d 21h

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like UZH Uzhgorod, RLS Riolos of Patr, FYU Fort Yukon, etc.

2016 DEC

Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like WAT6 Susitna Watana, M23K Glacier View, VILL Vili, etc.

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Table with columns for station ID, name, frequency, power, and signal quality. Includes stations like SZH Strazhnica, F22K John River, IDI Anoyia, etc.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like KIS Kishinev, TPGR Topolog, M19K Big River Lodg, etc.

2016 DEC

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like ANTO comp=Z,49nm,1.0s, ANM comp=Z,6um,22.0s, BR131 Keskin Arra S, etc.

6d 21h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like SVE SVE, TIXI Tiksi, TIXI Tiksi, etc.

6d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

NEIC 06:21:48:28.4:1.2:23:33S:0:09:180:0W:0:2, h546km, 11km, mb4.1/13, Error ellipse: s-maj=26.6km s-min=9.3km az=67.0

ISC 06:21:48:29.8:2.9:22:98S:179:84E, h559km, 26km, mb3.2/5, mbmp1.2/6, Error ellipse: s-maj=69.3km s-min=19.1km az=158.0

ISC 06:21:48:27.8:0.7:23:25:0:1:180:0W:0:1, h550km, n33, c=080/35, mb3.8/11, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSVF Nonsavu, MARNC Mare Loyalty, LFIFC LIFOU, etc.

ROM 06:21:51:31.5:0.1:42:78N:0:003:13:255E:0:004, h141km, ML1.4/11, 8CD, Error ellipse: s-maj=0.3km s-min=0.2km az=96.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1245 Castelsantange, T1245, T1245, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1218 SAN MARTINO, SMA1, SMA1, etc.

ISC 06:21:58:30.0:13.0, 7:05S:150:64E, h68km, 76km, mb3.7/6, mbmp4.0/7, ML4.1/1, Error ellipse: s-maj=146.6km s-min=60.4km az=6.0

ISC 06:21:58:24.4:3.5, 7:45S:0:5:150:5E:0:4, h35km, n7, c=080/7, mb4.0/6, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), KRSR Kora Array, KLR, etc.

MAN 06:22:00:01.1:6:13N:126:33E, h51km, mb4.1, ML2.9, MS2.6, 1C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DDMP Don Marcelino, MATI Mati, SKMP, etc.

ISC 06:22:03:30.2:0.4, 5:12N:95:95E, h0km, mb5.6/36, mbmp5.6/38, ML5.1/2, MS6.6/79, Error ellipse: s-maj=13.6km s-min=9.5km az=41.0

MOS 06:22:03:30.6:1.1, 5:16N:95:97E, h12km, mb6.3/95, MS6.7/88, Error ellipse: s-maj=6.1km s-min=3.4km az=112.4

NEIC 06:22:03:33.4:2.3, 5:28N:0:06:96:17E:0:0, h13km, mb6.3/278, Ms_20 6/939, Mw6.5/56, Mw6.5, Error ellipse: s-maj=9.8km s-min=7.4km az=12.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mn:1.44, Mw:7.06, Mw:6.93, Mw:6.94, Mw:2.98, Mw:0.83;

Fault plane solution: M=0.100000, N=1.700000, NP2: 0.324 950000, 0.87 490000, 1.70 450000; Principal axes: T 6.1658, Plg9.0000; Azm130.0000; P -7.5632, Plg5.0000; Azm11.0000;

BUI 06:22:03:34.2:0.0, 5:30N:96:35E, h20km, mb5.9/80, Mb6.8/80, Ms7.1/92, Ms7.7/0/89

DJA 06:22:03:34.2:0.1, 5:52N:9:6E, h12km, 1km, M6.4/133, Mb6.2/132, Mb6.7/133, MLV6.8/7, Mw6.5/103, MwMw6.6/133, MwMw6.2/117, Mw6.2/117

ISC-EH 06:22:03:34.2:5:31N:96:07E, h19km, 1km, Error ellipse: s-maj=2.7km s-min=1.8km az=35.0

KLM 06:22:03:37.5:29N:95:98E, h19km, mb6.6, GCMT 06:22:03:39.4:0.0, 5:28N:96:22E, h18km, MW6.6/167, Moment Tensor Solution. s167.3393; s164.7299; Duration: 4s7 Moment tensor: Scale 10^19Nm; Mn:0.14e:00; Mw:0.75e:00; Mw:0.60e:00; Mw:0.49e:01; Mw:0.34e:00; Mw:0.19e:01; Best double couple: Mod:0.87700x10^19 NP1:0.14900000, 0.81000000, 1.50000000; NP2:0.55000000, 0.66000000, 1.10000000; Principal axes: T 0.6970, Plg10.0000; Azm280.0000; N 0.3600, Plg64.0000; Azm168.0000; P -1.0570, Plg24.0000; Azm14.0000; nsta1 refers to body

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waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 06:22:03:34.2:5:01N:95:87E, h14km, Moment Tensor Solution. Duration: 16s0 Moment tensor: Scale 10^18Nm; Mn:1.47, Mw:6.57, Mw:5.09, Mw:3.34, Mw:3.28, Mw:2.57; Fault plane solution: M=0.100000, N=1.700000, NP2: 0.324 950000, 0.87 490000, 1.70 450000; Principal axes: T 7.8292, Plg29.0000; Azm110.0000; N 0.3522, Plg5.0000; Azm255.0000; P -8.1813, Plg16.0000; Azm11.0000;

ISC 06:22:03:34.2:0.2, 5:28N:0:06:96:17E:0:03, h14km, 1km, h14km:pp-P, N2588, c=250/2615, mb6.2/403, MS6.8/414, 163C-110D, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LHMI Lhok Sumawe, LHMI Lhok Sumawe, MSLI Meulaboh, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMRI Semarang, VJD Vijayawada, QIZ Qiongzong, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VAR Varanas, IGBI Denpasar, KAAM Kaadhehdoo, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SONA Davao City, DAV Davao City, DAV Kundal, etc.

6d 22h

Table with columns for station name, frequency, and signal strength. Includes stations like MBWA Marble Bar, BNDI Bandanaira, PSA00 Pilbara Seismi, etc.

2016 DEC

Table with columns for station name, frequency, and signal strength. Includes stations like MTN Manton Dam, TARG Taragay, MHTO MHTO, etc.

378

Table with columns for station name, frequency, and signal strength. Includes stations like KLBR Kellerberrin, CHMS Chumysh, DMTO DMTO, etc.

6d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like TEY, ATD, BBOO, WHYH, JEM, etc.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like GRNR, JMP, KRVT, RABL, etc.

380

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKH, GURO, ARU, KMBO, etc.

6d 22h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PET, AKASG, BGKT, KLMR, AYDB, etc.

2016 DEC

Table with columns for station name, frequency, mode, and signal strength. Includes stations like AKASG, RAZG, TMBK, etc.

382

Table with columns for station name, frequency, mode, and signal strength. Includes stations like WDLM, ATAL, AXAR, etc.

6d 22h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like SABO, BIOA, GECZ, GERES, AQU, KBA, etc.

2016 DEC

Table with columns for station name, frequency, mode, and signal strength. Includes stations like WATA, NC405, SOTA, GRA1, etc.

384

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KIWB, NZ, MSVF, FUNA, etc.

6d 22h

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like CNPM, BRLK, RC01, etc.

2016 DEC

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like INK, G30M, Q23K, etc.

386

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like V35K, YKA, YKA, etc.

RSSD	Black Hills	127.57	18	PKKp	MLR	22 22 38.2	-1.5
CWC	Cottonwood Cre	127.59	35	P	PKIKP	22 22 40.2	-0.3
GRAC	Grapevine Rang	127.59	34	P	PKPpdf	22 22 38.8	-0.9
PKM	Mpchspon Peak	127.64	38	P	PKPpdf	22 22 36.2	-3.8
ISA	Isabella, Lake	127.90	36	P	PKPpdf	22 22 38.5	-1.9
SBC	Santa Barbara	128.00	38	P	PKPpdf	22 22 37.8	-2.6
PKME	Peaks-Kenny Pk	128.02	347	IAMS_20	IAMS_20	23 23 38.7	
PKME	Peaks-Kenny Pk	128.02	347	P	PKPpdf	22 22 38.6	-1.6
K22A	Casper	128.04	21	P	PKPpdf	22 22 36.9	-3.6
K22A	Casper	128.04	21	P	PKPpdf	22 22 37.8	-2.8
K22A	Casper	128.04	21	P	PKPpdf	22 22 37.2	-3.3
TRQ	Mont Tremblant	128.06	352	P	PKPpdf	22 22 38.2	-2.1
ARVC	Arvin	128.06	37	P	PKPpdf	22 22 39.0	-1.6
MPMC	Manual Prospec	128.19	35	P	PKPpdf	22 22 39.3	-1.8
TPNV	Topopah Spring	128.24	33	IAMS_20	IAMS_20	23 27 38.0	
TPNV	Topopah Spring	128.24	33	P	PKPpdf	22 22 38.7	-2.4
FURC	Furnace Creek,	128.25	34	P	PKPpdf	22 22 39.6	-1.3
SCZ2	Santa Cruz Isl	128.34	38	P	PKPpdf	22 22 39.5	-1.7
F36A	Milaca	128.36	9	P	PKPpdf	22 22 39.6	-1.3
OSI	Osito Audit: C	128.48	37	P	PKPpdf	22 22 39.8	-1.6
RWWY	Rawlins	128.62	22	IAMS_20	IAMS_20	23 28 25.3	
EDW2	Edwards Air Fo	128.73	36	P	PKPpdf	22 22 41.2	-0.8
VVL	Waterville	128.77	347	IAMS_20	IAMS_20	23 24 09.5	
ALGR	Green Verdugo	128.96	37	P	PKPpdf	22 22 41.3	-1.1
SHOC	Shoshone, Teco	128.99	34	P	PKPpdf	22 22 40.6	-1.8
PASC	Pasadena Art C	129.11	37	IAMS_20	IAMS_20	23 29 28.5	
GSC	Goldstone, Bar	129.12	35	P	PKPpdf	22 22 41.2	-1.5
FMP	Fort Macarthur	129.35	38	P	PKPpdf	22 22 40.2	-2.9
BFSM	Mount Baldy Ra	129.37	37	P	PKPpdf	22 22 41.5	-1.8
BMNY	Brushton-Moira	129.41	351	P	PKPpdf	22 22 41.6	-1.2
CIS	Catalina Islan	129.49	38	P	PKPpdf	22 22 41.7	-1.7
TOUQ	Turquoise Moun	129.52	34	P	PKPpdf	22 22 43.1	-0.5
020A	White River Ci	129.54	24	P	PKPpdf	22 22 41.3	-2.3
020A	White River Ci	129.54	24	P	PKPpdf	22 22 43.1	-0.5
LBNH	Lisbon	129.55	349	IAMS_20	IAMS_20	23 21 46.0	
LBNH	Lisbon	129.55	349	P	PKPpdf	22 22 42.1	-1.0
PHWY	Pilot Hill	129.61	21	IAMS_20	IAMS_20	23 32 06.8	
VT1	Waterbury	129.62	350	IAMS_20	IAMS_20	23 22 35.9	
LONV	Lake Ozonia	129.63	351	IAMS_20	IAMS_20	23 29 25.0	
LONV	Lake Ozonia	129.63	351	P	PKPpdf	22 22 42.7	-0.6
N23A	Red Feather La	129.79	22	P	PKPpdf	22 22 44.0	-0.1
BBRO	Big Bear Solar	129.79	36	P	PKPpdf	22 22 40.6	-3.7
ECSD	EROS Data Cent	129.87	12	IAMS_20	IAMS_20	23 24 47.8	
ECSD	EROS Data Cent	129.87	12	P	PKIKP	22 22 44.5	-0.1
ECSD	EROS Data Cent	129.87	12	P	PKPpdf	22 22 43.5	-0.3
MURC	Murrieta	130.09	37	P	PKPpdf	22 22 44.5	0.0
GLMI	Grayling	130.12	1	P	PKPpdf	22 22 43.8	-0.5
HNH	Hanover	130.13	349	IAMS_20	IAMS_20	23 21 52.5	
HNH	Hanover	130.13	349	P	PKIKP	22 22 44.9	-0.1
GMRC	Granite Mounta	130.14	35	P	PKPpdf	22 22 44.0	-0.7
K31A	O'Neill	130.44	14	P	PKPpdf	22 22 43.2	-1.8
BELC	Belle Mtn. Jos	130.52	36	P	PKPpdf	22 22 44.7	-0.7
10FC	Pinyon Flats O	130.52	36	P	PKPpdf	22 22 45.0	-0.5
P90C	Camp Elliot, M	130.64	37	IAMS_20	IAMS_20	23 32 05.2	
BRIGG	Briggsdale	130.65	21	IAMS_20	IAMS_20	23 32 25.2	
NEE2	Needles Airpor	130.74	34	P	PKPpdf	22 22 45.4	-0.3
ISCO	Idaho Springs	130.87	22	IAMS_20	IAMS_20	23 19 02.2	
ISCO	Idaho Springs	130.87	22	P	PKPpdf	22 22 44.9	-1.3
SMCO	Snowmass	130.87	24	IAMS_20	IAMS_20	23 22 29.9	
IRM	Iron Mountain	130.89	35	P	PKPpdf	22 22 46.3	+0.3
MONP2	Monument Peak	131.05	37	P	PKPpdf	22 22 44.3	-2.3
OCNE	Ogallala	131.08	18	P	PKPpdf	22 22 45.3	-1.0
BG3	Big Chuckawall	131.08	35	P	PKPpdf	22 22 46.2	-0.3
WES	Weston	131.21	348	IAMS_20	IAMS_20	23 30 27.0	
BCX	Boston College	131.22	347	IAMS_20	IAMS_20	23 30 08.5	
TRY	Troy	131.33	350	IAMS_20	IAMS_20	23 25 02.0	
PDMCI	Parker Dam,Lak	131.35	34	P	PKPpdf	22 22 45.8	-1.1
SWSC	Sam W. Stewart	131.38	36	P	PKPpdf	22 22 45.9	-1.0
IKP	In-Ko-Pah, Jac	131.41	37	P	PKPpdf	22 22 46.4	-0.7
L16N	Northampton	131.42	349	P	PKPpdf	22 22 44.5	-2.2
PTCN	Pitcairn Islan	131.54	19	IAMS_20	IAMS_20	23 20 07.8	
JFWS	Jewell Farm	131.69	6	P	PKPpdf	22 22 45.5	-1.8
BRYW	Bryant College	131.70	348	IAMS_20	IAMS_20	23 23 48.1	
BGNE	Belgrade	131.73	14	P	PKPpdf	22 22 45.8	-1.6
Q24A	Divide	131.77	22	P	PKPpdf	22 22 44.2	-3.7
GLA	Glamis	131.88	35	P	PKPpdf	22 22 46.7	-1.3
MVCO	Mesa Verde	131.88	27	IAMS_20	IAMS_20	23 23 11.2	
MVCO	Mesa Verde	131.88	27	P	PKPpdf	22 22 46.7	-1.5
WUAZ	Wupatki	131.88	30	IAMS_20	IAMS_20	23 31 55.3	
WUAZ	Wupatki	131.88	30	P	PKPpdf	22 22 47.5	-0.6
S22A	4UR Ranch, Cre	131.82	25	P	PKPpdf	22 22 47.4	-1.3
BINY	Binghamton	132.21	352	P	PKPpdf	22 22 48.2	-0.1
SCIA	State Center	132.27	267	P	PKPpdf	22 22 47.8	-0.6
RCBR	Riachuelo	132.27	267	PKP	SKPbc	22 22 48.6	-0.6
RCBR	Riachuelo	132.27	267	SKPbc	SKPbc	22 26 15.2	-0.4

RCBR	Riachuelo	132.27	267	IAMS_20	IAMS_20	23 16 06.2	
RCBR	Riachuelo	132.27	267	P	PKPpdf	22 22 49.6	+0.4
LA0A	Anasosa	132.41	7	P	PKPpdf	22 22 47.5	-1.1
YLE	Yale	132.57	349	IAMS_20	IAMS_20	23 24 24.6	
KSCO	Kane Shedlock	132.63	20	P	PKPpdf	22 22 46.7	-2.6
ASMO	Ann Arbor	132.65	360	P	PKPpdf	22 22 49.3	+0.3
SDCO	Great Sand Dun	132.69	23	P	PKPpdf	22 22 49.8	+0.1
ERPA	Erie	132.70	356	P	PKPpdf	22 22 49.1	-0.1
WSPT	Westport, CT	132.78	349	IAMS_20	IAMS_20	23 24 21.5	
HSON	Hanson Quarry C	133.01	4	IAMS_20	IAMS_20	23 29 25.5	
PAL	Palisades	133.05	350	P	PKPpdf	22 22 50.1	+0.3
M53A	WB Miller and	133.42	357	P	PKPpdf	22 22 49.5	-1.1
T25A	Trinidad	133.65	23	P	PKPpdf	22 22 49.6	-1.8
CBKS	Cedar Bluff	133.73	17	P	PKPpdf	22 22 46.6	-4.7
CBKS	Cedar Bluff	133.73	17	P	PKPpdf	22 22 48.5	-2.8
214A	Organ Pipe Nat	133.83	35	P	PKPpdf	22 22 50.5	-1.1
SSPA	Standing Stone	133.98	354	P	PKPpdf	22 22 51.5	-0.2
HDIL	Hopedale	134.12	6	P	PKPpdf	22 22 51.2	-0.6
KSU1	Kansas State U	134.29	14	PKPpdf	PKPpdf	22 22 50.1	-2.2
P38A	Dawn	134.44	10	PKPpdf	PKPpdf	22 22 50.5	-2.0
P38A	Dawn	134.44	10	P	PKPpdf	22 22 52.0	-0.5
SFIN	Lafayette	134.47	3	P	PKPpdf	22 22 49.6	-2.9
053A	New Philadelphia	134.63	357	P	PKPpdf	22 22 51.0	-1.9
054A	Avella	134.65	356	P	PKPpdf	22 22 50.8	-2.1
054A	Avella	134.65	356	P	PKPpdf	22 22 50.8	-2.1
O48B	Farmland	134.67	1	P	PKPpdf	22 22 50.8	-2.1
O48B	Farmland	134.67	1	P	PKPpdf	22 22 51.1	-1.9
ANMO	Albuquerque	134.68	26	PKP	SKPbc	22 22 51.7	-1.7
ANMO	Albuquerque	134.68	26	SKPbc	SKPbc	22 26 24.3	+1.0
ANMO	Albuquerque	134.68	26	IAMS_20	IAMS_20	23 31 52.9	
ANMO	Albuquerque	134.68	26	P	PKPpdf	22 22 52.6	-0.8
TUCO	Albuquerque	134.68	26	P	PKPpdf	22 22 52.3	-1.1
TUCO	Tucson	134.69	33	P	PKPpdf	22 22 52.8	-0.6
ACSO	Alum Creek Sta	134.71	359	IAMS_20	IAMS_20	23 25 55.4	
ACSO	Alum Creek Sta	134.71	359	P	PKPpdf	22 22 51.8	-1.2
ACSO	Alum Creek Sta	134.71	359	P	PKPpdf	22 22 52.4	-0.6
P43A	Skaggs, Pawnee	135.00	6	P	PKPpdf	22 22 50.6	-3.0
MCWV	Mont Chateau	135.13	356	P	PKPpdf	22 22 54.4	+0.5
Y22D	IRIS PASCALL I	135.20	27	IAMS_20	IAMS_20	23 34 36.8	
P52A	Corning	135.28	358	P	PKPpdf	22 22 52.2	-1.9
Y22A	Socorro	135.28	28	P	PKIKP	22 22 56.4	+0.4
CMC01	Camacan, BA	135.33	254	P	PKPpdf	22 22 54.6	-0.1
P49A	Amari Univ. Ec	135.40	1	P	PKPpdf	22 22 51.6	-2.7
GU0A1	Guararapi, BA	135.41	252	P	PKPpdf	22 22 53.8	-1.1
ALF01	Guararapi-ES	135.46	246	P	PKPpdf	22 22 55.5	+0.6
CAN01	Guararapi, ES	135.49	250	P	PKIKP	22 22 57.1	+0.5
GMU0	Guandu, BA	135.59	256	P	PKIKP	22 22 57.9	+1.1
NAM01	Campos-RJ	135.98	244	P	PKIKP	22 22 57.1	-0.4
OLIL	Olney	136.03	5	P	PKPpdf	22 22 52.5	-3.0
OK032	Salt Plains WL	136.04	17	P	PKPpdf	22 22 52.6	-3.0
121A	Cookes Peak, D	136.05	30	P	PKPpdf	22 22 54.4	-1.6
SJMB	Sao Joao De Ma	136.31	248	P	PKPpdf	22 22 56.2	-0.3
CBN	Corbin Frederi	136.32	353	P	PKPpdf	22 22 55.8	-0.2
CCM	Cathedral Cave	136.34	8	P	PKPpdf	22 22 55.4	-0.7
339A	Bolivar	136.35	11	P	PKPpdf	22 22 56.3	+0.1
WCI	Wyandotte Cave	136.66	3	P	PKPpdf	22 22 56.8	+0.1
R50A	Paras	136.66	1	P	PKIKP	22 22 57.9	-0.6
R50A	Paras	136.66	1	P	PKIKP	22 22 57.9	-0.6
AMTX	Amarillo	136.67	22				

TERO comp=N,52um,0.4s AML AML
ATMI Monte Migliano 0.67 299 S Sb 22 12 39.0 +0.9

IDC 06 22:12:25.5-2.1, 11°13'N-60°70'W, h42km, 17km, mb3.4/3,
mbmp3.8/5, ML4.0/2, Error ellipse: s-maj=21.7km
s-min=10.8km az=123.0
NEIC 06 22:12:26.3-1.3, 11°08'N-07°60'78'W, h37km, 13km,
mb4.3/2, Error ellipse: s-maj=11.4km s-min=8.5km
az=224.0

TRN 06 22:12:26.4, 11°21'N-60°78'W, h38km, MD4.1
TRN Felt Tobago MMI IV and Trinidad MMI III.
ISC 06 22:12:25.7-0.7, 11°19'N-04°60'81'W, h35km, n80,
c2503/83, mb3.8/6, Windward Islands

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like MCR, TXAR, H10N3, etc.

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

ROM 06 22:14:13.0-0.1, 42°34'N-0°00'33.13°049E-0°00'4,
Ath 06 22:13:45.6, 41°09'N-23°99'E, h12km, 9km, ML0.7/1, Error
ellipse: s-maj=9.8km s-min=1.0km az=277.0,
Greece-Bulgaria border region

h4km, ML1.6/19, 6C-6D, Error ellipse: s-maj=0.3km
s-min=0.1km az=23.0, Central Italy

FEMA Monte Fema 0.02 3 Op P ISC
FEMA Preci, Frazion 0.06 202 P S Pg
T1216 1216 AML AML

FDMO Fiorimonte 0.10 17 P P Pg S
FDMO Fiorimonte 0.10 17 P P Pg S
FDMO Fiorimonte 0.10 17 P P Pg S

MC2 Monte Caccamo 0.11 108 P P Pg
T1219 Muccia, Frazio 0.11 344 P S Pg
T1219 1219 AML AML

CESI Cesi - Serrava 0.12 299 P P Pg S
CESI Cesi 0.12 299 P P Pg S
CESI Cesi 0.12 299 P P Pg S

T1245 Castelsantange 0.14 131 P P Pg S
T1245 1245 AML AML
T1245 1245 AML AML

CSP1 Cessapalomo 0.18 38 P P Pg S
CSP1 1245 AML AML
CSP1 1245 AML AML

T1215 Valle di Nera, MMOI 0.20 223 P P Pg S
T1215 Valle di Nera, MMOI 0.20 223 P P Pg S
T1215 Valle di Nera, MMOI 0.20 223 P P Pg S

T1218 Civita (PG) 0.28 170 P P Pg S
T1218 1218 AML AML
T1218 1218 AML AML

T1241 Roccafluvione, 0.29 108 P P Pg S
T1241 1241 AML AML
T1241 1241 AML AML

ATCC AVT-Casa 0.38 309 AML AML
ATCC 1241 AML AML
ATCC 1241 AML AML

TERO Teramo 0.52 128 AML AML
comp=N,76um,0.6s

TERO comp=N,76um,0.6s AML AML
SSFR comp=E,96um,0.2s 0.53 338 AML AML
SSFR comp=N,74um,0.2s AML AML

FRON Frontone 0.62 338 AML AML
FRON comp=N,37um,1.6s AML AML
FRON comp=E,25um,1.3s AML AML
FRON comp=N,37um,1.6s AML AML

DJA 06 22:18:0.0-0.8, 6°N-4°9'6"E, h10km, M4.9/7, MLV4.9/7
IDC 06 22:18:20.0-0.8, 5°21'N-96°33'E, h0km, mb4.1/8,
mbmp4.1/8, Error ellipse: s-maj=28.6km s-min=19.4km
az=52.0
NEIC 06 22:18:21.5-1.6, 5°23'N-0°08'-96°16'E, h10km, 1km,
mb4.2/15, Error ellipse: s-maj=12.7km s-min=6.5km
az=179.0

ISC 06 22:18:21.4-2.0, 5°24'N-0°04'-96°18'E, h9km, 13km,
n44, c132/46, mb4.2/14, Northern Sumatera

LHMI Lhok Sumawe 0.77 90 P S P
LHMI Lhok Sumawe 0.77 90 P S P
LHMI Lhok Sumawe 0.77 90 P S P

SONM Songino Array 43.34 10 P P
SONM Warramunga Arr 45.05 125 P P
SONM WBO 45.09 125 P P

WRA Warramunga Arr 45.09 125 P P
AS31 Alice Springs 46.68 130 P P
AS31 46.68 130 P P

ASAR Alice Springs 46.68 130 P P
ZALV Zalesovo Beam 49.44 351 P P
ZALV USRK 49.32 33 P P

STKA Stephens Creek 56.83 134 P P
STKA Stephens Creek 56.83 134 P P
STKA Stephens Creek 56.83 134 P P

BOSA Boshof 75.94 239 P P
FINES FINESS Array B 75.97 332 P P
FINES FINESS Array B 75.97 332 P P

TRN 06 22:24:25.4, 11°26'N-60°86'W, h41km, MD3.5, Windward
Islands

TPR Prospect 0.11 129 eP P
BOI Spelyside 0.32 82 eP P
TOSP Spelyside 0.32 82 eP P

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lake Benmore, MHEZ Manganaha, WRV Vera Road, etc.

ROM 06 22:25:41.0-0.1, 42.568N:0004:13.279E±0.004, h11km, ML2.3/5, 11C-5D, Error ellipse: s-maj=0.4km s-min=0.3km az=194.0, Central IZ

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pellescritta, RM33, SMA1, CAMP, T1247, etc.

IDC 06 22:27:34.3±1.9, 4.80N:95.59E, h0km, mb4.1/6, mbmp4.1/6, Error ellipse: s-maj=85.3km s-min=21.6km az=57.0

DJA 06 22:27:39.1±0.7, 5.31N:4.96E±, h10km, M4.6/9, MLV4.6/9

NEIC 06 22:27:39.4±1.2, 5.31N:0.08:96.18E±0.02, h10km, 1km, mb4.3/7, Error ellipse: s-maj=13.8km s-min=3.0km az=187.0

IDC 06 22:27:38.4±1.7, 5.32N:0.05:96.19E±0.06, h9km, 10km, n31, ±1916/35, mb4.3/9, Northern Sumatara

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Meulaboh, Aceh, KCSI Kotacane, Aceh, Sinabang, Aceh, etc.

IDC 06 22:31:24.7±10.0, 4.94N:95.89E, h0km, mb4.0/3, mbmp4.0/3, Error ellipse: s-maj=366.7km s-min=30.6km az=69.0

DJA 06 22:31:26.3±1.3, 6.8N:8.96E±, h16km, 10km, M4.3/6, MLV4.3/6

ISC 06 22:31:28.5±1.4, 5.29N:0.08:96.2E±0.1, h10km, n10, ±117/10, mb4.0/3, Northern Sumatara

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

BER 06 22:32:14.6±2.5, 80.17N:0.85W, h25km, 23km, ML2.0, ML3.0(VIA)01, Confirmed Earthquake

DNK 06 22:32:14.2±1.9, 80.17N:0.85W, h32km, 16km, ML2.1

IEPN 06 22:32:15.0, 80.06N:0.18W, h10km

ISC 06 22:32:09.2±2.9, 80.10N:0.05:0.64W±0.04, h13km, 21km, n27, ±2575/54, 1D, North of Svalbard

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBS Kingsbay, NOR Nord, BRBB Barentsburg B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DBG Daneborg, ZFI Zemlyya Franca, OMEGA Omega, etc.

IDC 06 22:34:06.8±2.2, 4.83N:95.61E, h0km, mb3.8/6, mbmp3.8/6, Error ellipse: s-maj=97.1km s-min=22.6km az=93.0

DJA 06 22:34:07.9±0.9, 6.7N:7.96E±, h10km, M4.3/9, mb4.0/2, MLV4.5/9

NEIC 06 22:34:11.1±2.1, 5.25N:0.08:96.19E±0.06, h10km, 2km, mb4.1/10, Error ellipse: s-maj=13.9km s-min=9.4km az=183.0

ISC 06 22:34:10.6±0.8, 5.26N:0.05:96.21E±0.07, h10km, n30, ±1504/29, mb3.8/9, Northern Sumatara

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

DJA 06 22:38:16.1±0.9, 5.5N:5.96E±, h14km, 5km, M4.5/10, mb4.7/2, MLV4.5/10

IDC 06 22:38:17.3±1.4, 4.93N:95.82E, h16km, 6km, mb3.9/8, mbmp4.0/8, Error ellipse: s-maj=54.1km s-min=16.6km az=56.0

NEIC 06 22:38:18.1±1.6, 5.29N:0.08:96.17E±0.08, h10km, 1km, mb4.3/14, Error ellipse: s-maj=15.7km s-min=12.3km az=317.0

ISC 06 22:38:17.9±0.5, 5.35N:0.05:96.18E±0.06, h10km, n41, ±138/45, mb4.1/14, Northern Sumatara

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

6d 23h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BBOO, KMBO, ANID, FINES, BOS, GERES, etc.

IDC 06 22:40:46.71.2, 4.94N, 95.82E, h0km, mb4.1/10, mblmp4.0/11, ML4.0/1, Error ellipse: s-maj=4.18km, s-min=21.2km az=57.0

NEIC 06 22:40:50.71.9, 5.37N, 0.07:96.17E:0.04, h10km, 1km, mb4.3/23, Error ellipse: s-maj=12.6km s-min=6.4km az=189.0

DJA 06 22:40:51.31.0, 9.5N, 5.9E, h10km, M4.8/10, mb4.8/3, MLV4.8/10

ISC 06 22:40:49.9.0.5, 5.35N, 0.04:96.16E:0.05, h10km, n7, t5, m7, mb4.2/18, Northern Sumatera

Main table of station data for Northern Sumatera, including stations like LHMI, MSLI, KCSI, SSSI, etc.

DJA 06 22:43:28.81.2, 5.16N, 9.6E, h18km, 8km, M4.0/6, MLV4.0/6

IDC 06 22:43:35.2.12.0, 5.43N, 97.50E, h0km, mb3.6/3, mblmp3.6/3, Error ellipse: s-maj=437.6km s-min=33.4km az=69.0

ISC 06 22:43:31.7.1.4, 4.95N, 0.08:96.33E:0.10, h10km, n7, t5, m7, mb3.7/3, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LHMI, MSLI, KCSI, SSSI, etc.

2016 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MSLI, KCSI, SSSI, etc.

DJA 06 22:52:13.91.3, 5.7N, 7.9E, h10km, M3.8/4, MLV3.8/4, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LHMI, MSLI, KCSI, SSSI, etc.

JMA 06 23:15:42.91.0, 35.4N, 0.2:133.8E:0.2, h10km, MV0.9/24, EASTERN TOLLIERI PREF, Western Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like JKR, JAD, JKM, JKS, etc.

JMA 06 23:17:18.7.0.1, 38.2N, 0.3:141.7E:0.6, h50km, MD3.8/39, MV4.2/39, E OFF MIYAGI PREF

ISC-EH 06 23:17:18.2.38.29N, 141.72E, h51km, 1km, Error ellipse: s-maj=6.0km s-min=4.7km az=107.10

NEIC 06 23:17:18.4.1.2, 38.25N, 0.0:141.68E:0.10, h56km, 8km, mb4.4/20, Error ellipse: s-maj=12.4km s-min=7.7km az=129.0

IDC 06 23:17:18.1.0.6, 38.23N, 141.66E, h46km, 3km, mb3.8/16, mblmp4.1/18, Error ellipse: s-maj=17.2km s-min=12.5km

ISC 06 23:17:19.0.5, 38.23N, 0.0:141.74E:0.06, h49km, 3km, n11, t13, 99/108, mb4.4/30, 15D, Near east coast of eastern Honshu

Main table of station data for Eastern Honshu, including stations like JIKH, JIKJ, JIKK, etc.

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Main table of station data for various regions, including stations like PZH, WMQ, ZAAO, ZALV, etc.

TRN 06 23:20:42.8.11.21, 21N, 60.83W, h30km, MD3.8

IDC 06 23:20:49.51.5, 1.55N, 61.14W, h89km, 33km, mb3.4/4, mblmp3.7/4, Error ellipse: s-maj=43.0km s-min=30.1km az=176.0

ISC 06 23:20:44.6.1.3, 11.23N, 0.03:60.86W:0.04, h33km, 3km, n2, t18, 15/58, mb3.9/4, Windward Islands

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like Saint Lucia, B, Guadeloupe/Mar, Morne Pois Mar, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like Birch Creek, Kanik River, Coal Creek Min, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like Belmont, Crater Summit, Gun Hill, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like Ascension HYDR99.86, Ascension HYDR99.87, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like Lhok Sumawe, Meulaboh, Aceh, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like La Plaine, Cottage Hill, Guadeloupe-3, etc.

ISC 06 23:21:48.9, 7.1, 9.37N, 125.98E, h0km, mb3.9/4, mbmp3.9/4, Error ellipse: s-maj=191.8km s-min=140.1km az=80.0

ISC 06 23:29:09.2, 1.6, 5.00N, 95.96E, h0km, mb3.7/7, mbmp3.7/8, Error ellipse: s-maj=66.1km s-min=19.2km az=21.0

ISC 06 23:39:12.1, 0.8, 5.21N, 0.05, 96.18E, h0km, n17, n17, n27, 417/45, mb3.8/4, 13C-8B, Mindanao

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like General Luna, Surigao, Butuan, Bislig, Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like Lhok Sumawe, Meulaboh, Aceh, Kotacane, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like La Plaine, Cottage Hill, Guadeloupe-3, etc.

ISC 06 23:29:26.9, 1.0, 67.19N, 0.02, 143.07W, 0.03, n17km, 1.1km, n19, n1903/32, Northern Alaska

ISC 06 23:46:49.1, 1.9, 4.81N, 95.54E, h0km, mb3.9/6, mbmp3.9/6, Error ellipse: s-maj=84.0km s-min=22.7km az=56.0

ISC 06 23:46:53.9, 0.8, 5.34N, 0.06, 96.26E, h0km, n15, n15, n17, 417/45, mb3.8/4, 13C-8B, Mindanao

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like Porcupine River, Sheenjek River, Doyon Strip, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like Lhok Sumawe, Meulaboh, Aceh, Kotacane, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s, ISC. Includes stations like La Plaine, Cottage Hill, Guadeloupe-3, etc.

ISC 06 23:48:52.0, 1.3, 11.19N, 60.66W, h47km, 18km, mb3.5/3, s-min=16.3km az=92.0

ISC 06 23:48:52.0, 1.3, 11.19N, 60.66W, h47km, 18km, mb3.5/3, s-min=16.3km az=92.0

ISC 06 23:53:18.8, 4.2, 4.64N, 96.20E, h0km, mb3.4/4, mbmp3.4/4, Error ellipse: s-maj=167.0km s-min=27.0km az=2.0

7d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H08S1 Diego Garcia H, MKAR Makanchi Array, SONM Songino Array, WRA Warramunga Arr, ASAR Alice Springs.

IDC 07 00:05:29.8, 1.3, 32.31N, 92.34E, h0km, mb3.8/6, mbtmp3.8/8, ML3.5/2, MS4.6/1, Error ellipse: s-maj=54.2km s-min=18.9km az=63.0

ISC 07 00:05:31.6, 1.0, 32.31N, 0.08, 92.4E, 0.1, h10km, n16, s=17/17, mb4.0/5, Xizang

Main table for 7d 0h section, listing various seismic stations and their parameters.

IDC 07 00:07:56.2, 2.5, 2.35S, 136.96E, h0km, mb3.3/3, mbtmp3.3/4, ML2.8/1, Error ellipse: s-maj=108.9km s-min=28.5km az=77.0, Irian Jaya region

Main table for 7d 0h section, listing various seismic stations and their parameters.

IDC 07 00:23:43.7, 1.1, 5.1N, 6.9E, h10km, M3.7/7, MLV3.7/7, Northern Sumatra

Main table for 7d 0h section, listing various seismic stations and their parameters.

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Main table for 2016 DEC section, listing various seismic stations and their parameters.

DJA 07 00:30:38.5, 1.0, 10.3S, 12.5E, h19km, 9km, M4.5/6, mb5.0/1, MB5.4/2, MLV4.2/6, Mw(MB)4.8/2

IDC 07 00:30:39.4, 5.4, 9.61S, 125.28E, h59km, 67km, mb3.5/3, mbtmp3.9/5, ML4.3/2, Error ellipse: s-maj=63.4km s-min=20.1km az=11.0

ISC 07 00:30:37.6, 0.9, 9.61S, 0.09, 125.36E, 0.08, h35km, n12, s=19/17, mb3.9/3, Timor region

Main table for 2016 DEC section, listing various seismic stations and their parameters.

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Main table for 394 section, listing various seismic stations and their parameters.

MAN 07 00:46:26.8, 10.51N, 125.70E, h33km, mb4.1, ML2.8, MS2.5, 2C-2D, Leyte

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
MSLP	Maasin	0.91	246i	eP	Pn	00 46 43.4	+0.1
BESP	Borongan	1.11	346j	eP	Pn	00 46.5	+0.4
BESP	Borongan	0.47	200j	eS	Pn	00 47 00.0	+0.1
CGP	Cagayan de Oro	2.27	206j	eP	Pb	00 47 08.3	+1.2
JYAK	JYAK	0.0	47.31	+2.5	Sn	00 47 31.4	+2.5
BIPH	Bislig	2.40	164j	iP	Pn	00 47 03.4	-0.4

IDC 07 00:47:51.7, 16.0, 20.13S, 177.64W, h538km, 52km, mb3.4/4, mbtmp4.2/5, Error ellipse: s-maj=307.8km s-min=109.1km az=77.0, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
MSVF	Nonsavu	4.73	300	P	P	00 49 18.5	-0.2
CTA	CharTERS Tower	33.87	264	P	P	00 53 50.4	+0.4
STKA	Stephens Creek	38.26	244	P	P	00 54 25.9	-0.2
ASAR	Alice Springs	44.94	256	P	P	00 55 18.9	-0.2
WRA	Warramunga Arr	44.99	256	P	P	00 55 18.9	-0.6

TRN 07 00:50:35.9, 11.18N, 60.90W, h37km, MD3.6, Windward Islands

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
TPR	Prospect	0.12	86	eP	Pn	00 50 43.6	-4.8
TPR	Bacoete	0.18	94	eS	Pn	00 50 48.8	-12
TOS	Speyside	0.38	72	eP	Pn	00 50 43.7	+1.1
TOS	Brigand Hill	0.71	193	eP	Pn	00 50 52.7	+1.3
TOS	Brigand Hill	0.50	51.1	+1.6	Pn	00 50 51.2	+1.6
TOS	Trinidad (W)	0.72	223	eP	Pn	00 50 52.9	+2.6
TRN	Pointe-a-Pierr	1.01	212	eP	Pn	00 50 55.1	+1.5
GRGR	Grenville	1.20	322	eP	Pn	00 50 57.5	+1.2
GRGR	Grenville	0.51	12.9	+1.7	Pn	00 51 00.2	+1.1
GRGR	Grenada, Carri	1.40	339	eP	Pn	00 51 00.2	+1.3
GRGR	Grenada, Carri	0.51	17.2	+1.1	Pn	00 51 10.6	+1.9
GRGR	Belmont	2.11	351	eP	Pn	00 51 36.0	+2.3
GRGR	Belmont	0.51	11.6	+2.2	Pn	00 51 36.4	+1.4
GRGR	Moule a Chique	2.52	359	eP	Pn	00 51 45.1	+1.7
GRGR	Belford	2.64	357	eP	Pn	00 51 48.1	+1.4
GRGR	SLB	2.83	359	eP	Pn	00 51 20.2	+1.6
GRGR	SLB	0.51	52.2	+0.9	Pn	00 51 26.2	+1.9
GRGR	Morne Pois Mar	3.25	1	eP	Pn	00 51 27.6	+2.2
GRGR	Bigot	3.32	357	eP	Pn	00 52 04.0	+0.3
GRGR	Morne Lapointe	3.38	359	eP	Pn	00 51 28.4	+2.3
GRGR	Grand Be	3.61	356	eP	Pn	00 51 31.5	+1.9
GRGR	Morne Balai	3.62	356	eP	Pn	00 52 03.0	+2.2
GRGR	CBE	4.91	352	eP	Pn	00 52 03.0	+2.2
GRGR	Bethesda, Anti	5.89	352	eP	Pn	00 52 03.0	+2.2

IDC 07 00:59:35.2, 2.0, 2.10N, 126.13E, h0km, mb3.6/4, mbtmp3.6/4, MS2.1/1, Error ellipse: s-maj=177.9km s-min=26.5km az=64.0, Northern Molucca Sea

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
FITZ	Fitzroy Crossi	20.08	181	LR	LR	01 12 56.6	
WRA	Warramunga Arr	23.34	160	P	P	01 04 45.2	-0.2
ASAR	Alice Springs	26.71	164	P	P	01 05 16.4	-0.1
STKA	Stephens Creek	36.85	158	P	P	01 06 45.4	+0.1
MKAR	Makanchi Array	58.55	326	P	P	01 09 33.7	0.0

IDC 07 01:15:29.8, 14.0, 5.34N, 96.11E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=502.3km s-min=35.1km az=69.0

DJA 07 01:15:29.2, 0.9, 5.7N, 96.1E, h10km, M4.1/8, mb4.0/1, mb5.3/1, MLV4.1/8, Mw(MB)4.7/1

ISC 07 01:15:31.1, 1.4, 5.34N, 0.03, 96.15E, 0.09, h10km, n12, s=150/12, mb3.3, Northern Sumatara

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
LHMI	Lhok Sumawe	0.80	97	P	Pg	01 15 46.2	-0.4
LHMI	Meulaboh, Aceh	1.09	166	S	Sg	01 15 57.5	+0.4
LHMI	Kotacane, Aceh	2.42	138	P	Sb	01 16 09.8	+2.2
LHMI	Sinabang, Aceh	2.91	176	P	Pn	01 16 17.2	-0.3
LHMI	Tuntungan	4.25	160	P	Pn	01 16 18.4	-0.6
LHMI	Gunungsitoli	4.25	160	P	Pn	01 16 35.6	+0.3
H0S2	Diego Garcia H	26.89	242	T	T	01 48 14.1	
H0S3	Diego Garcia H	26.89	242	T	T	01 48 37.6	
H0S1	Diego Garcia H	26.91	242	T	T	01 48 26.1	
SONM	Songino Array	43.25	10	P	P	01 23 32.9	+0.4
WRA	Warramunga Arr	45.18	125	P	P	01 23 48.9	+0.4
ASAR	Alice Springs	46.77	130	P	P	01 24 01.5	+0.4

IDC 07 01:29:07.1, 8.7, 26.12N, 129.22E, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=244.7km s-min=135.0km az=20.0

JMA 07 01:29:17.6, 0.3, 28.1N, 12.9E, h21km, 4km, MV3.4/20, NEAR AMAMI-OSHIMA ISLAND

JMA Felt J1 at NEAR AMAMI-OSHIMA ISLAND, ISC 07 01:29:16.1, 1.5, 27.57N, 0.03, 129.20E, 0.04, h8km, 11km, n21, s=150/32, mb3.3, Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
JTK	Tokunoshima	0.31	315	eP	Pn	01 29 23.0	-0.4
JTK	Okinoerabujima	0.59	250	eP	Pb	01 29 26.9	+0.4
JTK	Amaminishikomi	0.67	358	eP	Pb	01 29 28.2	-0.5
JTK	JAMN	0.85	231	eP	Pb	01 29 29.3	-0.9
JTK	JYRO	0.82	231	eP	Pb	01 29 30.0	-1.7
JTK	JYRO	0.82	231	eP	Pb	01 29 33.0	-0.2
JTK	JAM	0.95	231	eP	Pb	01 29 37.5	+0.3
JTK	JAM	1.01	42	eP	Pb	01 29 46.2	-0.5
JTK	Kikaishima	1.01	42	eP	Pb	01 29 38.0	+1.3
JTK	Kunigami	1.10	228	eP	Pb	01 29 52.4	+1.3
JTK	Iheya	1.22	244	eP	Pg	01 29 37.5	+0.3
JTK	Takarajima	1.58	0	eP	Pb	01 29 44.1	-0.4
JTK	Aguni-jima	2.00	241	eP	Pb	01 29 04.6	-1.2
JTK	Aguni-jima	2.00	241	eP	Pb	01 29 50.9	+0.7
JTK	Aguni-jima	0.31	315	eP	Pn	01 30 15.1	-0.2

JNN	Nakanoshima	2.34	15	eP	Pn	01 29 55.4	+0.4
JNN	Nakanoshima	2.34	15	eP	Pn <td>01 30 23.5</td> <td>-0.5</td>	01 30 23.5	-0.5
JKDJ	Kitadaitoujima	2.48	130	eP	Pn <td>01 29 57.0</td> <td>+0.3</td>	01 29 57.0	+0.3
JKDJ	Kume jima 2	2.48	241	eP	Pn <td>01 30 25.8</td> <td>-1.4</td>	01 30 25.8	-1.4
JKDJ	Kume jima 2	2.48	241	eP	Pn <td>01 29 57.0</td> <td>+0.2</td>	01 29 57.0	+0.2
JMZ	Minamidaito 2	2.51	133	eP	Pn <td>01 30 26.6</td> <td>-1.5</td>	01 30 26.6	-1.5
JMZ	Minamidaito 2	2.51	133	eP	Pn <td>01 29 57.4</td> <td>+0.1</td>	01 29 57.4	+0.1
JYAK	Yakushimahirau	2.90	23	eP	Pn <td>01 30 26.6</td> <td>-1.5</td>	01 30 26.6	-1.5
JYAK	Yakushimahirau	2.90	23	eP	Pn <td>01 30 30.8</td> <td>+1.2</td>	01 30 30.8	+1.2
JYAK	Yakushimahirau	2.90	23	eP	Pn <td>01 30 37.4</td> <td>-0.3</td>	01 30 37.4	-0.3
SONM	Songino Array	26.93	325	P	P	01 35 01.0	+3.0

H11N2	WAKE ISLAND Hy 35.30	94	T	T	02 13 33.4		
H11N1	WAKE ISLAND Hy 35.30 <td>95</td> <td>T</td> <td>T</td> <td>02 13 33.3</td> <td></td>	95	T	T	02 13 33.3		
H11N3	WAKE ISLAND Hy 35.31	94	T	T	02 13 36.0		
MKAR	Makanchi Array	41.31	311	P	P	01 37 02.1	0.0
FINES	FINESS Array B	72.13	331	P	P	01 40 40.8	-0.1

IDC 07 01:33:04.6, 2.0, 2.43S, 139.20E, h0km, mb3.8/3, mbtmp4.2/5, ML4.4/2, Error ellipse: s-maj=60.5km s-min=18.2km az=89.0, Near north coast of Irian Jaya

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
BATI	Baumata	17.26	243	P	Pn	01 37 07.4	+0.2
WRA	Warramunga Arr	18.05	195	P	Pn	01 37 16.7	-0.3
WRA	Warramunga Arr	17.26	243	P	Pn	01 40 30.9	-8.2
ASAR	Alice Springs	21.73	193	P	P	01 37 57.7	0.0
ASAR	Alice Springs	1.00	0.5	baz=25, slow=10, SNR=16	S	01 41 59.8	+0.7
STKA	Stephens Creek	29.38	176	P	P	01 39 10.3	+0.7
H11S3	WAKE ISLAND Hy 34.12	51	T	T	02 15 28.5		
H11S2	WAKE ISLAND Hy 34.13	51	T	T	02 15 28.5		
H11S1	WAKE ISLAND Hy 34.14	51	T	T	02 15 29.9		
MKAR	Makanchi Array	69.86	322	P	P	01 44 17.3	-0.1

RSNC 07 01:48:40.1, 1.1, 6.82N, 73.14W, h144km, 4km, ML3.2, Mw3.8

ISC 07 01:48:38.1, 1.3, 6.81N, 0.03, 73.09W, 0.04, h155km, 8km, n32, s=164/62, 2C-3P, Northern Colombia

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
BARC	Barichara	0.24	203	eP	Pn	01 48 59.7	+0.4
BARC	Barichara	0.24	203	eP	Pn	01 49 15.7	+1.2
PAMC	Pampiona, Colo	0.65	37j	iP	Pn	01 49 02.5	+1.1
PAMC	Pampiona, Colo	0.65	37j	iP	Pn	01 49 12.5	+0.1
BRRC	Barranca, Sant	0.68	295j	iP	Pn	01 49 01.5	+0.6
BRRC	Barranca, Sant	0.68	295j	iP	Pn	01 49 18.1	-0.3
RUSC	La Rusia	0.91	180j	iP	Pn	01 49 03.6	+0.4
RUSC	La Rusia	0.91	180j	iP	Pn	01 49 21.7	-0.6
TAMC	Tame, Arauca	1.34	106j	iP	Pn	01 49 08.0	+1.6
TAMC	Tame, Arauca	1.34	106j	iP	Pn	01 49 29.1	+0.9
PTBC	PUERTO BERRIO,	1.38	259	eP	Pn	01 49 06.4	-0.4
PTBC	PUERTO BERRIO,	1.38	259	eP	Pn	01 49 30.2	+1.4
ZARC	Zaragoza, Cau	1.88	291	eP	Pn	01 49 12.4	+0.3
ZARC	Zaragoza, Cau	1.88	291	eP	Pn	01 49 38.3	+0.1
NORC	Norcasia	2.16	235	eP	Pn	01 49 16.1	+0.7
NORC	Norcasia	2.16	235	eP	Pn	01 49 43.6	-0.6
CHIC	Chingaza	2.26	196	eP	Pn	01 49 18.1	+1.1
CHIC	Chingaza	2.26	196	eP	Pn	01 49 47.9	+1.0
ROSC	El Rosal	2.31	212	eP	Pn	01 49 19.6	+2.0
ROSC	El Rosal	2.31	212	eP	Pn	01 49 42.2	+1.3
UREC	San Jos de Ur	2.60	291	eP	Pn	01 49 20.9	+0.3
UREC	San Jos de Ur	2.60	291	eP	Pn	01 49 52.0	-1.5
LLIC	La Loma 1 Cana	2.75	350	eP	Pn	01 49 24.9	+2.4
GUYC	Guyana, Caldas	2.76	235	eS	Pn	01 49 59.7	+2.8
GUYC	Guyana, Caldas	2.76	235	eS	Pn	01 49 56.6	+1.9
PTGC	Puerto Gaitan,	2.77	160	eP	Pn	01 49 22.8	+0.1
PTGC	Puerto Gaitan,	2.77	160				

7d 2h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SONGM Songoing Array, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

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Table with columns: ANMO Albuquerque, LPAZ La Paz, and various station codes with their respective parameters. Includes stations like GENI Genyem, FAKI Fak Fak, MTN Manton Dam, etc.

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Table with columns: ZARC Zaragoza, Caus, and various station codes with their respective parameters. Includes stations like TREB Trebinje, CEME Cevo, WRA Warramunga Arr, etc.

Table with columns: Surr, Station Name, Time, Res, etc. Includes entries for Surr, Cerknica, Gura Zlata, etc.

NEIC 07 02:12:25.6:0.6, 18°67'N:0°5:145°E:0.3, h207km, 11km, mb4.1/12, Error ellipse: s-maj=36.3km s-min=7.4km az=89.0

IDC 07 02:12:27.8:4.0, 18°68'N:145°62'E, h228km, 81km, mb3.2/10, mbtmp3.7/10, Error ellipse: s-maj=30.7km s-min=15.1km az=87.0

ISC 07 02:12:24.4:0.7, 18°70'N:145°50'E:0.2, h200km, n27, 0°652/28, mb3.8/16, Mariana Islands

Main table for Mariana Islands region with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

IDC 07 02:41:36.1±1.9, 0.84N:126°35'E, h0km, mb3.8/3, mbtmp3.8/3, MS2.6/1, Error ellipse: s-maj=175.2km s-min=23.7km az=65.0, Northern Molucca Sea

Table for Northern Molucca Sea region with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

TRN 07 02:43:11.1, 11°20'N:60°75'W, h48km, MD3.6, 1D, Windward Islands

Main table for Windward Islands region with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

ATH 07 02:56:19.3, 38°46'N:23°39'E, h25km, 6km, ML0.9/1, Error ellipse: s-maj=6.3km s-min=1.4km az=219.0, Greece

Table for Greece region with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table for Greece region with columns: LKR, Station Name, Az, Phase ID, Time, Res, etc.

ATH 07 02:56:30.9, 38°69'N:21°27'E, h46km, 7km, ML1.6/1, Error ellipse: s-maj=8.6km s-min=1.7km az=347.0, Greece

Main table for Greece region with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

DJA 07 03:04:45.8:1.0, 6°N:7°9'6"E, h10km, M4.4/7, mb4.5/1, mb4.9/1, MLW4.4/7, Mw(MB)4.2/1

IDC 07 03:04:46.8:3.5, 5°17'N:95°86'E, h0km, mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=143.5km s-min=22.1km az=62.0

ISC 07 03:04:49.5:0.9, 5°26'N:0°06:96°12'E:0.08, h10km, n15, 0°811/13, mb3.9/7, Northern Sumatera

Main table for Northern Sumatera region with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

IDC 07 03:08:24.4:1.1, 22°70'N:144°06'E, h0km, mb3.8/5, mbtmp3.8/5, Error ellipse: s-maj=53.5km s-min=24.1km az=79.0

ISC 07 03:08:31.2±1.2, 22°70'N:144°20'E:0.4, h53km, n7, 0°662/7, mb3.7/5, Volcano Islands region

Main table for Volcano Islands region with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

NOU 07 03:13:22.2, 37°30'S:179°71'W, h0km, MLV3.8/7, East of North Island, N.Z.

WEL 07 03:13:27.2±1.3, 37°S:15°18'0"E, h12km, M3.4/19, URZ ML3.6/13, MLV3.4/19, Error ellipse: s-maj=10.0km s-min=0.0km az=169.8, confirmed

ISC 07 03:13:26.4:4.4, 37°30'S:0°09:180°E:0.1, h12km, 19km, n31, 0°655/37, Off east coast of North Island

Main table for North Island region with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

SOME 07 03:24:20.0, 39°33'N:73°53'E, h5km, KRNET 07 03:24:23.8:0.1, 39°40'N:73°68'E, mb2.9 ISU 07 03:24:29.2, 39°56'N:73°46'E, h5km

n20, 0°159/37, 15C-1D, Tajikistan-Xinjiang border region

Main table for Tajikistan-Xinjiang border region with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

NEIC 07 03:38:10.8:1.9, 11°07'N:0°06:60°74'W:0.05, h50km, 6km, mb4.5/13, Error ellipse: s-maj=9.7km s-min=6.6km az=201.0

TRN 07 03:38:11.3, 11°22'N:60°83'W, h40km, MD4.4, IDC 07 03:38:11.4±2.3, 11°29'N:61°13'W, h42km, 20km, mb3.9/17, mbtmp4.1/17, MS3.2/12, Error ellipse: s-maj=16.9km s-min=12.7km az=95.0

VAO 07 03:38:18.0±0.5, 10°17'N:60°47'W, h10km, mb4.3, ISC 07 03:38:11.2±0.6, 11°21'N:0°03:60°81'W:0.04, h44km, 6km, n156, 0°156/163, mb4.3/25, MS3.8/8, 1D, Windward Islands

Main table for Windward Islands region with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table of astronomical observations for 7d 4h, listing stations like CBE, HD5N1, H05N1, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2016 DEC, listing stations like PMSA, ILAR, ARCES, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 398, listing stations like ASAR, WRA, TAOE, etc., with columns for station name, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Phase, Op, ID, Time, Res, h, m, s, I, S, C. Includes stations like TRP Prospect, TOSP Speyside, TBH Brigand Hill, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ID, Time, Res, h, m, s, I, S, C. Includes stations like FLOC Florencia, NPGS Novo Progresso, SLOR San Lorenzo, etc.

Table with columns: Code, Station Name, Az, Phase, Op, ID, Time, Res, h, m, s, I, S, C. Includes stations like JLU Jordanelle, CWU Camp Williams, WTU Western Tarr, etc.

UUSS 07 04:29:59.1 ± 1.4, 41.93N, 013:11:34W, 0.05, h6km, 7km, ML3/013, ML2/8, az=99.0

NEIC 07 04:29:59.5 ± 1.2, 41.91N, 011:12:35W, 0.03, h6km, 7km, Error ellipse: s-maj=2.8km s-min=1.9km az=65.0, Utah

IDC 07 04:41.1 1.1 3.2, 21.35S, 066:77W, h177km, 22km, mb2.7/1, mbTnp=3.85, Error ellipse: s-maj=29.4km s-min=21.5km

NEIC 07 04:41.12 9.1 5.2, 23.48S, 007:67.0W, 0.1, h223km, 11km, mb4.3/8, Error ellipse: s-maj=15.2km s-min=9.1km

GUC 07 04:41.14 ± 0.5, 23.34S, 67.28W, h254km, 11km, ML4.0 VAO 07 04:41.16 8.0 5.2, 23.16S, 66.72W, h245km, mb3.9

ISC 07 04:41.12 ± 0.5, 23.47S, 004:66.89W, 0.06, h200km, n103, t159/115, mb4.3/4, Jujuy Province

Table with columns: Code, Station Name, Az, Phase, Op, ID, Time, Res, h, m, s, I, S, C. Includes stations like AF01 San Pedro de A, AF01 Lima Verde, etc.

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, I, S, C. Includes stations like WEL, TCW, PLWZ, CAW, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, I, S, C. Includes stations like YSS, YV, TYV, ERM, etc.

NOU 07:04:53:15.7, 41:85S:174:47E, h12km, MLv4.1/11, Cook Strait, New Zealand
WEL 07:04:53:16.2, 0.3, 42:3, 32:3, 17:4E, h7km, 3km, M3, 7/36, M4, 0/22, MLv3, 7/36, Error ellipse: s-maj=0.0km
s-min=0.0km az=150.0, confirmed
ISC 07:04:53:15.6, 1.0, 41:79S:03:174:39E, 0:03, h13km, 8km, h87, r:18/89, Cook Strait

Table with columns: PLID, Pearl Lake, 58.48, 56, P, P, 05 32 55.5 +0.7, 05 32 56.5. Includes stations like Bozeman (W), Kaisererville, Mina Array Bea, etc.

Table with columns: KBA, 1.1nm,0.1s,SNR=8.9, Sn, Sn, 05 29 44.1 +0.3. Includes stations like Koelnbreinsper, DAVA, DAVA, etc.

Table with columns: EARA, 17nm,0.2s, / Vmb_Lg, 05 45 03.0. Includes stations like Aranguren, Chisagues Biel, Chisagues Biel, etc.

VIE 07 05:28:54.0, 4.0, 2.48, 20N: 11:81E, h6km, mb2.0/1.4, m2/6/6, Error ellipse: s-maj=1.7km s-min=1.1km az=145.0 17 km ENE of Munich

BGR 07 05:28:54.9, 0.2, 4.8, 21N: 11:81E, h5km, ML2.3/9.9, Error ellipse: s-maj=2.2km s-min=2.2km az=128.0

LDG 07 05:28:55.9, 0.1, 4.8, 21N: 11:74E, h5km, M2.5/6, Error ellipse: s-maj=3.3km s-min=2.4km az=132.0

PRU 07 05:28:55.6, 0.0, 4.8, 25N: 11:86E, h0km, ISC 07 05:28:53.7, 0.7, 4.8, 21N: 02:11:76E, h0km, m79, a095/131, Germany

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

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

NNC 07 05:38:02.9, 4.9, 5.34N, 86.76E, h0km, mb3.7, mpv3.4, 4C-4D, Error ellipse: s-maj=52.0km s-min=37.7km az=142.0, Suspected Mining explosion, Southwestern Siberia

STR 07 05:44:46.4, 0.5, 4.3, N5.5, h5km, MLV2.2/9, Error ellipse: s-maj=0.0km s-min=0.0km az=27.3, preliminary LDG 07 05:44:46.3, 0.1, 4.3, 19N: 1:11W, h2km, mb.2/2, M2.5/2, Error ellipse: s-maj=1.5km s-min=1.3km az=121.0

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

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

JMA 07 05:48:39.5, 0.5, 34, N1:14, 142E, h27km, 1km, MV3.3/27, FAR SE OFF BOBO PEN

IDC 07 05:48:40.1, 2.2, 34, 31N: 141:50E, h0km, mb3.5/2, mb13p/3.3, ML3.1/1, MS2.9/1, Error ellipse: s-maj=38.6km s-min=24.6km az=75.0

ISC 07 05:48:42.4, 1.4, 34, 44N: 0:05:141:54E, 0:09, h27km, m20, a139/24, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az, Phase ID, Time Res, h m s ISC. Includes stations like BSO1, BSO3, BSO4, etc.

7d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KTHR Kythira, MHLO Agia Marina, AKASG Malin Array, etc.

NOU 07 06:17:45.1, 37.26S; 179.59W, h0km, MLv3.9/7, East of North Island, N.Z.
WEL 07 06:17:51.2, 1.1, 37.5, 11'18"0E, h12km, M3.7/32, ML4.0/23, MLv3.7/32, Error ellipse: s-maj=0.0km s-min=0.0km az=172.1, confirmed
ISC 07 06:17:50.0, 3.2, 37.32S, 0.09, 180.0W, 0.2, h10km, n50, a076/54, East of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WMGZ Waionatani S, MXZ Matakaoa Point, PKGZ Pakihoro, etc.

WEL 07 06:39:35.5, 42'S, 15'17.4E, 2.6, h27km, 46km, M2.7/5, ML2.9/7, MLv2.7/5, Error ellipse: s-maj=0.0km s-min=0.0km az=67.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KHZ Kahutara, THZ Topouse, etc.

WEL 07 06:40:07.6, 41'S, 5'17.5E, h61km, 11km, M2.1/15, ML2.5/19, MLv2.1/15, Error ellipse: s-maj=0.0km s-min=0.0km az=112.7, Cook Strait

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KIW Kapiti Island, CAW Cannon Point, etc.

LDG 07 06:47:16.9, 0.1, 43.14N, 14.70E, h77km, M3.7/24, Error ellipse: s-maj=2.4km s-min=1.1km az=56.0
PDG 07 06:47:17.6, 0.5, 43.17N, 14.73E, h33km, 2km, ML3.5/13, Error ellipse: s-maj=0.4km s-min=0.6km az=0.0

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ROM 07 06:47:18.0, 0.0, 43.172N, 0.002, 14.777E, 0.001, h38km, ML3.3/93, Error ellipse: s-maj=0.2km s-min=0.1km az=182.0
PRU 07 06:47:19.9, 0.0, 43.21N, 14.36E, h46km
IDC 07 06:47:24.6, 2.8, 43.58N, 14.63E, h72km, 53km, mb3.5/1, mbmp3.7/6, ML3.1/5, MS2.6/3, Error ellipse: s-maj=31.9km s-min=18.5km az=84.0
STR 07 06:48:02.8, 7.4, 45.1N, 34.1'E, 5.3, h10km, MLv3.4/7, preliminary
ISC 07 06:47:17.9, 1.9, 0.1, 43.18N, 0.003, 14.81E, 0.003, h75km, 8km, n305, a163/363, 4C-15.10

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CADA Capodorco di F, TRTR Tortoreto Alta, CIMA Civitanova Mar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CAMP, T1245 Castelsantano, T1245, etc.

7d 7h

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Table with columns: ACER, ACERENZA, 2.59 157, P, Pn, 06 47 57.0 -0.7, etc. Lists various astronomical objects and their properties.

Table with columns: SOKA, Soboth, 3.51 5, ePn, Pn, 06 48 10.6 +0.4, etc. Lists various astronomical objects and their properties.

Table with columns: DAVA, Damuels, 5.29 323, ePn, Pn, 06 48 37.2 +2.6, etc. Lists various astronomical objects and their properties.

IDC 07:07:00:49.3:5.5:37:21N:71.16E, h71km,36km,mb3.9/1, mtimp3.87,ML3.3/6,MS2.8/1, Error ellipse: s-maj=76.6km s-min=24.9km,ba=14.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists astronomical observations with codes and station names.

Table with columns: STK, 9h, 158, P, P, 08 43 16.3 +0.3, etc. Includes stations like STK TengChong, KSRs Korea Arr, HTT Hallett, etc.

Table with columns: ZALV, Zalesovo Beam, 62.81 334 P, P, 08 46 40.6 -1.0, etc. Includes stations like ZALV Zalesovo Beam, BTLS Baital, KURBS Kurchatov Arr, etc.

Table with columns: WRA, Warramunga Arr, 77.66 106 P, P, 09 03 14.7 +0.2, etc. Includes stations like WRA Warramunga Arr, CPUP Villa Florida, TXAR Lajitas Array, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CHKK, ZHN, CEP, KURS, UZB, etc.

Station information for IDC 07 11:20:48.8z, 1.9:43S-117:85E, h0km, mb3.3/2, mbmp3.1/4, ML3.0/2, Error ellipse: s-maj=240.9km, s-min=25.4km, az=50.0

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

Station information for WEL 07 11:30:00, 42:36S-173:46E, h14km, ML4.8, Mw4.4, Moment Tensor Solution, s10 Moment tensor: Scale 10^15Nm, Mw=3.92, Ms=3.92, Mo=0.92, Mw=2.79, Ms=2.72, Fault plane solution: M5.50000-10^15 NP1: 0.148,00000, 0.65,00000, -1.13,00000, NP2: 0.243,00000, 0.78,00000, -1.15,00000, Principal axes: T -679.2600, Plg9.0000, Azm1.3300, Azm2.6100, Plg6.0000, Azm266.0000, P 256.6500, Plg26.0000, Azm108.0000

s-maj=7.3km s-min=3.5km az=132.0, Moment Tensor Solution, Moment tensor: Scale 10^15Nm, Mw=5.1, Ms=3.41, Mw=3.92, Mo=0.92, Mw=2.79, Ms=2.72, Fault plane solution: M5.50000-10^15 NP1: 0.246,11000, 0.73,65000, -1.16,90000, NP2: 0.151,19000, 0.73,69000, -1.17,05000, Principal axes: T 4.3493, Plg0.0000, Azm189.0000, N 1.7581, Plg67.0000, Azm289.0000, P -6.1073, Plg23.0000, Azm109.0000, NOU 07 11:30:22.2, 42:53S-173:66E, h11km, ML4.9/16, South Island, New Zealand

ISC 07 11:30:23.1-0.7, 42:46S-173:55E, h0.03, h17km, 4km, mb4.9, 1913/229, mb4.2/11, MS3.7/26, South Island

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KHZ, GWZ, BSWZ, THZ, CMWZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NMHZ, MRHZ, MTHZ, WHHZ, etc.

Table with columns: ORZ, PAWZ, KIW, MTW, etc. Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Quartz Range, Paruwai Farm, Kapiti Island, etc.

NOU 07 12:31:30.8, 42.44S: 173.98E, h12km, MLv3.67, South Island, New Zealand

WEL 07 12:31:32.6, 42.42S: 173.47E, h13km, 3km, M3.1/28, ML3.5/13, MLv3.1/28, Error ellipse: s-maj=0.0km s-min=0.0km az=124.3, confirmed

ISC 07 12:31:30.5-1.0, 42.230S: 0.04-173.86E, h10km, n69, s120/72, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kahutara, Blackbirch Sta, Cape Campbell, Tuamarina, etc.

MKAZ Moulmakai 5.28 11 P Pn 12 32 50.8 +1.4
ETAZ East Tamaki Re 5.40 9 P Pn 12 32 53.1 +2.0

BUL 07 12:32:00.4-1.2, 23.98S: 28.93E, h4km, 13km, MD3.2
EAF 07 12:32:02.0-0.7, 24.10S: 28.86E, h0km, 8km, MD3.2

PRE 07 12:32:01.5-4.9, 23.90S: 28.81E, h10km, ML1.7, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Musina, Limpop, Mopani, etc.

NOU 07 12:35:20.3, 17.61S: 178.57W, h560km, mb4.0/11, Fiji Islands Region

ISC-EH 07 12:35:20.8, 17.72S: 178.75W, h557km, 3km, Error ellipse: s-maj=9.6km s-min=6.4km az=150.0

IDD 07 12:35:20.3-1.4, 17.65S: 178.86W, h550km, 14km, mb3.0/6, mbmp4.1/9, Error ellipse: s-maj=70.8km s-min=13.6km az=152.0

NEIC 07 12:35:22.1-1.8, 17.8S: 0.2-178.8W: 0.1, h562km, 12km, mb4.2/22, Error ellipse: s-maj=23.7km s-min=17.9km az=191.0

ISC 07 12:35:20.1-0.6, 17.7S: 0.1-178.71W: 0.10, h550km, n51, s124/51, mb4.1/19, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Tubou, Lakemba, Tave, etc.

ISC 07 12:45:28.4, 37.54N: 26.82E, h13km, ML2.3/10, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Gzelcam!, Bodrum, Kos Island, etc.

ISK 07 12:43:38.1, 37.67N: 38.69E, h11km, ML2.2/6, DDA 07 12:43:41.6-0.0, 37.13N: 38.80E, h7km, 5km, ML2.2, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Urfa, Bozova, Gaziantep, etc.

IDD 07 12:45:00.5-1.2, 41.14S: 44.07E, h0km, mb4.0/6, mbmp4.0/6, MS3.3/13, Error ellipse: s-maj=48.7km s-min=28.1km az=143.0

ISC 07 12:45:02.4-1.4, 41.2S: 0.3-44.2E: 0.3, h10km, n21, s128/77, mb4.0/6, MS3.3/12, Crozet Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Boshof, Sutherland, Lobatse, etc.

ISC 07 12:45:28.4, 37.54N: 26.82E, h13km, ML2.3/10, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Gzelcam!, Bodrum, Kos Island, etc.

DDA 07 12:46:07.2-0.0, 38.84N: 27.90E, h7km, 1km, ML1.5, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like zmir-Bergama, Dursunbey, etc.

VAO 07 13:00:34.9-0.7, 21.44S: 68.81W, h92km, mb4.3, IDC 07 13:00:38.2-1.0, 21.83S: 67.94W, h93km, 16km, mb4.3/1, mbmp4.1/5, MS2.3/1, Error ellipse: s-maj=38.6km s-min=14.5km az=124.0

NEIC 07 13:00:38.4-1.8, 21.68S: 0.05-68.38W: 0.09, h12km, 9km, mb4.0/7, ML3.9/GUC, Error ellipse: s-maj=12.8km s-min=7.0km az=93.0

ISC 07 13:00:38.0-0.7, 21.69S: 68.58W, h124km, 3km, ML3.9, n89, s147/19, mb4.1/4, 13C-2D, Chile-Bolivia border region

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DMN Daman, KLR Kuldur, OUZ Omahuta, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MAKZ Makanchi, SATY Saty, ZHN Zhinishke, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MSEY Mahe Island, MHTO MHTO, DQM DQM, etc.

7d 14h

Table with columns: KIV, comp, Z, 13nm, 1.0s, pmax, pmax, MLR, MLR, GURO, Guroy 22k, BTLL, 89.37 308 P, P, 13 55 31.8 +1.4, PRGR, Permogore, 89.43 332 eP, pmax, pmax, 13 55 27.5 -2.4, COLA, College, 89.93 251 eP, pmax, pmax, 13 55 32.2 0.0, MARD, Mardin, 90.27 307 P, P, 13 55 34.9 +0.3, ILAR, Eielson Array, 90.33 25 P, P, 13 55 32.8 -1.3, ILAR, comp=Z, 1.1nm, 19.1s, baz=264, slow=33, 14 32 47.1, TAOE, Nuku Hiva Isla, 90.57 99 eLR, LR, 14 24 34.6, KIBK, Kibwezi, 90.63 268 P, P, 13 55 38.2 +1.4, SOC, Sochi, 91.43 313 eP, P, 13 55 44.1 +4.4, SOC, ePPP, PPP, 14 01 19.4, SOC, eSS, SSS, 14 12 43.4 +0.9, SOC, eSSS, SSS, 14 16 14.2, KMBO, Kilima Mbogo, 91.49 269 P, P, 13 55 40.6 -0.3, KMBO, comp=Z, 4.2nm, 0.9s, baz=64, slow=5.0, SNR=8.7, 14 34 07.1, KMBO, Kilima Mbogo, 91.49 269 P, P, 13 55 41.0 +0.1, KMBO, comp=Z, 1.4nm, 1.1s, IAMB, IAMB, 13 55 51.6, KMBO, Kilima Mbogo, 91.49 269 P, P, 13 55 41.9 +1.0, KMBO, Kilima Mbogo, 91.49 269 P, P, 13 55 41.5 +0.6, KMBO, Kilima Mbogo, 91.49 269 iP, P, 13 55 42.2 +1.3, ELMAR, Burnt Mountain, 91.51 23 P, P, 13 55 41.0 +1.4, BLIB, Princess Eilat, 91.85 197 dP, P, 13 55 41.8 +0.5, VSR, Storozhevoje, 92.14 321 eP, P, 13 55 42.9 +0.1, KLMR, Klimovskoe, 92.31 331 eP, P, 13 55 40.8 -2.6, KLMR, comp=Z, 4.3nm, 2.2s, AMP, AMP, 13 55 44.4, KLMR, Klimovskoe, 92.31 331 eP, pP, 13 55 51.5 -5.2, KLMR, Klimovskoe, 92.31 331 eP, pP, 13 55 40.7 -2.6, KLMR, comp=Z, 4.0nm, 0.6s, ePPP, pmax, 13 55 51.4 -5.2, ANN, Anapa, 93.12 315 eP, P, 13 55 44.3 -3.1, ANN, ePPP, pP, 13 55 55.5 -5.2, ANN, eS, SKSAC, 14 01 28.4, ANN, eSSS, SSS, 14 06 15.1 -3.0, ANN, pmax, 14 16 46.6, DAWY, Dawson, 93.54 26 P, P, 13 55 49.2 +0.2, OBN, Obninsk, 93.78 325 eP, P, 13 55 49.5 -0.7, OBN, pmax, pmax, 13 59 35.8, OBN, comp=Z, 4.9nm, 2.2s, MLR, MLR, 14 45 13.4, MMAI, Mount Meron Ar, 94.51 303 LR, LR, 14 45 13.4, SIM, Simferopol, 95.48 315 eP, P, 13 56 06.8 +8.5, INK, Inuvik, 95.68 22 P, P, 13 55 58.4 -0.2, INK, Inuvik, 95.68 22 P, P, 13 55 58.2 -0.5, INK, Inuvik, 95.68 22 P, P, 13 55 58.2 -0.5, NVL, Nizarevskaya, 95.73 197 eP, P, 13 55 48.3 -1.1, BR131, Keskin Array S, 95.92 309 eP, P, 13 56 00.4 -0.2, BRTR, Keskin Array B, 95.92 309 P, P, 13 55 59.5 -1.2, BRTR, comp=Z, 2.9nm, 1.0s, baz=136, slow=9.4, SNR=7.7, PP, PP, 13 59 56.4 +3.1, BRTR, comp=Z, 0.4nm, 0.4s, baz=168, slow=8.2, SNR=4.7, LR, LR, 14 46 35.7, BRTR, comp=Z, 3.2nm, 2.1s, baz=99, slow=10.0, comp=Z, 2.9nm, 1.0s, 13 55 59.5 -1.2, ARCES, ARCES Array B, 97.51 340 P, P, 13 56 06.5 -0.5, TROLL, Troll, Antarti, 97.64 195 Pdiff, P, 13 56 07.7 -0.1, A36M, Sachs Harbour, 97.82 18 IAMB, IAMB, 13 56 23.1, MBAR, Mbarara, 98.02 269 LR, LR, 14 37 40.3, FINES, FINES Array B, 98.77 332 P, P, 13 56 11.0 -1.7, FINES, FINES Array B, 98.77 332 iP, Pdiff, 13 56 12.8 +0.1, MNK, Minsk, 98.83 325 iP, P, 13 56 10.5 -2.7, MNK, comp=Z, 1.6nm, 0.6s, baz=83, iP, P, 13 56 10.5 -2.7, MNK, iPPP, PP, 14 00 12.2 -2.7, MNK, iSS, SKSAC, 14 02 14.3, MNK, iSS, SSS, 14 06 45.9 -2.0, MNK, iSSS, SSS, 14 18 14.1, MNK, iLO, LO, 14 34 55.1, MNK, iLR, LR, 14 38 51.8, MNK, iLRM, MLR, 14 43 54.4, MNK, comp=E, 1.4nm, 12.9s, iLRM, MLR, 14 43 57.9, MNK, comp=Z, 1.00nm, 15.4s, iLRM, MLR, 14 44 00.8, MNK, comp=N, 202nm, 16.1s, iP, P, 13 56 10.5 -2.7, MNK, iS, SKSAC, 14 00 12.2, MNK, iSS, SSS, 14 06 45.8 -2.0, MNK, iSSS, SSS, 14 14 24.6 -2.3, MNK, pmax, pmax, 14 18 15.4, MNK, comp=Z, 1.6nm, 0.6s, pmax, pmax, 13 56 09.4 -6.4, MNK, comp=E, 1.4nm, 13.0s, MLR, MLR, 14 43 57.9, MNK, comp=Z, 1.00nm, 15.0s, MLR, MLR, 14 44 00.8, C36M, Paulatuk, 98.87 20 P, P, 13 56 12.8 -0.2, C36M, IAMB, IAMB, 13 56 36.5, SNA, Sanae, 99.17 194 Pdiff, Pdiff, 13 56 14.2 -0.3, SNA, Sanae, 99.17 194 LR, LR, 14 42 57.8, SNA, Sanae, 99.17 194 iP, Pdiff, 13 56 14.6 +0.1, SNA, pmax, 14 42 57.8, LSZ, Lusaka, 99.41 254 LR, LR, 14 37 31.2, NACGM, Naroch, 99.42 325 eP, Pdiff, 13 56 09.4 -6.4, BOA, Boshof, 100.39 240 P, Pdiff, 13 56 20.1 -0.8, TESR, Tescani, 100.59 317 iP, Pdiff, 13 56 21.4 +0.2, VNA2, Neumayer-Watz, 100.76 193 Pdiff, Pdiff, 13 56 21.2 -0.3, VNA3, Neumayer Olymp, 101.04 193 Pdiff, Pdiff, 13 56 20.6 -2.1, MLR, Muntele Rosu, 101.20 316 iP, Pdiff, 13 56 24.0 -0.1, BURAR, Bucovina, 101.42 318 iP, Pdiff, 13 56 25.9 +0.9

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Table with columns: VOIR, 101.83 316 iP, P, 13 56 26.4 -0.5, MTUR, Matau, 101.85 315 iP, P, 13 56 26.3 -0.7, NOA, NORSAR Array B, 105.76 333 Pdiff, Pdiff, 13 56 42.6 -1.3, GERES, GRESS Array B, 108.65 321 PKPKP, PKIKP, 14 01 02.8 +0.5, NVAR, Mina Array Bae, 109.76 50 Pdiff, Pdiff, 13 57 07.9 +5.4, PDAR, Pinedale Array, 114.95 44 PKP, PKP, 14 01 15.2 +0.4, PDAR, Great Sand Dun, 118.12 41 P, PKP, 14 11 51.0 -1.4, RSSD, Black Hills, 118.12 41 P, PKP, 14 01 20.8 0.0, ISCO, Idaho Springs, 118.79 46 P, PKIKP, 14 01 23.2 +0.9, 121A, Cookes Peak, D, 119.54 54 P, PKIKP, 14 01 25.4 +1.5, ANMO, Albuquerque, 119.63 48 P, PKIKP, 14 01 25.3 +1.3, SDCO, Sandeque, 119.86 51 P, PKIKP, 14 01 25.3 +0.9, MNTX, Cornudas Mount, 121.73 54 P, PKIKP, 14 01 28.3 +0.4, TX31, Lajitas Ar. Si, 123.86 56 P, PKP, 14 01 32.1 +0.1, TXAR, Lajitas Array, 123.86 56 PKP, PKIKP, 14 01 33.1 +0.8, TXAR, comp=Z, 1.6nm, 0.8s, baz=216, slow=1.5, SNR=21, PKP, PKP, 14 11 20.4 +1.3, ESDC, Sonseca Array, 123.86 317 PKP, PKP, 14 01 31.4 -0.3, WMOK, Wichita Mouna, 125.80 49 P, PKIKP, 14 01 36.4 +0.5, JCT, Junction City, 126.65 54 P, PKIKP, 14 01 38.3 +0.5, SCHO, Schefferville, 126.86 11 PKP, PKIKP, 14 01 37.8 +0.4, S39A, Bolivar, 128.41 43 P, PKIKP, 14 01 40.6 -0.3, R40A, Maddies Statio, 128.70 41 P, PKIKP, 14 01 41.7 +0.1, MIAR, Mount Ida, 129.72 46 P, PKIKP, 14 01 44.2 +0.4, PLCA, Pasa Flores, 132.95 160 PKP, PKP, 14 01 47.8 -1.2, KIC, Kosan Bko, 133.60 276 iP, PKIKP, 14 01 52.4 +0.3, DBIC, Dimbokoro, 133.70 276 PKP, PKP, 14 01 49.7 -1.3, TIC, Toumoudi, 133.87 276 iP, PKP, 14 01 51.1 -0.3, LIC, Lamto, 133.89 276 iP, PKIKP, 14 01 52.9 +0.2, CPUP, comp=Z, 2.7nm, 0.7s, baz=190, slow=1.6, SNR=8.5, PKP, PKP, 14 02 19.6 -0.2, CPUP, comp=Z, 1.5nm, 0.8s, baz=174, slow=4.4, SNR=4.7, PKP, PKP, 14 02 25.1 +0.2, LPAZ, La Paz, 154.50 139 PKP, PKP, 14 02 27.4 +0.1, LPAZ, comp=Z, 1.0nm, 0.3s, baz=253, slow=1.4, SNR=5.3, PKP, PKP, 14 02 35.5 -0.1, BDFB, Brasilia, 161.14 190 PKP, PKP, 14 03 17.3 -0.6, KRNET 07 13:45:30.3z:0.1, 39j:32N:74:16E, mb3.4, SOME 07 13:45:33.1, 39j:27N:74:00E, h15km, NNC 07 13:45:36.2z:2.3, 39j:44N:74:01E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=17.3km s-min=9.7km az=166.0, ISC 07 13:45:32.4z:2.0, 39j:37N:0:08:74:12E:0:04, h1km=12km, n29, r162/46, 16C-5D, Southern Xinjiang

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Table with columns: CHKK, 3.4nm, 0.5s, baz=164, slow=31, SNR=3.9, 4.97 25 eP, Pg, 13 47 07.9 +0.2, CHKK, 6.8nm, 0.3s, eS, Sg, 13 48 16.1 +4.1, CHKK, Chushulky, 4.97 25 Pg, Pg, 13 47 06.8 -0.8, CHKK, 6.2nm, 0.5s, Lg, Lg, 13 48 16.1, CHKK, 6.8nm, 0.3s, Lg, Lg, 13 48 16.1, PDGK, Podgomoye, 5.65 44 iP, Pg, 13 47 18.1 -2.7, PDGK, 2.3nm, 0.7s, iL, Lg, 13 48 32.5, IDC 07 14:04:51.5z:9.1, 8:45S:131:12E, h56km, 101km, mb3.1/1, mbtmp3.1/4, ML2.8/3, Error ellipse: s-maj=75.1km, s-min=48.5km az=27.0, Tanimbar Islands region, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC, FITZ, Fitzroy Crossi, 10.97 208 P, Pn, 14 07 25.8 0.0, FITZ, comp=Z, 3.1nm, 1.3s, SNR=8.8, S, S, 14 09 20.1 -6.9, WRA, 0.1nm, 0.5s, baz=58, slow=19, SNR=6.5, Pn, 14 07 37.6 -0.2, WRA, Warrungana Arr, 11.84 165 P, Pn, 14 09 48.5 +0.1, WRA, 0.2nm, 0.3s, baz=346, slow=12, SNR=15.5, S, S, 14 09 48.5 +0.1, ASAR, Alice Springs, 15.37 170 P, Pn, 14 08 25.9 +1.0, ASAR, 0.1nm, 0.3s, baz=0.7, slow=11, SNR=5.1, 0.4nm, 0.7s, P, P, 14 15 57.4 0.0, MKAR, Makanchi Array, 70.04 327 P, P, 14 15 57.4 0.0, IDC 07 14:21:55.4z:1.3, 33:64N:97:08E, h0km, mb3.6/6, mbtmp3.7/8, ML3.6/2, Error ellipse: s-maj=44.0km, s-min=20.0km az=52.0, ISC 07 14:21:57.2z:1.0, 33:77N:1:01:97:1E:0:2, h10km, n9, r150/49, mb3.7/6, Qinghai, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC, CMAR, Chiang Mai Arr, 15.30 173 Pn, P, 14 25 38.8 +0.6, SONM, Songino Array, 15.72 24 Pn, 14 25 38.4 -0.3, SONM, 0.4nm, 0.3s, baz=346, slow=11, SNR=13, 0.1nm, 0.3s, baz=207, slow=14, SNR=4.9, 1.5nm, 0.8s, Pn, 14 25 56.7 -1.1, MKAR, Makanchi Array, 17.23 324 P, Pn, 14 25 48.2 +0.2, KURBB, Kuruchatrov Arr, 21.68 327 P, P, 14 26 48.2 +0.2, ZALV, Zalesovo Beam, 22.00 340 P, P, 14 26 53.4 +2.0, ZALV, 0.3nm, 0.3s, baz=150, slow=12, SNR=10, 3.3nm, 0.9s, P, P, 14 27 23.5 +0.1, KSRS, Kora Array, 25.26 73 P, P, 14 27 23.5 +0.1, KSRS, 1.2nm, 0.7s, baz=278, slow=8.7, SNR=5.1, 1.2nm, 0.7s, P, P, 14 31 58.2 -0.1, NOA, NORSAR Array B, 59.21 326 P, P, 14 31 58.2 -0.1, NOA, 1.0nm, 0.8s, baz=77, slow=6.7, SNR=3.3, 1.0nm, 0.8s, P, P, 14 32 30.8 -0.8, WRA, Warrungana Arr, 64.10 141 P, P, 14 32 30.8 -0.8, ASAR, Alice Springs, 66.97 143 P, P, 14 32 50.1 -0.1, ASAR, 0.4nm, 0.8s, baz=326, slow=6.8, SNR=2.4, 0.4nm, 0.8s, ROM 07 14:23:11.2z:0.1, 43:036N:0:006E:13:062E:0:006, h9km, ML1.1/5, 3C-2D, Error ellipse: s-maj=0.6km, s-min=0.5km az=18.0, Central Italy, Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC, FDMO, Fiordimonte, 0.02 89 P, P, 14 23 12.9 0.0, FDMO, S, Sg, 14 23 13.6 -0.6, FDMO, AML, AML, T1219, Muccia, Frazio, 0.04 296 P, P, 14 23 13.5 +0.3, T1219, S, Sg, 14 23 14.7 +0.1, T1219, comp=E, 3.850um, 0.2s, AML, AML, T1219, comp=N, 3.750um, 1.3s, AML, AML, T1219, comp=E, 3.940um, 0.2s, AML, AML, T1219, comp=N, 3.595um, 1.3s, AML, AML, T1219, comp=N, 860um, 0.1s, AML, AML, T1219, comp=E, 641um, 0.1s, P, P, 14 23 14.8 +0.7, CESI, CESI - Serrava, 0.12 255 iP, P, 14 23 17.2 +1.1, CESI, S, Sg, AML, AML, CESI, comp=E, 1.60um, 0.8s, AML, AML, CESI, comp=N, 1.42um, 0.3s, AML, AML, CESI, comp=E, 1.935um, 0.2s, AML, AML, CESI, comp=N, 3.375um, 1.0s, AML, AML, CESI, comp=N, 1.11um, 0.2s, AML, AML, CSP1, CSP1, 0.12 62 P, P, 14 23 14.8 +0.6, CSP1, S, Sg, 14 23 17.2 +1.0, CSP1, comp=E, 201um, 1.3s, AML, AML, CSP1, comp=N, 1.49um, 0.3s, AML, AML, CSP1, comp=E, 1.41um, 0.1s, AML, AML, CSP1, comp=N, 1.19um, 0.1s, AML, AML, T1256, Bolognola (MC), 0.12 104 P, P, 14 23 14.7 +0.5, T1256, S, Sg, 14 23 16.9 +0.6, T1216, Preci, Frazion, 0.15 192 iP, P, 14 23 15.0 +0.5, T1216, S, Sg, 14 23 17.8 +1.0, T1216, comp=E, 6120um, 0.4s, AML, AML, MC2, Monte Cornacci, 0.15 143 P, P, 14 23 15.4 +0.6, MC2, S, Sg, 14 23 18.3 +1.1, T1245, Castelsantange, 0.20 153 P, P, 14 23 16.1 +0.6, T1245, S, Sg, 14 23 19.8 +1.4, T1245, comp=E, 1.28um, 1.2s, AML, AML, T1245, comp=N, 4.57um, 0.5s, AML, AML, T1245, comp=N, 1.590um, 1.5s, AML, AML, T1245, comp=E, 2.060um, 0.1s, AML, AML, T1245, comp=N, 1.655um, 1.5s, AML, AML, SNTG, Esanatoglia, 0.24 338 iP, P, 14 23 17.4 +1.4, SNTG, comp=E, 5.56um, 1.5s, AML, AML, SNTG, comp=N, 7.4um, 0.1s, AML, AML, SNTG, comp=E, 8.24um, 0.3s, AML, AML, SNTG, comp=N, 9.80um, 0.8s, AML, AML, SNTG, comp=E, 8.29um, 0.3s, AML, AML, SNTG, 13 47 57.3

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CMPO Campotto Po, HVAR Hvar, PZUN Poteni, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like RTZ Ruatuhuna, RAHZ Aarahi, PRHZ Porangahau, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LHMI Meulaboh, MSLI Meulaboh, MSLI Meulaboh, etc.

NOU 07 14:28:54.0, 39°21'S, 174°96'E, h193km, MLV3.6/8, North Island, New Zealand

WEL 07 14:28:58.0, 0.9, 39°S, 174°E, h140km, 6km, M3.0/70, ML2.4/9, MLV3.0/70, Error ellipse: s-maj=0.0km s-min=0.0km az=109.9, confirmed

ISC 07 14:28:53.5, 1.7, 39°16'S, 175°05'E, h177km, gkm, n105, s193/107, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like VRZ Vera Road, PKVZ Pokaka, TWVZ Taurewa, etc.

DJA 07 15:16:27.0, 0.5, 3°S, 5°E, h10km, 5km, M4.0/12, mb1.7/2, mb4.3/1, ML3.9/11, M3.8/44, Error ellipse: s-maj=15.0km s-min=17.7km az=92.0

ISC 07 15:16:28.4, 0.9, 3.06S, 0.06E, 128.91E, 0.07, h33km, n14, s165/116, Seram

MAN 07 15:48:48.9, 6.50N, 126°14'E, h1km, mb4.4, ML3.3, MS3.0, 3C-2D, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MATI Mati, DMPP Don Marcelino, SKMP Bagumbayan, etc.

ICD 07 15:51:16.6, 2.0, 39°19'N, 153°41'E, h0km, mb3.1/3, mbtmp3.1/4, ML2.7/1, MS3.4/1, Error ellipse: s-maj=27.4km s-min=18.1km az=39.0, Turkmenistan

ICD 07 16:05:37.8, 1.3, 4°86'N, 95°54'E, h0km, mb4.1/10, mbtmp4.1/11, ML3.9/11, MS3.8/44, Error ellipse: s-maj=45.0km s-min=17.4km az=55.0

DJA 07 16:05:42.9, 0.5, 5°N, 4°9'E, h10km, M4.7/12, mb4.7/7, mb5.3/2, MLV4.8/12, Mw(mb)4.72

ISC-EH 07 16:05:42.5, 5.16N, 96.06E, h15km, Error ellipse: s-maj=1.2km s-min=5.9km az=59.0

NEIC 07 16:05:42.5, 1.6, 5°N, 4°9'E, 15E, 0.05, h1.4km, 2km, mb4.5/28, Error ellipse: s-maj=9.6km s-min=7.5km az=178.0

ISC 07 16:05:41.8, 0.4, 5°17'N, 0°04'96.13E, 0.05, h10km, n112, s175/75, mb4.5/31, MS3.8/47, 2C-1D, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LHMI Lhok Sumawe, MSLI Lhok Sumawe, MSLI Lhok Sumawe, etc.

7d 18h

comp=Z,28nm,21.0s,baz=320,slow=38
comp=Z,1.8nm,0.7s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Includes stations like STIA Silita Lasithi, ZAKROS, ZKR Zakros, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Includes stations like GLSP General Luna, SCPH Surigao, BUTP Butuan, etc.

NOU 07 17:48:33.3, 42.53S, 173.61E, h10km, MLv4.2/15, South Island, New Zealand

WEL 07 17:48:35.0, 0.3, 42.2, S, 17.3E, h5km, M3.6/32, ML4.0/12, MLv3.6/32, Error ellipse: s-maj=0.0km

ISC 07 17:48:34.1, 1.42, 45S, 173.58E, h18km, 4km, n103, 1148/137, 0.3, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Includes stations like KHZ Kahutara, GVSZ Greta Valley S, etc.

2016 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Includes stations like PKE Pukeiti, ODZ Otahua Downs, etc.

NEIC 07 17:50:50.6, 1.6, 31.81N, 0.02, 116.12W, 0.01, h10km, 4km, Error ellipse: s-maj=2.8km s-min=1.8km az=183.0

MEX 07 17:50:51.9, 0.4, 31.80N, 116.13W, h5km, MD3.1

ECX 07 17:50:51.8, 0.7, 31.81N, 116.11W, h6km, 2km, MD2.9, ML3.1

PAS 07 17:50:51.3, 2.3, 31.799N, 0.008, 116.11W, 0.03, h1km, 3km, Error ellipse: s-maj=3.9km s-min=0.8km az=76.0

ISC 07 17:50:50.6, 0.9, 31.81N, 0.02, 116.12W, 0.02, h15km, 8km, n81, 10973/118, 4C-BD, Baja California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Includes stations like SJX San Joaquin, ESJX Sierra Juarez, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Includes stations like SDRG San Diego Road, SWSC Sam W. Stewart, etc.

SJA 07 18:16:29.5, 0.7, 22.1, 10S, 69.08W, h117km, 4km, ML4.2, MV3.9

NEIC 07 18:16:31.1, 1.7, 22.13S, 0.05, 69.14W, 0.04, h107km, 7km, Error ellipse: s-maj=8.0km s-min=4.3km az=210.0

GUC 07 18:16:31.2, 0.6, 22.09S, 69.02W, h107km, 3km, ML4.2

ISC 07 18:16:30.3, 0.6, 22.15S, 0.03, 69.06W, 0.04, h112km, 5km, n100, 1148/137, 0.3, Northern Chile

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

PATCX	comp=E,3um,0.5s	1.62 322	eP	Pn	18 16 59.0 +0.1
PATCX		18 17 17.6 -2.9	eS	Pn	18 17 26.5
PATCX	comp=Z,1um,0.3s		IAML		

TA01	Diego Aracena	1.85 326	Pn	Pn	18 17 01.7 +0.2
TA01	Diego Aracena	1.85 326f	eP	Sn	18 17 01.9 +0.4
TA01			eS	Sn	18 17 25.9 +0.6
TA01			IAML		18 17 30.5

TA01	Diego Aracena	1.85 326	eP	Pn	18 17 01.9 +0.4
TA01			eS	Sn	18 17 30.4 +5.1
PB10	IPOC Station P	1.95 224	Pn	Pn	18 17 03.5 +0.7
PB10	IPOC Station P	1.95 224	eP	Sn	18 17 02.9 +0.2
PB10			eS	Sn	18 17 26.5 -1.0
PB10			IAML		18 17 30.5

PB10	IPOC Station P	1.95 224	eP	Sn	18 17 04.0 +1.2
PB10			eS	Sn	18 17 27.1 -0.4
PB08	IPOC Station P	1.96 358	eP	Pn	18 17 04.1 +0.7
PB08	IPOC Station P	1.96 358	eS	Pn	18 17 04.2 +0.9
PB08			eS	Pn	18 17 25.9 +1.4
PB08			IAML		18 17 30.5

TA02	Huaiquique	2.08 332	eP	Pn	18 17 04.3 0.0
TA02	Huaiquique	2.08 332	eP	Pn	18 17 04.5 +0.2
TA02			eS	Pn	18 17 28.6 -1.8
TA02			eS	Pn	18 17 40.6 +0.2
TA02			eS	Pn	18 17 28.8 -1.8
TA02			IAML		18 17 29.0

PB11	IPOC Station P	2.40 347	Pn	Pn	18 17 08.9 +0.3
PB11	IPOC Station P	2.40 347	eP	Sn	18 17 08.9 +0.1
PB11			eS	Sn	18 17 38.6 +0.6
PB11			eS	Sn	18 17 09.0 +0.3
PB11			eS	Sn	18 17 37.9 -0.2
GO01	Chusmiza	2.43 358	Pn	Pn	18 17 10.1 +0.7
GO01	Chusmiza	2.43 358	eP	Pn	18 17 10.2 +0.7
GO01	Chusmiza	2.43 358	eP	Pn	18 17 10.0 +0.6
GO01			eS	Sn	18 17 41.4 +2.0
PSGC	Pisagua	2.68 339	Pn	Pn	18 17 11.6 -0.8
PSGC	Pisagua	2.68 339	Pn	Pn	18 17 11.5 -0.8
PSGC	Pisagua	2.68 339	eP	Pn	18 17 11.6 -0.7
PSGC			eS	Sn	18 17 38.0 -6.6
PSGC			IAML		18 17 40.2

MNMC	Minye Minye	3.00 351	eP	Pn	18 17 16.8 +0.1
MNMC	Minye Minye	3.00 351	eP	Sn	18 17 17.0 +0.3
MNMC			eS	Sn	18 17 35.6 -1.7
MNMC			IAML		18 18 18.2

GO02	Mina Guanaco	3.07 189	Pn	Pn	18 17 17.9 +0.2
GO02	Mina Guanaco	3.07 189	eP	Pn	18 17 17.8 +0.2
GO02	Mina Guanaco	3.07 189	eP	Sn	18 17 17.8 +0.2
GO02			eS	Pn	18 17 44.0 +3.0
YJYA	Yavi	3.31 92	eP	Pn	18 17 22.9 +2.0
HJA	Humahuaca	3.56 109	eP	Pn	18 17 26.4 +2.1
HJA			eP	Pn	18 17 27.0 +2.7
HJA			eS	Pn	18 17 53.4 -1.3
HJA			eS	Pn	18 17 24.6 -0.8
PB12	IPOC Station P	3.67 341	eP	Pn	18 17 24.6 -0.8
PB12	IPOC Station P	3.67 341	eP	Pn	18 18 24.9
PB12			IAML		

PB16	IPOC Station P	3.78 354	eP	Pn	18 17 28.4 +1.1
PB16	IPOC Station P	3.78 354	eP	Pn	18 17 28.8 +1.5
PB16			eS	Sn	18 17 35.6 -1.1
PB16			IAML		
AP01	Chacalluta	3.90 342	eP	Pn	18 17 27.0 -1.5
AP01			IAML		18 18 36.1

AC01	Pan de Azucar	4.25 199	Pn	Pn	18 17 32.0 -1.1
PB18	Visviri	4.51 355	Pn	Pn	18 17 33.1 -4.1
AC02	Maricunga	4.71 181	Pn	Pn	18 17 40.0 +0.3
ALOL	LOMAS DE OLMED	5.00 111	eP	Pn	18 17 43.7 +0.5
AC06	Mina Casimiro	5.35 192	Pn	Pn	18 17 46.8 -1.1
GO03	Copiap	5.56 191	Pn	Pn	18 17 49.3 -1.5
AC05	Transito	6.76 187	Pn	Pn	18 18 05.7 -1.7
CO01	Juntas del Tor	7.89 186	eP	Pn	18 18 17.5 -5.0
VILB	Vilñena	12.43 44	eP	Pn	18 19 15.0 -8.6
AQDB	Aquidauana	12.58 85	eP	P	18 19 33.4 +1.0
AMBA	Amambai (Brazi)	13.05 96	eP	P	18 19 38.6 +1.0
PP1B	Ponte de Pedra	14.09 74	eP	P	18 19 49.7 +0.4
UNIS	Unistalda (Bra	14.41 122	eP	P	18 19 43.2 +0.9
CRSM	Crisissimal (B	16.47 114	eP	P	18 19 56.1 +0.5
RODS	Rosario del Sul	19.41 126	eP	P	18 19 57.4 -0.9
TRCB	Terra Rica	15.22 96	eP	P	18 20 02.8 +0.9
PTGB	Pitanga	15.84 103	eP	P	18 20 10.1 +1.4
ALGR	Alto Alegre (B	15.95 118	eP	P	18 20 10.1 +0.2
ITAB	Concordia	16.23 112	eP	P	18 20 13.2 +0.4
CP5B	Cacapa Do Su	16.27 124	eP	P	18 20 13.8 +0.4
PCMB	Pacambu	16.55 92	eP	P	18 20 18.0 +1.4
ARAG	Araguainia, MT	17.53 72	eP	P	18 20 27.3 +0.2
ITRB	Iturama	17.66 86	eP	P	18 20 29.6 +0.6
TEPO	Teparcas-SC	18.13 114	eP	P	18 20 45.1 +0.3
BB19	Bebedouro	19.20 91	eP	P	18 20 45.0 +0.9
SNDB	Serra Nova Dou	19.75 62	eP	P	18 20 45.6 -6.0
RCLB	Rio Claro- Sao	19.95 95	eP	P	18 20 53.6 -0.1
IPMB	Ipameri, GO	20.03 62	eP	P	18 20 53.7 -0.9
PETO1	Itanhema-SP	20.16 100	eP	P	18 20 55.5 -0.5
VAO	Valinhos	20.45 97	eP	P	18 20 57.6 -0.9
PARB	Parabuna	21.67 98	eP	P	18 21 10.2 -2.1
JANB	Januaria	24.48 78	eP	P	18 21 32.7 -6.6
TXAR	Lajitas Array	61.04 325	P	P	18 26 34.3 +1.8
TX31	Lajitas Ar. Si	61.04 325	P	P	18 26 34.4 +1.9
TX31			IAMB	IAMB	18 26 53.0

SNA4	Sanae	61.76 161	P	P	18 26 38.4 +1.6
SNA4			IAMB	IAMB	18 26 50.8

DJA	07 18:22:03.1-0.8, 2.3S, 12.9E, h14km, 7km, M4, 0/15, mb4, 4/6, mB4.8/2, MLV3.8/15, Mw(mB)4.1/2, NEIC 07 18:22:05.8-2.5, 1.8S, 0.1-1.28, 40E-0.08, h83km, 8km, mb4, 1/5, Error ellipse: s-maj=22.5km s-min=9.0km az=202.0
ICC	07 18:22:09.4-0.4, 2.01S, 128.53E, h89km, 40km, mb3.5/3, mbmp3.8/5, MS2.4/1, Error ellipse: s-maj=35.7km s-min=14.8km az=70.0
ISC	07 18:22:03.4-0.8, 1.98S, 0.06E, 128.26E, 0.07, h34km, n33, s196/30, mb4.1/6, Halmahera

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
			Op	h m s	ISC

MSAI	Masohi	1.51 154	P	Pn	18 22 33.1 +2.2
LAMI	Labuha	1.53 330	P	Pn	18 22 28.1 -0.3
LAMI	Ambon	1.70 182	P	Pn	18 22 33.9 -0.2
NLAI	Namlea	1.71 223	P	Pn	18 22 31.8 +0.1
SANI	Sanari	2.27 268	P	Pn	18 22 46.2 -2.2
TNTI	Ternate	2.88 342	P	Pn	18 22 47.3 +0.5
TNTI	Ternate	2.88 342	P	Pn	18 22 47.9 +1.1
BNDI	Banadaira	3.01 147	P	Pn	18 22 53.2 -3.2
SJJI	Sorong	3.20 70	P	Pn	18 22 56.2 +1.3
SJJI			IAMB	IAMB	18 23 29.5 +1.2
SJJI			LR	LR	18 24 42.0

FAKI	Fak Fak	4.09 103	P	Pn	18 23 04.2 +0.6
FAKI	Fak Fak	4.09 103	P	Pn	18 23 04.6 +1.0
LWU1	Luwuk	5.57 280	Pn	Pn	18 23 23.4 -0.5
LWU1	Luwuk	5.57 280	P	Pn	18 23 23.7 -0.2
GTOI	Gorontalo	5.86 296	P	Pn	18 23 30.5 +2.6
APSI	Ampana	6.70 279	P	Pn	18 23 39.9 +0.5
MRSI	Mariisa	6.78 291	P	Pn	18 23 40.4 -0.1
TOLJ	Toilitoli	8.09 292	Pn	Pn	18 23 60.0 +1.5
BKSI	Bulukumba	8.78 248	P	Pn	18 24 12.1 +4.1
BSSI	Bau Bau, Buton	9.79 242	P	Pn	18 24 11.4 +3.3
KAPI	Kappang	9.02 250	P	Pn	18 24 16.3 +5.0
WRA	Warramunga Arr	18.82 162	P	P	18 26 21.0 +0.6
AS31	Alice Springs	22.24 166	P	P	18 26 57.9 +0.5
ASAR	Alice Springs	22.24 166	P	P	18 26 58.4 +0.9
ASAR			S	S	18 30 56.5 -3.9
ASAR			IAMB	IAMB	18 30 56.5 -3.9
ASAR			P	P	18 26 56.8 -0.7

SONM	Songino Array	53.16 342	P	P	18 31 19.1 +0.9
					0.7nm, 0.8s, baz=151, slow=8.5, SNR=5.7
					0.7nm, 0.8s

MK31	Makanchi Array	63.11 326	P	P	18 32 24.2 -3.5
MK31			IAMB	IAMB	18 32 29.1

MKAR	Makanchi Array	63.11 326	P	P	18 32 28.2 +0.5
ZAAO	Zalesovo Array	66.34 334	P	P	18 32 24.7 -3.0
ZAAO			IAMB	IAMB	18 32 44.0 -4.5
ZAAO			IAMB	IAMB	18 32 52.3

ZALV	Zalesovo Beam	66.34 334	P	P	18 32 43.1 -5.4
KURK	Kurchatov	67.36 328	P	P	18 32 55.0 -0.1
KURK			IAMB	IAMB	18 32 56.4

KKAR	Karatay Array	68.45 318	P	P	18 32 56.1 -6.1
KKAR	Karatay Array	68.45 318	P	P	18 32 56.0 -6.3
KKAR			IAMB	IAMB	18 33 32.9

DJA	07 18:33:59.8-0.9, 2.2N, 6.12E, h11km, 9km, M3.6/7, mb3.6/2, MLV3.6/7, IDC 07 18:34:03.2-5.2, 1.97N, 127.07E, h87km, 56km, mb3.4/4, mbmp3.5/6, ML3.0/2, Error ellipse: s-maj=71.8km s-min=21.5km az=72.0
ISC	07 18:34:01.1-1.1, 2.07N, 0.09, 127.1E, 0.1, h63km, n11, s196/11, mb3.7/4, Northern Molucca Sea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
			Op	h m s	ISC

TNTI	Ternate	1.32 167	P	Pn	18 34 23.9 +0.4
SGSI	Sangihe	2.23 316	P	Pn	18 34 36.7 +1.0
LBMI	Labuha	2.72 171	P	Pn	18 34 44.0 -1.4
SANI	Sanana	4.23 195	P	Pn	18 35 03.8 +0.6
SJJI	Sorong	5.11 125	P	Pn	18 35 16.4 +1.2
SJJI			IAMB	IAMB	18 35 16.4 +1.2

NLAI	Namlea	5.27 180	P	Pn	18 35 19.1 +1.7
FITZ	Fitzroy Crossi	20.09 184	P	P	18 38 29.6 -0.1
FITZ			IAMB	IAMB	18 38 29.6 -0.1
WRA	Warramunga Arr	23.01 162	P	P	18 38 59.4 -1.6
WRA			IAMB	IAMB	18 38 59.4 -1.6
ASAR	Alice Springs	26.43 166	P	P	18 39 30.8 -1.4
ASAR			IAMB	IAMB	18 39 30.8 -1.4

STKA	Stephens Creek	36.47 159	P	P	18 40 59.7 -0.5
STKA			IAMB	IAMB	18 40 59.7 -0.5
MKAR	Makanchi Array	59.11 326	P	P	18 43 55.2 0.0
MKAR			IAMB	IAMB	18 43 55.2 0.0

ICC	07 18:42:04.5-1.4, 2.08N, 116.76E, h0km, mb3.4/4, mbmp3.4/4, MS2.6/3, Error ellipse: s-maj=195.5km s-min=22.8km az=53.0
DJA	07 18:42:06.0-0.4, 2.3N, 3.71E, h10km, M4, 0/13, mb3.9/6, mb4.1/1, MLV4.0/13, Mw(mB)3.1/1, IDC 07 18:42:05.9-1.1, 1.9N, 0.1-1.16, 4E, 0.1, h10km, n14, s196/12, mb3.4/4, Borneo

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
			Op	h m s	ISC

BKB	Batikpapan	3.15 172	P	Pn	18 42 56.9 +1.3
MTKI	Muara Teweh, K	3.20 209	P	Pn	18 43 00.9 -2.0
MIPA	Mapaga	3.77 114	P	Pn	18 43 07.3 -0.5
APSI	Ampana	5.89 118	P	Pn	18 43 34.0 +0.7
LWU1	Sidrap Palu	6.69 150	P	Pn	18 43 44.9 +0.7
LWU1			IAMB	IAMB	18 43 44.9 +0.7
SJJI	Luwuk	6.96 115	P	Pn	18 43 48.3 +0.3
SJJI			IAMB	IAMB	18 43 48.3 +0.3
BNSI	Bone	7.23 150	P	Pn	18 43 53.3 +1.6
BNSI			IAMB	IAMB	18 43 53.3 +1.6
KAPI					

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H03N1 Juan Fernandez, ARCES ARCESS Array B, FINES FINESSE Array B.

NEIC 07 19:35:31.5e.0.7, 43.3N:0.1x147.7E:0.2, h10km, 2km, mb4.3/10, Error ellipse: s-maj=21.0km s-min=20.0km

MOS 07 19:35:35.4.1.0, 43.13N:147.48E, h56km, mb4.4/4, Error ellipse: s-maj=15.0km s-min=10.0km az=44.7

IDC 07 19:35:36.9.0.43, 13N:147.68E, h56km, 57km, mb3.8/7, mbmp4.0/8, ML3.3/1, Error ellipse: s-maj=100.7km

NIED 07 19:35:39.4.0.2, 43.3N:0.8:14.7E, h49km, 4km, MW4.2/3D, E OFF HOKKAIDO

SKHL 07 19:35:39.7.0.3, 10N:147.20E, h73km, 82km, mb4.5/2, ISC 07 19:35:38.0.1.6, 43.28N:0.07:147.29E:0.07, h50km, 13km, n68, e123/84, mb4.2/14, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, NMR Nemuro-Hokkai, YUK Yuzh-Kuril'sk.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKHN Kushiromanak, RUSJ Misakicho, JNSB Nemuroshibetsu.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, JTRK Abashiri-Toko, JAR Ashorobetsu.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JEM Erimo, JKA Kamikawa-asahi, JFR Urakawa-nobuka.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11N2 WAKE ISLAND Hy 28.68 139, H11N1 WAKE ISLAND Hy 28.69 139, H11N3 WAKE ISLAND Hy 28.70 139.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, MK31 Makanchi Array.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURK Kurchatov, KURK Kurchatov, ARCES ARCESS Array B.

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABKAR Akbulak array, ARCES ARCESS Array B, ARCES ARCESS Array B.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FINES FINESSE Array B, FINES FINESSE Array B, FINES FINESSE Array B.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKASO Malin Array B, AKASO Malin Array B, AKASO Malin Array B.

NEIC 07 20:08:33.9.1.5, 37.17N:0.04:141.39E:0.06, h4km, 3km, mb4.6/28, Mw3.8/15, Error ellipse: s-maj=7.9km

NIED 07 20:08:34.7.0.1, 37.14N:141.30E, h22km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

JMA 07 20:08:34.7.0.1, 37.17N:0.2:141.3E:0.6, h22km, MD4.3/37, MW4.2/37, E OFF FUKUSHIMA PREF

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11N2 WAKE ISLAND Hy 28.23 121, H11N1 WAKE ISLAND Hy 28.23 121, H11N3 WAKE ISLAND Hy 28.25 121.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11S1 WAKE ISLAND Hy 28.94 123, H11S3 WAKE ISLAND Hy 28.94 123, H11S2 WAKE ISLAND Hy 28.96 123.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like K20K Telida, A21K Barrow, KAPI Kappang.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I21K Tanana, I21K Tanana, I21K Tanana.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H23K Yukon River, H23K Yukon River, H23K Yukon River.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H24K Noodor Dome, H24K Noodor Dome, H24K Noodor Dome.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IL31 Ilorin, IL31 Ilorin, IL31 Ilorin.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BMAR Burt Mountain, AAK Ala-Archa, SCRK Sand Creek.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAGM Ragged Mountai, J26L Joseph Creek, BCAR Beaver Creek A.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I29M Ogilvie Camp, I29M Ogilvie Camp, I29M Ogilvie Camp.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BCPM Bancas Point, EPYK Eagle Plains, EPYK Eagle Plains.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHGR Chuyavarr, HLK Halekalea, A36M Sachs Harbour.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, ARCES ARCESS Array B.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FINES FINESSE Array B, FINES FINESSE Array B, FINES FINESSE Array B.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NB2 NORSAR Subarra, NB2 NORSAR Subarra, NB2 NORSAR Subarra.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKASO Malin Array B, AKASO Malin Array B, AKASO Malin Array B.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GERES GERESS Array B, GERES GERESS Array B, GERES GERESS Array B.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H03N2 Juan Fernandez, H03N3 Juan Fernandez, H03N1 Juan Fernandez.

IDC 07 20:10:36.9.1.0, 21.63N:143.08E, h299km, 9km, mb3.8/24, mbmp4.6/29, Error ellipse: s-maj=13.0km s-min=6.9km

NEIC 07 20:10:37.4.1.4, 21.64N:0.03:143.1E:0.1, h299km, 6km, mb4.3/10, Error ellipse: s-maj=17.2km s-min=3.9km

JMA 07 20:10:38.0.0.4, 22.14N:144.4E, h326km, MW4.9/18, MARIANA ISLANDS REGION

ISC-EH 07 20:10:38.0.0, 21.62N:143.12E, h310km, 3km, Error ellipse: s-maj=3.4km s-min=2.8km az=121.0

ISC 07 20:10:37.8.0.6, 21.67N:0.05:143.14E:0.08, h309km, 5km, mb4.1/80/209, mb4.3/78, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHH2 Haha-jima-NKT2, JHH2 Haha-jima-NKT2, JHH2 Haha-jima-NKT2.

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BS01 Boso I, BS01 Boso I, BS01 Boso I.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JOD2 Odawara 2, JOD2 Odawara 2, JOD2 Odawara 2.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other parameters. Includes stations like JTO, JOW, JMN, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other parameters. Includes stations like MAK2, KURK, KURK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other parameters. Includes stations like IMW, Indian Meadow, FWXY, etc.

7d 22h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Matsuhiro Arr, Baijaitau, Hu-ho-hao-te, etc.

IDC 07 21:14:28.8-2.9, 35.92N-137.11E, h241km, 40km, mb2.9/2, mbmp3.5/2, Error ellipse: s-maj=109.3km s-min=99.0km az=156.0

JMA 07 21:14:28.2-0.1, 36.1N-137.7E, h264km, MV2.5/13, NORTHERN GULF PREF

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

IDC 07 21:25:19.5-4.2, 57.99S-24.70W, h0km, mb4.1/1, mbmp4.1/1, M53.5/1, Error ellipse: s-maj=596.1km s-min=49.8km az=25.0

ISC 07 21:25:24.5-1.4, 57.05S-24.74W, h10km, n9, r103/8, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Neumayer-Stat, Neumayer Olymp, etc.

MDD 07 21:45:39.0-9.3, 36.86N-12.30W, h0km, Mb4.1/11, Mb, mb3.5/11, Error ellipse: s-maj=7.5km s-min=6.3km az=37.0

INMG 07 21:45:42.2-1.2, 36.69N-12.63W, h10km, ML2.5, Error ellipse: s-maj=5.2km s-min=3.8km az=82.0

ISC 07 21:45:38.6-3.2, 36.86N-12.30W, 0.1, h10km, n40, r183/77, 12C, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Vito Station, Vila Bisbo, Sao Teotonio, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Messejana, Castro Verde, Vaqueiros, etc.

IDC 07 21:45:53.6-1.7, 45.95N-106.96W, h0km, mbmp3.2/3, ML3.1/3, Error ellipse: s-maj=44.7km s-min=10.0km az=131.0

NEIC 07 21:45:54.8-1.9, 45.86N-106.70W, h0km, 2km, ML3.0/42, Error ellipse: s-maj=8.2km s-min=7.6km az=92.0

ISC 07 21:45:54.3-1.1, 45.90N-106.68W, 0.06, h0km, n32, r081/31, Montana

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LASA Array, Red Lodge, RLMT, etc.

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

WEL 07 21:52:57.5-0.3, 42.52S-177.4E, h12km, 3km, M3.4/29, ML3.5/17, MLv3.4/29, Error ellipse: s-maj=0.0km s-min=0.0km az=122.7, confirmed, Cook Strait

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Cape Campbell, Tuamarina, Tuay Channel, etc.

JMA 07 22:04:54.2-0.2, 38.4N-110.145E, h40km, MV3.5/24, FAR E OFF NORTH HONSHU, Off east coast of Honshu

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

PRE 07 22:05:12.0-3.9, 21.23S-33.97E, h10km, ML3.1 BUL 07 22:05:18.8-1.5, 21.61S-33.55E, h10km, MD4.5 IAF 07 22:05:19.0-0.9, 21.57S-33.54E, h10km, MD4.1 ESC 07 22:05:13.1-0.9, 21.24S-33.81E, 0.06, h10km, n43,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHIPN CHIPPING, MOPA Mopani, TETE Tete, etc.

NNC 07 22:05:22.6:6.3, 36:56N-69:90E, h145km, 88km, mb3.1, mpv3.8, Error ellipse: s-maj=58.8km s-min=41.5km az=175.0

ISC 07 22:05:23.6:3.3, 36:68N, 02:69.8E, 0.1, h150km, n11, az=175.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML Almayashu, KK31 Karatay Array, etc.

HVO 07 22:07:11.8:0.8, 19:39N, 0:06:155:24W, 0:04, h29km, 7km, ML2.5/12, ML2.5/52(NEIC), Error ellipse: s-maj=8.3km s-min=5.4km az=171.0

NEIC 07 22:07:10.2:1.0, 19:44N, 03:155:25W, 0:06, h34km, 11km, Error ellipse: s-maj=43.9km s-min=7.9km az=183.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PUH Pauahi, KKO Keanakako I, etc.

Table with columns: BYL, IAML, Time, Res. Includes stations like NPH North Pit, HATHI Halema'uma'u T, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KHU Kahuku, MLOA Mauna Loa Obse, etc.

ISC 07 22:21:25.8:0.7, 27:61N, 140:74E, h0km, mb4.0/1.4, mbmp3.9/14, MS3.1/1, Error ellipse: s-maj=23.1km s-min=15.6km az=66.0

JMA 07 22:21:31.6:0.1, 27:6N, 0:6:14'2E, h141km, 1km, MV3.6/22, NEAR CHICHIJIMA ISLAND

NEIC 07 22:21:33.5:1.0, 27:8N, 0:1:141:0E, 0.3, h74km, 11km, mb4.6/14, Error ellipse: s-maj=36.1km s-min=11.1km az=65.0

ISC 07 22:21:34.4:0.5, 27:66N, 0:08:141:25E, 0.10, h74km, n53, az=134/49, mb4.1/20, Bonin Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matushiro Arr, JMM Jimu, etc.

IDC 07 22:30:05.5:4.4, 30:00S x 179:15W, h0km, mb4.2/3, mbmp4.2/3, Error ellipse: s-maj=152.9km s-min=69.9km az=159.0

WEL 07 22:31:08.1:1.1, 32:5:7 x 18:0E, 1:4, h450km, 16km, M3.9/25, mb4.4/10, MLV4.5/25, MW(mb)3.5/10, Error ellipse: s-maj=0.0km s-min=0.0km az=108.9, confirmed

ISC 07 22:31:03.9:1.2, 32:0S, 0:1:179:9E, 0.2, h500km, n54, az=159/55, mb3.3/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, RIZ Raoul Island, etc.

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BOK, POO, LSA, ASUD, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ANN, ZAK, VSR, VORR, etc.

Table with columns for station call signs (e.g., MNK, MNR, MNL), frequencies, and other technical details. Includes stations like Voineasa-Covas, Muntele Rosu, and various DOPR and NACGM stations.

Table with columns for station call signs (e.g., DPC, SOP, KRUC), frequencies, and other technical details. Includes stations like Dobruska-Polom, Sopron, and various ARSA and HEH stations.

Table with columns for station call signs (e.g., BJO1, DOMB, TIXI), frequencies, and other technical details. Includes stations like Bjornoya, Dombas, and various SPB2 and SPITS stations.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like HATZ, WATZ, MCHZ, BKZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like FAKI, SOEI, BATI, MTN, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PB15, PB06, PB06, etc.

HEL 08 00:32:32.3, 67.79N-20.08E, h0km, ML1.7, Explosion

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KUA, KURAAVAARA, RATU, etc.

ASAR 08 00:32:32.5, 0.0, 67.82N-20.20E, h0km, ML2.2, Explosion, Sweden

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

ROM 08 01:33:41.6, 0.1, 43.606N, 0.0055-11.005E, 0.007, h10km, ML1.4/6, 5C-6D, Error ellipse: s-maj=0.5km

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

UPP 08 00:32:35.1, 0.0, 67.83N-20.20E, h0km, ML2.4, Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KUA, KURAAVAARA, RATU, etc.

ISC-EH 08 00:55:06.9, 0.07N-123.04E, h182km, 3km, Error ellipse: s-maj=8.5km, s-min=4.2km, az=65.0

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

ISC 08 00:55:07.1, 0.7, 0.05N-0.06E-123.05E-0.07, h184km, 6km, m8.0, r19.24/9.1, m8.3/26, Minahassa Peninsula, Sulawesi

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

Code	Station Name	Δ	AZ	Phase ID	Time	Res
comp=E,534 μ m,1.1s						
OFFI	comp=N,456 μ m,1.1s	AML	AML			
OFFI	comp=N,2710 μ m,0.5s	AML	AML			
OFFI	comp=N,2710 μ m,0.5s	AML	AML			
GIGS	comp=E,2500 μ m,0.7s	0.48 135	P	Pg	02 19 46.6	0.0
GIGS	comp=E,752 μ m,0.4s	AML	AML			
GIGS	comp=N,821 μ m,0.2s	AML	AML			
SNTG	Esanatoglia	0.48 345	P	Pg	02 19 46.9	+0.2
SNTG	comp=E,104 μ m,0.7s	AML	AML			
SNTG	comp=N,140 μ m,1.0s	AML	AML			
SNTG	comp=N,178 μ m,1.2s	AML	AML			
SNTG	comp=E,184 μ m,0.6s	AML	AML			
FIAM	Fiamignano	0.52 180	S	Sb	02 19 56.0	0.0
ATCC	AVT- Casa Cast	0.53 319	↑P	Pg	02 19 47.8	+0.3
ATCC	comp=E,269 μ m,0.2s	AML	AML			
ATCC	comp=N,17490 μ m,0.6s	AML	AML			
EL6	Elicito	0.54 359	↑P	Pg	02 19 48.0	+0.2
FOSV	Fossato di Vic	0.57 333	↑P	Pg	02 19 48.5	+0.2
FOSV	comp=E,68 μ m,1.0s	AML	AML			
FOSV	comp=N,87 μ m,0.9s	AML	AML			
FOSV	comp=N,146 μ m,1.0s	AML	AML			
FOSV	comp=N,180 μ m,0.5s	AML	AML			
TRTR	Tortoreto Alta	0.59 88	↑P	Pb	02 19 50.0	+0.4
TRTR	comp=N,2005 μ m,0.7s	AML	AML			
TRTR	comp=E,1660 μ m,0.6s	AML	AML			
CING	Cingoli	0.59 6	↑P	Pg	02 19 48.9	+0.2
CING	comp=E,132 μ m,0.7s	AML	AML			
CING	comp=N,130 μ m,0.2s	AML	AML			
CING	comp=E,213 μ m,0.3s	AML	AML			
CING	comp=N,251 μ m,0.8s	AML	AML			
FAGN	Fagnano	0.63 146	↑P	Pg	02 19 49.7	+0.3
FAGN	comp=E,3100 μ m,0.4s	AML	AML			
FAGN	comp=N,4485 μ m,0.3s	AML	AML			
FAGN	comp=E,3170 μ m,0.5s	AML	AML			
MURB	Monte Urbino	0.64 318	P	Pb	02 19 50.3	-0.2
MURB	comp=E,356 μ m,1.5s	AML	AML			
MURB	comp=N,372 μ m,1.5s	AML	AML			
MURB	comp=E,382 μ m,0.3s	AML	AML			
MURB	comp=N,341 μ m,0.9s	AML	AML			
MURB	comp=N,535 μ m,0.9s	AML	AML			
MURB	comp=N,602 μ m,1.6s	AML	AML			
VCCEL	Villa Celiera	0.67 126	↑P	Pg	02 19 50.5	+0.4
VCCEL	comp=N,3345 μ m,0.5s	AML	AML			
VCCEL	comp=E,2950 μ m,0.7s	AML	AML			
SSFR	Montelago di S	0.69 340	↑P	Pg	02 19 50.8	+0.1
SSFR	comp=E,299 μ m,0.2s	AML	AML			
SSFR	comp=N,308 μ m,0.2s	AML	AML			
SSFR	comp=N,241 μ m,0.3s	AML	AML			
SSFR	comp=N,346 μ m,0.7s	AML	AML			
PP3	Marolino	0.69 31	S	Sn	02 20 03.0	-0.8
ARVD	Arcevia	0.72 350	↑P	Pg	02 19 51.2	0.0
ARVD	comp=E,69 μ m,0.2s	AML	AML			
ARVD	comp=N,47 μ m,0.9s	AML	AML			
ARVD	comp=E,167 μ m,0.7s	AML	AML			
ARVD	comp=N,132 μ m,1.4s	AML	AML			
MGAB	Montegabbione	0.75 280	↑P	Pb	02 19 52.4	+0.2
MGAB	comp=E,160 μ m,0.4s	AML	AML			
MGAB	comp=N,124 μ m,0.5s	AML	AML			
MGAB	comp=N,394 μ m,0.3s	AML	AML			
MGAB	comp=E,294 μ m,0.4s	AML	AML			
T0110	Collepietro	0.75 138	↑P	Pg	02 19 51.6	-0.1
T0110	comp=E,1535 μ m,0.3s	AML	AML			
T0110	comp=N,2235 μ m,0.4s	AML	AML			
T0110	comp=N,2325 μ m,0.4s	AML	AML			
FRON	Frontone	0.78 339	P	Pb	02 19 52.8	-0.2
FRON	comp=N,125 μ m,0.5s	AML	AML			
FRON	comp=E,99 μ m,1.0s	AML	AML			
ATVO	AVT- Monte Val	0.79 319	↑P	Pg	02 19 52.7	+0.2
ATVO	comp=E,52 μ m,0.8s	AML	AML			
ATVO	comp=N,44 μ m,1.0s	AML	AML			
ATVO	comp=E,89 μ m,0.3s	AML	AML			
ATVO	comp=N,100 μ m,0.5s	AML	AML			
COR1	Corinaldo	0.85 355	P	Pb	02 19 54.6	+0.6
COR1	comp=N,327 μ m,0.6s	AML	AML			
COR1	comp=E,284 μ m,0.9s	AML	AML			
PIEI	Pieia	0.86 331	P	Pg	02 19 53.8	0.0
PIEI	comp=E,39 μ m,1.5s	AML	AML			
PIEI	comp=N,31 μ m,0.2s	AML	AML			
PIEI	comp=E,95 μ m,0.3s	AML	AML			
PIEI	comp=N,72 μ m,1.2s	AML	AML			
MPAG	Monte Paganucc	0.88 343	↑P	Pg	02 19 54.3	+0.1
MPAG	comp=E,385 μ m,0.8s	AML	AML			
MPAG	comp=N,478 μ m,0.8s	AML	AML			
MPAG	comp=E,40 μ m,0.4s	AML	AML			
MPAG	comp=N,52 μ m,0.9s	AML	AML			
MPAG	comp=N,478 μ m,0.8s	AML	AML			
FSSB	Fossombrone	0.94 345	↑P	Pg	02 19 55.4	+0.1
FSSB	comp=E,106 μ m,0.5s	AML	AML			
FSSB	comp=N,140 μ m,1.2s	AML	AML			
FSSB	comp=E,218 μ m,0.4s	AML	AML			
FSSB	comp=N,273 μ m,0.3s	AML	AML			
MA9	Marino	1.07 198	S	Sg	02 20 11.0	-0.7

Code	Station Name	Δ	AZ	Phase ID	Time	Res
ROM 08 02:20:25.4.0.1,42:570N:0:003:13:269E:0:004, h10km,ML2.7/43,39C-9D, Error ellipse: s-maj=0.3km s-min=0.2km az=235.0, Central Italy						
RM33	Pellescritta (	0.07 213	↑P	Pg	02 20 28.3	+0.5
RM33	comp=N,39550 μ m,0.3s	AML	AML		02 20 30.1	+0.6
RM33	comp=N,5500 μ m,0.2s	AML	AML			
RM33	comp=N,42200 μ m,0.3s	AML	AML			
RM33	comp=E,5600 μ m,0.3s	AML	AML			
RM33	comp=N,39550 μ m,0.3s	AML	AML			
RM33	comp=N,48650 μ m,0.3s	AML	AML			
RM33	comp=N,45350 μ m,1.0s	AML	AML			
RM33	comp=E,59050 μ m,0.3s	AML	AML			
CAMP	Campotosto	0.11 108	P	Pg	02 20 28.8	+0.6
CAMP	comp=E,10385 μ m,0.5s	AML	AML		02 20 30.9	+0.5
CAMP	comp=N,8255 μ m,0.5s	AML	AML			
T1247	Pizzolo (AQ)	0.13 170	↑P	Pg	02 20 29.2	+0.7
T1247	comp=N,17950 μ m,0.4s	AML	AML		02 20 31.8	+1.1
T1247	comp=E,17600 μ m,0.3s	AML	AML			
T1247	comp=N,32450 μ m,0.3s	AML	AML			
T1247	comp=N,31650 μ m,0.1s	AML	AML			
T1218	Civita (PG)	0.15 311	P	Pg	02 20 29.4	+0.5
T1218	comp=N,4110 μ m,0.6s	AML	AML		02 20 31.9	+0.6
T1218	comp=N,6865 μ m,0.2s	AML	AML			
T1218	comp=E,3900 μ m,0.3s	AML	AML			
T1218	comp=E,4110 μ m,0.7s	AML	AML			
T1218	comp=E,3895 μ m,0.3s	AML	AML			
T1218	comp=N,6970 μ m,0.2s	AML	AML			
T1218	comp=N,6965 μ m,0.2s	AML	AML			
T1218	comp=E,4970 μ m,0.6s	AML	AML			
T1218	comp=E,4880 μ m,0.6s	AML	AML			
LNSS	Leonessa	0.17 281	↑P	Pg	02 20 29.9	+0.6
LNSS	comp=E,15000 μ m,0.3s	AML	AML		02 20 32.9	+1.0
LNSS	comp=N,17350 μ m,0.3s	AML	AML			
T1243	Rocca Santa Ma	0.18 46	↑P	Pg	02 20 29.8	+0.4
T1243	comp=N,2190 μ m,0.6s	AML	AML		02 20 32.8	+0.8
AQU	L'Aquila	0.24 156	↑P	Pg	02 20 31.0	+0.6
AQU	comp=N,2190 μ m,0.6s	AML	AML		02 20 35.4	+1.7
AQU	comp=N,2190 μ m,0.6s	AML	AML			
AQU	comp=E,2005 μ m,1.2s	AML	AML			
AQU	comp=E,2045 μ m,1.1s	AML	AML			
AQU	comp=N,2170 μ m,0.6s	AML	AML			
GIGS	Gran Sasso	0.25 118	↑P	Pg	02 20 31.0	+0.4
GIGS	comp=E,752 μ m,0.4s	AML	AML		02 20 34.8	+0.7
GIGS	comp=N,821 μ m,0.2s	AML	AML			
TERO	Teramo	0.25 78	↑P	Pg	02 20 30.9	+0.3
TERO	comp=N,821 μ m,0.2s	AML	AML		02 20 31.6	+0.4
NRCA	Norcia	0.29 337	↑P	Pg	02 20 31.6	+0.4
NRCA	comp=E,4625 μ m,0.2s	AML	AML		02 20 36.2	+1.0
NRCA	comp=E,4890 μ m,0.2s	AML	AML			
NRCA	comp=N,3480 μ m,0.1s	AML	AML			
NRCA	comp=N,3630 μ m,0.1s	AML	AML			
NRCA	comp=E,4620 μ m,0.2s	AML	AML			
T1245	Castelsantange	0.29 348	↑P	Pg	02 20 31.9	+0.5
T1245	comp=N,5535 μ m,0.8s	AML	AML		02 20 36.6	+1.2
T1245	comp=E,4345 μ m,0.2s	AML	AML			
T1245	comp=E,4120 μ m,0.2s	AML	AML			
T1245	comp=N,5165 μ m,0.8s	AML	AML			
T1211	Morro Reatino	0.31 263	↑P	Pg	02 20 32.0	+0.4
T1211	comp=N,3355 μ m,0.3s	AML	AML		02 20 36.9	+1.1
T1211	comp=N,3310 μ m,0.3s	AML	AML			
T1211	comp=N,2530 μ m,0.6s	AML	AML			
T1211	comp=E,2565 μ m,0.6s	AML	AML			
T1241	Roccafluvione,	0.31 23	↑P	Pg	02 20 32.0	+0.3
T1241	comp=E,1525 μ m,0.8s	AML	AML			
T1241	comp=N,980 μ m,0.6s	AML	AML			
T1241	comp=N,980 μ m,0.6s	AML	AML			
T1241	comp=N,976 μ m,0.6s	AML	AML			
FIAM	Fiamignano	0.32 200	↑P	Pg	02 20 32.4	+0.5
FIAM	comp=N,1815 μ m,0.5s	AML	AML		02 20 37.5	-1.1
FIAM	comp=N,1815 μ m,0.5s	AML	AML			
MMOI	Montemonaco	0.33 7	↑P	Pg	02 20 32.5	+0.4
MMOI	comp=N,3310 μ m,0.3s	AML	AML		02 20 37.8	+1.1
MC2	Monte Cornacci	0.35 350	↑P	Pg	02 20 32.8	+0.4
MC2	comp=N,3310 μ m,0.3s	AML	AML		02 20 38.5	-1.0
T1216	Preci, Frazion	0.37 330	↑P	Pg	02 20 33.0	+0.3
T1216	comp=E,1120 μ m,0.4s	AML	AML		02 20 39.0	-0.9
T1216	comp=N,963 μ m,0.6s	AML	AML			
T1216	comp=N,1100 μ m,0.4s	AML	AML			
T1216	comp=N,1100 μ m,0.4s	AML	AML			
T1216	comp=N,1250 μ m,0.6s	AML	AML			
T1216	comp=N,1095 μ m,0.4s	AML	AML			
ARRO	Arrone	0.37 272	↑P	Pg	02 20 33.2	+0.4
ARRO	comp=N,741 μ m,0.6s	AML	AML		02 20 39.1	-0.8
ARRO	comp=N,908 μ m,0.8s	AML	AML			
ARRO	comp=N,908 μ m,0.8s	AML	AML			
ARRO	comp=E,742 μ m,0.6s	AML	AML			
T1215	Vallo di Nera,	0.38 308	↑P	Pg	02 20 33.2	+0.4
T1215	comp=N,614 μ m,0.7s	AML	AML		02 20 38.9	+1.0
T1215	comp=E,614 μ m,0.7s	AML	AML			
T1215	comp=E,566 μ m,0.7s	AML	AML			
T1215	comp=E,614 μ m,0.7s	AML	AML			

Code	Station Name	Δ	AZ	Phase ID	Time	Res
comp=N,312 μ m,1.4s						
T1215	comp=E,566 μ m,0.7s	AML	AML			
T1215	comp=N,334 μ m,1.4s	AML	AML			
FAGN	Fagn					

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Date/Time, and other parameters. Includes stations like AKKB, R33M, MORB, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Date/Time, and other parameters. Includes stations like PSZ, BZS, BKS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Date/Time, and other parameters. Includes stations like KMBO, PLID, MSO, etc.

WEL 08:20:05.4, 0.4, 43'S, 3'17.4E, h12km, M3.4/32, s min=0.0km az=229, confirmed, Off east coast of South Island

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations 445.

IDC 08 04:00:04.5:2.0, 7.45S:128.55E, h157km, 28km, mb3.0/1, mbmp3.7/6, Error ellipse: s-maj=33.6km s-min=20.9km az=99.0

IDC 08 04:00:01.8:0.9, 7.68S:106.128.72E:0.09, h151km, n6, az=302/11, Banda Sea

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations 445.

NOU 08 04:50:05.5:42.64S:173.89E, h3km, MLV4.2/13, South Island, New Zealand

WEL 08 04:50:07.3:0.4, 42.3S:17.4E, h5km, M3.7/33, ML4.2/13, MLV3.7/33, Error ellipse: s-maj=0.0km s-min=0.0km az=118.6, confirmed

IDC 08 04:50:05.3:1.4, 42.43S:173.90E:0.04, h6km, 14km, n107, az114/109, South Island

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations 445.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations 2016 DEC.

NOU 08 05:13:24.3:42.51S:173.94E, h6km, MLV4.4/14, South Island, New Zealand

WEL 08 05:13:26.7:0.4, 42.3S:17.4E, h10km, 3km, M3.8/31, ML4.2/14, MLV3.8/31, Error ellipse: s-maj=0.0km s-min=0.0km az=130.1, confirmed

IDC 08 05:13:25.2:1.1, 42.40S:173.88E:0.04, h17km, 9km, n104, az104/104, South Island

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations 2016 DEC.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations 8d 5h.

IDC 08 05:13:25.1:0.6, 19.03S:174.65W, h0km, mb4.6/10, mbmp4.6/12, ML4.5/2, MS2.9/3, Error ellipse: s-maj=24.5km s-min=15.4km az=142.0

ISC-EH 08 05:13:27.5, 19.06S:174.53W, h15km, Error ellipse: s-maj=5.5km s-min=3.7km az=143.0

NEIC 08 05:13:27.6:1.4, 19.2S:0.1z:174.56W:0.08, h10km, 1km, mb4.8/5.8, Error ellipse: s-maj=18.6km s-min=12.2km az=355

NOU 08 05:13:36.8, 18.91S:173.93W, h144km, mb4.9/42, Tonga Islands

ISC 08 05:13:29.0:1.6, 19.00S:0.06:174.47W:0.05, h27km, 12km, n181, az154/164, mb8/42, 1D, Tonga Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations 8d 5h.

8d 5h

2016 DEC

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

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

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

Table with columns for station ID, name, frequency, and other technical details. Includes stations like Zalesovo Array, ZAAO, ZALV, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like KBL, ZIRO, KUDL, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like BRDH, ARU, ARTI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CNSH, DL2, BELG, GULI, KIRV, CHTO, HYBB, POO, SNY, BOM, CM31, CMAR, VJD, PHRA, MAK, NCK, NJ2, CN2, AKT, ZEA, HEH.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HEH, SUJ, BNJ, GROG, JASK, NONG, PYAG, HJU, GOA, BANOH, SSE, MDH, VRH, WSAR, MASF, NCK, BIDO, HHH, HHU, MDJ, GNI, WBK.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WBK, UOSS, INCN, HATD, MDRS, KBZ, YAK, SMDO, KIV, ASHO, HOQ, NAZ, SOHO, TASB, NEY, AKH, KLR, JMDO, QIZ, ALNE, ARQ.

8d 5h

2016 DEC

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MAS1, ECUIS, OBKA, BER, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MEM, OSSC, PRMA, DGAR, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like M5EY, NGJ1, SSB, SSB, etc.

ANM	comp=Z,11um,20.0s	MLR	MLR						
BSSI	Bau Bau, Buton	58.52 139	P	P	05 24 58.8	-0.8			
IGBI	Dempar	58.55 146	P	P	05 24 59.3	-0.4			
MAHO	Mahon	58.80 297	P	P	05 25 02.6	+1.4			
MAHO		58.80 297	S	S	05 25 04.2	-1.9			
TULEG	Thule	58.90 353	IAMB	IAMB	05 25 02.2				
TULEG	comp=Z,79nm,0.8s								
TULEG	Thule	58.90 353	IAMB	IAMB	05 24 21.7				
TULEG	comp=Z,24um,19.0s								
TULEG	Thule	58.90 353	IAMB	IAMB	05 25 00.8	-0.6			
TULEG	comp=Z,87nm,0.9s								
TULEG	Thule	58.90 353	IAMB	IAMB	05 25 01.1	-0.3			
SOEG	Soedalen	59.05 337	IAMB	IAMB	05 25 04.2	+1.6			
SOEG	comp=Z,105nm,1.1s								
TWSI	Taliwang, Sumb	59.20 144	P	P	05 25 02.9	-1.3			
C23K	Iktilik River	59.35 20	P	P	05 25 06.0	+1.3			
C23K	baz=315								
C23K	Kullorsuaq	59.42 349	IAMB	IAMB	05 25 05.2	+0.2			
KULLO	baz=315								
KULLO	Narmlia	59.44 131	P	P	05 25 13.3	+7.4			
NLAI	Plampang	59.66 143	P	P	05 25 05.9	-1.5			
PLAI	Plampang	59.66 143	P	P	05 25 05.3	-2.1			
SWI	Sorong	59.88 125	P	P	05 25 10.9	+1.9			
SIJI	Sorong	59.88 125	LR	LR	05 53 50.1				
C24K	Franklin Bluff	59.90 19	P	P	05 25 09.5	+1.1			
C24K	baz=317								
D23K	Nanushuk River	59.96 20	P	P	05 25 10.1	+1.3			
D23K	baz=316								
LODK	Lodwar	60.23 243	P	P	05 25 11.5	-0.1			
LODK	baz=314								
LODK	Lodwar	60.23 243	P	P	05 25 11.3	-0.2			
LODK	Lodwar	60.23 243	eP	P	05 25 10.0	-1.5			
E22K	Anaktuvuk Pass	60.26 21	P	P	05 25 11.5	+0.5			
E22K	baz=315								
AAI	Ambon	60.41 130	P	P	05 25 21.6	+9.0			
F21K	Alatina River	60.44 23	P	P	05 25 13.0	+0.8			
F21K	baz=314								
TOLK	Toolik Lake Re	60.47 20	IAMB	IAMB	05 25 34.5				
TOLK	comp=Z,89nm,0.8s								
TOLK	Toolik Lake Re	60.47 20	P	P	05 25 13.1	+0.7			
TOLK	baz=316,SNR=68								
TOLK	baz=316								
ICESG	Greenland Ices	60.59 341	IAMB	IAMB	05 25 14.3	+0.8			
ICESG	comp=Z,80nm,0.9s								
F22K	John River	60.60 22	P	P	05 25 14.5	+1.1			
F22K	baz=315								
C26K	Camden Bay	60.63 18	P	P	05 25 15.1	+1.7			
C26K	baz=320								
D25K	Kavik River	60.74 19	P	P	05 25 15.2	+0.9			
D25K	baz=319,SNR=15								
UPNV	Upernavik	60.83 348	IAMB	IAMB	05 25 15.3	+0.6			
UPNV	comp=Z,96nm,0.9s								
E23K	Chandler	60.89 21	P	P	05 25 16.5	+1.2			
E23K	baz=317								
G21K	Allakaket	60.93 23	P	P	05 25 16.5	+0.9			
G21K	baz=314								
C27K	Jago River	61.12 18	P	P	05 25 18.3	+1.5			
C27K	baz=321								
GCSA	Galena City Sc	61.13 26	P	P	05 25 18.4	+1.5			
GCSA	baz=312								
E24K	Your Creek	61.16 20	P	P	05 25 17.6	+0.4			
E24K	baz=318								
COLD	Coldfoot	61.34 22	IAMB	IAMB	05 25 32.1				
COLD	comp=Z,90nm,0.9s								
COLD	Coldfoot	61.34 22	P	P	05 25 18.9	+0.6			
COLD	baz=316,SNR=77								
MMRI	Maumere	61.53 139	P	P	05 25 18.9	-1.2			
MMRI	Maumere	61.53 139	P	P	05 25 19.5	-0.6			
MMRI	Maumere	61.53 139	P	P	05 25 19.6	-0.6			
F24K	Squaw Lake	61.73 21	P	P	05 25 21.5	+0.5			
F24K	baz=318								
H21K	Melozitna Rive	61.74 24	P	P	05 25 21.7	+0.7			
H21K	baz=315								
G23K	Bananza Creek	61.76 22	P	P	05 25 22.0	+0.8			
G23K	baz=317								
RES	Resolute Bay	61.80 0	LR	LR	05 54 06.9				
RES	comp=Z,20um,18.7s,slow=12,slow=38								
E25K	Resolute Bay	61.80 0	P	P	05 25 21.7	+0.4			
E25K	Arctic Village	61.85 20	P	P	05 25 22.1	+0.3			
E25K	baz=320,SNR=43								
H22K	Ishlitalina Cre	61.98 23	P	P	05 25 33.2	+0.5			
H22K	baz=316,SNR=16								
BNDI	Bandanaira	62.06 129	P	P	05 25 30.4	+6.6			
BNDI	Bandanaira	62.06 129	P	P	05 25 22.9	+0.9			
FAKI	Fak Fak	62.11 126	P	P	05 25 23.2	-1.0			
FAKI	Fak Fak	62.11 126	P	P	05 25 24.5	+0.4			
FAKI	Fak Fak	62.11 126	P	P	05 25 24.8	+0.7			
F25K	Christian Rive	62.24 20	P	P	05 25 25.2	+0.7			
F25K	baz=320								
I21K	Tanana	62.32 24	P	P	05 25 25.6	+0.7			
I21K	baz=316								
J20K	Nowinta River	62.39 25	IAMB	IAMB	05 25 39.7				
J20K	comp=Z,79nm,0.8s								
J20K	Nowinta River	62.39 25	P	P	05 25 26.5	+1.1			
J20K	baz=315,SNR=46								
A36M	Sachs Harbour	62.39 11	P	P	05 25 25.5	+0.3			
A36M	baz=335,SNR=182								
G24K	Hadweenc Riv	62.45 21	P	P	05 25 26.4	+0.6			
G24K	baz=319,SNR=61								
G24K	baz=319								

F26K	Sheenjek River	62.52 19	P	P	05 25 26.8	+0.5		
F26K	baz=321,SNR=27							
KMBO	Kilima Mbogo	62.54 238	P	P	05 25 27.6	+0.3		
KMBO	comp=Z,34nm,1.0s,slow=25,slow=9,2,SNR=49							
KMBO	comp=Z,0.8nm,0.4s,slow=46,slow=23,SNR=1.6							
KMBO	Kilima Mbogo	62.54 238	P	P	05 25 27.2	-0.1		
KMBO	Kilima Mbogo	62.54 238	P	P	05 25 27.4	+0.1		
KMBO	Kilima Mbogo	62.54 238	P	P	05 25 27.9	+0.5		
KMBO	Kilima Mbogo	62.54 238	P	P	05 25 27.4	+0.1		
KMBO	Kilima Mbogo	62.54 238	P	P	05 25 27.7	+0.3		
KMBO	comp=Z,40nm,1.4s							
H23K	Yukon River	62.55 23	P	P	05 25 27.5	+1.0		
H23K	baz=318							
ANGG	Ammassalik, Gr	62.63 337	eP	P	05 25 27.0	+0.1		
TTA	Tatalina	62.66 27	P	P	05 25 27.9	+0.6		
TTA	Tatalina	62.66 27	P	P	05 25 28.5	+1.1		
TTA	baz=314							
TTA	Tatalina	62.66 27	P	P	05 33 56.2	+1.2		
TTA	comp=Z,53nm,1.3s							
E27K	Coleen River	62.73 18	P	P	05 25 27.7	+0.1		
E27K	baz=323,SNR=105							
G25K	Bearman Lake	62.76 21	P	P	05 25 28.9	+1.1		
G25K	baz=320							
MLY	Manley	62.80 24	IAMB	IAMB	05 25 41.6			
MLY	comp=Z,64nm,0.9s							
MLY	Manley	62.80 24	P	P	05 25 29.1	+1.0		
MLY	baz=317,SNR=32							
K20K	Telida	62.99 26	IAMB	IAMB	05 56 43.1			
K20K	comp=Z,19um,20.0s							
K20K	Telida	62.99 26	P	P	05 25 30.3	+0.9		
K20K	baz=315							
H24K	Noodor Dome	63.00 22	IAMB	IAMB	05 57 57.6			
H24K	comp=Z,20um,18.0s							
H24K	Noodor Dome	63.00 22	P	P	05 25 30.2	+0.7		
H24K	baz=319							
ILULI	Iluissat	63.00 344	P	P	05 25 29.7	+0.3		
ILULI	comp=Z,22um,20.0s							
ILULI	Iluissat	63.00 344	IAMB	IAMB	05 56 00.6			
ILULI	comp=Z,180nm,0.8s							
ILULI	Iluissat	63.00 344	P	P	05 25 29.7	+0.3		
ILULI	comp=Z,171nm,0.7s							
KIBK	Kibwezi	63.01 237	IAMB	IAMB	05 25 32.6			
KIBK	comp=Z,22um,20.0s							
KIBK	Kibwezi	63.01 237	P	P	05 25 30.3	0.0		
KIBK	SNR=31							
I23K	Minto, Yukon-K	63.10 23	P	P	05 25 30.6	+0.5		
I23K	comp=Z,95nm,1.0s							
I23K	Minto, Yukon-K	63.10 23	P	P	05 25 30.8	+0.7		
I23K	baz=318,SNR=36							
FYU	Fort Yukon	63.13 21	IAMB	IAMB	05 26 08.7			
FYU	comp=Z,99nm,1.0s							
CHUM	Lake Minchumina	63.16 25	P	P	05 25 31.5	+0.9		
CHUM	baz=316,SNR=20							
G26K	Porcupine Rive	63.20 20	P	P	05 25 31.5	+0.8		
G26K	baz=322							
UCM	Universidad Co	63.32 301	P	P	05 25 35.1	+3.1		
UCM	comp=Z,3um,comp=Z,106nm,1.0s							
N16K	Nishlik Lake	63.39 30	P	P	05 25 33.1	+1.0		
N16K	baz=313							
BPAW	Bear Paw Mtn.	63.41 24	P	P	05 25 32.2	0.0		
BPAW	comp=Z,117nm,1.1s							
BPAW	Bear Paw Mtn	63.41 24	P	P	05 25 32.8	+0.6		
BPAW	baz=317,SNR=20							
BPAW	baz=317							
SOEI	Soe	63.48 137	P	P	05 25 32.4	-1.0		
SOEI	comp=Z,6um,comp=Z,106nm,1.0s							
CART	Cartagena	63.50 298	P	P	05 25 32.6	-0.8		
CART	comp=Z,84nm,0.8s							
CART	Cartagena	63.50 298	IAMB	IAMB	05 25 32.0	-1.2		
CART	comp=Z,60nm,0.8s							
MDM	Murphy Dome	63.56 23	IAMB	IAMB	05 25 46.9			
MDM	comp=Z,60nm,0.8s							
CAST	Castle Rocks	63.57 25	IAMB	IAMB	05 25 47.0			
CAST	comp=Z,71nm,0.9s							
CAST	comp=Z,16um,20.0s							
CAST	Castle Rocks	63.57 25	P	P	05 25 34.0	+0.8		
CAST	baz=316,SNR=38							
L19K	White Mountain	63.57 27	IAMB	IAMB	05 56 59.8			
L19K	comp=Z,7um,20.0s							
L19K	White Mountain	63.57 27	P	P	05 25 34.4	+1.1		
L19K	baz=315							
BATI	Baumata	63.58 138	P	P	05 25 33.7	-0.2		
BATI	comp=Z,5um,comp=Z,226nm,1.0s							
NEA2	Nenana	63.60 23	IAMB	IAMB	05 25 47.0			

8d 5h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like G30M, C36M, F31M, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like PAX, PAXE, MTE, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like PESTR, SEW, KLU, etc.

8d 5h

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Table with columns: WCI, Wyandotte Cave, 98.08 354, P, P, 05 28 39.1 -0.6, etc. Lists various astronomical observations with dates, times, and coordinates.

Table with columns: WVT, MLR, MLR, 100.29 351, P, Pdif, 05 28 49.1 -0.5, etc. Lists astronomical observations with dates, times, and coordinates.

Table with columns: UREC, San Jos de Ur, 126.11 337, eP, PKIKP, 05 34 06.3 -0.0, etc. Lists astronomical observations with dates, times, and coordinates.

Table with columns: LCO, CFA, CFA, VA06, GO05, GO05, PLCA, PLCA, MG05. Rows include station names like Coronel Fontan, Catapilco, Huala, Paso Flores, Puerto Natales and their respective frequencies and parameters.

IDC 08 05:21:57.2-0.5, 43.85N:86.48E, h0km, mb4.6/21, mbtmp4.7/26, ML4.2/2, Error ellipse: s-maj=19.5km

BUI 08 05:22:01.5-0.0, 43.78N:86.28E, h13km, mb4.9/2, ML4.6/6, ISC 08 05:21:59.4-0.5, 43.36N:0.07:86.34E:0.06, h10km, n37, r2500/45, mb4.6/24, 3C-7D, Northern Xinjiang

Main table for the left column containing station codes, names, frequencies, and various parameters. Includes stations like WMQ Urumqi, MK31 Makanchi Array, and others.

REN 08 05:27:10.4-1.0, 41.87N:0.03:119.63W:0.02, h10km, 1km, ML2.5/5, ML2.5/20(NEIC), Error ellipse: s-maj=4.9km

NEIC 08 05:27:10.7-1.3, 41.90N:0.04:119.62W:0.02, h11km, 1km, Error ellipse: s-maj=5.2km s-min=2.3km az=165.0, Nevada

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes MOD Modoc Plateau.

Table with columns: MOD, WVOR, WVOR, PLTX, PLTX, K05A, K05A, K05A, LTIM, LBCM, WVA, I07A, YBH, YBH, YBH, BMN, BMN, HUMO, HUMO, HUMO, WAKR. Rows include station names like Modoc Plateau, Wild Horse Val, Planet X, Gerl, Summer Lake, etc.

IDC 08 05:27:34.6-1.6, 43.87N:86.52E, h0km, mb4.0/4, mbtmp4.2/8, ML3.7/3, Error ellipse: s-maj=81.0km

s-min=20.4km az=47.0, ISC 08 05:27:36.4-1.4, 44.0N:0.1:86.5E:0.1, h10km, n8, r174/11, mb4.0/4, Northern Xinjiang

Main table for the middle column containing station codes, names, frequencies, and various parameters. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, and others.

NNC 08 05:28:10.3-8.2, 43.37N:88.01E, h0km, mb5.2, mpv4.8, Error ellipse: s-maj=54.4km s-min=27.2km az=106.0

SOME 08 05:28:15.8, 43.25N:87.35E, h5km, IDC 08 05:28:41.1-0.7, 43.82N:86.43E, h0km, mb4.1/13, mbtmp4.2/17, ML3.9/4, Error ellipse: s-maj=27.6km

Main table for the right column containing station codes, names, frequencies, and various parameters. Includes stations like ZSN Zaisan, MK31 Makanchi Array, and others.

Table with columns: ILAR, ESDC, INK, YKA, WRA, ASAR, DBIC, STKA. Rows include station names like Eielson Array, Sonseca Array, Inuvik, etc.

NOU 08 05:29:49.7, 37.10S:177.94E, h158km, MLV3.5/7, Off E, East of N. Island, NZ

WEL 08 05:29:54.1-1.1, 37.5S:177.8E, h112km, 8km, M3.4/56, ML3.6/31, MLV3.4/56, Error ellipse: s-maj=0.0km

s-min=0.0km az=38.4, confirmed, ISC 08 05:29:56.4-1.4, 37.23S:0.06:177.55E:0.05, h100km, n127, r194/112, Off east of North Island

Main table for the right column containing station codes, names, frequencies, and various parameters. Includes stations like WIZ White Island, WSRZ White Island S, and others.

8hd 6h

Table with columns: MHC2, WACZ, RPZ, ARMZ, TMZ, ODZ, Mount Hutt, Wakanu South, Rata Peaks, Arundel, Tiramu, Otahua Downs. Includes time, phase, and other technical data.

TRN 08 05:31:39.0, 11.07N-60.80W, h41km, MD2.0, Windward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Bacolet, Speyside, Trinidad (W), Grenville, Grenada, Carri.

NNC 08 05:35:35.8-5.0, 44.07N-86.52E, h0km, mb3.9, mpv3.5, 4C-3D, Error ellipse: s-maj=33.5km s-min=29.3km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Makanchi Array, Makanchi, MakZ, PDGK.

IDC 08 05:42:40.9-1.6, 44.00N-86.58E, h0km, mb3.6/2, mbmp3.5/5, ML2.9/3, MS4.1/1, Error ellipse: s-maj=38.8km s-min=16.1km az=49.0

NNC 08 05:42:43.6-4.7, 43.97N-86.33E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=33.5km s-min=20.6km az=115.0

ISC 08 05:42:44.7-1.5, 43.94N-0.09-86.5E, 0.1, h30km, n11, r125/16, 8C-4D, Northern Xinjiang

Large table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Contains multiple station entries with detailed technical data.

SJA 08 05:42:55.8-0.6, 31.56S:72.06W, h8km, 2km, ML4.5, MW4.1

IDC 08 05:42:57.8-0.7, 31.67S:71.69W, h0km, mb4.3/6, mbmp4.1/10, ML4.1/4, MS3.8/1, Error ellipse: s-maj=26.3km s-min=20.9km az=110.0

NEIC 08 05:42:58.9-1.7, 31.63S:0.02-71.92W, 0.06, h10km, 1km, mb4.4/17, ML4.4(GUC), Error ellipse: s-maj=8.9km s-min=3.7km az=90.0

ISC 08 05:42:59.4-0.7, 31.62S:71.86W, h20km, 5km, ML4.4

GUC 08 05:42:57.1-2.1, 31.61S:0.02-71.87W, 0.04, h2km, 8km, n133, r1540/173, mb4.3/14, 1C-15D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Combarbal, Fray Jorge, Catapilco, El Pedregal, Torpederas, etc.

2016 DEC

Large table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Contains multiple station entries with detailed technical data.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Curahuwe, Punguipulli, Corral, IOPC Station P, etc.

NNC 08 05:51:37.1-2.6, 44.04N-86.48E, h0km, mb3.5, mpv2.8, 6C-3D, Error ellipse: s-maj=17.3km s-min=15.9km

az=132.0, Northern Xinjiang

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

NNC 08 06:00:35.5-3.7, 43.84N-87.07E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=27.2km s-min=17.5km az=124.0

IDC 08 06:00:43.9-0.9, 43.81N-86.67E, h0km, mb3.8/6, mbmp3.7/11, ML3.2/5, MS4.1/1, Error ellipse: s-maj=28.0km s-min=11.5km az=49.0

SOME 08 06:00:48.7, 44.02N-86.02E, h10km

ISC 08 06:00:47.6-0.7, 43.95N-0.05-86.16E, 0.04, h17km, n32, r247/51, mb3.7/6, 7C-7D, Northern Xinjiang

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

AKSG Malin Array Be 147.08 331 PKPbc PKPdf 06 52 42.9 +0.6
2.0m, 0.7s, baz=33, slow=4.0, SNR=7.7
BRTR Keskin Array B 150.76 310 PKPbc PKPbc 06 52 53.3 -1.0
0.8m, 0.8s, baz=90, slow=4.5, SNR=2.4

KRSC 08 06:55:02.1-0.9, 51.777N, 156.47E, h205km, gm, M/L, 4.3
MOS 08 06:55:02.1-0.8, 51.877N, 156.13E, h204km, mb3, 2/1.9,
Error ellipse: s-maj=11.4km, s-min=4.8km, az=68.6
IDC 08 06:55:03.6-0.9, 52.052N, 156.07E, h199km, gm, mb3.9/2.1,
mbmp4, 5/22, MS4, 1/2, Error ellipse: s-maj=13.2km
s-min=10.3km, az=167.0
NEIC 08 06:55:03.6, 1.2, 52.0N, 0.1, 156.1E, 0.2, h197km, 7km,
mb4, 4/156, Error ellipse: s-maj=20.0km s-min=12.3km
az=140.0

ISC-EH 08 06:55:03.2, 51.919N, 156.18E, h197km, Error ellipse:
s-maj=20.0km s-min=12.3km az=151.1
ISC 08 06:55:02.9, 0.5, 51.86N, 0.0, 156.20E, 0.0, h197km, 4km,
n442, c080/430, mb4, 4/102, SC, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, Op, h, m, s, ISC, Res. Rows include PAU, KDR, KDR, SKR, SKR, SKR, SKR, APC, APC, APC, GRL, GRL, KRMR, KRMR, KRMR, RUS, RUS, RUS, RUS, PEAB, PEAB, PEAB, PETK, PETK, DALK, DALK, DALK, KOK, KOK, KOK, AVH, AVH, UGLR, UGLR, UGLR, SMAR, SMAR, KRER, KRER, KRER, KRER, SDLR, SDLR, SDLR, NLC, NLC, SPN, SPN, TUMR, TUMR, TUMR, KMINR, KMINR, KMINR, KOZ, KOZ, KPT, KPT, KIR, KIR, KIR, BZMR, BZMR, BZMR, SRDR, SRDR, SRDR, KRKR, KRKR, KLY, KLY, SRK, SRK, SRK, SMKR, SMKR, SMKR, KBTR, KBTR, ERM, ERM, ERM, BILL, BILL, BILL, YAK, YAK, YAK, YAK, YAK, YAK, ZEA, ZEA, HEH, HEH, HEH, GAMB, GAMB, TNA, TNA, TNA, TIXI, TIXI

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, Op, h, m, s, ISC, Res. Rows include TIXI, ANM, ANM, ANM, ANM, N16K, SVW2, SVW2, P19K, P19K, Q18K, J20K, J20K, J20K, K20K, L20K, IMAR, A21K, A21K, G21K, M20K, Q19K, F21K, H21K, H21K, PPLA, PPLA, O20K, CAST, CAST, I21K, N20K, SPCR, OHAK, F22K, SKT, SKT, SKT, H22K, KDAK, BP2W, KTH, HOM, MLY, SUA, TRF, D23K, COLD, COLD, G23K, C23K, H23K, H23K, E23K, TOLK, TOLK, NEA2, NEA2, MCK, MCK, MCK, PMR, PMR, PMR, E24K, WAT1, MDM, MDM, C24K, WRH, WRH, F24K, TCOL, COLA, KNK, CCB, SML, G24K, PWL, POKR, WAT6

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, Op, h, m, s, ISC, Res. Rows include M23K, DHY, DHY, HDA, ILAR, ILAR, SCM, D25K, G25K, F25K, E25K, SONM, PRP, PRP, K24K, M24K, J25K, J25K, C26K, PAX, BMAR, F26K, HARP, G26K, C27K, JOW, SCRK, SCRK, DOT, N25K, J26L, L26K, E27K, G27K, M26K, H27K, I27K, K27K, L27K, EGAK, M27K, BVCY, YUK3, DAWY, DAWY, I29M, I29M, O28M, YUK6, PINM, EPYK, EPYK, L29M, M29M, G30M, K29M, YUK4, YUK6, M30M, INK, INK, INK, INK, HYT, HYT, MAYO, N30M, F31M, N31M, O30N, PLBC, M31M, M31M, FARO, N32M, A36M, A36M, P33M, Q32M, C36M

R33M	baz=286,SNR=1.7	39.85	50	P	P	07 02 18.3 +1.4
WTGN	Hyland Airport baz=292,SNR=0.4	40.29	46	P	P	07 02 21.6 +1.2
TGLT	Watson Lake, Y baz=293	40.59	48	P	P	07 02 23.7 +0.9
T35M	Bob Quinn baz=296	41.18	53	P	P	07 02 29.7 +2.0
ZALV	Zalesovo Beam comp=2.0,8nm,0.4s,baz=61.3,slow=5.8,SNR=4.7	41.43	302	P	P	07 02 28.9 -0.8
ZALV	comp=2.1,3nm,0.4s,baz=63,slow=4.0,SNR=7.1			PcP	PcP	07 04 23.1 -0.4
DGZ	Jazzator, Alta baz=296	42.06	295	i	P	07 02 35.6 +0.5
LIRD	Liard River H baz=296	42.12	48	P	P	07 02 36.1 +0.8
GRNB	Grenville Isla	42.76	57	P	P	07 02 42.4 +1.9
GRNB				Iamb	Iamb	07 02 43.0
EUNU	comp=2.1,3nm,0.7s	43.70	13	P	P	07 02 48.6 +0.9
RES	Resolute Bay	45.34	21	P	P	07 03 01.0 +0.4
RES	Resolute Bay	45.34	21	P	P	07 03 01.0 +0.4
RES				pmax	pmax	
YKA	comp=2.4,0nm,0.6s	45.66	40	P	P	07 03 03.6 +0.3
KURK	Kurchatov	46.34	301	P	P	07 03 08.8 0.0
KURK				Iamb	Iamb	07 03 09.2
KURK	Kurchatov	46.34	301	cP	P	07 03 08.9 +0.1
KURK				pmax	pmax	
MK31	comp=2.6,0nm,0.6s	46.52	295	P	P	07 03 10.6 +0.3
MK31	Makanchi Array	46.52	295	P	P	07 03 10.6 +0.3
MK31				pmax	pmax	
MKAR	comp=2.3,0nm,0.6s	46.52	295	P	P	07 03 10.5 +0.2
MKAR	Makanchi Array	46.52	295	P	P	07 03 10.5 +0.2
MKAR				pmax	pmax	
MKAR	Makanchi Array	46.52	295	P	P	07 03 10.7 +0.4
MKAR				P	P	07 03 10.7 +0.4
MAKZ	Makanchi	46.59	295	P	P	07 03 12.0 +0.4
MAKZ				pmax	pmax	07 03 12.0 +0.4
TULEG	Thule	48.70	13	P	P	07 03 26.7 +0.1
TULEG				Iamb	Iamb	07 03 26.7
BRDLA	Berland Lookouk	48.94	51	P	P	07 03 29.5 +0.7
BRDLA				Iamb	Iamb	07 03 30.0
BRVK	comp=2.1,6nm,0.9s	49.30	307	P	P	07 03 31.0 -0.4
BRVK	Borovyoye	49.30	307	P	P	07 03 31.0 -0.4
BRVK				pmax	pmax	
LTY	Liberty	51.33	60	P	P	07 03 47.1 +0.3
BOBA	Colville Reser	51.36	58	P	P	07 03 47.4 +0.4
EDM	Edmonton	51.40	50	P	P	07 03 47.8 +0.5
EDM	Edmonton	51.40	50	P	P	07 03 47.8 +0.6
EDM				pmax	pmax	
NEW	comp=2.1,7nm,0.6s	52.58	57	P	P	07 03 56.5 +0.6
NEW	Newport					
ARU	Arti	52.66	316	i	P	07 03 55.4 -1.0
ARU				S	S	07 11 07.6 -0.4
ARU				SS	SS	07 14 48.2 -0.2
ARU				pmax	pmax	
AAK	comp=2.8,0nm,1.1s	53.45	295	P	P	07 04 02.8 +0.2
AAK	Ala-Archa			Iamb	Iamb	07 04 03.8
AAK	Ala-Archa	53.45	295	P	P	07 04 02.8 +0.2
AAK				pmax	pmax	
ARCES	comp=2.4,0nm,0.5s	53.69	341	P	P	07 04 01.8 -2.0
ARCES	ARCES Array B	53.69	341	P	P	07 04 01.8 -2.0
ARCES				PcP	PcP	07 05 07.0 -0.1
YBH	Yreka Blue Hor	53.69	67	P	P	07 04 06.1 +1.8
YBH	Yreka Blue Hor	53.69	67	P	P	07 04 06.1 +1.8
YBH				pmax	pmax	
WALA	Waterton Lakes	53.73	55	P	P	07 04 04.9 +0.5
K05A	Summer Lake	54.07	65	P	P	07 04 08.6 +1.5
K05A				Iamb	Iamb	07 04 16.4
MOD	Modoc Plateau	54.94	65	P	P	07 04 14.6 +1.3
MSO	Missoula	55.15	57	P	P	07 04 15.0 +0.3
PLID	Pearl Lake	55.21	60	Iamb	Iamb	07 04 16.5
SUMG	comp=2.5,3nm,0.7s	55.44	5	i	P	07 04 16.0 -0.7
WVOR	Wild Horse Val	55.52	63	P	P	07 04 18.7 +1.3
WVOR				Iamb	Iamb	07 04 19.3
WVOR	Wild Horse Val	55.52	63	P	P	07 04 18.7 +1.3
WVOR				pmax	pmax	
ORV	comp=2.7,0nm,0.9s	55.82	68	Iamb	Iamb	07 04 20.6
ORV	Oroville					
BEKR	Beckworth	56.26	67	P	P	07 04 23.7 +0.9
BEKR				Iamb	Iamb	07 04 24.4
ABKAR	Abkukul array	56.74	309	P	P	07 04 25.4 -0.4
ABKAR				Iamb	Iamb	07 04 26.0
VCNR	Virginia City	57.05	67	Iamb	Iamb	07 04 30.6
HLID	Halley	57.08	60	P	P	07 04 29.1 +0.6
BOZ	Bozeman (W)	57.17	57	P	P	07 04 29.8 +0.8
BOZ	Bozeman (W)	57.17	57	P	P	07 04 29.7 +0.6
BOZ				P	P	07 04 29.8 +0.8
BOZ				pmax	pmax	
YERR	Yerington	57.50	67	Iamb	Iamb	07 04 33.3
WAKR	Walker	57.71	67	P	P	07 04 34.3 +1.3
WAKR				Iamb	Iamb	07 04 35.0
YHB	Horse Butte	57.97	57	Iamb	Iamb	07 04 36.4
KVN	Kaiserville	58.10	66	Iamb	Iamb	07 04 37.5
RYN	Ryan	58.15	67	Iamb	Iamb	07 04 37.8
NVAR	comp=2.5,9nm,0.7s	58.41	67	P	P	07 04 39.0 +1.1
NVAR	Minia Array Bea					
H17A	Grant Village	58.54	57	P	P	07 04 40.7 +2.0
RLMT	Red Lodge	58.71	56	Iamb	Iamb	07 04 41.1 +1.3
RLMT	Red Lodge	58.71	56	P	P	07 04 41.1 +1.3
DGMT	comp=2.6,4nm,1.1s	58.89	50	P	P	07 04 41.9 +1.1
DGMT	Dagmar					
CHGR	Chuyangaron	59.13	294	Iamb	Iamb	07 04 43.7
DSP	Deep Springs	59.33	67	P	P	07 04 45.7 +1.8
CWC	Cottonwood Cre	59.92	68	P	P	07 04 49.2 +1.1
GRAC	Grapevine Rang	59.94	67	P	P	07 04 49.2 +1.1
HWUT	Hardware Ranch	59.95	60	Iamb	Iamb	07 04 50.1
R11A	Troy Canyon, C	60.01	65	P	P	07 04 49.5 +0.8
BELG	Belogoroye	60.07	318	i	P	07 04 47.4 -1.3
BELG				pmax	pmax	
BW06	Boulder Array	60.20	58	Iamb	Iamb	07 04 51.4
BW06	Boulder Array	60.20	58	P	P	07 04 50.7 +0.6
PD31	Pinedale Array	60.20	58	Iamb	Iamb	07 04 51.4
PDAR	Pinedale Array	60.20	58	P	P	07 04 50.5 +0.5

ISA	Isabella, Lake baz=315	60.23	69	P	P	07 04 50.4 +0.2
SPR3	Spring Creek 3	60.25	64	Iamb	Iamb	07 04 53.0
DUG	Dugway, Tooele baz=315	60.26	62	P	P	07 04 51.5 +1.1
FINES	FINES Array B	60.27	335	P	P	07 04 48.3 -1.6
FINES	comp=2.1,4nm,0.6s,baz=108,slow=3.2,SNR=1.9			PcP	PcP	07 05 32.2 -0.8
TCUT	Toone Canyon	60.37	60	Iamb	Iamb	07 04 53.4
MPMC	Manuwa Prospe	60.52	68	P	P	07 04 53.2 +0.8
FURC	Furnace Creek, baz=315,SNR=8.9	60.60	68	P	P	07 04 53.6 +1.1
TPNV	Topopah Spring	60.61	67	Iamb	Iamb	07 04 54.5
TPNV	Topopah Spring	60.61	67	P	P	07 04 53.5 +0.7
LRMC	Laurel Mtn Rad	60.82	69	P	P	07 04 54.9 +0.7
NLU	North Lily Min	60.83	62	Iamb	Iamb	07 04 56.1
GWY	Greenwater Val	60.91	68	Iamb	Iamb	07 04 56.3
QSM	Queen of Sheba	60.95	68	Iamb	Iamb	07 04 56.5
MPW	Maple Canyon	61.02	61	Iamb	Iamb	07 04 57.4
EDW2	Edwards Air Fo	61.06	70	P	P	07 04 56.5 +0.7
SHOC	Shoshone, Teco	61.33	68	P	P	07 04 58.5 +1.0
ULM	Lac du Bonnet	61.38	44	P	P	07 04 57.1 -0.4
ULM	Lac du Bonnet	61.38	44	P	P	07 04 57.5 -0.1
ULM				Iamb	Iamb	07 05 24.8
ULM	Lac du Bonnet	61.38	44	P	P	07 04 57.5 -0.1
ULM				pmax	pmax	
GSC	Goldstone, Bar	61.45	68	P	P	07 04 59.3 +0.9
GSC				Iamb	Iamb	07 04 59.9
GSC	Goldstone, Bar	61.45	68	P	P	07 04 59.0 +0.6
GSC				pmax	pmax	
GSC	Goldstone, Bar	61.45	68	P	P	07 04 59.3 +0.9
BFSO	Mount Baldy Ra	61.71	70	P	P	07 05 00.8 +0.6
RDMU	Red Mountain	61.74	60	Iamb	Iamb	07 05 02.8
TMUT	Trail Mountain	61.77	62	Iamb	Iamb	07 05 02.4
K22A	Casper	61.86	56	P	P	07 05 01.9 +0.7
CIS	Catalina Islan	61.86	71	P	P	07 05 01.8 +0.7
TUQ	Turquoise Moun	61.86	68	P	P	07 05 02.0 +0.7
P18A	Preston Nutter	62.05	61	Iamb	Iamb	07 05 04.4
Q16A	Castle Valley	62.05	62	Iamb	Iamb	07 05 04.3
HEC	Hector,Ludlow	62.06	68	P	P	07 05 02.9 +0.5
RSSD	Black Hills	62.06	53	P	P	07 05 03.2 +0.7
RSSD	Black Hills	62.06	53	P	P	07 05 02.7 +0.2
RSSD	Black Hills	62.06	53	P	P	07 05 03.2 +0.7
RSSD				pmax	pmax	
MTPU	Mount Pierson	62.12	63	Iamb	Iamb	07 05 05.3
BBRC	Big Bear Solar	62.12	69	P	P	07 05 03.8 +0.7
OBN	Obninsk	62.23	326	i	P	07 05 02.9 -0.2
OBN				eP	eP	07 05 49.5 +1.0
OBN				P	P	07 07 18.1
OBN				pmax	pmax	
LCMT	Little Creek M	62.26	65	Iamb	Iamb	07 05 05.8
V12A	Nelson	62.27	67	Iamb	Iamb	07 05 05.7
MURC	Murrieta	62.44	70	P	P	07 05 05.7 +0.8
PKCU	Pink Cliffs	62.48	64	Iamb	Iamb	07 05 27.8
GMRC	Granite Mounta	62.48	68	P	P	07 05 06.4 +1.1
O20A	White River Ci	62.77	59	Iamb	Iamb	07 05 08.5
O20A	White River Ci	62.77	59	P	P	07 05 07.7 +0.5
AGMN	Agassiz Nation	62.84	64	P	P	07 05 07.0 -0.3
BELC	Belle Mtn. Jos	62.84	69	P	P	07 05 07.8 +0.1
PFO	Pinyon Flats O	62.85	70	LR	LR	07 03 54.8
PFO	Pinyon Flats O	62.85	70	P	P	07 05 08.1 +0.3
IRM	Iron Mountain	63.22	68	P	P	07 05 10.7 +0.6
MONP2	Moment Peak	63.39	70	P	P	07 05 12.0 +0.6
BC3	Big Chuckawall	63.41	69	P	P	07 05 11.8 +0.4
N23A	Red Feather La	63.43	57	Iamb	Iamb	07 05 13.1
N23A	Red Feather La	63.43	57	P	P	07 05 12.1 +0.5
CBX	Cerro Bola	63.67	71	P	P	07 05 14.2 +1.0
PDMC	Parker Dam,Lak	63.70	67	P	P	07 05 13.6 +0.5
PV11	David Mesa, Pa	63.75	61	Iamb	Iamb	07 05 16.2
BLYC	Blythe	63.87	68	Iamb	Iamb	07 05 16.0
PV13	Radium Mtn., P	63.88	61	P	P	07 05 15.5 +0.9
NB2	NORSAR Subarra	64.02	342	P	P	07 05 14.2 -0.7
NOA	comp=2.1,0nm,0.7s,baz=23,slow=6.5			P	P	07 05 13.7 -1.2
NOA	NORSAR Array B	64.02	342	P	P	07 05 13.7 -1.2
SMCO	Snowmass	64.13	59	Iamb	Iamb	07 05 17.7
GLA	Glamis	64.20	69	P	P	07 05 17.5 +0.9
WUAZ	Wupatki	64.39	65	Iamb	Iamb	07 05 20.5
WUAZ	comp=2.4,8nm,1.0s					
ISCO	Idaho Springs	64.40	58	P	P	07 05 18.7 +0.7
MVCO	Mesa Verde	64.75	62	P	P	07 05 20.6 +0.4
EYMN	Ely	65.01	43	P	P	07 05 21.4 -0.1
Q22A	Divide	65.25	58	P	P	07 05 23.4 -0.2
R24A	4UR Ranch, Cre	65.26	60	P	P	07 05 24.5 +0.9
OGNE	Ogallala	65.40	55	P	P	07 05 24.7 +0.5
IVI	Ivigtut	65.61	13	P	P	07 05 25.1 +0.1
ECSD	EROS Data Cent	65.95	49	P	P	07 05 27.4 -0.2
ECSD	EROS Data Cent	65.95	49	P	P	07 05 27.4 -0.2
SDCO	Great Sand Dun	65.97	59	P	P	07 05 28.5 +0.4
214A	Organ Pipe Nat	66.17	68	P	P	07 05 29.9 +0.8
SPMN	Marine on St.	66.55	46	P	P	07 05 31.0 -0.3
T25A	Trinidad	67.00	59	Iamb	Iamb	07 05 36.0

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 8d1m Braeburn, Yuko, NIL Niore, O30N Mendenhall, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WAPA Wapiti River, OOD Oodnadatta, DAG Danmarks Havn, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like FAQ Al Faqa, Dubai, ARQ Aragi, NACGM Naroch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TUQ, HEC, BUR08, BURAR, TESR, CFR, TPGR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PVCC, PVCC, PVCC, CLL, CLL, CLL, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TUL1, TXAR, ABTX, ABTX, CCM, AAM, SFIN, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like T1215, T1215, T1215, etc.

T1218	comp=N,32900µm,0.4s	AML	AML		
T1218	comp=E,18900µm,0.6s	AML	AML		
T1218	comp=E,18850µm,0.6s	AML	AML		
T1218	comp=N,32900µm,0.4s	AML	AML		
MC2	comp=N,33400µm,0.4s	0.20	58	P	Pg
MC2	Monte Cornacci			S	Sg
CESI	CESI - Serrava	0.20	348	↓	Pg
CESI				S	Sg
CESI	comp=N,57650µm,0.3s	AML	AML		
LNSS	comp=N,24250µm,0.5s	AML	AML		
LNSS	Leonessa	0.21	164	↑	Pg
LNSS				S	Sg
LNSS	comp=E,42100µm,0.7s	AML	AML		
FDMO	comp=N,46000µm,0.2s	AML	AML		
FDMO	Fiordimonte	0.25	22	P	Pg
FDMO				S	Sg
FDMO	comp=E,55800µm,0.3s	AML	AML		
FDMO	comp=N,28150µm,1.3s	AML	AML		
ARRO	Arrone	0.27	212	↑	Pb
ARRO				S	Sb
ARRO	comp=E,12500µm,1.4s	AML	AML		
ARRO	comp=N,12950µm,0.2s	AML	AML		
T1256	Bologna (MC)	0.28	44	P	Pg
T1256				S	Sg
T1256	comp=E,34800µm,1.2s	AML	AML		
T1256	comp=N,21400µm,0.4s	AML	AML		
T1256	comp=E,35200µm,1.1s	AML	AML		
T1256	comp=N,20100µm,0.4s	AML	AML		
T1256	comp=E,34750µm,1.2s	AML	AML		
T1211	Morro Reatino	0.28	196	↑	Pb
T1211				S	Sb
T1211	comp=E,18350µm,0.1s	AML	AML		
T1211	comp=N,29100µm,0.2s	AML	AML		
T1211	comp=E,18200µm,0.1s	AML	AML		
T1211	comp=N,29200µm,0.2s	AML	AML		
MMOI	Montemonaco	0.28	71	↑	Pg
MMOI				S	Sg
MOMA	Monte Martano	0.29	270	↑	Pb
MOMA				S	Sb
MOMA	comp=E,22200µm,0.2s	AML	AML		
MOMA	comp=E,23100µm,0.3s	AML	AML		
MOMA	comp=N,11800µm,0.3s	AML	AML		
MOMA	comp=N,11600µm,0.9s	AML	AML		
ASSB	Assisi San Ben	0.32	317	↑	Pg
ASSB				S	Sb
ASSB	comp=E,7275µm,0.2s	AML	AML		
ASSB	comp=N,7050µm,0.8s	AML	AML		
SMA1	SAN MARTINO	0.33	122	↑	Pg
SMA1				S	Sb
SMA1	comp=N,9620µm,1.1s	AML	AML		
SMA1	comp=E,13250µm,0.4s	AML	AML		
CSP1	Cessapalombo	0.34	32	↑	Pg
CSP1				S	Sb
CSP1	comp=E,26700µm,0.6s	AML	AML		
CSP1	comp=N,31750µm,0.1s	AML	AML		
SEF1	Sefro	0.34	358	P	Pg
SEF1				S	Sb
SEF1	comp=E,16800µm,0.2s	AML	AML		
SEF1	comp=E,16800µm,0.2s	AML	AML		
SEF1	comp=N,19300µm,0.2s	AML	AML		
CESX	Cesi	0.34	235	↑	Pb
CESX				S	Sb
CESX	comp=E,7775µm,0.5s	AML	AML		
CESX	comp=N,8860µm,0.3s	AML	AML		
T1241	Roccafuvione,	0.35	82	P	Pg
T1241				S	Sb
T1241	comp=E,21950µm,0.3s	AML	AML		
RM33	Pellescrista (	0.35	148	P	Pg
RM33				S	Sb
RM33	comp=N,7880µm,1.1s	AML	AML		
RM33	comp=E,7785µm,1.5s	AML	AML		
RM33	comp=E,7585µm,1.5s	AML	AML		
RM33	comp=N,7585µm,1.2s	AML	AML		
GUMA	Gualdo di Mace	0.38	47	↑	Pg
GUMA				S	Sb
GUMA	comp=N,44100µm,1.0s	AML	AML		
GUMA	comp=E,40100µm,0.7s	AML	AML		
GUMA	comp=E,39600µm,0.5s	AML	AML		
GUMA	comp=N,37450µm,1.4s	AML	AML		
T1243	Rocca Santa Ma	0.38	107	P	Pg
MDAR	Monte D'Arìa	0.41	19	↓	Pg
MDAR				S	Sb
MDAR	comp=E,7000µm,0.4s	AML	AML		
MDAR	comp=N,11600µm,0.4s	AML	AML		
MDAR	comp=N,11610µm,0.4s	AML	AML		
MDAR	comp=E,6995µm,0.4s	AML	AML		
CAMP	Campotosto	0.43	129	↑	Pg
CAMP				S	Sb
CAMP	comp=N,2535µm,0.5s	AML	AML		
CAMP	comp=E,1985µm,0.9s	AML	AML		
GAG1	Gagliole	0.44	10	P	Pg
GAG1				S	Sb
GAG1	comp=E,13300µm,1.0s	AML	AML		
GAG1	comp=N,17850µm,0.4s	AML	AML		
T1247	Pizzolo (AQ)	0.44	146	S	Sb
T1247				S	Sb
T1247	comp=N,6180µm,1.2s	AML	AML		
T1247	comp=E,6245µm,0.7s	AML	AML		
ATCC	AVT- Casa Cast	0.45	328	↑	Pg
ATCC				S	Sb
ATCC	comp=E,5700µm,1.0s	AML	AML		
ATCC	comp=N,6490µm,0.8s	AML	AML		
SNTG	Esanatoglia	0.45	358	↓	Pg
SNTG				S	Sb
SNTG	comp=E,4215µm,1.5s	AML	AML		
SNTG	comp=N,5055µm,1.2s	AML	AML		
SNTG	comp=E,4215µm,1.5s	AML	AML		
SNTG	comp=N,4720µm,0.3s	AML	AML		
SNTG	comp=E,4120µm,1.5s	AML	AML		
MTL1	Matelica	0.45	5	↓	Pg
MTL1				S	Sb
MTL1	comp=N,13400µm,0.5s	AML	AML		
MTL1	comp=E,12150µm,0.5s	AML	AML		

MTL1	comp=N,13400µm,0.6s	AML	AML		
SSM1	San Severino M	0.45	21	↑	Pg
FOSV	Fossato di Vic	0.51	343	↑	Pg
FOSV				S	Sb
FOSV	comp=E,2265µm,0.7s	AML	AML		
EL6	comp=N,3070µm,0.5s	AML	AML		
EL6	Elcito	0.53	11	↑	Pg
EL6				S	Sb
EL6	comp=E,7935µm,1.2s	AML	AML		
EL6	comp=N,8455µm,0.3s	AML	AML		
EL6	comp=N,8450µm,0.3s	AML	AML		
OFFI	Offida	0.55	76	↑	Pg
OFFI				S	Sb
OFFI	comp=N,15500µm,0.6s	AML	AML		
OFFI	comp=E,8395µm,0.5s	AML	AML		
FIAM	Fiamignano	0.55	168	↑	Pg
FIAM				S	Sb
FIAM	comp=N,3745µm,0.8s	AML	AML		
FIAM	comp=N,3745µm,0.8s	AML	AML		
MURB	Monte Urbino	0.56	325	↓	Pg
MURB				S	Sb
MURB	comp=E,4475µm,0.4s	AML	AML		
MURB	comp=E,6870µm,0.3s	AML	AML		
MURB	comp=E,7485µm,0.3s	AML	AML		
MURB	comp=N,5775µm,1.5s	AML	AML		
MURB	comp=N,6000µm,0.9s	AML	AML		
MURB	comp=E,6875µm,0.3s	AML	AML		
AQU	L'Aquila	0.56	144	↑	Pb
AQU				S	Sb
AQU	comp=N,2070µm,0.4s	AML	AML		
AQU	comp=N,1995µm,1.5s	AML	AML		
AQU	comp=E,2240µm,0.4s	AML	AML		
AQU	comp=E,2235µm,0.3s	AML	AML		
GIGS	Gran Sasso	0.57	128	↓	Pg
GIGS				S	Sb
GIGS	comp=E,1038µm,0.2s	AML	AML		
GIGS	comp=N,868µm,0.5s	AML	AML		
CING	Cingoli	0.59	17	↑	Pg
CING				S	Sb
CING	comp=N,3210µm,0.1s	AML	AML		
CING	comp=E,4200µm,0.9s	AML	AML		
ATFO	Monte Foce - G	0.63	333	↓	Pg
ATFO				S	Sb
ATFO	comp=E,2135µm,1.1s	AML	AML		
ATFO	comp=N,2120µm,1.3s	AML	AML		
MGAB	Montegabbione	0.63	280	P	Pb
MGAB				S	Sb
MGAB	comp=N,4875µm,0.3s	AML	AML		
MGAB	comp=E,3650µm,0.4s	AML	AML		
MMUR	Monte Murano	0.64	2	↓	Pg
MMUR				S	Sb
MMUR	comp=E,4575µm,0.7s	AML	AML		
MMUR	comp=E,4580µm,0.7s	AML	AML		
MMUR	comp=N,4990µm,0.3s	AML	AML		
SSFR	Montelago di S	0.64	348	P	Pg
SSFR				S	Sb
SSFR	comp=N,4560µm,0.5s	AML	AML		
SSFR	comp=N,4110µm,0.5s	AML	AML		
SSFR	comp=E,4935µm,1.5s	AML	AML		
SSFR	comp=E,4600µm,0.2s	AML	AML		
SRES	S. Oreste - Sor	0.66	210	↓	Pb
SRES				S	Sb
SRES	comp=N,2900µm,0.5s	AML	AML		
SRES	comp=E,3125µm,1.2s	AML	AML		
ARVD	Arcevia	0.69	359	↑	Pg
ARVD				S	Sb
ARVD	comp=N,1735µm,0.7s	AML	AML		
ARVD	comp=E,2155µm,0.3s	AML	AML		
TRTR	Tortoreto Alta	0.70	90	↑	Pg
TRTR				S	Sb
TRTR	comp=N,10800µm,1.6s	AML	AML		
TRTR	comp=N,9325µm,1.5s	AML	AML		
ATVO	AVT- Monte Val	0.70	325	P	Pg
ATVO				S	Sb
ATVO	comp=E,1240µm,0.4s	AML	AML		
ATVO	comp=N,1400µm,1.3s	AML	AML		
FAGN	Fagnano	0.71	139	↓	Pg
FAGN				S	Sb
FAGN	comp=E,3930µm,0.7s	AML	AML		
FAGN	comp=N,4005µm,0.5s	AML	AML		
ATMI	Monte Miggiano	0.73	316	P	Pb
ATMI				S	Sb
ATMI	comp=N,3525µm,0.3s	AML	AML		
ATMI	comp=E,3405µm,0.6s	AML	AML		
PP3	Marolino	0.74	40	↑	Pg
PP3				S	Sb
PP3	comp=N,6560µm,0.7s	AML	AML		
PP3	comp=E,5290µm,0.7s	AML	AML		
PP3	comp=E,5150µm,1.0s	AML	AML		
PP3	comp=N,6785µm,0.7s	AML	AML		
ATPI	Pietralunga -	0.76	328	↓	Pg
ATPI				S	Sb
ATPI	comp=N,1150µm,0.6s	AML	AML		
ATPI	comp=N,1180µm,0.9s	AML	AML		
VCEL	Villa Celiara	0.77	122	↓	Pg
VCEL				S	Sb
VCEL	comp=E,4305µm,0.6s	AML	AML		
VCEL	comp=N,4040µm,1.3s	AML	AML		
SACS	San Casciano d	0.77	273	↑	Pb
SACS				S	Sb
SACS	comp=N,1360µm,0.7s	AML	AML		
SACS	comp=E,1695µm,0.6s	AML	AML		
SACS	comp=N,1280µm,0.8s	AML	AML		
SACS	comp=E,1735µm,0.6s	AML	AML		
PIEI	Pieia	0.79	337	↓	Pg
PIEI				S	Sb
PIEI	comp=E,1085µm,1.2s	AML	AML		

mbmp4.3/27,ML4.1/5,MS3.7/47,Error ellipse: s-maj=15.5km s-min=13.1km az=14.0, ISC 08.10:02.01.8.0.4,34.27N-0.05:69.35E:0.04,h24km,n206, c2511/196,mb4.4/45,MS3.7/47,9C-1D,Southeastern

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like KBL Kabul, CEP Cherat, THW Thammie Wali, etc.

Table with columns: Code, Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like RAMN Ramite, WMO WMO, WMO WMO, etc.

Table with columns: Code, Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like PRGR Permogore, KLMR Klimovskoe, AKASG Malin Array B, etc.

8d 10h

SML	Sawmill	2.54	162	P	Pn	10 18 53.5	-0.5
M23K	Glacier View	2.65	156	P	Pn	10 18 55.4	-0.1
SCRK	Sand Creek	2.66	93	Pn	Pn	10 18 54.6	-1.1
SCRK	comp=N,4um,0.8s				IAML	10 19 38.9	
SCRK	comp=E,4um,0.5s				IAML	10 19 38.8	
SCRK	Sand Creek	2.66	93	P	Pn	10 18 54.5	-1.2
PMR	Palmer	2.67	171	P	Pn	10 18 55.6	-0.1
DOT	Dot Lake	2.69	100	Pn	Pn	10 18 55.0	-1.1
SCM	Sheep Creek Mo	2.69	152	Pn	Pn	10 18 56.3	+0.2
SCM	comp=N,4um,0.8s				IAML	10 19 38.8	
SCM	comp=E,3um,1.0s				IAML	10 19 45.0	
SCM	Sheep Creek Mo	2.69	152	P	Pn	10 18 56.1	0.0
SCM	Sheep Creek Mo	2.69	152	P	Pn	10 18 56.3	+0.2
G24K	Hadweenciz Riv	2.71	221	Pn	Pn	10 18 55.9	-0.4
G21K	Allakaket	2.73	329	P	Pn	10 18 56.8	+0.2
M24K	Tolsona, Glenn	2.74	139	Pn	Pn	10 18 58.1	+1.3
M24K	Tolsona, Glenn	2.74	139	P	Pn	10 18 57.7	+0.9
M20K	Styx River	2.74	213	IAML		10 19 40.0	
M20K	comp=N,3um,0.8s				IAML	10 19 44.0	
M20K	Styx River	2.74	213	P	Pn	10 18 56.1	-0.8
SUA	Susitna One	2.79	187	IAML		10 19 47.4	
SUA	comp=E,3um,0.8s				IAML	10 19 47.4	
SUA	Susitna One	2.79	187	P	Pn	10 18 57.4	-0.1
J26L	Joseph Creek	2.82	81	IAML		10 19 45.4	
J26L	comp=N,3um,0.4s				IAML	10 19 45.9	
J26L	Joseph Creek	2.82	81	P	Pn	10 18 57.4	-0.5
HARP	HAARP	2.85	128	P	Pn	10 18 59.2	+0.9
KNK	Knik Glacier	2.91	165	IAML		10 19 48.2	
KNK	comp=E,3um,0.8s				IAML	10 19 48.2	
TNA	Tatalina	2.98	247	Pn	Pn	10 19 00.1	0.0
TTA	comp=N,3um,0.7s				IAML	10 19 52.3	
TTA	Tatalina	2.98	247	P	Pn	10 18 58.5	-1.6
TTA	comp=N,3um,0.8s				IAML	10 19 00.1	0.0
L19K	White Mountain	3.00	229	IAML		10 19 49.0	
L19K	White Mountain	3.00	229	P	Pn	10 18 58.4	-2.0
GCSA	Galena City Sc	3.02	283	P	Pn	10 19 00.1	-0.4
GCSA	Galena City Sc	3.02	283	P	Pn	10 18 60.0	-0.6
COLD	Coldfoot	3.02	359	Pn	Pn	10 19 01.2	+0.6
COLD	comp=N,3um,0.8s				IAML	10 19 00.8	+0.2
G25K	Bearman Lake	3.03	31	P	Pn	10 19 00.3	-0.4
M19K	Big River Log	3.06	223	IAML		10 19 49.7	
M19K	comp=N,3um,1.2s				IAML	10 19 50.3	
M19K	Big River Log	3.06	223	P	Pn	10 18 59.9	-1.3
FIS	Fire Island	3.09	182	IAML		10 19 01.4	-0.1
FIS	comp=N,3um,0.7s				IAML	10 20 06.5	
FIS	Fire Island	3.09	182	IAML		10 20 06.5	
FIS	comp=N,3um,0.7s				IAML	10 20 06.5	
FYU	Fort Yukon	3.09	38	IAML		10 19 01.4	-0.2
FYU	comp=N,4um,0.9s				IAML	10 19 52.3	
FYU	Fort Yukon	3.09	38	IAML		10 19 53.9	
FYU	comp=N,4um,0.7s				IAML	10 19 53.9	
MENT	Mentasta	3.09	112	IAML		10 20 00.2	
RC01	Rabbit Creek A	3.15	178	P	Pn	10 19 03.1	+0.8
RC01	Rabbit Creek A	3.15	178	P	Pn	10 19 02.7	+0.4
N20K	Mount Spurr	3.20	199	P	Pn	10 19 03.0	-0.1
SPCR	Spurr Chakacha	3.20	199	Pn	Pn	10 19 02.8	-0.2
L26K	Log Cabin Wild	3.21	109	P	Pn	10 19 03.5	+0.3
L26K	Log Cabin Wild	3.21	109	P	Pn	10 19 02.4	-0.8
KLU	Klutina	3.32	144	IAML		10 19 05.9	+1.2
KLU	comp=N,2um,0.9s				IAML	10 19 57.3	
KLU	Klutina	3.32	144	P	Pn	10 19 07.1	+1.4
F21K	Alatina River	3.34	336	P	Pn	10 19 05.8	+0.8
F22K	John River	3.42	346	P	Pn	10 19 06.9	+0.8
F24K	Squaw Lake	3.43	14	P	Pn	10 19 06.5	+0.3
PWL	Port Wells	3.46	166	Pn	Pn	10 19 07.3	+0.6
PWL	Port Wells	3.46	166	IAML		10 20 15.1	
PWL	Port Wells	3.46	166	P	Pn	10 19 07.8	+1.1
K27K	Chicken	3.48	90	IAML		10 20 06.5	
K27K	comp=N,2um,0.8s				IAML	10 20 09.1	
K27K	Chicken	3.48	90	P	Pn	10 19 06.0	-1.0
CAPN	Captain Cook N	3.50	189	P	Pn	10 19 08.6	+1.4
M25K	Chitina, Valde	3.61	134	P	Pn	10 19 10.2	+1.4
M26K	Nabesna, AK	3.65	117	IAML		10 20 14.4	
M26K	comp=N,3um,0.8s				IAML	10 20 16.4	
M26K	Nabesna, AK	3.65	117	P	Pn	10 19 09.4	0.0
DIV	Divide	3.67	146	Pn	Pn	10 19 10.3	+0.7
SLKM	Skilak Lake	3.73	182	P	Pn	10 19 11.1	+0.8
O22K	Cooper Landing	3.75	178	P	Pn	10 19 12.0	+1.3
G26K	Porcupine River	3.77	41	P	Pn	10 19 10.4	-0.4
L27K	Beaver Creek	3.83	104	IAML		10 20 17.7	
L27K	Beaver Creek	3.83	104	P	Pn	10 19 10.5	-1.2
F25K	Christian River	3.83	26	P	Pn	10 19 11.5	-0.3
I27K	Kandik River	3.83	65	P	Pn	10 19 11.1	-0.8
BCAR	Beaver Creek A	3.85	104	P	Pn	10 19 11.1	-0.9
E23K	Chandler	3.86	2	P	Pn	10 19 13.0	+0.8
EGAK	Eagle	3.87	78	Pn	Pn	10 19 11.8	-0.5
EGAK	Eagle	3.87	78	P	Pn	10 19 11.8	-0.5
BMAR	Burnt Mountain	3.92	32	Pn	Pn	10 19 12.6	-0.4
GLB	Gilahina Butte	3.93	192	P	Pn	10 19 15.0	+1.2
E22K	Anaktuvuk Pass	4.00	350	P	Pn	10 19 14.9	+0.8
N19K	Bonanza Creek	4.00	213	IAML		10 20 19.6	
N19K	comp=N,1um,1.4s				IAML	10 20 29.4	
N19K	Bonanza Creek	4.00	213	P	Pn	10 19 13.3	-0.9
SVW2	Sparrevohn	4.05	222	IAML		10 20 25.8	
SVW2	comp=N,2um,0.8s				IAML	10 20 28.4	
H27K	Steamboat Moun	4.10	57	P	Pn	10 19 15.0	-0.4

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baz=244	BMRM	Bremner River	4.11	140	Pn	Pn	10 19 16.4	+0.8
	BMRM	Bremner River	4.11	140	P	Pn	10 19 16.1	+0.5
	M27K	Drury Creek, AK	4.12	113	IAML		10 20 25.9	
	M27K	Edge Creek, AK	4.12	113	P	Pn	10 19 15.5	-0.3
	SEW	Seward	4.14	176	Pn	Pn	10 19 17.4	+1.5
	SEW	Seward	4.14	176	P	Pn	10 19 17.2	+1.3
	HIN	Hinchinbrook I	4.17	155	IAML		10 19 17.2	+0.7
	HIN	Hinchinbrook I	4.17	155	IAML		10 20 27.8	
	HIN	comp=N,1um,1.4s			IAML	10 20 36.2		
	EYAK	Cordova Ski Ar	4.18	150	P	Pn	10 19 17.6	+1.1
	F26K	Sheenik River	4.23	32	P	Pn	10 19 16.5	-0.7
	VRDI	Verde Repeater	4.26	132	IAML		10 19 18.6	+0.8
	VRDI	Verde Repeater	4.26	132	IAML		10 20 28.3	
	MCARA	McCarthy VSAT	4.29	128	Pn	Pn	10 19 19.9	+2.0
	MCARA	McCarthy VSAT	4.29	128	IAML		10 20 32.9	
	MCARA	McCarthy VSAT	4.29	128	P	Pn	10 19 20.1	+2.1
	E25K	Arctic Village	4.32	23	P	Pn	10 19 18.4	0.0
	O20K	Slope Mountain	4.33	198	P	Pn	10 19 19.6	+1.0
	G27K	Doyon Strip	4.34	50	P	Pn	10 19 17.8	-0.9
	GOAT	Goat Mountain	4.40	144	Pn	Pn	10 19 20.3	+0.7
	TOLK	Toolik Lake Re	4.44	2	IAML		10 20 39.7	
	TOLK	comp=E,774nm,0.8s			IAML	10 20 41.4		
	TOLK	Toolik Lake, N	4.44	2	P	Pn	10 19 21.9	+1.7
	BRLL	Bradley Lake	4.49	186	Pn	Pn	10 19 21.6	+0.8
	ILSW	Iliamna Southw	4.50	201	Pn	Pn	10 19 22.5	+1.5
	BVCY	Beaver Creek	4.50	110	P	Pn	10 19 20.1	-1.0
	BRSE	Bray Lake S	4.51	185	P	Pn	10 19 22.2	+1.1
	O19K	Port Alsworth	4.51	208	P	Pn	10 19 20.9	-0.2
	RAGM	Ragged Mountai	4.58	145	Pn	Pn	10 19 26.8	+4.7
	DAWY	Dawson	4.65	87	P	Pn	10 19 22.9	+0.2
	DAWY	Dawson	4.65	87	P	Pn	10 19 22.5	-0.6
	HMT	Hamilton	4.73	143	Pn	Pn	10 19 25.3	+1.2
	CNFM	China Poot	4.75	188	Pn	Pn	10 19 25.9	+1.6
	BALN	Baldy	4.77	129	Pn	Pn	10 19 25.9	+1.3
	D23K	Nanushuk River	4.78	357	P	Pn	10 19 26.3	+1.7
	P19K	Oil Pt	4.83	200	IAML		10 20 48.8	
	P19K	comp=N,723nm,1.1s			IAML	10 20 49.2		
	P19K	Oil Pt	4.83	200	P	Pn	10 19 25.4	-0.1
	BERG	Berg Lake	4.84	140	Pn	Pn	10 19 27.0	+1.4
	KIAG	Kiagna River	4.84	130	Pn	Pn	10 19 26.3	+0.5
	BARN	Barnard Glacie	4.99	126	Pn	Pn	10 19 29.3	+1.5
	YUK3	Moose Creek	5.00	115	P	Pn	10 19 27.3	-0.6
	O18K	Koktuh Hills	5.02	212	Pn	Pn	10 19 27.5	-0.6
	O18K	comp=N,819nm,0.8s			IAML	10 20 51.9		
	O18K	Koktuh Hills	5.02	212	P	Pn	10 19 27.7	-0.3
	I29M	Ogilvie Camp,	5.13	72	IAML		10 21 02.4	
	I29M	comp=N,734nm,0.8s			IAML	10 21 06.0		
	I29M	Ogilvie Camp,	5.13	72	P	Pn	10 19 29.4	-0.2
	J29M	Klondike Camp	5.13	82	P	Pn	10 19 29.5	-0.2
	E27K	Coleen River	5.24	37	P	Pn	10 19 30.5	-0.6
	D25K	Kavik River	5.32	14	P	Pn	10 19 33.6	+1.4
	L28M	29M	5.41	97	P	Pn	10 19 32.6	-0.8
	P18K	Big Mountain,	5.44	209	P	Pn	10 19 33.1	-0.8
	P18K	Big Mountain,	5.44	209	P	Pn	10 19 33.2	-0.6
	M29M	Somme Creek	5.50	104	P	Pn	10 19 33.9</	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGT IGToumenitsa, JAN JANina, KASA Kassiofi, etc.

TIR 08 10:56:07.0, 39.72N-20.40E, h0km, Md3.0, ML2.5
ATH 08 10:56:07.8, 39.67N-20.45E, h10km, 4km, ML2.5/8, Error ellipse: s-maj=4.5km s-min=0.9km az=184.0

THE 08 10:56:07.7, 39.74N-20.42E, h0km, 2km, ML2.5/12, Error ellipse: s-maj=2.9km s-min=0.7km az=308.0

ISC 08 10:56:07.8-1.0, 39.71N-20.02-20.43E:0.02, h4km, 9km, n14, o5677/60, Greece-Albania border region

Continuation of station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGT IGToumenitsa, JAN JANina, KASA Kassiofi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FNA comp=E,545um,0.5s, OHR Santa Cesarea, etc.

ROM 08 10:57:18.9-0.1, 42.564N-0.004E, 13.290E:0.005, h10km, ML1.7/12, 18C-10D, Error ellipse: s-maj=0.5km s-min=0.4km az=176.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMA1 SAN MARTINO, RM33 Pellescritta, T1218 Civita (PG), etc.

IDC 08 10:58:53.5:2.8, 43.55N:140.71E, h11km, 17km, mb4.0/22, mbmp4, 1/26, ML4.2/3, MS3.2/5, Error ellipse: s-maj=17.4km s-min=13.1km az=176.0

NIED 08 10:58:54.6, 43.54N:140.72E, h11km, MW4.2, Moment Tensor Solution. s3 Moment tensor: Scale 10^19N; M2:0.6; M3:0.47; M4:0.253; M5:0.13; M6:0.25; M7:0.38; Fault plane solution: M2,34000x10^15 NP1;

MOS 08 10:58:54.4:1.4, 43.61N:140.64E, h23km, mb4.6/11 Error ellipse: s-maj=9.1km s-min=6.9km az=98.9

JMA 08 10:58:54.6:0.1, 43.5N:0.2:140.7E:0.2, h11km, 1km, MD4.5/39, MW4.2/39, ISHIKARI BAY REGION

JMA Felt II J1 at ISHIKARI BAY REGION. NEIC 08 10:58:56.1:2.1, 43.58N:0.05:140.72E:0.0, h22km, 5km, mb4.6/40, Error ellipse: s-maj=8.4km s-min=7.8km az=115.0

SKHL 08 10:58:56.0:0.0, 43.60N:140.60E, h35km, 6km, mb4.5/3 ISC 08 10:58:54.5:0.9, 43.58N:0.03:140.70E:0.0, h12km, 6km, n186, o184/184, mb4.5/61, MS3.7/8, HC-8D, Hokkaido region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JISS Ishikarishtsu, JHR Hokuryu, JEW Eniwo, etc.

8d 11h

Table of astronomical observations for 8d 11h, listing station names (e.g., NJ2, HHK, BTO), coordinates, and various parameters like elevation and signal strength.

2016 DEC

Main table of astronomical observations for 2016 DEC, listing station names (e.g., MFID, BOZ, NVAR), coordinates, and various parameters like elevation and signal strength.

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Table of astronomical observations for 482, listing station names (e.g., KSRS, JCJ, USRK), coordinates, and various parameters like elevation and signal strength.

SOME 08 11:12:17.2, 43:87N-86:15E, h0km
NCC 08 11:12:19.0, 4.4, 43:91N-86:14E, h0km, mb3.8, mpv3.8,
Error ellipse: s-maj=10.5km s-min=5.4km az=119.0
ISC 08 11:12:21.8-2.6, 43:91N-0:09-86:0E:0.1, h17km, n18,
e:299,29,5C-4D, Northern Xinjiang

Table of astronomical observations for 482, listing station names (e.g., Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC), coordinates, and various parameters like elevation and signal strength.

8d 13h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FINES, ARCES, KULM, SPITS, NC405, NB2, GTOA, PETK, CONA, SOKA, OBKA, KBA, WTTA, WATA, SOTA, META, FETA, FUORN, TOLK, A36M, BMDR, ILAR, YKA, WRA, ASAR, DBIC, KIC, TIC, LIC, LPAZ, CPUP.

SOME 08 12:15:45.1, 43.97N-86.57E, h5km
NNC 08 12:15:51.8, 2.9, 43.83N-86.37E, h0km, mb3.5, mpv3.7,
Error ellipse: s-maj=20.5km s-min=1.9km az=120.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZSN, MAK31, MAK2, MAZ, DJR, PDGK, SHLS, UZB, KPKS, BLB.

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IDC 08 12:22:56.9, 1.3, 2.81N, 126.08E, h0km, mb3.8/4,
mbmp3.9/5, ML3.8/1, Error ellipse: s-maj=62.5km
s-min=17.6km az=67.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SGSI, NNTI, LBMI, GORANTO, SANI, MRSI, LUWI, SIJI, NLAI, APSI, MPSI, FITZ, WRA, ASAR, STKA, MKAR, MKAP.

DNK 08 12:39:57.9, 0.2, 58.39N x 13.79E, h0km, ML1.3 (UPP),
Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FKPU, NASU, ASKU, LNKU, BORU, EKSU.

UPP 08 12:39:52.8, 0.7, 59.06N x 10.09E, h0km, ML1.6, Suspected
Explosion

DNK 08 12:40:00.2, 1.2, 58.92N-10.94E, h0km, ML1.6 (UPP),
Suspected explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STRU, VANU, FINU, TJOU.

NNC 08 13:13:19.2, 2.6, 44.05N-85.99E, h0km, mb3.6, mpv3.6,
Error ellipse: s-maj=18.7km s-min=9.4km az=116.0

SOME 08 13:13:23.5, 44.20N-85.67E, h5km
ISC 08 13:13:23.8, 2.4, 44.20N-10.08, 85.6E:0.1, h10km, n20,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZSN, MK31, MAK31, MAZ, DJR, PDGK, SHLS, UZB, KPKS, BLB, SATY.

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

IDC 08 13:36:10.0, 1.6, 2.88S, 129.27E, h0km, mb3.8/2,
mbmp3.9/4, ML4.0/2, Error ellipse: s-maj=46.0km
s-min=26.7km az=86.0

DJA 08 13:36:13.5, 0.3, 3.3, 12.9E, h10km, M3.7/12, mb3.9/1,
mB5.7/1, MLV3.6/12, Mw(mB)4.6/4

ISC 08 13:36:13.2, 0.9, 2.80S, 129.27E:0.05, h28km, n13,
az=15/14, Seram

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSAI, FAKI, BNDI, NLAI, SIJI, LBMI, SANI, SGSI, WRA, ASAR, LWLI, MKAR.

WEL 08 13:36:53.2, 41.5, 177E, h17km, 7km, M2.0/12,
ML2.0/12, Error ellipse: s-maj=0.0km
s-min=0.0km az=84.5, North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANWZ, PHZ, PHZ, PHZ, PXZ, CPWZ, PRWZ, PNHZ, POWZ, TSZ, KAHZ, MRZ, BHHZ, OTVZ.

WEL 08 13:37:00.42, 27S-173.01E, h2km, ML4.1, Mw3.9,
Moment Tensor Solution, s5 Moment tensor: Scale 10^14
Nm; M1-0.42; M2=2.10; M3=2.34; M4=8.09;
M5=2.94; Fault plane solution: M9.170000; 10^14 NP1:
0.264, 0.0000; 0.74, 0.0000; -1, 16.0000; NP2:
0.264, 0.0000; 0.75, 0.0000; -1, 16.0000; Principal axes:
T -97.2, 100, P1g, 1000; Azm37.0000; N 86.2500,
Plg68.0000; Azm35.0000; P, 10.9600, Plg22.0000;
N 87.0000; P, 10.9600

WEL 08 13:37:30.3, 0.2, 42.5, 173E, h5km, ML4.1/39,
ML4.5/16, MLV4.1/39 Error ellipse: s-maj=0.0km
s-min=0.0km az=124.9, confirmed, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHZ, THZ, THZ, GVZ, LTZ, MRNZ, BSWZ, AMCZ, DSZ, CMWZ, PNZ, TUWZ, TKNZ, INZ, OXZ, CACS, TCW, QRZ, MQZ, DUWZ, RACZ, AKCZ, MHCZ, WEL, PLWZ, WVZ, WACZ, MSWZ, CAW, KIW, PAWZ, RPZ, ARZ, OGWZ, MTW, TRWZ, GCSZ, PRWZ, TMWZ, MRZ, TMZ, TIWZ, FOWZ, CAHZ, POWZ, PRWZ, NMEZ, WAZ, BFZ, WACZ, LREZ, LAKZ, NBEZ, KHEZ, NEZ, DVHZ, ARZ, DREZ, ODZ, MHEZ, PNHZ, VRZ, MTVZ, PKVZ, WNVZ, TRVZ, MHWZ, WHVZ, JCZ, FWVZ, TUVZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like BHZ, NGZ, SNVZ, etc.

IDC 08 13:40:07.6-2.1, 7.23S; 128.72E, h138km, 18km, mb3.4/4, mbtmp4.0/7, MS3.2/1, Error ellipse: s-maj=36.4km

ISC 08 13:40:04.6-0.8, 7.55S; 0.06; 129.13E; 0.10, h131km, n9, #293/12, mb3.6/4, Banda Sea

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

NEIC 08 14:30:42.1-2.7, 2.9S; 0.1; 128.4E; 0.1, h61km, 11km, mb4.2/10, Error ellipse: s-maj=17.9km s-min=12.2km az=51.0

DJA 08 14:30:44.7-0.5, 3.3S; 3.12E, h14km, 4km, M4.2/12, mb4.6/5, mbB4.6/1, MLV4.1/12, Mw(mb)3.8/1

IDC 08 14:30:48.0-2.0, 3.11S; 128.95E, h75km, 21km, mb3.7/6, mbtmp4.1/9, MS3.1/7, Error ellipse: s-maj=19.3km s-min=11.6km az=88.0

ISC 08 14:30:43.5-0.7, 3.01S; 0.04; 129.08E; 0.07, h33km, n40, #198/31, mb4.0/7, Seram

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like WRA, WB2, COEN, etc.

NOU 08 14:31:15.3, 41.17S; 172.54E, h215km, MLV3.9/12, South Island, New Zealand

WEL 08 14:31:19.2, 0.4, 8.1E; 5.5; 17.3E, h172km, 5km, M3.6/44, MLV3.6/44, Error ellipse: s-maj=0.0km s-min=0.0km

ISC 08 14:31:19.5, 6.3, 41.19S; 0.05; 172.52E; 0.06, h200km, n138, #08/160, South Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like CKHZ, MRHZ, NMHZ, etc.

IDC 08 14:31:40.3; 0.7, 29.19N; 129.35E, h0km, mb3.9/11, mbtmp3.9/15, ML3.3/4, MS3.5/11, Error ellipse: s-maj=24.8km s-min=13.7km az=103.0

NIED 08 14:31:40.5, 29.21N; 129.16E, h11km, MW4.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^5N/m; Mr=1.55; Ms=2.82; M=1.27; Ms=1.57; Mw=5.01; Fault plane solution: Ms=84000x10^15 NP1; #334.00000, #383.00000, #63.00000. NP2: #78.00000, #28.00000, #164.00000

JMA 08 14:31:40.5; 0.1, 29.21N; 0.3; 129.2E; 0.9, h1km, MV3.7/25, #147.00000, #147.00000, #147.00000

JMA Feil III 11 at NEAR TOKARA ISLANDS. NEIC 08 14:31:43.4; 4.1, 29.15N; 0.06; 129.1E; 0.1, h27km, 6km, mb4.5/20, Error ellipse: s-maj=18.3km s-min=7.8km az=107.0

ISC 08 14:31:41.1; 0.9, 29.16N; 0.03; 129.28E; 0.05, h9km, 5km, n68, #116/72, mb4.4/20, MS3.3/5, Ryukyu Islands

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for Alice Springs, Yulon Array, Burnt Mountain, etc.

IDC 08 14:32:47.0-9.4, 177.15N-172.91W, h0km, mb3.4/2, mbmp3.4/2, Error ellipse: s-maj=462.8km s-min=70.8km az=144.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, BRTR Keskin Array B, etc.

IDC 08 14:34:48.0-7.34, 179N-69.35E, h0km, mb3.9/19, mbmp3.9/24, ML3.6/5, MS3.2/10, Error ellipse: s-maj=16.7km s-min=14.7km az=36.0 NEIC 08 14:34:51.9-2.6, 34.22N-0.04-69.1E, 0.1, h1km, 5km, mb4.2/11, Error ellipse: s-maj=13.7km s-min=4.3km az=68.0 NDI 08 14:34:52.1-0.9, 33.90N-69.08E, h10km, ML4.4, mb4.2(NEIC)

IDC 08 14:34:50.1-0.5, 34.17N-0.05-69.24E, 0.05, h10km, n82, r188/85, mb4.0/22, MS3.0/6, Southeastern Afghanistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for KBL Kabul, CEP Cherat, THW Thamme Wali, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for KURBB Kurchatov Arra, KURBB Kurchatov, KURK Kurchatov, HYBB Hyderabad (bro), etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for JMA 08 14:42:22.6, NEAR TOKARA ISLANDS, JMA Felt II J1, etc.

ATH 08 14:47:33.6, 37.39N-20.54E, h5km, 2km, ML2.5/5, Error ellipse: s-maj=3.2km s-min=1.9km az=49.0 THE 08 14:47:36.8, 37.54N-20.67E, h5km, 4km, ML2.5/4, Error ellipse: s-maj=3.1km s-min=1.1km az=34.0

ISC 08 14:47:35.1-2.5, 37.46N-0.10-20.59E, 0.07, h9km, 13km, n15, 40f6/26, Ionian Sea

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

NCEDC 08 14:49:43.9-7.5, 40.34N-0.06-126.62W, 0.07, h23km, 3km, Error ellipse: s-maj=8.7km s-min=7.9km az=217.0 NEIC 08 14:49:43.2, 40.39N-126.65W, h33km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; M0:1.03; Mw=0.6; Ms=0.54; M2=0.3; Mw=5.28; Mw=0.07; Fault plane solution: Ms5.81000x10^18 NP1:182.97000; 866.41000; -0.78000; NP2:273.29000; 889.29000; -1.5641000; Principal axes: T: 5.6822, Plg16.0000; Azm46.0000; N: 0.2487, Plg66.0000; Azm275.0000; P: -5.9309, Plg17.0000; Azm141.0000;

IDC 08 14:49:44.9-0.3, 40.54N-126.16W, h0km, mb5.3/4/6, mbmp5.3/5, ML5.1/7, MS6.2/87 Error ellipse: s-maj=8.8km s-min=6.3km az=20.0

BUI 08 14:49:44.0-0.0, 40.51N-126.20W, h10km, mb5.4/6/8, mb6.1/66, MS6.5/86, MS7.6/4/83

MOS 08 14:49:45.1-1.1, 40.43N-126.17W, h10km, mb6.1/67, MS6.2/85, Error ellipse: s-maj=6.5km s-min=4.5km az=95.2

NEIC 08 14:49:45.9-2.2, 40.45N-126.19W, 0.07, h8km, 2km, mb6.2/642, ML5.9/68, Ms 2.0/6.3/390, Mw6.5/65, Mw6.6, Mw6.5/5(NCEDC), Error ellipse: s-maj=8.7km s-min=7.3km az=220.0, Moment Tensor Solution, Moment tensor: Scale 10^18Nm; M0:1.2; Mw=0.16; Mw=0.04; Mw=0.77; Mw=7.59; Mw=0.46; Fault plane solution: Ms7.64000x10^18 NP1:270.20000; 886.51000; 1.74.16000; NP2:0.56000; 884.18000; -1.3.51000; Principal axes: T: 7.6269, Plg70000; Azm225.0000; N: 0.0301, Plg63.0000; Azm59.0000; P: -7.6570, Plg2.0000; Azm315.0000;

ISC-EH 08 14:49:46.8, 40.38N-126.31W, h10km, Error ellipse: s-maj=2.6km s-min=1.5km az=25.0

GCMT 08 14:49:52.9-0.0, 40.46N-126.46W, h21km, MW6.6/173, Moment Tensor Solution, s170,c452; s173,c815; Duration: 5s1 Moment tensor: Scale 10^19Nm; Mw=0.13; Mw=0.01; Mw=0.13; Mw=0.13; Mw=0.04; Mw=0.1; Mw=1.1; Mw=0.2; Mw=0.2; Best double couple: M0:1.47000x10^19 NP1:181.00000; 886.00000; -1.4.00000; NP2:272.00000; 876.00000; -1.176.00000; Principal axes: T: 1.1970, Plg7.0000; Azm228.0000; N: 0.1000, Plg21.0000; Azm320.0000; P: -1.0970, Plg13.0000; Azm136.0000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 08 14:50:00.40, 58N-126.28W, h12km, Moment Tensor Solution, Duration: 28s0, Moment tensor: Scale 10^19Nm; Mw=0.12; Mw=0.06; Mw=0.17; Mw=0.40; Mw=1.01; Mw=1.2; Fault plane solution: Ms1.11000x10^19 NP1: 0.200000; 869.00000; -1.9.00000; NP2:95.00000; 881.00000; -1.58.00000; Principal axes: T: 1.1062, Plg9.0000; Azm227.0000; N: 0.0010, Plg67.0000; Azm16.0000; P: -1.1073, Plg21.0000; Azm320.0000;

ISC 08 14:49:47.0-0.3, 40.53N-126.28W, 0.02, h11km, 1km, h11km; PP-N1981, -2524/2143, mb6.1/500, MS6.3/359, 107C-912, Off coast of northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for JTAJ Takarajima, JAM Amami Oshima, JMN Nakanoshima, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like KCTM, KSMK, KMPM, JCC, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like OSI, FURC, LRMK, ELK, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like TUC, TUCSON, TUC, SMC, etc.

N25K	S	S	14 59 22.6	+3.7	
Z35A	Perchaven, San	24.19 98	Iamb	Iamb	14 55 12.6
Z35A	Perchaven, San	24.19 98	P	P	14 55 03.5 -0.2
Z35A	Perchaven, San	24.19 98	S	S	14 59 18.5 -3.3
M26K	Nabesna, AK	24.27 341	IAMS_20	IAMS_20	15 02 33.9
M26K	Nabesna, AK	24.27 341	P	P	14 55 03.1 -1.1
KDAK	Kodiak Island	24.27 325	P	P	14 55 02.8 -1.4
KDAK	Kodiak Island	24.27 325	S	S	14 59 13.5 -9.1
KDAK	Kodiak Island	24.27 325	P	P	14 55 02.7 -1.5
KDAK	Kodiak Island	24.27 325	P	P	14 55 04.6 +0.4
KDAK	Kodiak Island	24.27 325	P	P	14 55 05.1 +0.9
KDAK	Kodiak Island	24.27 325	P	P	14 55 03.5 -0.7
KDAK	Kodiak Island	24.27 325	MLR	MLR	
OHAK	Old Harbor	24.28 323	P	P	14 55 03.7 -0.5
TUL1	Leonard	24.32 91	P	P	14 55 04.6 -0.3
TUL1	Leonard	24.32 91	S	S	14 59 27.8 +3.9
TUL1	Leonard	24.32 91	P	P	14 55 04.2 -0.7
TUL1	Leonard	24.32 91	S	S	14 59 28.7 +4.8
KLU	Klutina	24.33 337	P	P	14 55 04.3 -0.5
KLU	Klutina	24.33 337	S	S	14 59 26.9 +3.2
F36A	Milaca	24.43 66	Iamb	Iamb	14 55 17.3
F36A	Milaca	24.43 66	P	P	14 55 04.9 -0.9
F36A	Milaca	24.43 66	S	S	14 59 28.7 +3.3
K29M	Barlow Dome	24.44 348	P	P	14 55 05.2 -0.7
K29M	Barlow Dome	24.44 348	S	S	14 59 29.4 +3.8
B35A	Bob, Littlefor	24.47 60	Iamb	Iamb	14 55 22.5
B35A	Bob, Littlefor	24.47 60	P	P	14 55 04.1 -2.0
B35A	Bob, Littlefor	24.47 60	S	S	14 59 30.0 +4.0
SEW	Seward	24.48 332	Iamb	Iamb	14 55 19.1
SEW	Seward	24.48 332	P	P	14 55 04.7 -1.3
SEW	Seward	24.48 332	S	S	14 59 30.4 +4.6
I37B	Waseca	24.54 71	P	P	14 55 06.6 -0.2
I37B	Waseca	24.54 71	S	S	14 59 32.4 +5.1
L27K	Beaver Creek	24.56 343	IAMS_20	IAMS_20	15 02 47.5
L27K	Beaver Creek	24.56 343	P	P	14 55 05.8 -1.1
PWL	Port Wells	24.62 334	Iamb	Iamb	14 55 30.2
PWL	Port Wells	24.62 334	IAMS_20	IAMS_20	15 02 12.7
PWL	Port Wells	24.62 334	P	P	14 55 06.3 -1.1
PWL	Port Wells	24.62 334	S	S	14 59 32.2 +4.0
WHTX	Lake Whitney	24.64 101	P	P	14 55 08.5 +0.7
WHTX	Lake Whitney	24.64 101	S	S	14 59 32.9 +3.9
WHTX	Lake Whitney	24.64 101	P	P	14 55 08.5 +0.7
WHTX	Lake Whitney	24.64 101	S	S	14 59 31.4 +2.4
Q20K	Shuyak Island	24.67 326	P	P	14 55 06.9 -0.9
Q20K	Shuyak Island	24.67 326	S	S	14 59 35.5 +6.4
BRSE	Bradley Lake S	24.71 330	P	P	14 55 06.9 -1.3
BRSE	Bradley Lake S	24.71 330	S	S	14 59 37.4 +7.6
CNPM	China Foot	24.76 329	Iamb	Iamb	14 55 19.4
BRLL	Bradley Lake	24.78 330	Iamb	Iamb	14 55 29.8
RLO	Rose Lookout	24.82 90	Iamb	Iamb	14 55 21.4
HARP	HAARP	24.83 339	P	P	14 55 10.9 +1.6
HARP	HAARP	24.83 339	S	S	14 59 36.2 +4.5
O22K	Cooper Landing	24.83 332	IAMS_20	IAMS_20	15 02 18.8
O22K	Cooper Landing	24.83 332	P	P	14 55 07.7 -1.6
O22K	Cooper Landing	24.83 332	S	S	14 59 33.1 +1.5
SCIA	State Center	24.87 76	IAMS_20	IAMS_20	15 05 06.4
SCIA	State Center	24.87 76	P	P	14 55 10.6 +0.8
SCIA	State Center	24.87 76	P	P	14 55 10.0 +0.2
SCIA	State Center	24.87 76	S	S	14 59 34.3 +1.8
L26K	Log Cabin Wild	24.89 341	IAMS_20	IAMS_20	15 03 04.4
L26K	Log Cabin Wild	24.89 341	P	P	14 55 08.9 -0.8
L26K	Log Cabin Wild	24.89 341	S	S	14 59 36.1 +3.6
M24K	Tolsona, Glenn	24.89 338	Iamb	Iamb	14 55 22.4
M24K	Tolsona, Glenn	24.89 338	P	P	14 55 08.4 -1.5
M24K	Tolsona, Glenn	24.89 338	S	S	14 59 37.2 +4.6
MENT	Mentasta	24.90 341	Iamb	Iamb	14 55 23.7
SPMN	Marine on St.	24.93 68	Iamb	Iamb	14 55 16.1
SPMN	Marine on St.	24.93 68	P	P	14 55 10.3 0.0
SPMN	Marine on St.	24.93 68	S	S	14 59 36.5 +2.9
SPMN	Marine on St.	24.93 68	P	P	14 55 11.7 +1.4
SPMN	Marine on St.	24.93 68	S	S	14 59 37.4 +3.9
DAWY	Dawson	24.97 346	Iamb	Iamb	14 55 25.2
DAWY	Dawson	24.97 346	P	P	14 55 08.7 -1.8
DAWY	Dawson	24.97 346	S	S	14 59 37.8 +4.0
DAWY	Dawson	24.97 346	P	P	14 55 09.3 -1.2
DAWY	Dawson	24.97 346	P	P	14 55 09.7 -1.2
HOM	Homer	25.01 329	S	S	14 59 39.0 +4.6
SCM	Sheep Creek Mo	25.02 336	IAMS_20	IAMS_20	15 02 51.2
SCM	Sheep Creek Mo	25.02 336	P	P	14 55 09.0 -2.1
SCM	Sheep Creek Mo	25.02 336	S	S	14 59 37.9 +3.1
N38A	Joess South For	25.02 78	P	P	14 55 10.2 -1.0
P38A	Dawn	25.02 81	P	P	14 55 10.7 -0.5
P38A	Dawn	25.02 81	S	S	14 59 38.9 +3.8
KNK	Knik Glacier	25.06 335	Iamb	Iamb	14 55 21.9
KNK	Knik Glacier	25.06 335	IAMS_20	IAMS_20	15 02 29.5

KNK	Knik Glacier	25.06 335	P	P	14 55 10.2 -1.2
KNK	Knik Glacier	25.06 335	S	S	14 59 40.0 +4.5
K38A	Parkersburg	25.11 74	P	P	14 55 12.1 +0.2
K38A	Parkersburg	25.11 74	S	S	14 59 40.1 +3.7
M23K	Glacier View	25.11 336	P	P	14 55 11.0 -0.8
M23K	Glacier View	25.11 336	S	S	14 59 40.4 +4.2
X37A	Clayton	25.12 93	Iamb	Iamb	14 55 38.4
X37A	Clayton	25.12 93	P	P	14 55 12.8 +0.7
X37A	Clayton	25.12 93	S	S	14 59 43.6 +6.9
J29M	Klondike Camp	25.12 348	Iamb	Iamb	14 55 25.9
J29M	Klondike Camp	25.12 348	P	P	14 55 10.4 -1.5
J29M	Klondike Camp	25.12 348	S	S	14 59 38.7 +2.3
435B	Jarrell	25.12 103	IAMS_20	IAMS_20	15 05 33.0
435B	Jarrell	25.12 103	P	P	14 55 13.2 +1.0
435B	Jarrell	25.12 103	S	S	14 59 41.1 +4.2
435B	Jarrell	25.12 103	P	P	14 55 11.4 -0.8
435B	Jarrell	25.12 103	S	S	14 59 41.2 +4.3
833A	Chaparral WMA	25.13 110	Iamb	Iamb	14 55 23.8
833A	Chaparral WMA	25.13 110	P	P	14 55 13.7 +1.5
833A	Chaparral WMA	25.13 110	P	P	14 55 12.7 +0.4
833A	Chaparral WMA	25.13 110	S	S	14 59 42.1 +5.1
H06N1	SOCORRO T-PHASE5	14 144	T	T	15 22 15.5
U38A	Gravette	25.22 89	P	P	14 55 12.9 -0.2
U38A	Gravette	25.22 89	S	S	14 59 40.4 +2.1
RC01	Rabbit Creek A	25.26 333	Iamb	Iamb	14 55 32.4
RC01	Rabbit Creek A	25.26 333	IAMS_20	IAMS_20	15 02 32.8
RC01	Rabbit Creek A	25.26 333	P	P	14 55 12.3 -0.8
RC01	Rabbit Creek A	25.26 333	S	S	14 59 43.9 +5.4
SML	Sawmill	25.32 335	Iamb	Iamb	14 55 24.6
SML	Sawmill	25.32 335	IAMS_20	IAMS_20	15 02 38.0
SML	Sawmill	25.32 335	P	P	14 55 12.9 -0.8
SML	Sawmill	25.32 335	S	S	14 59 44.3 +4.9
PAX	Paxson	25.38 339	P	P	14 55 13.5 -0.8
PAX	Paxson	25.38 339	S	S	14 59 44.9 +4.3
Q19K	Cape Douglas	25.39 326	IAMS_20	IAMS_20	15 02 33.1
Q19K	Cape Douglas	25.39 326	P	P	14 55 14.1 -0.3
PMR	Palmer	25.42 334	Iamb	Iamb	14 55 28.3
PMR	Palmer	25.42 334	P	P	14 55 13.8 -0.7
PMR	Palmer	25.42 334	S	S	14 59 45.3 +4.4
K27K	Chicken	25.46 344	Iamb	Iamb	14 55 31.0
K27K	Chicken	25.46 344	IAMS_20	IAMS_20	15 03 25.3
K27K	Chicken	25.46 344	P	P	14 55 13.6 -1.4
FIS	Fire Island	25.47 333	IAMS_20	IAMS_20	15 02 39.2
GHO	Glory Hole Cre	25.48 335	Iamb	Iamb	14 55 26.4
GHO	Glory Hole Cre	25.48 335	IAMS_20	IAMS_20	15 02 43.4
CAPN	Captain Cook N	25.55 331	IAMS_20	IAMS_20	15 02 42.5
CAPN	Captain Cook N	25.55 331	P	P	14 55 14.6 -1.1
CAPN	Captain Cook N	25.55 331	S	S	14 59 49.1 +6.2
P19K	Oil Pt	25.64 328	P	P	14 55 16.3 -0.3
P19K	Oil Pt	25.64 328	S	S	14 59 46.3 +1.7
O20K	Slope Mountain	25.66 329	P	P	14 55 16.1 -0.7
O20K	Slope Mountain	25.66 329	S	S	14 59 49.7 +4.7
S39A	Bolivar	25.66 85	Iamb	Iamb	14 55 24.6
S39A	Bolivar	25.66 85	S	S	14 59 49.1 +3.9
WAT6	Susitna Watana	25.72 337	P	P	14 55 17.5 0.0
WAT6	Susitna Watana	25.72 337	S	S	14 59 49.5 +3.5
ILSW	Iliamna Southw	25.80 329	Iamb	Iamb	14 55 28.5
E38A	The Farm, Brul	25.81 64	Iamb	Iamb	14 55 37.4
E38A	The Farm, Brul	25.81 64	P	P	14 55 18.6 +0.3
E38A	The Farm, Brul	25.81 64	S	S	14 59 47.9 +0.4
Q18K	Katmai Hardscr	25.82 325	P	P	14 55 17.7 -0.7
Q18K	Katmai Hardscr	25.82 325	S	S	14 59 50.6 +3.0
SCRK	Sand Creek	25.85 342	Iamb	Iamb	14 55 33.5
SCRK	Sand Creek	25.85 342	IAMS_20	IAMS_20	15 03 34.7
SCRK	Sand Creek	25.85 342	P	P	14 55 17.5 -1.1
SCRK	Sand Creek	25.85 342	S	S	14 59 51.1 +3.2
M22K	Willow	25.86 334	Iamb	Iamb	14 55 32.3
M22K	Willow	25.86 334	P	P	14 55 16.5 -2.1
M22K	Willow	25.86 334	S	S	14 59 50.9 +3.0
SUA	Susitna One	25.87 333	Iamb	Iamb	14 55 32.1
SUA	Susitna One	25.87 333	P	P	14 55 17.1 -1.8
SUA	Susitna One	25.87 333	S	S	14 59 51.5 +3.1
EYMN	Ely	25.92 61	P	P	14 55 19.6 +0.3
EYMN	Ely	25.92 61	S	S	14 59 47.8 -1.4
EYMN	Ely	25.92 61	P	P	14 55 17.0 -2.2
EYMN	Ely	25.92 61	S	S	14 59 49.4 +0.3
R17K	Ugashik Creek	25.93 322	P	P	14 55 17.3 -2.0
R17K	Ugashik Creek	25.93 322	S	S	14 59 50.1 +0.9
EGAK	Eagle	25.94 345	Iamb	Iamb	14 55 35.2
EGAK	Eagle	25.94 345	P	P	14 55 18.5 -0.7
EGAK	Eagle	25.94 345	S	S	14 59 54.1 +4.9
Z38A	Mt. Pleasant	25.94 96	P	P	14 55 20.0 +0.4
Z38A	Mt. Pleasant	25.94 96	S	S	14 59 53.8 +4.0
735A	Kenedy	25.98 107	P	P	14 55 22.2 +2.3

735A	S	S	14 59 57.0	+6.6	
I29M	Ogilvie Camp	25.99 348	IAMS_20	IAMS_20	15 04 26.0
I29M	Ogilvie Camp				

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V55A	baz=291,SNR=90	P	P	14 56 42.9	-0.6	
R55A	baz=291,SNR=90	35.46	78	I Amb	I Amb	14 56 52.5
R55A	comp=Z,450nm,0.9s	35.46	78	P	P	14 56 42.9 -0.7
R55A	Marlinton					
R55A	baz=288,SNR=91	P	P	14 56 42.9	-0.7	
R55A	baz=288,SNR=91	S	S	15 02 18.5	-0.1	
R55A	baz=288	S	S	15 02 18.5	-0.1	
WVNY	West Valley, N	35.46	71	P	P	14 56 41.9 -1.7
M55A	baz=283,SNR=34	35.57	72	P	P	14 56 44.3 -0.2
M55A	baz=285,SNR=71	P	P	14 56 44.3	-0.2	
M55A	baz=285	S	S	15 02 23.7	+3.5	
M55A	baz=285	S	S	15 02 23.7	+3.5	
BLA	Blacksburg	35.58	80	I Amb	I Amb	14 56 52.5
BLA	comp=Z,431m,18.0s	I AMs_20	I AMs_20	15 10 01.3		
BLA	Blacksburg	35.58	80	P	P	14 56 44.3 -0.4
BLA	baz=290,SNR=38	35.58	80	P	P	14 56 45.6 +1.0
BLA	Blacksburg					
BLA	baz=290,SNR=38	S	S	15 02 22.0	+1.6	
KMSC	baz=290	35.62	84	P	P	14 56 45.0 0.0
KMSC	Kings Mountain	35.62	84	P	P	14 56 45.8 +0.8
KMSC	baz=292,SNR=91	S	S	15 02 19.2	-1.8	
CMIG	Matias Romero	35.68	121	LR	LR	15 12 32.5
J55A	Hilton	35.84	69	I Amb	I Amb	14 56 55.7
J55A	Hilton	35.84	69	P	P	14 56 46.0 -0.8
J55A	baz=282,SNR=16	P	P	14 56 46.0	-0.8	
J55A	baz=282,SNR=16	P	P	14 56 46.0	-0.8	
MMNY	Mt. Morris Dam	35.89	70	I Amb	I Amb	14 57 01.1
U56A	King	35.90	81	I Amb	I Amb	14 56 56.2
U56A	King	35.90	81	P	P	14 56 46.9 -0.5
U56A	baz=291,SNR=12	P	P	14 56 46.9	-0.5	
Q56A	Snyder Ridge	35.92	76	P	P	14 56 46.6 -0.9
Q56A	baz=288,SNR=56	S	S	15 02 27.8	+2.2	
Q56A	baz=288	S	S	15 02 27.8	+2.2	
JSC	Jenkinsville	36.01	85	I Amb	I Amb	14 56 59.5
JSC	Jenkinsville	36.01	85	P	P	14 56 48.9 +0.6
JSC	baz=293,SNR=62	36.06	89	S	S	15 02 30.7 +3.0
ADK	Adak	36.10	306	P	P	14 56 47.8 -1.1
ADK	comp=Z,426nm,1.2s	36.10	306	I Amb	I Amb	14 56 59.8
ADK	Adak	36.10	306	P	P	14 56 48.6 -0.2
ADK	Adak	36.10	306	P	P	14 56 48.3 -0.6
ADK	Adak	36.10	306	P	P	14 56 47.8 -1.1
ADK	comp=Z,425nm,1.2s					
HAW	Hawthorne Fire	36.11	87	P	P	14 56 47.6 -1.5
L56A	Greenwood	36.28	71	P	P	14 56 50.5 -0.2
L56A	baz=284,SNR=85	P	P	14 56 50.5	-0.2	
SSPA	Standing Stone	36.43	73	P	P	14 56 50.0 -1.8
SSPA	Standing Stone	36.43	73	P	P	14 56 50.8 -1.0
SSPA	baz=286,SNR=65	S	S	15 02 36.7	+3.5	
SSPA	Standing Stone	36.43	73	P	P	14 56 52.0 +0.2
SSPA	baz=286	S	S	15 02 31.5	-1.7	
SSPA	Standing Stone	36.43	73	P	P	14 56 50.8 -1.0
BIRD	Birdtown, Kers	36.47	84	I Amb	I Amb	14 56 59.9
BIRD	Birdtown, Kers	36.47	84	P	P	14 56 53.4 +1.1
S57A	Dark Hollow, R	36.50	78	I Amb	I Amb	14 57 00.3
S57A	Dark Hollow, R	36.50	78	P	P	14 56 52.3 -0.2
S57A	baz=289,SNR=109	P	P	14 56 52.3	-0.2	
J56A	Wolcott	36.52	69	I Amb	I Amb	14 57 01.6
J56A	Wolcott	36.52	69	S	S	15 02 39.7 +5.1
J56A	baz=283	S	S	15 02 39.7	+5.1	
T57A	Hurt	36.53	80	P	P	14 56 51.5 -1.2
T57A	baz=290,SNR=30	P	P	14 56 51.5	-1.2	
T57A	baz=290,SNR=30	S	S	15 02 37.7	+2.9	
T57A	baz=290	S	S	15 02 37.7	+2.9	
W57A	Gilead	36.63	83	I Amb	I Amb	14 57 04.6
W57A	Gilead	36.63	83	P	P	14 56 52.7 -1.0
W57A	baz=292,SNR=59	S	S	15 02 38.0	+1.5	
W57A	baz=292	S	S	15 02 38.0	+1.5	
P57A	Homestead Farm	36.66	75	I Amb	I Amb	14 57 01.5
P57A	Homestead Farm	36.66	75	P	P	14 56 52.8 -1.0
P57A	baz=288,SNR=86	S	S	15 02 39.8	+2.9	
P57A	baz=288	S	S	15 02 39.8	+2.9	
M57A	Sunshine Farm	36.79	72	P	P	14 56 53.3 -1.7
M57A	baz=285,SNR=44	S	S	14 56 53.3	-1.7	
M57A	baz=285,SNR=44	P	P	15 02 41.9	+3.0	
M57A	baz=285	S	S	15 02 41.9	+3.0	
V58A	Windy Hill, Pi	37.06	82	I Amb	I Amb	14 57 08.4
V58A	Windy Hill, Pi	37.06	82	P	P	14 56 56.7 -0.6
V58A	baz=292,SNR=91	P	P	14 56 56.7	-0.6	
J57A	Williamstown	37.10	68	S	S	15 02 43.4 0.0
J57A	baz=283	S	S	15 02 43.4	0.0	
656A	Willston	37.19	93	P	P	14 56 56.1 -2.3
WCNY	West Carthage	37.22	67	P	P	14 56 56.9 -1.6
WCNY	baz=283,SNR=22	S	S	15 02 48.1	+2.8	
N58A	Sunbury	37.23	73	P	P	14 56 57.8 -0.8
N58A	baz=286,SNR=50	P	P	14 56 57.8	-0.8	
N58A	baz=286,SNR=50	S	S	15 02 38.1	-7.4	
N58A	baz=286	S	S	15 02 38.1	-7.4	

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R58B	Mineral	37.24	78	I Amb	I Amb	14 57 06.7
R58B	Mineral	37.24	78	P	P	14 56 57.7 -1.0
R58B	baz=289,SNR=48	P	P	14 56 57.7	-1.0	
NHSC	New Hope	37.31	86	I AMs_20	I AMs_20	15 12 00.5
NHSC	New Hope	37.31	86	P	P	14 56 59.5 +0.1
NHSC	New Hope	37.31	86	P	P	15 02 44.3 -2.4
RES	Resolute Bay	37.33	13	P	P	14 56 57.3 -1.8
RES	Resolute Bay	37.33	13	P	P	15 11 17.3
RES	Resolute Bay	37.33	13	P	P	14 56 56.3 -2.7
RES	Resolute Bay	37.33	13	P	P	14 56 57.2 -1.8
X58A	Rowland	37.36	84	I Amb	I Amb	14 57 08.2
Y58A	Rowland	37.37	85	I Amb	I Amb	14 57 07.9
BINY	Binghamton	37.40	70	I Amb	I Amb	14 56 59.1 -1.0
BINY	Binghamton	37.40	70	P	P	14 57 00.5 +0.4
BINY	Binghamton	37.40	70	P	P	15 02 48.8 +0.7
CBN	Corbin Frederi	37.53	77	P	P	14 57 01.0 -0.3
CBN	Corbin Frederi	37.53	77	P	P	14 57 02.0 +0.8
CBN	Corbin Frederi	37.53	77	S	S	15 02 51.7 +1.6
TRQ	Mont Tremblant	37.55	63	I Amb	I Amb	14 57 05.0
SDMD	Soldier's Deli	37.55	75	I Amb	I Amb	14 57 09.6
SDMD	Soldier's Deli	37.55	75	P	P	14 57 03.6 +2.2
J58A	Remsen	37.62	68	I Amb	I Amb	14 57 10.6
J58A	Remsen	37.62	68	P	P	14 57 01.1 -0.9
J58A	Remsen	37.62	68	P	P	15 02 52.6 +1.2
J58A	Remsen	37.62	68	S	S	15 02 52.6 +1.2
KSPA	Keystone Cole	37.72	71	I Amb	I Amb	14 57 29.8
KSPA	Keystone Cole	37.72	71	P	P	14 57 01.9 -0.9
MVL	Millersville	37.73	74	I Amb	I Amb	14 57 13.3
T59A	Double "B" Far	37.81	79	I Amb	I Amb	14 57 15.0
T59A	Double "B" Far	37.81	79	P	P	14 57 03.0 -0.6
T59A	Double "B" Far	37.81	79	P	P	14 57 03.0 -0.6
LONY	Lake Ozonia	37.84	66	I Amb	I Amb	14 57 11.2
LONY	Lake Ozonia	37.84	66	P	P	14 57 05.4 +1.6
LONY	Lake Ozonia	37.84	66	S	S	15 02 56.5 +1.8
TEIG	Tepec	38.08	110	P	P	14 57 05.8 -0.1
TEIG	Tepec	38.08	110	P	P	14 57 06.3 +0.3
CCIG	Comitan	38.08	119	P	P	14 57 08.9 +2.6
L59A	Walton	38.08	70	I Amb	I Amb	14 57 14.5
L59A	Walton	38.08	70	P	P	14 57 03.5 -2.4
L59A	Walton	38.08	70	P	P	14 57 03.5 -2.4
J59A	Piesco	38.15	68	I Amb	I Amb	14 57 12.7
J59A	Piesco	38.15	68	P	P	14 57 05.3 -1.1
J59A	Piesco	38.15	68	P	P	14 57 05.3 -1.1
J59A	Piesco	38.15	68	S	S	15 03 02.7 +3.3
J59A	Piesco	38.15	68	S	S	15 03 02.7 +3.3
CNNC	Cliffs of the	38.20	82	I AMs_20	I AMs_20	15 14 29.7
CNNC	Cliffs of the	38.20	82	P	P	14 57 08.0 +1.2
CNNC	Cliffs of the	38.20	82	S	S	15 03 02.4 +2.2
NCB	Newcomb	38.23	67	I Amb	I Amb	14 57 14.7
WUPA	West Chester U	38.30	74	I Amb	I Amb	14 57 15.4
GEDE	Greenville	38.31	74	P	P	14 57 08.4 +0.6
MNTQ	Montreal, Queb	38.32	64	I Amb	I Amb	14 57 16.1
T60A	Surry	38.37	78	P	P	14 57 09.6 +1.3
T60A	Surry	38.37	78	P	P	14 57 09.6 +1.3
Y60A	Bolivia	38.43	84	I Amb	I Amb	14 57 17.6
TUPA	Temple Univers	38.54	73	P	P	14 57 10.2 +0.6
DWPF	Disney Wildern	38.65	94	P	P	14 57 08.4 -2.4
DWPF	Disney Wildern	38.65	94	I Amb	I Amb	14 57 19.0
DWPF	Disney Wildern	38.65	94	I AMs_20	I AMs_20	15 13 23.7
DWPF	Disney Wildern	38.65	94	P	P	14 57 10.9 +0.2
DWPF	Disney Wildern	38.65	94	S	S	15 03 07.5 +0.3
DWPF	Disney Wildern	38.65	94	eP	eP	14 57 12.6 +1.8
DWPF	Disney Wildern	38.65	94	I Amb	I Amb	14 57 19.7
DWPF	Disney Wildern	38.65	94	P	P	14 57 12.3 +1.5
ODNJ	Ogdensburg	38.69	72	I Amb	I Amb	14 57 19.6
ODNJ	Ogdensburg	38.69	72	P	P	14 57 10.1 -0.9
ACCN	Adirondack Com	38.76	68	P	P	14 57 10.7 -0.9
PANJ	Princeton	38.83	73	P	P	14 57 12.8 +0.7
BRNJ	Basking Ridge	38.84	72	I Amb	I Amb	14 57 21.0
NPNY	Nyack Preserv	38.84	70	P	P	14 57 12.9 +0.6
TRY	Troy	38.92	69	I Amb	I Amb	14 57 22.5
TRY	Troy	38.92	69	P	P	14 57 14.3 +1.4
TRNY	Table Rock, Ra	38.95	71	I Amb	I Amb	14 57 35.1
P61A	Hampton	38.98	74	P	P	14 57 14.7 +1.4
P61A	Hampton	38.98	74	P	P	14 57 14.7 +1.4
S61A	Accomac	38.98	77	P	P	14 57 14.9 +1.5
S61A	Accomac	38.98	77	P	P	14 57 14.9 +1.5
V61A	Roper	38.98	80	P	P	14 57 13.7 +0.3
V61A	Roper	38.98	80	P	P	14 57 13.7 +0.3
R61A	Willards	39.00	76	P	P	14 57 15.1 +1.5
R61A	Willards	39.00	76	P	P	14 57 15.1 +1.5
BRNY	Black Rk. Fore	39.03	71	P	P	14 57 13.4 -0.4
BRNY	Black Rk. Fore	39.03	71	S	S	15 03 16.4 +3.7
MCVT	Middlebury Col	39.10	67	P	P	14 57 13.1 -1.3
MCVT	Middlebury Col	39.10	67	S	S	15 03 17.2 +3.5

VT1	Waterbury	39.18	66	P	P	14 57 16.3 +1.2
PAL	Palisades	39.22	71	P	P	14 57 16.1 +0.7
PAL	Palisades	39.22	71	S	S	15 03 13.8 -1.8
PAL	Palisades	39.22	71	P	P	14 57 14.9 -0.5
PAL	Palisades	39.22	71	S	S	15 03 18.1 +2.5
CPNY	Central Park	39.25	72	I Amb	I Amb	14 57 22.1
FOR	Fordham	39.28	72	P	P	14 57 17.2 +1.3
J61A	Chester	39.56	67	P	P	14 57 19.0 +0.8
J61A	Chester	39.56	67	P	P	14 57 19.0 +0.8
J61A	Chester	39.56	67	I Amb	I Amb	14 57 41.2
WSPY	Westport, CT	39.59	71	I Amb	I Amb	14 57 25.9
HNN	Hanover	39.66	67	I Amb	I Amb	14 57 20.2 +1.2
HNN	Hanover	39.66	67	P	P	14 57 20.2 +1.2
L61B	Northampton	39.70	69	P	P	14 57 19.5 +0.1
L61B	Northampton	39.70	69	S	S	15 03 27.9 +5.2
L61B	Northampton	39.70	69	P	P	14 57 20.3 +0.9
L61B	Northampton	39.70	69	S	S	15 03 23.6 +0.

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like Cervenica-Dubn, Kurchatov, Soboth, etc.

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like MORH Mrgy, Hungary, ZSN, KOUNC, etc.

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like LZH, BDFB, CPUP, etc.

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

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

SHLS	Shalkode	4.96 265	Pg	Pb	14 52 27.7	-1.0
SHLS	97nm,0.2s					
SHLS	17nm,0.6s					
UZB	Uzymbulak	5.28 266	eP	Lg	14 52 40.1	-2.7
UZB	40nm,0.6s					
UZB	Uzymbulak	5.28 266	Pg	Pg	14 52 40.1	-2.7
UZB	6.8nm,0.4s					
UZB	28nm,0.6s					
KPKS	Kokpek	5.49 269	eP	Pg	14 52 43.0	-3.8
KPKS	10nm,0.1s					
KPKS	77nm,0.2s					
KPKS	Kokpek	5.49 269	Pg	Pg	14 52 43.0	-3.8
KPKS	10nm,0.2s					
KPKS	130nm,0.5s					
BLB	Baldybasty	5.61 276	eP	Pb	14 52 44.8	+5.1
BLB	23nm,0.3s					
BLB	57nm,0.1s					
BLB	Baldybasty	5.61 276	Pg	Pb	14 52 44.8	+5.1
BLB	23nm,0.3s					
BLB	46nm,0.9s					
ZHN	Zhinshike	5.70 267	eP	Pg	14 52 49.0	-1.9
ZHN	11nm,0.9s					
ZHN	48nm,0.3s					
ZHN	Zhinshike	5.70 267	Pg	Pg	14 52 49.0	-1.9
ZHN	48nm,0.3s					
ZHN	48nm,0.3s					
SATY	Saty	5.74 266	eP	Pg	14 52 48.9	-2.8
SATY	13nm,0.1s					
SATY	40nm,0.1s					
SATY	Saty	5.74 266	Pg	Pg	14 52 48.9	-1.8
SATY	10nm,0.5s					
SATY	40nm,0.6s					
ARXS	Arhary	6.08 277	eP	Pg	14 52 54.3	-3.7
ARXS	12nm,0.1s					
ARXS	52nm,0.1s					
ARXS	Arhary	6.08 277	Pg	Pg	14 52 54.3	-3.7
ARXS	12nm,0.6s					
ARXS	43nm,0.6s					
KOTS	Kotrybulak	6.65 268	Pg	Pg	14 53 04.5	-4.5
KOTS	10nm,0.6s					
KOTS	78nm,0.7s					
CHKK	Chushkaly	6.69 274	Pg	Pg	14 53 04.6	-5.0
CHKK	3.4nm,0.5s					
CHKK	25nm,0.5s					
MDOK	Medeo	6.71 268	Pg	Pg	14 53 05.6	-4.5
MDOK	6.0nm,0.4s					
MDOK	16nm,1.0s					
KTBS	Karabote	6.92 273	Pg	Pg	14 53 12.0	-2.1
KTBS	4.3nm,0.4s					
KUU	Kury	7.15 274	Pg	Pg	14 53 13.3	-5.3
KUU	2.9nm,0.6s					
KST	Kastek	7.51 268	Pg	Pg	14 53 23.2	-2.2
KST	4.4nm,0.4s					
KRBS	Karabastau	7.64 273	Pg	Pg	14 53 23.9	-4.1
KRBS	2.1nm,0.5s					
TKM2	Tokmak 2	7.80 267	Pn	Pn	14 52 58.3	+2.9
TKM2	3.8nm,0.6s					
TKM2	19nm,0.7s					
KURBB	Kurchatov Arra	8.62 325	Pn	Pn	14 53 07.0	+0.6
KURBB	1.0nm,0.3s,baz=148,slow=16,SNR=10					
KURBB	0.6nm,0.3s,baz=143,slow=29,SNR=3.7					
KURBB	0.5nm,0.3s,baz=144,slow=32,SNR=1.9					
KURBB	2.7nm,0.3s					
KURBB	Kurchatov Arra	8.62 325	Pn	Pn	14 53 08.1	+1.7
KURBB	6.0nm,0.5s					
KURBB	154nm,0.8s					
AAK	Ala-Archa	8.65 266	Pn	Pn	14 53 09.6	+2.6
AAK	0.3nm,0.3s,baz=49,slow=19,SNR=1.6					
AAK	0.2nm,0.3s,baz=60,slow=21,SNR=1.6					
AAK	0.3nm,0.3s,baz=15,slow=16,SNR=1.5					
AAK	1.3nm,0.3s					
KURK	Kurchatov	8.66 326	Pn	Pn	14 53 07.4	+0.5
KURK	2.1nm,0.3s					
ZAAO	Zalesovo Array	10.22 355	Pn	Pn	14 53 26.6	-1.7
ZAAO	2.5nm,0.9s					
ZAAO	1.1nm,0.3s					
ZAAO	Zalesovo Beam	10.22 355	Pn	Pn	14 53 27.4	-1.0
ZAAO	4.3nm,0.3s,baz=175,slow=13,SNR=23					
ZALV	3.2nm,0.3s,baz=170,slow=26,SNR=7.6					
ZALV	1.4nm,0.3s					
ZALV	baz=180,slow=24					
ZALV	7.7nm,0.3s					
BVAR	Borovoye Array	13.98 317	Pn	Pn	14 54 19.2	-0.6
BVAR	0.2nm,0.3s,baz=109,slow=14,SNR=14					
BVAR	0.1nm,0.3s,baz=101,slow=24,SNR=3.7					
BVAR	1.9nm,0.4s					
BVAR	baz=123,slow=22,SNR=2.2					
SONM	Songino Array	14.63 67	Pn	Pn	14 54 27.8	-1.0
SONM	0.4nm,0.3s,baz=267,slow=6.7,SNR=2.5					
SONM	0.4nm,0.3s,baz=269,slow=23,SNR=2.7					
SONM	0.4nm,0.5s					
DANN	Dangsing	15.52 188	eP	Pn	14 54 40.0	-0.9
DANN	1.2nm,0.5s					
GUN	Gumba	15.83 181	eP	Pn	14 54 50.9	+2.1
GUN	49nm,0.5s					
KKN	Kakani	15.97 183	eP	Pn	14 54 48.9	-1.3
KKN	1.8nm,0.5s					
JIRN	Jiri	16.08 180	eP	Pn	14 54 52.4	+0.8
JIRN	25nm,0.5s					
PKIN	Phulchoki	16.18 183	eP	Pn	14 54 49.5	+0.2
PKIN	17nm,0.6s					
PKIN	Pulchoki	16.18 183	eP	Pn	14 54 49.8	+0.3
PKIN	14nm,0.6s					
RAMN	Ramite	16.79 179	eP	Pn	14 54 57.2	-2.1
RAMN	6.5nm,0.5s					
ODAN	Odare	16.90 176	eP	Pn	14 54 59.9	-0.7
ARU	Art	21.62 316	P	P	14 55 52.9	+1.2
ARU	1.7nm,0.3s,baz=123,slow=5.5,SNR=5.5					
ARU	1.7nm,0.3s					
CMAR	Chiang Mai Arr	27.42 153	P	P	14 56 47.8	+0.3
CMAR	0.9nm,0.6s,baz=331,slow=9.2,SNR=6.0					
CMAR	0.6nm,0.6s					
USRK	Ussuriysk Arr	32.60 73	LR	LR	15 13 02.2	
USRK	comp=Z,2um,20.4s,baz=59,slow=41					
TIXI	Tiksi	34.65 22	P	P	14 57 50.9	+0.2
TIXI	0.5nm,0.3s,baz=40,slow=1.1,SNR=1.8					
TIXI	0.5nm,0.3s					
AKASG	Malin Array Be	38.47 301	P	P	14 58 24.1	+0.5
AKASG	0.3nm,0.4s,baz=61,slow=8.2,SNR=1.9					
AKASG	0.3nm,0.4s					
BRTR	Keskin Array B	38.90 283	P	P	14 58 29.1	+1.6
BRTR	0.4nm,0.7s,baz=60,slow=8.5,SNR=1.9					
BRTR	0.4nm,0.7s					
FINES	FINES Array B	38.94 318	P	P	14 58 27.2	-0.1
FINES	0.6nm,0.4s,baz=74,slow=8.1,SNR=5.4					
FINES	0.6nm,0.4s					
ARCES	ARCES Array B	39.65 331	P	P	14 58 33.5	+0.3
ARCES	0.7nm,1.2s,baz=91,slow=7.7,SNR=1.6					
ARCES	2.1nm,1.2s					
NOA	NORSAR Array B	46.10 319	P	P	14 59 24.9	-0.7
NOA	1.2nm,0.8s,baz=77,slow=7.8,SNR=3.1					
NOA	1.2nm,0.8s					
ATD	Arta Tunnel	49.24 243	LR	LR	15 24 54.8	
ATD	comp=Z,728nm,19.6s,baz=154,slow=41					
WRA	Warramunga Arr	77.22 134	P	P	15 02 55.8	-0.1
WRA	0.8nm,0.6s,baz=336,slow=5.2,SNR=12					
WRA	0.8nm,0.6s					
ASAR	Alice Springs	80.09 137	P	P	15 03 11.8	0.0
ASAR	0.6nm,0.7s,baz=327,slow=5.3,SNR=12					
ASAR	0.6nm,0.7s					

ROM 08 14:59:48.9,0.1,42.694N,0.004,13.172E,0.004, h11km,ML1.6/3,1C-4D,Error ellipse: s-maj=0.3km s-min=0.3km az=213.0, Central Italy

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
T1218	Civita (PG)	0.05 240	Op	h m s ISC	
T1218			Op	14 59 51.6	+0.3
T1218			P	14 59 53.7	+0.3
LNSS	Leonessa	0.13 227	P	14 59 52.7	+0.5
SMA1	SAN MARTINO	0.14 118	P	14 59 53.0	-0.6
NRCA	Norcia	0.15 343	Op	14 59 52.8	+0.4
NRCA			S	14 59 55.4	+0.5
NRCA	comp=E,610um,0.4s		AML	AML	
NRCA	comp=N,466um,0.8s		AML	AML	
NRCA	comp=E,650um,0.4s		AML	AML	
NRCA	comp=N,520um,0.2s		AML	AML	
T1245	Castelsantange	0.16 4	P	14 59 53.2	+0.5
RM33	Pellescrista	0.19 170	P	14 59 53.5	+0.4
T1243	Rocca Santa Ma	0.20 89	P	14 59 53.7	+0.4
T1243			S	14 59 54.7	+0.9
MC2	Monte Cornacci	0.22 4	P	14 59 54.2	+0.5
MMO1	Montemonaco	0.23 29	P	14 59 54.4	+0.5
MMO1			S	14 59 58.5	+1.2
T1215	Vallo di Nera,	0.25 296	Op	14 59 54.5	+0.4
T1215			Op	14 59 54.5	+0.4
T1215	comp=E,101um,0.1s		AML	AML	
T1215	comp=N,96um,1.3s		AML	AML	
T1215	comp=E,101um,0.1s		AML	AML	
T1215	comp=N,96um,1.3s		AML	AML	
T1241	Roccafulviana,	0.25 50	P	14 59 54.5	+0.4
T1241			S	14 59 58.8	+1.1
T1241	comp=E,192um,0.2s		AML	AML	
T1241	comp=N,68um,1.2s		AML	AML	
T1246	Crognaleto (TE	0.26 115	P	14 59 54.7	+0.3
T1211	Morro Reatino	0.28 236	AML	AML	
T1211	comp=N,167um,0.1s		AML	AML	
T1211	comp=E,127um,0.3s		AML	AML	
T1256	Bolognola (MC)	0.31 7	P	14 59 56.2	-0.5
GIGS	Gran Sasso	0.38 130	Op	14 59 56.7	+0.1
T1219	Muccia, Frazio	0.38 342	S	15 00 03.0	-0.7
OFFI	Offida	0.45 57	Op	14 59 58.9	+0.1
PP3	Marolino	0.76 25	Pn	15 00 17.0	+0.1
LIK	San Giovanni I	1.22 166	Pn	15 00 10.8	-1.1

STR 08 15:00:07.8,1.1,45°N,93°E, h6km, MLv0.3/4, 1D, Error ellipse: s-maj=0.0km s-min=0.0km az=16.5, preliminary, France

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CREF	Crivoux	0.01 275	Op	h m s ISC	
CREF			Op	15 00 01.0	-0.2
CREF			S	15 00 10.1	-0.1
SURF	Saint Ours	0.14 119	Pg	15 00 10.7	0.0
SURF			Sg	15 00 13.1	+0.3
JAUF	Jausiers	0.14 147	Op	15 00 10.6	-0.2
JAUF			Sg	15 00 12.8	0.0

STR 08 15:00:58.0,5.45°N,3°E, h7km, MLv0.9/9, Error ellipse: s-maj=0.0km s-min=0.0km az=47.4, preliminary, France

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CREF	Crivoux	0.02 336	Pg	15 01 00.2	-0.2
CREF			Sg	15 01 04.1	+2.9
OGAG	Argentiere	0.10 221	Pg	15 01 08.1	+5.2
OGAG			Sg	15 01 01.6	0.0
JAUF	Jausiers	0.13 141	Pg	15 01 03.8	+0.2
JAUF			Sg	15 01 01.8	0.0
SURF	Saint Ours	0.14 111	Pg	15 01 04.1	+0.2
SURF			Sg	15 01 07.4	-0.3
ISO	Isola	0.46 139	Pg	15 01 11.5	-0.1
ORIF	Oris-en-Rattie	0.66 306	Pg	15 01 13.9	-0.1
GDM	Grand'Maison	0.77 331	Pg	15 01 13.6	0.0
GDM			Sg	15 01 23.5	-0.1
TURF	col de Turini	0.78 135	Pg	15 01 23.6	-0.3
TURF			Sg	15 01 15.3	+0.1
SAOF	Seorge	0.86 129	Pg	15 01 15.3	+0.1

NOU 08 15:03:50.6, 42.43°S, 174.21°E, h6km, MLv3.9/10, Off E. Coast of S. Island, N.Z.

WEL 08 15:03:52.0, 0.4, 42°S, 17°E, h12km, M3.6/18, ML3.6/39, MLv3.6/18, Error ellipse: s-maj=0.0km s-min=0.0km az=131.7, confirmed

ISC 08 15:03:51.1, 2.42°S, 174.20°E, h21km, n115, +1876°18, Off east coast of South Island

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
KHZ	Kahutara	0.49 267	P	15 04 00.3	-0.7
KHZ	Kahutara	0.49 267	P		

8d 15h

Table with columns: SMTH, comp=N,1883um,0.4s, AML, AML, 15 22 11.7, etc. Lists various astronomical objects and their properties.

SOME 08 15:23:11.9, 43°67'N, 86°25'E, h5km, MS3.9
IDC 08 15:23:13.0, 0.0, 43°91'N, 86°42'E, h0km, mb4.1/27,
mbtm=4.2/32, ML3.8/5, Error ellipse: s-maj=15.6km
s-min=8.4km az=42.0
MOS 08 15:23:13.1, 1.0, 43°83'N, 86°42'E, h13km, mb4.7/13, Error
ellipse: s-maj=6.3km s-min=4.8km az=36.4
ISC-EH 08 15:23:15.2, 43°85'N, 86°37'E, h15km, Error ellipse:
s-maj=4.3km s-min=3.1km az=31.0
NCC 08 15:23:15.2, 1.8, 43°78'N, 86°22'E, h0km, mb4.9, mpv4.6,
Error ellipse: s-maj=14.7km s-min=7.7km az=132.0
BUJ 08 15:23:16.3, 0.0, 43°85'N, 86°33'E, h19km, mb4.4/26,
mp4.7/3, ML4.5/11, MS4.5/2, MS7.4/11
NEIC 08 15:23:16.4, 2.3, 43°86'N, 07°86'37E, 0.10, h24km, 5km,
mb4.9/82, Error ellipse: s-maj=10.2km s-min=9.4km
az=59.0
ISC 08 15:23:14.5, 0.6, 43°80'N, 003°86'34E, 0.02, h10km, 3km,
h11km; p-P, n319, zc05/341, mb4.6/91, 13C-9D, Northern
Xinjiang

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, etc. Lists station information for the Xinjiang region.

2016 DEC

Main table listing astronomical objects with columns: MKAR, Makanchi Array, 4.14 318, Pn, Pn, 15 24 19.4 +1.7, etc. Includes objects like Makanchi, Jarkent, Podgornoye, etc.

500

Table listing astronomical objects with columns: KST, comp=Z, 1.119nm, 0.9s, Lg, Lg, 15 27 12.8, etc. Includes objects like Karabastau, Semipalatinsk, Tokmak 2, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like ABKAR, KOHI, XAN, TNCH, PZH, BRDH, ARU, ARU, ARU, ARU, ARU, BHPH, GEYT, GEYT, GYAOB, ENH, KMI, WHN, CRAI, BELG, KIROV, CHTO, CM31, CMAR, CMAR, PHRA, MAK, ZEA, HEH, UOSS, ONI, ONI, YAK, YAK, YAK, KBZ, KIV, KLR, HKPS, KARS, KARS, KARS, KARS, TJN, TJN, TJN, GURO, OBN, OBN, OBN, OBN, OBN, TIXI, TIXI, TIXI, TIXI, TIXI, NACB, NACB, MARD, MARD, JMN, JMN, ILGA, ILGA, AKASG, AKASG, AKASG, AKASG, AKASG, AKKB, AKKB, AKKB, AKKB.

Table with columns for station name, frequency, and signal strength. Includes stations like FINES, FINES, FINES, FINES, FINES, BR131, BR131, BR131, BRTR, BRTR, BRTR, RAYN, RAYN, RAYN, LHMI, ARCES, ARCES, ARCES, ARCES, ARCES, KULM, KULM, IPM, IPM, CSS, CSS, BURAR, JHUJ, ELL, ELL, GSI, GSI, RDO, RDO, OJC, OJC, OJC, VTS, VTS, VTS, VTS, HFS, HFS, KARP, VYHS, VYHS, NC405, MORC, MORC, MORC, NC303, NC602, NB201, NB2, NOA, NC204, NA001, KRLL, KRLL, KRLL, KRLL, NB000, DPC, DPC, DPC, IDI, IDI, CONA, PRU, PRU, PRU, MYLDM, MYLDM, CLL, CLL, CLL, CLL, CLL, ARSA, KHC, GERES, GERES, GERES, SOKA, OBKA, SCTE, KBA, SABO, SABO, SGRT, WTTA, WATA, SQT, META, META, CTI, CTI, CTI, FETA, FUORN, DAVOX, VLV, VLV, CASP, CASP, MSSA, MSSA.

Table with columns for station name, frequency, and signal strength. Includes stations like BNI, BNI, BNI, EKA, TOLK, TOLK, KIWB, COLD, COLD, FAKI, A36M, A36M, BMAR, PPLA, PPLA, ILAR, ILAR, ILAR, ILAR, ESDC, INK, C36M, C36M, DOT, DOT, SCM, SCM, SCM, M24K, L27K, L27K, BCAR, KNRA, FITZ, YKA, VOI, VOI, WBO, WBO, WRA, WRA, WRA, WRA, WB2, WB2, WR0, SCHO, ASAR, ASAR, ASAR, NEW, DBIC, STKA, SADO, LPAZ, CPUP.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station I43RU DUBNA INFRASO...

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station HEL 08 15:56:00.4...

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station HEL 08 15:56:11.9...

8d 15h

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like Vikkela, Lumij, OBF4, VAF, Ylistaro.

SOME 08 15:57:48.1, 43°57'N:86°27'E, h20km, MS4.1
IDC 08 15:57:51.1, 0.5, 43°80'N:86°31'E, h0km, mb4.2/29,
mbmp4.2/34, ML4.0/5, MS4.8/1, Error ellipse:
s-maj=13.2km s-min=8.3km az=30.0
BUJ 08 15:57:53.9, 0.0, 43°84'N:86°27'E, h14km, mb4.5/30,
mb4.8/2, ML4.6/11, MS4.6/4, Mst7.4/5.1
ISC-E 08 15:57:53.7, 43°80'N:86°20'E, h15km, Error ellipse:
s-maj=3.1km s-min=2.2km az=21.0
MOS 08 15:57:54.1, 1.0, 43°81'N:86°21'E, h31km, mb5.0/16, Error
ellipse: s-maj=6.1km s-min=4.7km az=29.4
NINC 08 15:57:54.2, 1.4, 43°87'N:86°09'E, h0km, mb4.9, mpv4.6,
Error ellipse: s-maj=11.2km s-min=6.9km az=124.0
NEIC 08 15:57:56.9, 1.5, 43°85'N:07°86'19"E, 0.10, h37km, 6km,
mb4.7/94, Error ellipse: s-maj=10.9km s-min=9.4km
az=51.0
ISC 08 15:57:55.0, 0.3, 43°79'N:07°86'29"E, 0.03, h30km, n374,
e171/399, mb4.6/106, 17C-15D, Northern Xinjiang

Main table for 8d 15h section, listing station codes (WMQ, ZSN, MK31, etc.), station names, and various parameters like Az, Op, Phase, ISC, Time, Res, h, m, s, ISC.

2016 DEC

Main table for 2016 DEC section, listing station codes (TAK, SATY, KURS, etc.), station names, and various parameters like Az, Op, Phase, ISC, Time, Res, h, m, s, ISC.

502

Main table for 502 section, listing station codes (AAK, UCH, KSH, etc.), station names, and various parameters like Az, Op, Phase, ISC, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like KCRM Chalk Rock, KMRM Mali Ridge, KHM Mountain, etc.

NEIC 08 16:32:46.5, 2.0, 4.3N, 0.05, 126.37W, 0.09, h3km, 5km, mb5.0/127, ML4.2/70, Mw4.7/34, Error ellipse: s-maj=10.2km s-min=6.7km az=70.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mrr=0.2; Mth=0.16; Mtt=0.08; Mtr=0.19; Mtr=1.42; Mtr=0.32; Fault plane solution: Mo1.49000x10^16 NP130x357.83000x380.14000; A=14.17000; NIP200x30.31000; 8.76.04000; 1-169.84000; Principal axes: T 1.5489, P1g3.000; Azm44.0000; N-0.1346, P1g73.000; Azm144.0000; P-1.4143, P1g17.000; Azm314.0000;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like KCTM Capetown, KSM Mountain, KMPM Mount Pierce, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like KBO Bosley Butte, KBNM Bluenose Ridge, GHOM Hamilton Openi, etc.

NEIC 08 16:32:47.9, 0.6, 4.03N, 0.05, 126.37W, 0.09, h3km, 5km, mb5.0/127, ML4.2/70, Mw4.7/34, Error ellipse: s-maj=10.2km s-min=6.7km az=70.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mrr=0.2; Mth=0.16; Mtt=0.08; Mtr=0.19; Mtr=1.42; Mtr=0.32; Fault plane solution: Mo1.49000x10^16 NP130x357.83000x380.14000; A=14.17000; NIP200x30.31000; 8.76.04000; 1-169.84000; Principal axes: T 1.5489, P1g3.000; Azm44.0000; N-0.1346, P1g73.000; Azm144.0000; P-1.4143, P1g17.000; Azm314.0000;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like KCMC Capetown, KSM Mountain, KMPM Mount Pierce, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like LHV Little Huntton, MLAC Mammoth, KVA Kainaville, etc.

TKX	Tecate	11.00	132	Pn	Pn	16 35 24.4	-1.9
MSO	Missoula	11.01	50	Pn	Pn	16 35 24.9	-1.5
MSO	Missoula	11.01	50	Pn	Pn	16 35 27.6	+1.2
KNB	Kanab	11.03	103	Pn	Pn	16 35 25.4	-1.3
MVU	Marysville	11.03	95	Pn	Pn	16 35 25.1	-1.7
CTU	Camp Tracy	11.05	84	Pn	Pn	16 35 24.7	-2.4
MSU	Marysville	11.05	95	Pn	Pn	16 35 23.3	-3.8
W13A	Hualapai Mount	11.12	114	Pn	Pn	16 35 26.1	-2.0
CBX	Corro Bola	11.16	103	Pn	Pn	16 35 25.4	-3.2
MTPU	Mount Pierson	11.17	98	Pn	Pn	16 35 25.9	-3.0
HWUT	Hardware Ranch	11.18	79	Pn	Pn	16 35 25.4	-3.4
IKP	In-Ko-Pah, Jac	11.23	130	Pn	Pn	16 35 32.4	+3.0
PKCU	Pink Cliffs	11.26	101	Pn	Pn	16 35 28.4	-1.7
RMX	La Romorosa	11.28	130	Pn	Pn	16 35 28.8	-1.4
JLU	Jordanelle	11.28	84	Pn	Pn	16 35 28.0	-2.3
YUT	Yona Canyon	11.29	81	Pn	Pn	16 35 28.1	-2.3
YUH	Yuha Desert	11.34	130	Pn	Pn	16 35 28.1	-2.8
PDMCJ	Parker Dam,Lak	11.39	118	Pn	Pn	16 35 35.0	+3.5
LRM	Limekiln Ridge	11.46	57	Pn	Pn	16 35 29.8	-2.9
BLYC	Blythe	11.47	122	Pn	Pn	16 35 30.6	-2.1
GLA	Glamis	11.73	125	Pn	Pn	16 35 34.4	-1.9
GLA	Glamis	11.73	125	Pn	Pn	16 35 37.0	+0.8
ESJX	Sierra Juarez	11.79	132	Pn	Pn	16 35 34.3	-2.9
IMW	Indian Meadow	11.90	68	Pn	Pn	16 35 35.5	-3.3
BOZ	Bozeman (W)	11.91	59	Pn	Pn	16 35 35.2	-3.6
BOZ	Bozeman (W)	11.91	59	Pn	Pn	16 35 42.7	+3.9
P17A	Butcher Ranch	11.95	89	Pn	Pn	16 35 37.7	-1.7
YHL	Hebgen Lake	11.97	63	Pn	Pn	16 35 40.5	+0.8
MOOW	Moose Ponds	12.01	69	Pn	Pn	16 35 38.4	-1.8
FLWY	Flagg Ranch	12.11	67	Pn	Pn	16 35 39.0	-2.5
HRY	Holter Researc	12.12	66	Pn	Pn	16 35 41.1	-1.9
HTWA	Grant Village	12.22	66	Pn	Pn	16 35 50.7	+6.9
P18A	Preston Nuttner	12.31	88	Pn	Pn	16 35 41.9	-2.5
WALA	Waterton Lakes	12.33	41	Pn	Pn	16 35 41.9	-2.5
W14A	Wickenburg	12.37	117	Pn	Pn	16 35 42.2	-2.1
113A	Mohawk Valley,	12.59	123	Pn	Pn	16 35 45.2	-2.7
WUAZ	Wupatki	12.71	108	Pn	Pn	16 35 55.9	+6.1
RDMU	Red Mountain	12.71	84	Pn	Pn	16 35 47.4	-2.4
BW06	Boulder Ridge	12.73	74	Pn	Pn	16 35 55.2	+5.1
PDAR	Pinedale Array	12.73	74	Pn	Pn	16 35 53.5	+3.4
PDAR	Pinedale Array	12.73	74	Pn	Pn	16 35 46.7	-3.5
RLMT	Red Lodge	13.35	64	Pn	Pn	16 36 04.1	-4.3
PV10	Paradox Valley	13.47	93	Pn	Pn	16 35 59.9	-0.4
PIX	Pinacate	13.59	126	Pn	Pn	16 35 59.3	-2.3
PV11	Davis Mesa, Pa	13.62	93	Pn	Pn	16 36 00.0	-2.2
PV13	Radium Mtn., P	13.70	94	Pn	Pn	16 35 59.4	-3.8
214A	Organ Pipe Nat	13.73	124	Pn	Pn	16 36 02.9	-0.6
214A	Organ Pipe Nat	13.73	124	Pn	Pn	16 36 05.7	+2.1
PV07	Paradox Valley	13.76	92	Pn	Pn	16 36 01.2	-2.9
O20A	White River Ci	13.77	85	Pn	Pn	16 36 00.5	-3.7
O20A	White River Ci	13.77	85	Pn	Pn	16 36 06.2	+2.0
PV15	Paradox Valley	13.91	93	Pn	Pn	16 36 03.4	-2.8
EGMT	Eggleton	14.07	52	Pn	Pn	16 36 08.2	0.0
EGMT	Eggleton	14.07	52	Pn	Pn	16 36 10.6	+4.4
W18A	Petrified Fore	14.09	107	Pn	Pn	16 36 10.3	+1.7
W18A	Petrified Fore	14.09	107	Pn	Pn	16 36 13.0	-3.5
X18A	Snowflake	14.21	109	Pn	Pn	16 36 12.3	+2.1
MVCO	Mesa Verde	14.21	97	Pn	Pn	16 36 13.2	+2.9
MVCO	Mesa Verde	14.21	97	Pn	Pn	16 36 13.6	+3.3
RWWY	Rawlins	14.44	79	Pn	Pn	16 36 12.3	-1.1
TUC	Tucson	14.83	118	Pn	Pn	16 36 19.7	+1.0
TUC	Tucson	14.83	118	Pn	Pn	16 36 22.3	-2.4
SMCO	Snowmass	14.88	88	Pn	Pn	16 36 19.1	-0.5
BLDA	Berlaton Lookou	14.96	21	Pn	Pn	16 36 18.9	-1.3
K22A	Casper	14.96	75	Pn	Pn	16 36 18.7	-1.7
K22A	Casper	14.96	75	Pn	Pn	16 36 53.7	
K22A	Casper	14.96	75	Pn	Pn	16 36 21.8	+1.4
K22A	Casper	14.96	75	Pn	Pn	16 36 22.5	+2.1
S22A	4UR Ranch, Cre	15.32	94	Pn	Pn	16 36 24.3	-1.1
S22A	4UR Ranch, Cre	15.32	94	Pn	Pn	16 36 28.9	-1.5
N23A	Red Feather L	15.43	82	Pn	Pn	16 36 26.2	-0.6
N23A	Red Feather L	15.43	82	Pn	Pn	16 36 27.6	+0.8
WAPA	Wapiti River	15.53	15	Pn	Pn	16 36 24.4	-3.4
WAPA	Wapiti River	15.53	15	Pn	Pn	16 36 38.7	
PHWY	Pilot Hill	15.77	80	Pn	Pn	16 36 29.3	-2.0
ISCO	Idaho Springs	15.81	85	Pn	Pn	16 36 32.8	+0.9
ISCO	Idaho Springs	15.81	85	Pn	Pn	16 36 34.8	-1.1
ISCO	Idaho Springs	15.81	85	Pn	Pn	16 36 32.9	+1.1
LAO	LASA Array	15.82	60	Pn	Pn	16 36 29.5	-2.1
LAO	LASA Array	15.82	60	Pn	Pn	16 36 46.2	
LAO	LASA Array	15.82	60	Pn	Pn	16 36 38.9	+3.3
LAO	LASA Array	15.82	60	Pn	Pn	16 36 32.1	+0.5
DUN6	Lazy B Ranch	15.85	114	Pn	Pn	16 36 33.8	+1.6
DUN6	Lazy B Ranch	15.85	114	Pn	Pn	16 36 51.0	
Q24A	Divide	16.32	88	Pn	Pn	16 36 38.7	+0.4
Q24A	Divide	16.32	88	Pn	Pn	16 36 39.1	+0.8
SDCO	Great Sand Dun	16.34	93	Pn	Pn	16 36 37.6	-0.9
SDCO	Great Sand Dun	16.34	93	Pn	Pn	16 36 42.7	+1.1
SDCO	Great Sand Dun	16.34	93	Pn	Pn	16 36 41.0	-0.6
319A	Douglas	16.42	118	Pn	Pn	16 36 40.2	+0.8
319A	Douglas	16.42	118	Pn	Pn	16 36 49.8	
SBM	South Baldy	16.48	107	Pn	Pn	16 36 42.8	-0.6
WRAK	Wrangell Islan	16.54	348	Pn	Pn	16 36 43.3	0.0
LENM	Lemitar	16.55	106	Pn	Pn	16 36 43.5	-0.4
ANMO	Albuquerque	16.58	103	Pn	Pn	16 36 43.8	-0.5
ANMO	Albuquerque	16.58	103	Pn	Pn	16 36 58.1	+2.1
ANMO	Albuquerque	16.58	103	Pn	Pn	16 36 41.9	+0.3
ANMO	Albuquerque	16.58	103	Pn	Pn	16 36 46.5	+2.2
ANMO	Albuquerque	16.58	103	Pn	Pn	16 36 46.8	+2.5
Y22D	IRIS PASSCAL I	16.63	106	Pn	Pn	16 36 46.9	+2.2
Y22F	Pascal Instru	16.63	106	Pn	Pn	16 36 46.8	+2.1
Y22A	Socorro	16.66	107	Pn	Pn	16 36 48.6	+3.5
BRIGG	Briggsdale	16.69	82	Pn	Pn	16 36 42.5	-0.5
121A	Cookes Peak, D	16.78	112	Pn	Pn	16 36 45.6	-0.9
121A	Cookes Peak, D	16.78	112	Pn	Pn	16 36 49.5	+3.0
121A	Cookes Peak, D	16.78	112	Pn	Pn	16 36 48.8	+3.3
BNN	Barron Site	16.81	106	Pn	Pn	16 36 45.6	+1.1
CRNM	Carthage	16.82	106	Pn	Pn	16 36 44.9	+0.2
RSSD	Black Hills	16.86	70	Pn	Pn	16 36 44.6	-0.6
RSSD	Black Hills	16.86	70	Pn	Pn	16 36 47.2	-0.2
RSSD	Black Hills	16.86	70	Pn	Pn	16 36 45.8	+0.6
HSIG	Highway	16.91	127	Pn	Pn	16 36 46.2	+0.5
T25A	Trinidad	17.34	94	Pn	Pn	16 36 49.8	-1.4
T25A	Trinidad	17.34	94	Pn	Pn	16 36 55.6	+2.9
DGMT	Dagmar	17.67	55	Pn	Pn	16 36 59.7	+3.6
DGMT	Dagmar	17.67	55	Pn	Pn	16 36 58.1	+2.1

SIT	Sitka	17.70	344	P	P	16 36 57.0	+0.8
S34M	Telephone Cree	17.82	351	P	P	16 36 58.1	+1.2
S32K	Killisnoo	17.93	345	P	P	16 36 59.7	+0.3
DLBC	Dease Lake	18.23	354	P	P	16 37 03.4	+1.2
DLBC	Dease Lake	18.23	354	P	Pn	16 37 00.7	-1.2
KSCO	Kaye Shedlock'	18.23	87	P	Pn	16 36 58.7	-3.5
KSCO	Kaye Shedlock'	18.23	87	P	Pn	16 37 04.5	+2.0
KSCO	Kaye Shedlock'	18.23	87	P	Pn	16 37 02.6	+0.2
OGNE	Ogallala	18.38	80	Pn	Iamb	16 37 01.2	-2.7
OGNE	Ogallala	18.38	80	P	P	16 37 12.6	
OGNE	Ogallala	18.38	80	P	P	16 37 06.8	+2.8
OGNE	Ogallala	18.38	80	P	P	16 37 04.8	+0.8
S31K	Pelican	18.73	343	P	P	16 37 06.4	-1.1
MNTX	Cornudas Mount	18.95	111	P	P	16 37 08.6	-1.6
MNTX	Cornudas Mount	18.95	111	P	Pn	16 37 14.3	+3.6
MNTX	Cornudas Mount	18.95	111	P	Pn	16 37 12.5	+1.7
Q32M	Nakina River	18.98	350	P	P	16 37 10.3	-0.3
RLRD	Liard River Hi	19.05	0	P	Pn	16 37 12.4	+0.6
HILA	High Level	19.12	15	P	P	16 37 10.5	-1.4
R33M	Jennings River	19.26	353	P	Pn	16 37 14.3	-0.2
GD12	Guadalupe Moun	19.41	108	P	P	16 37 15.4	-0.1
E28A	Huff	19.51	63	P	Iamb	16 37 13.8	-2.5
E28A	Huff	19.51	63	P	Iamb	16 37 29.7	
MSTX	Muleshoe	19.75	101	P	Iamb	16 37 17.1	-2.0
MSTX	Muleshoe	19.75	101	P	Iamb	16 37 24.4	
MSTX	Muleshoe	19.75	101	P	Pn	16 37 23.5	+3.0
MSTX	Muleshoe	19.75	101	P	P	16 37 19.8	+0.6
WTLY	Watson Lake, Y	19.82	356	P	Pn	16 37 18.7	-0.8
WTLY	Watson Lake, Y	19.82	356	P	Pn	16 37 20.4	-0.6
KOTAN	Kotaneleele Air	19.82	3	P	P	16 37 20.0	+0.5
AMTX	Amarillo	20.20	98	P	Iamb	16 37 21.3	-2.6
AMTX	Amarillo	20.20	98	Pn	Pn	16 37 28.0	+2.2
AMTX	Amarillo	20.20	98	P	P	16 37 24.9	+0.9
MDND	Maddock	20.47	60	P	Pn	16 37 29.0	+0.2
CBKS	Cedar Bluff	20.48	86	P	Pn	16 37 25.9	-1.0
CBKS	Cedar Bluff	20.48	86	P	Pn	16 37 30.8	+1.8
CBKS	Cedar Bluff	20.48	86	P	Pn	16 37 28.9	-0.1
K31A	O'Neill	20.69	75	P	Pn	16 37 28.1	-1.0
K31A	O'Neill	20.69	75	P	Pn	16 37 32.9	+1.4
P30M	Million Dollar	20.86	345	P	Pn	16 37 32.5	-0.8
PNL	Peninsula	20.99	341	P	P	16 37 32.1	-0.2
LP1G	La Paz	21.05	136	P	P	16 37 33.1	0.0
LP1G	La Paz	21.05	136	P	LR	16 44 30.7	
BTGN	Hyland Array	21.21	357	P	P	16 37 37.2	+2.6
RGNE	Belgrade	21.24	78	P	P	16 37 33.0	-2.2
RGNE	Belgrade	21.24	78	P	P	16 37 38.9	+3.8
RGNE	Belgrade	21.24	78	P	P	16 37 37.7	+2.6
R32A	Long Quarter,	21.35	86	P	P	16 37 36.2	-0.1
R32A	Long Quarter,	21.35	86	P	Iamb	16 37 42.0	
R32A	Long Quarter,	21.35	86	P	P	16 37 39.5	+3.2
ELIS	Ellis County	21.49	93	P	Iamb	16 37 32.7	-0.7
ELIS	Ellis County	21.49	93	P	Iamb	16 37 48.7	
TX31	Lajitas Ar. Si	21.51	114	P	P	16 37 38.3	+0.1
TX31	Lajitas Ar. Si	21.51	114	P	P	16 37 42.1	+3.9
TX32							

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SONM Songo Array, SEY Seymchan, WBR Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, ANM Nome, ZALV Zalesovo Beam, MK31 Makanchi Array, O18K Koktuh Hills, KURK Kurchatov, KURB Kurchatov Arra, KDAK Kodiak Island, PWL Port Wells, KNK Knik Glacier, TOLK Toolik Lake Re, ILAR Eielson Array, KLU Klutina, BVAR Borovoye Array, BMAR Burnt Mountain, L27K Beaver Creek, BCAR Beaver Creek A, HYT Haines Junction, INK Inuvik, ABKAR Akbulak array, ABKAR Akbulak array, A36M Sachs Harbour, EUNU Eureka, CLRS Cowichan Lake, YKA Yellowknife Ar, RES Resolute Bay, RES Resolute Bay, B08A Colville Reser, ARCES ARCES Array B, ARCES ARCES Array B, ARCES Newport, BMO Blue Mountains, KVN Kaiserville, NVAR Mina Array Bea, NVAR Mina Array Bea, FIA1 FINESS Array S, FIA1 FINESS Array S, LRM Limekiln Ridge, HRV Holter Resear, GMIN Gold Mountain, ELK Elko, PASO Pasadena Art C, R11A Troy Canyon, C, R11A Troy Canyon, YHL Hebgen Lake, IMW Indian Meadow, DUG Dugway, Tooele, PDAR Pinedale Array, LCMT Little Creek M, KNB Kanab, PLCA Paso Flores.

IDC 08 16:50:50.4, 1.3, 23.39N, 94.88E, h0km, mb3.5/3, mbtm3.4/4, ML3.7/2, Error ellipse: s-maj=34.2km s-min=18.3km az=11.0
ISC 08 16:50:53.6-1.7, 23.5N, 01.949E, e-maj=101, h100km, n14, o051/13, mb3.5/3, Myanmar-India border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUN Gumba, PKI Pulchoki, PKI Pulchoki, DMN Daman, DANN Danging, MKAR Makanchi Array, KURBB Kurchatov Arra, ASAR Alice Springs, IDC 08 16:55:43.8, RSNC 16:55:44.5, ISC 08 16:55:43.0, CHIC Chingaza, ROSC El Rosal, ROSC El Rosal, RUSC La Rusia, NORC Norcasia, BARC Barichara, PTBC PUERTO BERRIO, GUY2C Guyana, NIZA Niza - Manizal, ANIL Santa Ana, PTGC Puerto Gaitan, PRAC Prado, ORTC Ortega, TAME Tame, PAMC Pamplona, CBOS Ciudad Bolivar, ZARC Zaragoza, PLMC San Jos del P, YUTC Yotoco, GUVV GUVV, DBBC Dabeiba, UREC San Jos de Ur, BETA Betania, MACC Macarena, GARC Garzon, FLOC Florencia, LCBC Los Crobos, SDV Santo Domingo, SJCC San Jacinto, BBAC Barboa, CRJC Carrejon, SMRC Santa Marta, URIC Uribia, PCRV Puerto La Cruz, YKA Yellowknife Ar, ASAR Alice Springs, WRA Warramunga Arr, IDC 08 16:59:46.6, NEIC 08 16:59:47.8, MEX 08 16:59:49.3, ISC 08 16:59:45.1.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DAIG Los Arroyos, DAIG Los Arroyos, DAIG Acapulco, ACAP2 Acapulco, ACAP2 Acapulco, EI Cayaco, EI Cayaco, Malinaltepec, Malinaltepec, ATYC Atoyac, PINOTEPA Pinotepa, PINOTEPA Pinotepa, TLIG Tlapa, TLIG Tlapa, MEIG Mezcala, MEIG Mezcala, MEIG Mezcala, HTMT Tlapaneco, HTMT Tlapaneco, TXIG Tlaxiaco, TXIG Tlaxiaco, PLIG Platanillo, PLIG Platanillo, YOIG Yosondua, YOIG Yosondua, FTIG Fresnillo de T, FTIG Fresnillo de T, ARIG Puente Sto Nin, ARIG Puente Sto Nin, HLIG Huajuapán de L, HLIG Huajuapán de L, ZIIG Zihuatanejo, ZIIG Zihuatanejo, PEIG Puerto Escondido, PEIG Puerto Escondido, YAIG Yautepec, YAIG Yautepec, MAVM Malinalco, MAVM Malinalco, MAVM Malinalco, MAVM Malinalco, TEJU Tejuipico, TEJU Tejuipico, PPIG Popocatepetl, PPIG Popocatepetl, AMVM AMECAMECA, AMVM AMECAMECA, AMVM AMECAMECA, OXIG Oaxaca, VHO Vista Hermosa, VHO Vista Hermosa, OXBJ Oaxaca, OXBJ Oaxaca, TLVM San Miguel Top, TLVM San Miguel Top, MPVM San Francisco, MPVM San Francisco, OXLC Oaxaca, OXLC Oaxaca, AOVN Tlapam, AOVN Tlapam, XCVN Xochimilco, XCVN Xochimilco, TOVM Toluca, TOVM Toluca, TOVM Toluca, INVM La Marquesa, INVM La Marquesa, TPIG Tehuacan, TPIG Tehuacan, TPIG Tehuacan, TPIG Tehuacan, TOXP Toxpalan, TOXP Toxpalan, THOU Toluca, THOU Toluca, PHPU Puebla, PHPU Puebla, UNNM Universidad Na, UNNM Universidad Na, UNNM Universidad Na, CUIG Ciudad Univers, CUIG Ciudad Univers, THVM De Xico, THVM De Xico, CJVM Cuajimalpa, CJVM Cuajimalpa, MHVM Bosque de Chap, MHVM Bosque de Chap, GMVM Gustavo A Made, GMVM Gustavo A Made, AZVM Cuida Lopez Ma, AZVM Cuida Lopez Ma, AZVM Cuida Lopez Ma, PTVM Pico Tres Padr, PTVM Pico Tres Padr, OZST Orizaba, OZST Orizaba, OZST Orizaba, VTVM Tizayuca, VTVM Tizayuca, ZUMV Zumpango, ZUMV Zumpango, HUG Huatulco, HUG Huatulco, HUG Huatulco, MOIG Morelia, MOIG Morelia.

8d 17h

Table with columns: Code, Station Name, Az, El, P, S, Sn, Pn, Time, Res, ISC. Includes stations like Arroyo Zacate, Demacu, Jalcumulco, etc.

2016 DEC

Table with columns: Code, Station Name, Az, El, P, S, Sn, Pn, Time, Res, ISC. Includes stations like Los Arroyos, EI Cayaco, Malinaltepec, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Sn, Pn, Time, Res, ISC. Includes stations like Matias Romero, Colima, Volcan de Coli, etc.

ISC 08 17:07:26.4s, 7.16°61'N; 99:41'W, h0km, mb3.8/7, mbmp3.78, ML3.2/1. Error ellipse: s-maj=115.4km s-min=20.3km az=8.2°

ISC 08 17:07:27.6s, 1.9, 16°56'N; 05:99'50W, 0.0, 4.19km, 5km, mb4.4/17, Md4.3/95(MEX), Error ellipse: s-maj=7.5km s-min=3.8km az=210.0°

ISC 08 17:35:17.6s, 3.7, 34°32'N; 25°03'E, h0km, mb3.4/2, mbmp3.4/4, ML3.4/2, Error ellipse: s-maj=64.2km s-min=15.6km az=64.0°

8d 17h

Table with columns for station code, name, frequency, and signal strength. Includes stations like NPOC, CUJU, JNU, JNH, etc.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like ASAJ, ASAJ DSRI, KSRS, etc.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like USAOB, USRK, USRK, etc.

Table with columns for station codes (e.g., PET, PEAOB), frequencies, and signal strength/quality metrics. Includes sub-sections like 'PET' and 'BINXIAN'.

Table with columns for station codes (e.g., NKL, PTCN), frequencies, and signal strength/quality metrics. Includes sub-sections like 'PTCN' and 'VANDA'.

Table with columns for station codes (e.g., CD2, BTO), frequencies, and signal strength/quality metrics. Includes sub-sections like 'CD2' and 'BAOTOU'.

8d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Ulaanbaatar, Gaotai, Bariahdala, Sonm, etc.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSA Lhasa, AIS Amsterdam, Q20K, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like O22K, SUA Susitna One, BOK Bokoro, etc.

8d 17h

S32K	baz=242	S	S	18 01 45.5	-3.6			
KMRM	Mali Ridge	85.70	48	P	Iamb	Iamb	17 51 20.9	-0.2
YUK6	Outpost Mounta	85.70	25	P	SNR=117	17 51 21.1	+0.3	
G24K	Hadweenzic Riv	85.75	18	P	P	17 51 20.9	+0.4	
YUK4	Talbot Arm	85.80	25	P	P	17 51 21.7	+0.6	
U33K	Whale Pass	85.80	31	P	P	17 51 20.6	-0.3	
HOPS	Hopland Field	85.80	49	P	Iamb	Iamb	17 51 21.1	-0.3
HOPS	comp=Z,3um,1.8s	IAMS_20	IAMS_20	18 22 51.7				
PLBC	Pleasant Camp	85.82	27	P	P	17 51 21.2	+0.2	
PLBC	Urumqi	85.83	316	P	S	18 01 51.3	+1.0	
WMQ	Wuqiang	85.83	316	P	P	17 51 22.3	+0.7	
WMQ	comp=Z,3um,1.4s	LR	LR	17 51 32.1	-2.0			
WMQ	comp=Z,266um,23.3s	LR	LR	17 54 44.4	+2.7			
WMQ	comp=Z,261um,24.9s	LR	LR					
P30M	Million Dollar	85.89	26	P	P	17 51 22.1	+0.7	
KHMM	Horse Mountain	85.89	47	P	P	17 51 22.1	+0.1	
KOD	Kodaikanal	85.91	281	eP	P	17 51 22.6	-0.2	
K27K	Chicken	85.94	22	P	P	17 51 22.7	+1.2	
GDXM	Geysers	85.95	49	P	P	17 51 22.3	0.0	
HYT	Haines Junctio	86.00	25	P	Iamb	Iamb	17 51 21.7	-0.3
HYT	comp=Z,1um,1.1s	S	S	17 51 31.4				
HYT	Haines Junctio	86.00	25	P	P	17 51 22.0	0.0	
HYT	baz=240	S	S	18 01 52.2	-0.2			
E23K	Chandalar	86.02	17	P	P	17 51 23.1	+1.2	
E23K	baz=228	S	S	18 01 53.4	+1.2			
TRD	Trivandrum	86.05	279	eP	P	17 51 24.7	+1.5	
KEBM	Edson Butte	86.08	45	P	Iamb	Iamb	17 51 23.9	+1.1
KEBM	comp=Z,2um,1.3s	S	S	17 51 32.7				
BESE	Bessie Mountain	86.08	28	P	P	17 51 22.3	-0.2	
R32K	Eaglecrest	86.10	28	P	P	17 51 22.8	+0.3	
R32K	baz=242	S	S	18 01 54.7	+1.6			
F24K	Squaw Lake	86.16	17	P	S	17 51 23.4	+0.8	
F24K	baz=230	S	S	18 01 53.0	-0.4			
JIS	Juneau Island	86.16	29	P	IAMS_20	IAMS_20	17 51 22.8	+0.1
JIS	comp=Z,1655um,21.0s	IAMS_20	IAMS_20	18 21 30.7				
JIS	Juneau Island	86.16	29	P	P	17 51 24.0	+1.3	
T33K	Petersburg	86.19	30	P	P	17 51 22.8	-0.1	
T33K	baz=244	S	S	18 01 57.2	+3.2			
G25K	Bearman Lake	86.22	18	P	P	17 51 23.2	+0.4	
G25K	baz=231	S	S	18 01 54.3	+0.4			
V35K	Ketchikan	86.23	32	P	P	17 51 23.4	+0.3	
V35K	baz=245,SNR=30	S	S	18 01 57.3	+3.0			
SKAG	Skagway	86.28	27	P	Iamb	Iamb	17 51 22.8	-0.4
SKAG	comp=Z,1um,1.2s	Iamb	Iamb	17 51 36.4				
SKAG	Skagway	86.28	27	P	P	17 51 23.9	+0.6	
SKAG	baz=242,SNR=60	S	S	18 01 54.6	-0.2			
WRAK	Wrangell Island	86.32	31	P	Iamb	Iamb	17 51 24.3	+0.8
WRAK	comp=Z,1um,1.2s	Iamb	Iamb	17 51 42.9				
WRAK	Wrangell Island	86.32	31	P	P	17 51 22.7	-0.8	
WRAK	baz=244,SNR=36	S	S	18 01 56.8	+1.5			
D23K	Nanushuk River	86.35	16	P	P	17 51 24.5	+1.1	
D23K	baz=227	S	S	18 01 53.9	-1.2			
E24K	Your Creek	86.35	17	P	P	17 51 24.1	+0.6	
HYB	Hyderabad	86.36	288	eP	Iamb	Iamb	17 51 23.6	-1.1
HYB	comp=Z,107nm,0.7s	Iamb	Iamb	17 51 28.2				
HYB	Hyderabad (bro	86.36	288	eP	P	P	17 51 24.3	-0.4
HYB	comp=Z,20um,10.0s	Iamb	Iamb	17 51 26.6	-0.6			
HYB	comp=Z,20um,10.0s	Iamb	Iamb	17 51 35.3				
HYB	comp=Z,20um,10.0s	Iamb	Iamb	17 51 41.5	-0.4			
HYB	comp=Z,20um,10.0s	Iamb	Iamb	17 54 45.2	-1.3			
HYB	comp=Z,20um,10.0s	Iamb	Iamb	18 01 46.5	-1.3			
HYB	comp=Z,20um,10.0s	Iamb	Iamb	18 02 05.4	-0.4			
HYB	comp=Z,20um,10.0s	Iamb	Iamb	18 12 52.6	-4.1			
HYB	comp=Z,20um,10.0s	Iamb	Iamb	18 13 00.4	-1.1			
HYB	comp=Z,20um,10.0s	Iamb	Iamb	18 16 33.9	+1.2			
HYB	comp=Z,20um,10.0s	Iamb	Iamb	18 23 43.4				
HYB	Hyderabad (bro	86.36	288	IAMS_20	IAMS_20	IAMS_20	18 23 43.7	
HYB	Hyderabad (bro	86.36	288	IAMS_20	IAMS_20	IAMS_20	17 58 42.8	
FYU	Fort Yukon	86.37	19	P	Iamb	Iamb	17 51 23.8	+0.3
SAO	San Andreas Ge	86.39	52	P	Iamb	Iamb	17 51 25.0	+0.6
SAO	comp=Z,3um,1.6s	IAMS_20	IAMS_20	18 22 14.5				
SAO	comp=Z,1426um,20.0s	IAMS_20	IAMS_20	17 51 25.0	+0.6			
SAO	comp=Z,3um,1.6s	IAMS_20	IAMS_20	17 51 25.0	+0.6			
SAO	comp=Z,3um,1.6s	MLR	MLR					
TOLK	Toolik Lake Re	86.42	16	P	Iamb	Iamb	17 51 23.9	+0.1
TOLK	comp=Z,2um,1.4s	IAMS_20	IAMS_20	17 52 01.1				
TOLK	comp=Z,1569um,21.0s	IAMS_20	IAMS_20	18 27 13.4				
TOLK	Toolik Lake Re	86.42	16	P	P	17 51 24.2	+0.3	
TOLK	baz=228,SNR=182	S	S	18 01 54.3	-1.7			
M29M	Somme Creek	86.44	24	P	P	17 51 23.8	-0.4	
M29M	baz=239,SNR=212	S	S	18 01 58.4	+1.9			
GRNB	Grenville Isla	86.50	34	P	P	17 51 24.8	+0.2	
N30M	Aishikik Lake	86.50	25	P	P	17 51 23.9	-0.6	
N30M	baz=240	S	S	18 02 00.8	+3.7			
O30N	Mendenhall	86.58	26	P	P	17 51 23.9	-0.9	
O30N	baz=241,SNR=80	S	S	18 02 01.2	+3.4			
A21K	Barrow	86.63	12	P	Iamb	Iamb	17 51 24.5	-0.2
A21K	comp=Z,2um,1.0s	IAMS_20	IAMS_20	17 51 37.0				
A21K	comp=Z,1953um,22.0s	IAMS_20	IAMS_20	18 24 35.6				
A21K	Barrow	86.63	12	P	P	17 51 24.1	-0.6	

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A21K	baz=221	S	S	18 01 57.4	-0.3			
B86G	Big Mountain B	86.65	52	P	P	17 51 25.6	-0.2	
EGAK	Donat Strip	86.69	21	P	P	17 51 24.8	-0.4	
EGAK	Eagle	86.69	21	P	P	17 51 24.8	-0.4	
EGAK	baz=236,SNR=539	S	S	18 01 59.7	+1.1			
PMPB	Monarch Peak	86.74	52	P	P	17 51 25.6	-0.6	
F25K	Christian River	86.88	18	P	P	17 51 26.4	+0.3	
F25K	baz=232,SNR=236	S	S	18 02 01.6	+1.2			
YBH	Yreka Blue Hor	86.88	47	LR	LR	18 22 41.3		
YBH	comp=Z,1310um,21.5s,SNR=266,slow=30	IAMS_20	IAMS_20	18 22 41.3				
YBH	Yreka Blue Hor	86.88	47	P	Iamb	Iamb	17 51 25.7	-1.1
YBH	comp=Z,1um,1.1s	IAMS_20	IAMS_20	18 22 08.1				
YBH	Yreka Blue Hor	86.88	47	P	Iamb	Iamb	17 51 25.7	-1.1
YBH	comp=Z,1um,1.1s	MLR	MLR					
DBO	Dodson Butte	86.92	45	P	P	17 51 26.7	-0.2	
L29M	L29M	86.92	23	P	P	17 51 26.6	+0.1	
L29M	baz=239,SNR=423	S	S	18 01 59.7	-1.3			
DAWY	Dawson	86.94	22	P	P	17 51 26.9	+0.4	
DAWY	Dawson	86.94	22	P	P	17 51 26.5	0.0	
DAWY	baz=238,SNR=534	S	S	18 01 59.9	-1.3			
C23K	Iklikil River	86.96	15	P	P	17 51 26.6	+0.2	
C23K	baz=227	S	S	18 01 60.0	-1.0			
HUMO	Hull Mountain	86.97	46	P	IAMS_20	IAMS_20	17 51 26.4	-0.7
HUMO	comp=Z,1668um,21.0s	IAMS_20	IAMS_20	18 23 12.3				
SNCC	San Nicolas Is	86.97	56	P	P	17 51 26.9	-0.4	
SNCC	San Nicolas Is	86.97	56	P	P	17 51 27.8	+0.5	
SNCC	baz=255,SNR=43	S	S	18 02 01.8	-0.8			
I27K	Kandik River	86.99	20	P	P	17 51 27.4	+0.7	
I27K	baz=236	S	S	18 02 00.1	-1.5			
PCHI	Peechi	87.05	281	eP	S	17 51 28.0	0.0	
PCHI	comp=Z,1um,1.1s	S	S	18 02 06.3	+2.3			
G26K	Porcupine Rive	87.06	19	P	P	17 51 27.3	+0.4	
G26K	baz=234	S	S	18 02 01.5	-0.6			
N31M	Braeburn, Yuko	87.06	25	P	Iamb	Iamb	17 51 26.8	-0.4
N31M	comp=Z,1um,0.9s	Iamb	Iamb	17 51 40.3				
N31M	Braeburn, Yuko	87.06	25	P	P	17 51 26.7	-0.4	
N31M	baz=241,SNR=98	S	S	18 02 01.4	-1.0			
P32M	Atlin	87.07	27	P	P	17 51 26.4	-0.8	
P32M	baz=243,SNR=53	S	S	18 02 05.6	+3.0			
SCZ2	Santa Cruz Isl	87.07	55	P	P	17 51 28.1	+0.3	
SCZ2	baz=243,SNR=55	S	S	18 02 01.3	-2.3			
BMAR	Burnt Mountain	87.10	18	P	P	17 51 27.4	+0.2	
SBC	Santa Barbara	87.13	54	P	P	17 51 28.0	0.0	
SBC	baz=255,SNR=13	S	S	18 02 03.6	-0.4			
SMMC	Simmer	87.13	53	P	P	17 51 27.6	-0.5	
SMMC	baz=255,SNR=43	S	S	18 02 05.7	+1.5			
ORV	Oroville	87.13	49	P	Iamb	Iamb	17 51 27.6	-0.3
ORV	comp=Z,2um,1.6s	IAMS_20	IAMS_20	18 21 41.9				
ORV	comp=Z,1264um,22.0s	IAMS_20	IAMS_20	17 51 27.6	-0.3			
ORV	Oroville	87.13	49	P	Iamb	Iamb	17 51 27.6	-0.3
ORV	comp=Z,2um,1.6s	MLR	MLR					
ORV	comp=Z,1264um,22.0s	MLR	MLR					
PKM	McPherson Peak	87.16	54	P	P	17 51 28.4	0.0	
PKM	baz=255,SNR=55	S	S	18 02 03.8	-1.0			
M30M	Minto, Yukon	87.18	24	P	Iamb	Iamb	17 51 26.8	-0.9
M30M	comp=Z,2um,1.3s	IAMS_20	IAMS_20	18 25 32.5				
M30M	Minto, Yukon	87.18	24	P	P	17 51 27.1	-0.5	
M30M	comp=Z,1868um,20.0s	S	S	18 02 04.1	+0.6			
M30M	baz=240	S	S	18 02 04.1	+0.6			
HEBO	Mount Hebo	87.22	43	P	Iamb	Iamb	17 51 28.4	+0.1
HEBO	comp=Z,2um,1.2s	Iamb	Iamb	17 51 38.2				
E25K	Arctic Village	87.22	17	P	P	17 51 28.6	+0.8	
E25K	baz=232,SNR=582	S	S	18 02 03.3	-0.4			
COR	Corvallis	87.33	44	IAMS_20	IAMS_20	18 21 49.7		
AFDM	Forest Hills D	87.36	50	P	Iamb	Iamb	17 51 28.0	-1.0
AFDM	comp=Z,1448um,22.0s	Iamb	Iamb	17 51 55.2				
C24K	Franklin Bluff	87.38	16	P	P	17 51 29.8	+0.5	
C24K	comp=Z,2um,1.5s	P	P	17 51 29.8	+0.5			
H27K	Steamboat Moun	87.38	20	P	P	17 51 29.0	+0.4	
H27K	baz=236	S	S	18 02 06.1	+0.8			
F26K	Sheenjek River	87.39	18	P	P	17 51 28.9	+0.3	
F26K	baz=233	S	S	18 02 04.1	-1.3			
H08S2	Diego Garcia H	87.41	263	P	P	17 51 32.9	+3.4	
H08S3	Diego Garcia H	87.42	263	P	P	17 51 33.0	+3.4	
BUCK	Buck Mountain	87.42	44	Iamb	Iamb	17 51 29.4	+0.1	
H08S1	Diego Garcia H	87.43	263	P	P	17 51 33.0	+3.4	
Q32M	Nakina River	87.46	28	P	P	17 51 28.2	-1.1	
Q32M	baz=244,SNR=65	S	S	18 02 07.4	+0.8			
DGAR	Diego Garcia	87.49	263	P	S	17 51 30.9	+0.7	
DGAR	comp=Z,2um,1.5s	S	S	18 01 44.5	-1.0			
BCW	Bitter Crk Wrg	87.49	54	P	P	17 51 29.3	0.6	
K29M	Barlow Dome	87.53	23	P	P	17 51 29.5	+0.1	
K29M	baz=240	S	S	18 02 03.7	-3.3			
CMB	Columbia Colle	87.55	51	P	Iamb	Iamb	17 51 29.0	-1.1
CMB	comp=Z,2um,1.7s	IAMS_20	IAMS_20	18 25 02.1				
CMB	comp=Z,1076um,20.0s	IAMS_20	IAMS_20	17 51 29.0	-1.1			
CMB	Columbia Colle	87.55	51	P	Iamb	Iamb	17 51 29.0	-1.1
CMB	comp=Z,2um,1.7s	MLR	MLR					
S34M	Telegraph Cree	87.56	30	P	P	17 51 29.4	-0.2	
S34M	baz=245,SNR=76	S	S	18 02 05.8	-1.4			
RADR	Rader Ridge	87.56	42	P	Iamb	Iamb	17 51 30.0	+0.1

S22A	4UR Ranch, Cre	98.00	53	P	Pdif	17 52 18.9 +0.2
S22A	baz=263,SNR=40			S	S	18 03 43.8 +1.6
IUG	baz=263	98.06	311	eP	P	17 52 16.5 -2.1
IUG	luzhnay			eS	SKSac	18 02 51.9 -0.8
IUG	baz=311					
IUG	luzhnay	98.06	311	eP	P	17 52 16.4 -2.1
SMCO	Snowmass	98.06	52	P	SKSac	18 02 51.8 -0.8
VNA2	Neumayer-Watz	98.11	184	P	P	17 52 19.1 0.0
RWWY	Rawlins	98.20	49	P	P	17 52 17.5 -0.6
RWWY	comp=Z,1170um,20.0s			IAMS_20	IAMS_20	17 52 18.5 -0.9
CHGR	Chuyangaron	98.29	308	P	P	17 52 17.4 -2.3
CHGR	Chuyangaron	98.29	308	P	P	17 52 17.4 -2.3
CHGR	comp=Z,324nm,1.0s			pmax	pmax	
MNTX	Cornudas Mount	98.40	59	P	P	17 52 19.7 -0.5
MNTX	comp=Z,1534um,20.0s			IAMS_20	IAMS_20	18 29 27.9
MNTX	Cornudas Mount	98.40	59	P	Pdif	17 52 22.4 +2.2
MNTX	baz=263			S	S	18 03 36.8 -8.4
MNTX	Cornudas Mount	98.40	59	Pdif	P	17 52 20.0 -0.2
MNTX	baz=263			S	S	18 03 45.6 +0.3
MNTX	baz=263			S	S	18 03 45.6 +0.3
CHM	Chimkent	98.40	311	eP	eS	17 52 18.3 -1.7
CHM	baz=312			eS	SKSac	18 02 53.4 -0.7
CHM	Chimkent	98.40	311	eP	P	17 52 18.2 -1.7
CHM	baz=312			eS	SKSac	18 02 53.4 -0.7
VNA1	Neumayer-Stat	98.44	184	Pdif	P	17 52 19.0 -0.5
K22A	Casper	98.82	48	P	P	17 52 22.5 +0.4
K22A	baz=264			S	S	18 03 44.7 -4.0
K22A	Casper	98.82	48	Pdif	Pdif	17 52 22.1 0.0
K22A	baz=264			S	S	18 03 43.4 -5.3
K22A	baz=264			S	S	18 03 43.4 -5.3
SDCO	Great Sand Dun	99.04	53	P	Pdif	17 52 22.2 -1.1
SDCO	Great Sand Dun	99.04	53	P	Pdif	17 52 22.9 +1.6
SDCO	baz=263			S	S	18 03 48.4 -2.6
SDCO	Great Sand Dun	99.04	53	Pdif	Pdif	17 52 24.0 +0.6
SDCO	baz=263			S	S	18 03 48.4 -2.6
N23A	Red Feather La	99.06	50	P	Pdif	17 52 23.6 +0.3
N23A	Red Feather La	99.06	50	P	Pdif	17 52 23.8 +0.5
N23A	baz=264			S	S	18 03 48.5 -2.5
N23A	baz=264			S	S	18 03 48.5 -2.5
BVA0	Borovoye Array	99.06	322	P	P	17 52 19.3 -3.4
BVA0	Borovoye Array	99.06	322	LR	LR	18 38 50.8
BVA0	comp=Z,558um,19.9s			PKKPbc	PKKPbc	
BRVK	Borovoye	99.13	322	P	Pdif	17 52 19.8 -3.2
BRVK	Borovoye	99.13	322	IAMS_20	IAMS_20	18 38 39.7
BRVK	Borovoye	99.13	322	P	Pdif	17 52 21.7 -1.2
BRVK	Borovoye	99.13	322	P	SKSac	18 02 53.6 -3.7
BRVK	Borovoye	99.13	322	/P	Pdif	17 52 21.1 -1.8
BRVK	comp=Z,156nm,1.1s			MLR	MLR	
BRVK	comp=Z,528um,19.0s			MLR	MLR	
ISCO	Idaho Springs	99.18	51	P	Pdif	17 52 24.4 +0.5
ISCO	Idaho Springs	99.18	51	P	Pdif	18 29 54.9
ISCO	comp=Z,1609um,21.0s			IAMS_20	IAMS_20	17 52 24.4 +0.5
ISCO	Idaho Springs	99.18	51	P	Pdif	17 52 24.5 +0.5
ISCO	baz=264			Pdif	Pdif	17 52 24.6 +0.7
ISCO	Idaho Springs	99.18	51	P	Pdif	17 52 24.4 +0.5
ISCO	comp=Z,147nm,1.4s			pmax	pmax	
ISCO	comp=Z,1609um,21.0s			MLR	MLR	
GD12	Guadalupe Moun	99.32	59	P	Pdif	17 52 24.1 -0.4
Q24A	Divide	99.45	52	P	Pdif	17 52 24.9 -0.2
Q24A	Divide	99.45	52	Pdif	Pdif	17 52 26.0 +0.9
LAO	LASA Array	99.46	44	P	Pdif	17 52 23.9 -0.7
LAO	comp=Z,909nm,1.1s			IAMS_20	IAMS_20	17 52 35.2
LAO	LASA Array	99.46	44	P	Pdif	17 52 26.4 +1.7
LAO	baz=264			P	Pdif	17 52 25.2 +0.5
LAO	LASA Array	99.46	44	Pdif	Pdif	17 52 25.2 +0.5
PHWY	Pilot Hill	99.46	50	P	Pdif	17 52 25.5 +0.4
PHWY	comp=Z,741um,21.0s			IAMS_20	IAMS_20	18 31 34.2
TX31	Lajitas Ar. Si	99.57	62	P	Pdif	17 52 25.9 +0.3
TX31	Lajitas Ar. Si	99.57	62	P	Pdif	17 52 26.9 +1.3
TX32	Lajitas Array	99.57	62	P	Pdif	17 52 26.3 +0.7
TXAR	Lajitas Array	99.57	62	P	Pdif	17 52 25.9 +0.3
TXAR	comp=Z,139nm,1.0s, baz=237,slow=4.3,SNR=20			PP	PP	17 56 31.1 +1.0
TXAR	comp=Z,48nm,1.1s, baz=260,slow=5.4,SNR=7.9			PKKPbc	PKKPbc	18 08 56.2 +3.5
TXAR	comp=Z,19nm,0.9s, baz=101,slow=4.7,SNR=6.4			PKPPKP	P/Pdif	18 17 06.0 +1.5
TXAR	comp=Z,8.7nm,1.2s, baz=113,slow=2.1,SNR=3.8			LR	LR	18 28 52.4
TXAR	comp=Z,1361um,21.8s, baz=271,slow=30					
TXAR	Lajitas Array	99.57	62	P	Pdif	17 52 25.1 -0.5
TXAR	Trinidad	99.83	54	Pdif	Pdif	17 52 26.8 0.0
BRIGG	Briggsdale	100.25	51	IAMS_20	IAMS_20	18 31 36.1
RSSD	Black Hills	100.77	47	IAMS_20	IAMS_20	18 33 10.4
RSSD	Black Hills	100.77	47	P	Pdif	17 52 32.2 +1.4
RSSD	Black Hills	100.77	47	Pdif	Pdif	17 52 30.5 -0.3
MSTX	Muleshoe	100.84	57	P	Pdif	17 52 32.9 +1.7
MSTX	Muleshoe	100.84	57	Pdif	Pdif	17 52 30.8 -0.4
DGMT	Dagmar	100.98	43	IAMS_20	IAMS_20	18 33 44.5
DGMT	Dagmar	100.98	43	P	Pdif	17 52 32.8 +1.4
DGMT	Dagmar	100.98	43	Pdif	Pdif	17 52 31.0 -0.4
KSCO	Kaye Shedlock	101.41	52	P	Pdif	17 52 35.4 +1.8
KSCO	Kaye Shedlock	101.41	52	Pdif	Pdif	17 52 34.2 +0.6
AMTX	Amarillo	101.82	56	IAMS_20	IAMS_20	18 33 49.3
AMTX	Amarillo	101.82	56	P	Pdif	17 52 36.9 +1.4
AMTX	Amarillo	101.82	56	Pdif	Pdif	17 52 35.0 -0.6
OGNE	Ogallala	102.01	50	IAMS_20	IAMS_20	18 34 09.7
OGNE	Ogallala	102.01	50	P	Pdif	17 52 37.7 +1.5
OGNE	Ogallala	102.01	50	Pdif	Pdif	17 52 36.7 +0.5
MG04	Isia Riesco	102.23	150	/P	Pdif	17 52 39.6 +2.8
USHA	Ushuaia	102.47	153	Pdif	Pdif	17 52 40.8 +3.0
USHA	comp=Z,17nm,0.6s, baz=188,slow=7.6,SNR=3.5					
USHA	Ushuaia	102.47	153	/P	Pdif	17 52 39.6 +1.7
FFC	Filin Flon	102.62	36	IAMS_20	IAMS_20	18 35 08.7
MG01	Puerto William	102.76	154	/P	Pdif	17 52 41.5 +2.4
GO09	Cerro Castillo	102.79	149	/P	Pdif	17 52 40.0 +0.6
JCT	Junction City	103.02	61	P	Pdif	17 52 41.5 +0.7
JCT	Junction City	103.02	61	Pdif	Pdif	17 52 40.5 -0.4
833A	Chaparral WMA,	103.19	63	P	Pdif	17 52 42.3 +0.7

833A	Chaparral WMA,	103.19	63	Pdif	Pdif	17 52 40.6 -1.0
ABTX	Abilene, Hawle	103.33	59	P	Pdif	17 52 42.5 +0.4
ABTX	Abilene, Hawle	103.33	59	Pdif	Pdif	17 52 41.4 -0.8
MG02	Cerro Sombbrero	103.41	151	/P	Pdif	17 52 42.9 +0.9
NGCH	Ngcho - Chahab	103.64	294	P	Pdif	17 52 43.5 -0.1
CBKS	Cedar Bluff	103.65	53	P	Pdif	17 52 44.3 +0.8
MDND	Maddock	104.03	43	P	Pdif	17 52 46.3 +1.4
MDND	Maddock	104.03	43	Pdif	Pdif	17 52 44.4 -0.4
U32A	Winter Ranch,	104.11	55	P	Pdif	17 52 47.7 +2.2
WMOK	Wichita Mounta	104.19	57	IAMS_20	IAMS_20	18 31 17.1
WMOK	Wichita Mounta	104.19	57	P	Pdif	17 52 47.0 +1.1
WMOK	Wichita Mounta	104.19	57	Pdif	Pdif	17 52 45.9 -0.1
SUSD	Miller	104.43	47	P	Pdif	17 52 48.4 +1.6
SUSD	Miller	104.43	47	Pdif	Pdif	17 52 45.8 -1.0
KVXT	Kingsville	104.44	64	P	Pdif	17 52 50.3 +3.1
MSEY	Mahe Island	104.57	262	P	Pdif	17 52 43.5 -4.6
MSEY	Mahe Island	104.57	262	Pdif	Pdif	17 52 47.8 -0.5
435B	Jarrell	104.95	61	P	Pdif	17 52 51.8 +2.4
435B	Jarrell	104.95	61	Pdif	Pdif	17 52 48.6 -0.8
BGNE	Belgrade	104.96	50	P	Pdif	17 52 51.1 +1.9
BGNE	Belgrade	104.96	50	Pdif	Pdif	17 52 49.9 -1.3
WHTX	Lake Whitney,	105.14	60	P	Pdif	17 52 51.2 +1.0
WHTX	Lake Whitney,	105.14	60	Pdif	Pdif	17 52 49.0 -1.2
OK029	Liberty Lake	105.33	56	IAMS_20	IAMS_20	18 35 44.3
WBK	Wadi Bani Khal	105.35	291	P	Pdif	17 52 51.7 +0.4
OK025	Westminster Rd	105.42	56	IAMS_20	IAMS_20	18 35 37.6
AB31	Abdul array	105.49	318	/P	Pdif	17 52 47.6 -3.7
WSAR	Wadi Sarin	105.72	291	P	Pdif	17 52 57.2 +4.2
OK050	Pawnee Station	105.73	55	IAMS_20	IAMS_20	18 32 57.0
OK033	Mehan	105.76	56	IAMS_20	IAMS_20	18 31 47.7
OK048	Pawnee Station	105.77	55	IAMS_20	IAMS_20	18 32 56.8
OK045	Pawnee Station	105.78	55	IAMS_20	IAMS_20	18 32 57.2
OK046	Pawnee Station	105.79	55	IAMS_20	IAMS_20	18 32 46.6
OK031	S. Brethren Rd	105.83	56	IAMS_20	IAMS_20	18 31 49.7
OK052	Battle Ridge R	105.86	56	IAMS_20	IAMS_20	18 32 02.5
OK030	Cody Creek RV	105.88	56	IAMS_20	IAMS_20	18 36 46.9
OK053	SW of W Deep R	105.88	56	IAMS_20	IAMS_20	18 36 45.6
OK044	Pawnee Station	105.88	55	IAMS_20	IAMS_20	18 33 00.9
OK034	N. Norfolk Rd	105.94	56	IAMS_20	IAMS_20	18 31 42.5
ARU	Arti	105.95	326	PKKPbc	PKKPbc	18 08 29.5 -0.6
ARU	Arti	105.95	326	PKPPKP	P/Pdif	18 16 53.5 +3.4
ARU	Arti	105.95	326	IAMS_20	IAMS_20	18 40 10.8
ARU	Arti	105.95	326	/P	Pdif	17 52 51.5 -1.7
ARU	Arti	105.95	326	S	SKSac	18 03 28.6 -0.7
ARU	comp=Z,53nm,1.2s			pmax	pmax	
ARU	comp=Z,969um,23.0s			MLR	MLR	
KSU1	Kansas State U	106.09	52	P	Pdif	17 52 56.5 +2.2
KSU1	Kansas State U	106.09	52	Pdif	Pdif	17 52 54.2 -0.1
ECSD	EROS Data Cent	106.11	48	IAMS_20	IAMS_20	18 36 13.9
ECSD	EROS Data Cent	106.11	48	P	Pdif	17 52 54.0 -0.2
ECSD	EROS Data Cent	106.11	48	Pdif	Pdif	17 52 52.7 -1.5
MHTO	MHTO	106.12	289	P	Pdif	17 52 54.4 -0.3
JMZD	Jabal Madar	106.12	290	P	Pdif	17 52 51.7 -3.1
COYC	Coqhayike					

JRN	Qarnain Island	111.10	293	P	Pdif	17 53 19.0	+2.2
SNET	Serv Nac Est T	111.24	79	IAMS_20	IAMS_20	18 32 06.2	
L42A	Oliver, Polo	111.29	49	P	Pdif	17 53 18.8	+1.5
NEEM	North Greenlan	111.49	7	eP	Pdif	17 53 20.8	+3.9
NEEM	Hornsund (broa	111.41	352	ePdif	Pdif	17 53 22.6	+5.5
HSPB				eP	PP	17 57 58.4	+2.5
HSPB				eL	PP	18 36 48.2	
PRGR	Permogore	111.50	332	eP	Pdif	17 53 16.3	-1.4
PRGR				i		17 57 11.5	
PRGR				pmax	pmax		
D41A	Chassel	111.54	44	P	Pdif	17 53 21.2	+2.9
P43A	Skaggs, Pawnee	111.57	52	P	Pdif	17 53 21.9	+3.3
I42A	Draeger Farm,	111.67	47	P	Pdif	17 53 20.1	+1.2
HDIL	Hopedale	111.68	51	IAMS_20	IAMS_20	18 38 45.9	
HDIL	Hopedale	111.68	51	P	Pdif	17 53 21.1	+2.0
HDIL	Hopedale	111.68	51	Pdif	Pdif	17 53 20.1	+1.0
Y45A	Yeager Farm, C	111.82	58	P	Pdif	17 53 20.5	+0.6
S44A	Carbondale	111.90	54	P	Pdif	17 53 19.3	-0.8
OXF	Oxford	111.91	57	IAMS_20	IAMS_20	18 38 39.7	
346A	Big Creek Wild	111.93	61	P	Pdif	17 53 20.7	+0.3
F42A	Maple Grove Fa	112.00	45	P	Pdif	17 53 21.1	+0.7
Q44A	Meyer Farm, Va	112.01	52	P	Pdif	17 53 21.8	+1.2
W45A	Hickory Valley	112.08	56	P	Pdif	17 53 22.9	+2.0
ML02	Panimavida	112.09	136	iP	Pdif	17 53 23.1	+2.0
SLWR	Sila	112.12	92	P	Pdif	17 53 21.8	+0.4
GO05	Huala	112.14	135	iP	Pdif	17 53 23.3	+2.0
K43A	Burlington	112.21	48	P	Pdif	17 53 22.8	+1.4
146A	Union	112.26	59	P	Pdif	17 53 24.6	+2.8
Q44A	Mansfield	112.34	51	P	Pdif	17 53 23.7	+1.7
BO03	Pichilemu	112.38	134	eP	Pdif	17 53 24.0	+1.6
H43A	Windswept, Lux	112.42	46	P	Pdif	17 53 23.2	+0.9
T45B	Paducah	112.42	54	P	Pdif	17 53 24.2	+1.8
M44A	Midewin, Midew	112.55	50	P	Pdif	17 53 24.8	+1.9
L44A	Lake County Fo	112.57	49	IAMS_20	IAMS_20	18 37 55.3	
L44A	Lake County Fo	112.57	49	P	Pdif	17 53 23.7	+0.7
L44A	Lake County Fo	112.57	49	Pdif	Pdif	17 53 21.8	-1.2
KULLO	Kullorsuaq	112.64	10	iP	Pdif	17 53 28.4	+5.9
HQIL	Hanson Quarry C	112.66	49	IAMS_20	IAMS_20	18 40 04.5	
E43A	Lone Tree Farm	112.71	44	P	Pdif	17 53 25.1	+1.6
TEIG	Tepich	112.72	73	eP	Pdif	17 53 24.7	+0.6
OLIL	Olney	112.74	53	P	Pdif	17 53 26.6	+2.8
SHMA	Al-Shehemia	112.83	294	P	Pdif	17 53 24.5	0.0
BJO1	Bjornoya	112.84	350	ePdif	Pdif	17 53 23.9	+0.4
BJO1				IvMBBB		17 53 35.2	
BJO1				eP	PP	17 58 06.7	+0.6
BJO1				eSKSac	SKSac	18 04 00.2	+2.7
BJO1				ePS	SS	18 07 42.9	+1.4
BJO1				eSS	SS	18 13 49.4	+4.6
BJO1				IvMS_BB	IvMS_BB	18 38 18.9	
SMRA	Abu-Samra	112.93	292	P	Pdif	17 53 24.5	-0.5
PLAL	Pickwick Lake	112.99	57	IAMS_20	IAMS_20	18 41 05.3	
BO02	Sierra Bellavi	113.05	135	eP	Pdif	17 53 26.0	+0.5
BO01	Tunca	113.05	135	eP	Pdif	17 53 25.3	+0.1
VA05	Santo Domingo	113.07	134	iP	Pdif	17 53 27.7	+2.3
Z47A	Carrollton	113.07	59	P	Pdif	17 53 27.1	+1.7
WVT	Waverly	113.13	55	IAMS_20	IAMS_20	18 37 21.8	
WVT	Waverly	113.13	55	P	Pdif	17 53 27.2	+1.5
WVT	Waverly	113.13	55	Pdif	Pdif	17 53 24.8	-0.8
TGUH	Tequigalpa,Un	113.17	79	IAMS_20	IAMS_20	18 33 17.3	
TGUH	Tequigalpa,Un	113.17	79	eP	Pdif	17 53 26.7	+0.3
LVZ	Lovozero	113.20	341	iP	PKIKP	17 57 18.8	+0.1
LVZ				pmax	pmax		
LVZ				MLR	MLR		
MT01	Popeta	113.22	134	iP	Pdif	17 53 27.7	+1.6
SAKB	Bairnain	113.22	294	P	Pdif	17 53 27.2	+1.0
CRIN	San Cristobal	113.25	81	eP	Pdif	17 53 31.8	+5.1
P46A	Rosedale	113.36	52	P	Pdif	17 53 28.0	+1.4
SFIN	Lafayette	113.37	51	P	Pdif	17 53 25.3	-1.3
SFIN	Lafayette	113.37	51	Pdif	Pdif	17 53 25.8	-0.8
VA01	Torpederas	113.37	133	iP	Pdif	17 53 29.5	+2.7
MT09	Talagante	113.45	134	iP	Pdif	17 53 27.0	+0.4
VADS	Vadso	113.54	344	ePdif	Pdif	17 53 38.1	
VADS				IvMBBB			
VADS				eP	PP	17 58 13.1	+1.9
VADS				eSKSac	SKSac	18 04 00.9	+0.5
VADS				eP	SP	18 07 32.3	+2.7
VADS				eSS	SS	18 13 57.3	+3.1
CNGN	Cerro Negro	113.56	81	eP	Pdif	17 53 37.1	+9.0
I45A	Fountain	113.57	47	P	Pdif	17 53 28.4	+1.0
I45A				P	Pdif	17 53 28.4	+1.0
BO04	La Punta	113.60	134	eP	Pdif	17 53 28.0	+0.1
MT02	Curacav	113.61	134	iP	Pdif	17 53 28.1	+0.1
T47A	Sharon Grove	113.66	54	P	Pdif	17 53 30.2	+2.3
APA	Apafity	113.78	341	iP	PKIKP	17 57 21.8	+2.1
APA				iP	SP	17 58 19.0	
APA				iP	SS	18 04 02.0	
APA				iP	SS	18 07 36.0	-7.5
APA				iP	SS	18 14 12.0	+1.4
ADZR	Andozero	113.78	336	eP	Pdif	17 53 26.8	-1.0
ADZR				e		17 58 10.8	
L46A	Eue Claire	113.79	49	P	Pdif	17 53 28.4	+0.1
L46A				P	Pdif	17 53 28.4	+0.1
G45A	Suttons Bay	113.83	45	P	Pdif	17 53 29.2	+0.6
G45A				P	Pdif	17 53 29.2	+0.6
ROCH	EI Roble	113.86	133	iP	Pdif	17 53 31.0	+4.1
VA06	Catapilco	113.86	133	iP	Pdif	17 53 29.5	+0.5
X48A	Hartselle	113.87	57	P	Pdif	17 53 31.3	+2.3
MT03	Universidad Ad	113.94	134	iP	Pdif	17 53 29.9	+0.4
LMEL	Las Melosas	113.96	135	iP	Pdif	17 53 31.8	+2.1
V48A	Smith Brothers	113.97	56	P	Pdif	17 53 31.5	+2.1
LRAL	Lakeview Retre	113.98	59	IAMS_20	IAMS_20	18 40 22.4	
LRAL	Lakeview Retre	113.98	59	P	Pdif	17 53 29.3	-0.2
LRAL	Lakeview Retre	113.98	59	Pdif	Pdif	17 53 28.0	-1.5
PEL	Peldhue	114.00	134	iP	Pdif	17 53 32.0	+2.3
BRAL	Brewton	114.00	61	IAMS_20	IAMS_20	18 38 52.5	

BRAL	Brewton	114.00	61	P	Pdif	17 53 29.8	+0.2
BRAL	Brewton	114.00	61	Pdif	Pdif	17 53 28.5	-1.1
DAG	Danmarks Havn	114.03	360	iP	Pdif	17 53 35.0	+6.3
FCH	Fayellones	114.18	134	iP	Pdif	17 53 31.9	+1.0
WCI	Wyandotte Cave	114.19	53	P	Pdif	17 53 31.1	+0.8
WCI	Wyandotte Cave	114.19	53	Pdif	Pdif	17 53 28.3	-2.0
UPNV	Upernavik	114.20	11	iP	Pdif	17 53 36.4	+6.9
VA03	San Esteban	114.29	133	iP	Pdif	17 53 32.4	+1.3
N47A	Urbana	114.37	50	P	Pdif	17 53 30.9	-0.1
N47A				P	Pdif	17 53 30.9	-0.1
KEV	Kevo	114.40	344	IAMS_20	IAMS_20	18 50 22.3	
Y49A	Blount Mountai	114.42	58	P	Pdif	17 53 32.3	+0.9
KLMR	Klimovskoe	114.54	333	ePdif	Pdif	17 53 29.0	-2.3
KLMR				AMP		17 53 36.2	
KLMR				ePKIP	PKP	17 57 23.4	+2.0
KLMR				eP	PP	17 58 21.6	+3.0
KLMR				eSKSac	SKSac	18 04 03.3	-1.4
KLMR				eSKSac	SKSac	18 07 47.5	-3.4
KLMR				eP	SS	18 10 01.7	+0.6
KLMR				ePKKPbc	PKKPbc	18 14 11.2	+3.2
KLMR				SS	SS	18 14 11.2	+3.2
KLMR				SS	SS	18 30 53.1	
KLMR				LO	LO	18 30 53.1	
KLMR				LO	LO	18 33 51.8	
KLMR				LR	LR	17 53 29.0	-2.3
KLMR				e		17 58 21.5	
KLMR				SS	SS	18 04 03.2	
KLMR				SS	SS	18 07 47.5	-3.4
KLMR				SS	SS	18 14 11.2	+3.2
E46A	Sault Ste Mari	114.55	44	P	Pdif	17 53 32.5	+0.8
BOAB	BOACO BROADBANK	114.56	81	IAMS_20	IAMS_20	18 39 01.2	
CO06	Fray Jorge	114.59	131	eP	Pdif	17 53 32.0	-0.3
GLMI	Grayling	114.60	46	IAMS_20	IAMS_20	18 44 02.5	
GLMI	Grayling	114.60	46	P	Pdif	17 53 34.2	+2.2
GLMI	Grayling	114.60	46	Pdif	Pdif	17 53 32.1	+0.1
250A	Grady	114.64	60	P	Pdif	17 53 34.4	+2.0
RFA	Rafael	114.65	136	iP	PKIKP	17 57 12.8	-1.0
MAK	Makhachkala	114.65	312	iP	Pdif	17 53 30.2	-2.0
MAK				e		17 57 20.9	
MAK				ePPP	PPP	17 58 17.4	
MAK				e	SS	18 04 06.2	
MAK				ePS	PKKPbc	18 07 53.8	-7.6
MAK				eSS	SS	18 18 26.3	
MAK				pmax	pmax		
HAMF	Hammerfest	114.66	346	ePdif	Pdif	17 53 33.4	+1.7
HAMF				IvMB_BB		17 53 47.3	
HAMF				eP	PP	17 58 21.6	+2.5
HAMF				eSKSac	SKSac	18 04 06.2	+1.5
HAMF				eP	SS	18 07 54.4	+3.0
HAMF				eSS	SS	17 54 09.3	+0.3
AKT	Akhty	114.69	311	eP	Pdif	17 53 38.1	+5.5
AKT				e		18 01 52.2	
AKT				e		18 00 20.4	
AKT				pmax	pmax		
J47A	Sumner	114.70	47	P	Pdif	17 53 33.5	+1.0
J47A				P	Pdif	17 53 33.5	+1.0
P48A	Milroy	114.74	52	P	Pdif	17 53 32.6	-0.1
P48A				P	Pdif	17 53 32.6	-0.1
U49A	Red Boiling Sp	114.75	55	P	Pdif	17 53 33.3	+0.4
CO02	Combarbal	114.78	132	eP	Pdif	17 53 33.3	0.0
O48B	Farmland	114.86	51	P	Pdif	17 53 35.0	+1.8
O48B	Farmland	114.86	51	Pdif	Pdif	17 53 31.6	-1.6
ARA0	ARCESS Array S	114.94	344	ePdif	Pdif	17 53 33.4	+0.4
ARA0				IvMB_BB		17 53 45.2	
ARA0				eP	PP	17 58 22.5	+1.3
ARA0				eSKSac	SKSac	18 04 07.9	+1.9
ARA0				eP	SS	18 07 56.7	+2.6
ARA0				eSS	SS	18 14 16.2	+3.4
ARA0				IvMS_BB	IvMS_BB	18 47 22.0	
ARCES	ARCESS Array B	114.94	344	Pdif	Pdif	17 53 34.4	+1.4
ARCES				PKIKP	PKIKP	17 57 19.8	-2.1
ARCES				PKKPbc	PKKPbc	17 50 59.6	-1.6
ACON	Acovapas	114.99	82	eP	Pdif	17 53 37.3	+3.0
JTS	Las Juntas de	115.01	84	PKP	PKIKP	17 57 25.5	+1.9
JTS	Las Juntas de	115.01	84	IAMS_20	IAMS_20	18 35 25.1	
JTS	Las Juntas de	115.01	84	eP	Pdif	17	

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like MAHO, PRPB, MCPB, CMAH, etc.

WEL 08:17:43:23.70.4.42°S, 174°E, h29km, 3km, M2.3/14, ML2.6/13, MLV2.3/14, Error ellipse: s-maj=0.0km s-min=0.0km az=134.7, confirmed, Cook Strait

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like THZ, NZX, THZ, etc.

IDC 08:17:46:11.7:1.2, 11°38'S, 161°85'E, h0km, mb5.3/17, mbmp5.3/18, ML4.4/1, Error ellipse: s-maj=31.2km s-min=26.9km az=128.0

NEIC 08:17:46:23.6:2.6, 10°22'S, 0°16'11.08"E, h35km, 2km, mb5.7/25, Error ellipse: s-maj=19.9km s-min=4.3km az=161.0

ISC 08:17:46:19.3:1.4, 10°8'S, 0°3'161.4"E, h28km, n53, 19°59'51", mb5.5/27, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like BATI, JOW, OPA, etc.

JMA 08:17:46:48.1:0.3, 37°11'N, 0°5'14"E, h29km, 2km, E OFF FUKUSHIMA PREF, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like JFD, JFK, JHO, etc.

IDC 08:17:48:03.7:5, 11°07'S, 162°22'E, h0km, mb4.9/9, mbmp4.9/9, Error ellipse: s-maj=197.0km s-min=30.0km az=118.0

mb5.0/23, Error ellipse: s-maj=21.4km s-min=16.4km az=69.0

ISC 08:17:48:11.6:1.2, 10°9'S, 0°1'161.6"E, h35km, n38, 19°52'39", mb5.0/20, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like HNR, CTAO, EIDS, etc.

ASAR Alice Springs 29.25 241 P P 17 54 11.1 +0.4

TOO Toolangi 30.27 206 P P 17 54 21.4 +1.9

JAGI Jaga, Banyuwaja 46.76 269 P P 17 56 37.6 -0.4

JMM Monobe 51.56 330 P P 17 57 14.1 -0.4

JMM Marumori 52.22 339 P P 17 57 20.0 +0.8

JKA Kamikawa-asahi 57.36 344 P P 17 57 50.7 +0.7

ASAJ Asahikawa 57.36 344 P P 17 57 56.7 +0.4

KSRK Korea Array 57.48 328 P P 17 57 57.4 +0.1

USRK Ussuriysk Arr. 61.02 336 P P 17 58 22.0 +0.3

USRK Ussuriysk Arr. 61.02 336 P P 17 58 22.4 +0.8

KULM Kulim 62.71 282 P P 17 58 33.0 -0.7

CMAR Chiang Mai Arr 68.28 295 P P 17 59 10.3 +0.7

CHTO Chiang Mai 68.40 295 P P 17 59 11.8 +0.4

ULN Ulanbaatar 75.77 326 P P 17 59 55.2 +1.1

SONM Songino Array 76.12 325 P P 17 59 56.8 +0.8

SONM Songino Array 76.12 325 P P 17 59 57.3 +1.2

HYBB Hyderabad (bro) 86.64 288 eSKSac P 18 00 51.1 -0.2

DKAD Kodiak Island 78.23 20 P P 17 58 14.8 -0.1

ULN Ulanbaatar 75.66 326 P P 17 58 05.9 +3.4

YAK Yakutsk 76.74 345 P P 17 58 06.7 -1.0

YAK Yakutsk 76.74 345 P P 17 58 06.9 -0.8

YAK Yakutsk 76.74 345 P P 17 58 06.9 -0.8

YAK Yakutsk 76.74 345 P P 17 58 06.9 -0.8

YAK Yakutsk 76.74 345 P P 17 58 06.9 -0.8

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YAK Yakutsk 76.74 345 P P 17 58 06.9 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Westbrook Farm, Pleasant, Vicksburg, White Oak Lake, etc.

NCEDC 08 18:08:05.4+1.9, 40.47N, 0.04, 126.22W, 0.09, h12km, 2km, Error ellipse: s-maj=11.8km s-min=7.5km az=262.0

NEIC 08 18:08:02.4+1.9, 40.42N, 0.07, 126.35W, 0.09, h10km, 1.3km, ML3.4/4.1, ML3.2/6(NECDC), Error ellipse: s-maj=11.0km s-min=8.7km az=49.0, Off coast of northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Capetown, Slide Mountain, Mount Pierce, etc.

KOLA 08 18:12:48.4, 66.84N, 19.44E, h0km, ML2.8
UPP 08 18:12:50.6, 0.1, 67.07N, 20.89E, h0km, ML1.7, Explosion
IDC 08 18:12:53.6, 0.9, 67.09N, 21.77E, h0km, mbmp3.2/4, ML2.0/4, Error ellipse: s-maj=19.5km s-min=7.5km az=117.0

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

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

JMA 08 18:14:47.2, 0.1, 44.1N, 0.3, 145.1E, 0.3, h1km, 1km, MV2.5/20, SHIRETOKO PENINSULA REG
JMA Felt II J1 at SHIRETOKO PENINSULA REG
SKHL 08 18:14:47.2, 0.5, 44.20N, 145.20E, h2km, 6km, mb4.1/2
ISC 08 18:14:44.6, 1.2, 44.13N, 0.05, 145.21E, 0.05, h15km, 8km, n11, t+104/19, Hokkaido region

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

IDC 08 18:16:47.0, 1.4, 10.58S, 161.17E, h0km, mb4.1/8, mbmp4.1/8, Error ellipse: s-maj=33.2km s-min=29.5km az=127.0
NEIC 08 18:16:52.3, 2.6, 10.3S, 0.2, 161.0E, 0.1, h35km, 2km, mb4.0/4, Error ellipse: s-maj=40.5km s-min=11.1km az=28.0
ISC 08 18:16:55.9, 0.9, 10.51S, 0.10, 160.9E, 0.2, h62km, n16, c193/11.6, mb3.9/10, Bougainville-Solomon Islands region

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

mb4.2/9, Error ellipse: s-maj=13.5km s-min=6.1km az=326.0

ISC 08 18:20:21.1, 0.6, 10.77S, 0.07, 161.55E, 0.09, h28km, n32, c072/33, mb4.2/18, Bougainville-Solomon Islands region

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

IDC 08 18:22:47.0, 0.7, 10.50S, 161.46E, h0km, mb4.4/16, mbmp4.4/17, ML4.7/1, Error ellipse: s-maj=21.6km s-min=16.9km az=107.0

ISC-EH 08 18:22:54.0, 10.58S, 161.40E, h53km, 9km, Error ellipse: s-maj=8.3km s-min=5.8km az=79.0

NEIC 08 18:22:53.1, 1.6, 10.5S, 0.1, 161.4E, 0.1, h35km, 2km, mb4.4/15, Error ellipse: s-maj=26.3km s-min=12.2km

ISC 08 18:22:52.5, 0.6, 10.53S, 0.07, 161.41E, 0.09, h35km, n43, c1517/44, mb4.3/21, Bougainville-Solomon Islands region

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

8d 18h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other technical details for various stations like SONMI, YAK, KDAK, etc.

ISC 08 18:23:47.0,0.5,101.715S,161.120E,h0km,mb4.7/24, mblmp=4.7/27,ML4,S/3,MS6.6/1,Error ellipse: s-maj=17.6km s-min=12.4km az=83.0

ISLANDS REGION

Main table listing stations in the Islands region with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other technical details.

2016 DEC

Main table listing stations with columns: Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other technical details.

530

Main table listing stations with columns: Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other technical details.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Coleen River, Camden Bay, Edwards Air Force, Jago River, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Honiara, Charters Tower, Warramunga Arr, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Honiara, Warramunga Arr, ASAR, etc.

IDC 08 18:26:43.9.2.1, 10:77Sx161:66E, h0km, mb4.0/6, mbmp4.1/8, ML4.9/2, Error ellipse: s-maj=45.0km s-min=31.9km az=101.0

IDC 08 18:28:48.4.0.7, 10:70Sx161:37E, h0km, mb4.4/17, mbmp4.4/19, ML4.1/2, Error ellipse: s-maj=20.4km s-min=16.2km az=82.0

IDC 08 18:43:23.5.1.1, 10:48Sx161:03E, h0km, mb3.9/9, mbmp3.9/11, ML3.7/2, Error ellipse: s-maj=26.3km s-min=19.8km az=92.0

IDC 08 18:46:30.7.1.1, 10:38Sx161:45E, h0km, mb3.9/8, mbmp3.9/8, Error ellipse: s-maj=33.8km s-min=26.6km az=151.0

8hr 18h

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

ISC 08 18:48:53.0-0.9, 10.82S:161.30E, h0km, mb4.4/17, mbtmp4.4/20, ML2, 1/1, Error ellipse: s-maj=23.0km s-min=16.7km az=114.0

ISC-EH 08 18:48:57.9, 10.89S:161.24E, h28km, 2km, Error ellipse: s-maj=6.4km s-min=6.0km az=80.0

NEIC 08 18:48:59.4-2.6, 10.92S:161.22E:0.09, h35km, 1km, mb4.9/39, Error ellipse: s-maj=18.2km s-min=10.7km az=228.0

ISC 08 18:48:56.6-0.4, 10.89S:161.24E:0.07, h18km, n86, c1546/88, mb4.7/38, Bougainville-Solomon Islands region

Main table of station data for the 8hr 18h period, including codes, station names, and coordinates.

2016 DEC

Main table of station data for the 2016 DEC period, including codes, station names, and coordinates.

532

Main table of station data for the 532 period, including codes, station names, and coordinates.

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

IDC 08 18:59:22.8±1.0, 10.43'S; 161.39'E, h0km, mb4.0/10, mbtmp4.1/12, ML4.1/2, Error ellipse: s-maj=27.2km s-min=20.7km az=88.0

NEIC 08 18:59:28.8±1.9, 10.55'S; 0.1x161.30E±0.10, h35km, n9km, mb4.6/8, Error ellipse: s-maj=21.3km s-min=4.7km az=220.0

ISC 08 18:59:28.2±0.7, 10.48'S; 0.09x161.3E±0.1, h35km, n29, 0.84/29, mb4.2/14, Bougainville-Solomon Islands region

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

IDC 08 18:59:51.6±1.0, 10.65'S; 161.29'E, h0km, mb4.1/13, mbtmp4.2/14, ML5.1/1, Error ellipse: s-maj=27.7km s-min=21.1km az=113.0

NEIC 08 18:59:55.5±2.1, 10.77'S; 0.08x161.33E±0.09, h35km, 2km, mb4.7/24, Error ellipse: s-maj=17.4km s-min=11.7km az=51.0

ISC 08 18:59:55.6±0.5, 10.75'S; 0.07x161.32E±0.07, h35km, n53, 0.13/47, mb4.6/28, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, TPUB Ta-pu, etc.

IDC 08 19:01:04.8±1.3, 10.48'S; 161.31'E, h0km, mb4.1/7, mbtmp4.2/9, ML4.0/2, Error ellipse: s-maj=36.3km s-min=25.4km az=30.0

ISC 08 19:01:09.1±1.1, 10.55'S; 0.2x161.41E±0.2, h35km, n10, 0.10/77, mb4.2/7, Bougainville-Solomon Islands region

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

IDC 08 19:02:42.1±0.6, 10.64'S; 161.42'E, h0km, mb4.4/18, mbtmp4.4/21, ML4.8/3, Error ellipse: s-maj=18.1km s-min=15.1km az=81.0

NEIC 08 19:02:46.9±1.8, 10.75'S; 0.08x161.5E±0.1, h25km, 6km, mb4.6/24, Error ellipse: s-maj=17.3km s-min=6.0km az=55.0

ISC-EH 08 19:02:49.9, 10.73'S; 161.48'E, h61km, Error ellipse: s-maj=7.5km s-min=6.1km az=67.0

ISC 08 19:02:47.1±0.4, 10.72'S; 0.06x161.49E±0.07, h35km, n55, 0.19/67, mb4.4/31, Bougainville-Solomon Islands region

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

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

IDC 08 19:03:28.0±0.6, 10.69'S; 161.16'E, h0km, mb4.6/21, mbtmp4.6/24, ML4.6/3, Error ellipse: s-maj=16.0km s-min=13.4km az=79.0

ISC-EH 08 19:03:31.1, 10.83'S; 161.39'E, h19km, 2km, Error ellipse: s-maj=6.3km s-min=5.0km az=153.0

NEIC 08 19:03:33.7±2.4, 10.85'S; 0.1x161.49E±0.10, h35km, 2km, mb5.0/57, Error ellipse: s-maj=17.0km s-min=14.9km az=221.0

ISC 08 19:03:32.1±0.3, 10.81'S; 0.05x161.41E±0.06, h28km, n170, 0.16/172, mb5.0/60, 3C, Bougainville-Solomon Islands region

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

IDC 08 19:04:11.8, 10.77'S; 161.33'E, h0km, mb4.1/13, mbtmp4.2/14, ML5.1/1, Error ellipse: s-maj=27.7km s-min=21.1km az=113.0

NEIC 08 19:04:11.8, 10.77'S; 0.08x161.33E±0.09, h35km, 2km, mb4.7/24, Error ellipse: s-maj=17.4km s-min=11.7km az=51.0

ISC 08 19:04:11.8, 10.77'S; 0.07x161.32E±0.07, h35km, n53, 0.13/47, mb4.6/28, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station details. Includes stations like MBWA Bone, KAPPI Kappang, KAPI Kappang, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station details. Includes stations like G23K Bananza Creek, M27K Edge Creek, SCRK Sand Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station details. Includes stations like mbmp4.3/12, Error ellipse: s-maj=18.3km s-min=5.8km, VAO 08 19:07:21.3, etc.

8d 19h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lac du Bonnet, Alice Springs, Zalesovo Beam, etc.

KRNET 08 19:07:22.4-0.1, 39.33N-74.05E, mb3.1
ISC 08 19:07:23.4-2.8, 39.38N-0.09, 74.04E, h2km, 18km,
n9, s269/18, 17C-2D, Southern Xinjiang

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

IDC 08 19:10:59.5-0.6, 10.58Sx161.08E, h0km, mb4.4/21,
mbtmp4.3/23, ML3.9/2, Error ellipse: s-maj=17.7km
s-min=12.9km az=88.0

ISC-EH 08 19:11:04.4, 10.50S-161.05E, h32km, 2km, Error ellipse:
s-maj=6.7km s-min=5.5km az=113.0

NEIC 08 19:11:05.6-2.3, 10.48S-161.05E-0.1, h36km, 7km,
mb4.8/40, Error ellipse: s-maj=15.1km s-min=7.3km
az=75.0

NOU 08 19:11:06.9, 10.44S-161.14E, h58km, mb4.7/9, Solomon
Islands

ISC 08 19:11:04.7-0.4, 10.51S-161.07E-0.07, h35km, n84,
s122/91, mb4.7/39, Bougainville-Solomon Islands
region

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

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Alice Springs, Kununurra, BBOO, etc.

IDC 08 19:14:40.4-2.8, 10.40Sx161.02E, h0km, mb3.9/6,
mbtmp3.9/7, ML4.2/1, Error ellipse: s-maj=63.2km
s-min=28.0km az=98.0

ISC 08 19:14:47.6-4.0, 10.40S-160.6E-0.5, h35km, n8,
s113/7, mb3.8/6, Bougainville-Solomon Islands region

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

IDC 08 19:14:40.4-2.8, 10.40Sx161.02E, h0km, mb3.9/6,
mbtmp3.9/7, ML4.2/1, Error ellipse: s-maj=63.2km
s-min=28.0km az=98.0

ISC 08 19:14:47.6-4.0, 10.40S-160.6E-0.5, h35km, n8,
s113/7, mb3.8/6, Bougainville-Solomon Islands region

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

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MOS 08 19:15:37.9-0.9, 10.42Sx161.25E, h47km, mb5.3/34, Error
ellipse: s-maj=8.4km s-min=7.4km az=54.9

ISC-EH 08 19:15:38.7, 10.53S-161.33E, h40km, 4km, Error ellipse:
s-maj=4.1km s-min=3.1km az=141.0

NEIC 08 19:15:38.8-1.9, 10.46S-161.28E-0.09, h38km, 6km,
mb5.1/47, Error ellipse: s-maj=14.4km s-min=9.7km
az=51.0

IDC 08 19:15:39.2-2.0, 10.46Sx161.35E, h54km, 16km, mb4.5/25,
mbtmp4.8/29, ML5.1/3, Error ellipse: s-maj=15.1km
s-min=10.6km az=79.0

ISC 08 19:15:38.1-0.3, 10.48S-161.36E-0.06, h35km, n457,
s117/49, mb5.1/35, 10C-3D, Bougainville-Solomon
Islands region

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

8d 19h

M30M	Minto, Yukon	86.87	24	P	P	19 28 19.5 +0.6
E25K	Arctic Village	86.91	17	P	P	19 28 20.7 +1.7
PKM	McPherson Peak	86.92	54	P	P	19 28 21.0 +1.0
C24K	Franklin Bluff	87.06	15	P	P	19 28 21.3 +1.7
H27K	Steamboat Moun	87.06	20	P	P	19 28 21.3 +1.5
F26K	Sheenik River	87.08	18	P	P	19 28 21.3 +1.5
AFDM	Forest Hills D	87.10	50	P	P	19 28 20.8 +0.2
K29M	Barlow Dome	87.22	23	P	P	19 28 21.8 +1.0
J29M	Klondike Camp	87.27	22	P	P	19 28 22.1 +1.2
J29M	Klondike Camp	87.27	22	P	P	19 28 22.9 +2.0
G27K	Doyon Strip	87.35	19	P	P	19 28 22.4 +1.2
D25K	Kavik River	87.43	16	P	P	19 28 23.0 +1.5
P33M	Teslin, Yukon	87.45	27	P	P	19 28 24.0 +2.1
DGZ	Jazzartor, Alta	87.75	321	i	P	19 28 20.8 -2.8
DGZ						
R33M	Jennings River	87.94	28	P	P	19 28 26.2 +1.8
DLBC	Dease Lake	88.00	29	P	P	19 28 26.0 +1.4
FARO	Faro, Yukon	88.12	25	P	P	19 28 25.2 +0.3
E27K	Coleen River	88.15	18	P	P	19 28 27.5 +2.6
ISA	Isabella, Lake	88.17	53	P	I	19 28 25.5 -0.4
ISA	Isabella, Lake	88.17	53	P	I	19 28 30.4
ISA	Isabella, Lake	88.17	53	P	P	19 28 27.3 +1.4
ISA	Isabella, Lake	88.17	53	P	P	19 28 25.5 -0.4
C26K	Camden Bay	88.20	16	P	P	19 28 27.3 +2.1
C27K	Jago River	88.36	17	P	P	19 28 27.9 +2.0
EDW2	Edwards Air Fo	88.37	54	P	P	19 28 28.0 +1.2
MOD	Moodie Plateau	88.39	47	P	P	19 28 26.7 -0.1
BFSC	Mount Baldy Ra	88.45	58	P	P	19 28 28.2 +0.7
CWC	Cottonwood Cre	88.67	53	P	P	19 28 28.6 +0.3
TIN	Tinemaha, Big	88.70	52	P	P	19 28 29.9 +1.5
LRMC	Laurel Mtn Rad	88.76	54	P	P	19 28 30.2 +1.4
LHV	Little Huntton	88.78	51	P	P	19 28 28.1 -0.4
EPYK	Eagle Plains	88.79	21	P	P	19 28 28.1 +0.1
EPYK						
EPYK	Eagle Plains	88.79	21	P	P	19 28 28.8 +0.8
DSP	Deep Springs	88.98	52	P	P	19 28 28.8 -0.7
DSP						
NVAR	Mina Array Bea	88.98	51	P	P	19 28 29.7 -0.1
NVAR	Mina Array Bea	88.98	51	P	P	19 28 29.5 -0.3
NVAR	Manual Prospec	89.05	53	P	P	19 28 30.8 +0.6
NV11	Mina Array Sit	89.09	51	P	P	19 28 31.0 +0.7
NV11						
MMPY	Sheldon Lake,	89.16	25	P	P	19 28 31.0 +1.1
MONP2	Monument Peak	89.18	56	P	P	19 28 31.5 +0.7
G30M	taoh Zrai Nji	89.26	20	P	P	19 28 31.9 +1.7
KVN	Kaiserville	89.29	50	P	P	19 28 31.4 +0.2
KVN						
KVN	Kaiserville	89.29	50	P	P	19 28 31.4 +0.2
KVN						
PFO	Pinyon Flats O	89.31	56	P	P	19 28 32.2 +0.8
PFO						
PFO	Pinyon Flats O	89.31	56	P	P	19 28 31.6 +0.3
PFO						
GRAC	Grapevine Rang	89.36	52	P	P	19 28 32.6 +1.2
IKP	In-Ko-Pah, Jac	89.38	57	P	P	19 28 32.8 +1.1
GSC	Goldstone, Bar	89.41	54	P	P	19 28 31.1 -0.7
GSC						
GSC	Goldstone, Bar	89.41	54	P	P	19 28 33.1 +1.4
GSC						
GSC	Goldstone, Bar	89.41	54	P	P	19 28 31.1 -0.7
GSC						
QSM	Queen of Sheba	89.51	53	P	P	19 28 32.9 +0.8
QSM						
YUH	Yuha Desert	89.53	57	P	P	19 28 32.6 +0.3
YUH						
FURC	Furnace Creek,	89.63	53	P	P	19 28 33.5 +0.9
HEC	Hector,Ludlow	89.68	55	P	P	19 28 33.7 +0.7
SWSC	Sam W. Stewart	89.70	57	P	P	19 28 34.8 +1.7
GWY	Greenwater Val	89.72	53	P	P	19 28 33.4 +0.2
WVOR	Wild Horse Val	89.72	47	P	P	19 28 33.9 +0.8
WVOR						
TPH	Tonopah	89.72	51	P	P	19 28 33.9 +0.6
TPH						
TPH	Tonopah	89.72	51	P	P	19 28 33.9 +0.6
TPH						
BELC	Belle Mtn, Jos	89.77	55	P	P	19 28 34.5 +1.0
WCT	Wildcat Mounta	89.89	53	P	P	19 28 34.7 +0.8
WCT						
SHOC	Shoshone, 1.2s	89.97	54	P	P	19 28 35.5 +1.3
J08A	Circle Bar Ran	90.07	46	P	P	19 28 34.8 +0.2
J08A						
BC3	Big Chuckawall	90.14	56	P	P	19 28 36.1 +0.9
TUQ	Turquoise Moun	90.14	54	P	P	19 28 35.6 +0.4
MK31	Makanchi Array	90.18	318	P	P	19 28 33.7 -1.3
MK31						
MK31	Makanchi Array	90.18	318	P	P	19 28 33.7 -1.3
MK31						
MKAR	Makanchi Array	90.18	318	P	P	19 28 33.9 -1.1
MKAR						
MKAR	Makanchi Array	90.21	48	P	P	19 28 33.5 -1.5
MKAR						
MKAR	Pilot Rock	90.21	44	P	P	19 28 34.6 -0.7
MKAR						
GMRC	Granite Mountai	90.21	55	P	P	19 28 36.6 +1.0
TPNV	Topopah Spring	90.22	53	P	P	19 28 35.8 +0.2
TPNV						
TPNV	Topopah Spring	90.22	53	P	P	19 28 35.8 +0.2
TPNV						
TPNV	Topopah Spring	90.22	53	P	P	19 28 35.8 +0.2
TPNV						
BMN	Battle Mountai	90.27	49	P	P	19 28 35.8 +0.1
BMN						
BMN	Battle Mountai	90.27	49	P	P	19 28 35.8 +0.1
BMN						
MAK2	Makanchi	90.40	318	P	P	19 28 34.3 -1.7

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MAKZ							I	Amb	I	Amb	19 28 36.2
MAK2	Makanchi	90.40	318	P	P	19 28 34.3 -1.7					
MAK2											
IRM	Iron Mountain	90.50	55	P	P	19 28 37.7 +0.9					
GLA	Glamis	90.52	57	P	P	19 28 37.0 +0.1					
GLA	Glamis	90.52	57	P	P	19 28 37.0 +0.1					
ZALV	Zalesovo Beam	90.60	325	P	P	19 28 35.1 -1.6					
D08A	Wollman Farm,	90.68	42	P	P	19 28 37.9 +0.6					
B08A	Colville Reser	90.74	41	P	P	19 28 37.5 -0.1					
B08A											
INK	Inuvik	90.80	20	P	P	19 28 37.7 +0.4					
INK											
INK	Inuvik	90.80	20	P	P	19 28 37.7 +0.4					
INK											
INK	Inuvik	90.80	20	P	P	19 28 37.7 +0.4					
INK											
SHPR	Sheep Range,	90.98	53	P	P	19 28 40.0 +0.9					
R11A	Troy Canyon, C	91.04	51	P	P	19 28 40.1 +0.7					
R11A											
R11A	Troy Canyon, C	91.04	51	P	P	19 28 40.3 +0.9					
Y12A	Nelson	91.06	54	P	P	19 28 40.1 +0.7					
E09A	Wood Farm, Sta	91.06	43	P	P	19 28 40.2 +1.1					
BMO	Blue Mountains	91.24	45	P	P	19 28 39.4 -0.7					
BMO	Blue Mountains	91.24	45	P	P	19 28 39.4 -0.7					
PRN	Pahroc Range	91.25	52	P	P	19 28 41.0 +0.7					
C09A	Chrisman Ranch	91.29	42	P	P	19 28 40.5 +0.4					
C09A											
BELA	Belgrano 2	91.33	177	P	P	19 28 38.7 -1.1					
PDMCI	Parker Dam,Lak	91.34	56	P	P	19 28 42.1 +1.4					
F10A	Beach Ranch, E	91.56	44	P	P	19 28 41.5 0.0					
F10A											
ELK	Elko	91.81	49	P	P	19 28 43.6 +0.6					
ELK	Elko	91.81	49	P	P	19 28 43.6 +0.6					
MFID	Camas Ranch	91.96	46	P	P	19 28 44.3 +0.9					
MFID											
214A	Organ Pipe Nat	91.97	58	P	P	19 28 44.3 +0.6					
SPR3	Spring Creek 3	92.14	51	P	P	19 28 44.7 0.0					
SPR3											
NEW	Newport	92.15	41	P	P	19 28 44.0 -0.1					
NEW											
NEW	Newport	92.15	41	P	P	19 28 44.2 +0.1					
NEW											
NEW	Newport	92.15	41	P	P	19 28 44.0 -0.1					
NEW											
PLID	Pearl Lake	92.20	45	P	P	19 28 44.5 -0.2					
PLID											
LCMT	Little Creek M	92.53	59	P	P	19 28 44.9 -1.7					
LCMT											
KNB	Kanab	92.92	53	P	P	19 28 47.6 -0.5					
KNB	Kanab	92.92	53	P	P	19 28 47.6 -0.5					
HLID	Hailey	92.99	46	P	P	19 28 49.1 +0.8					
HLID											
HLID	Hailey	92.99	46	P	P	19 28 49.3 +1.0					
HLID											
ELIB	Princess Elisa	93.22	192	d	P	19 28 48.1 -0.7					
KURK	Kurchatov	93.47	31	P	P	19 28 48.7 -1.4					
KURBS	Kurchatov Arra	93.51	321	P	P	19 28 48.7					

8d 19h

L19K	comp=Z,8.1nm,1.1s	I Amb	I Amb	19 41 22.8
L19K	White Mountain baz=273	26.14	52 P	19 41 21.7 +0.7
O18K	Koktu Hills	26.15	57 P	19 41 21.7 +0.6
P18K	Big Mountain,	26.20	58 P	19 41 21.7 +0.2
P18K	comp=Z,2.1nm,1.1s	I Amb	I Amb	19 41 42.3
P18K	Big Mountain,	26.20	58 P	19 41 22.1 +0.6
M19K	Big River Lodg	26.37	52 P	19 41 23.2 +0.2
M19K	comp=Z,1.1nm,1.2s	I Amb	I Amb	19 41 26.9
M19K	Big River Lodg	26.37	52 P	19 41 23.7 +0.8
N19K	Bonanza Creek	26.41	55 P	19 41 24.2 +0.8
N19K	comp=Z,8.7nm,0.8s	I Amb	I Amb	19 41 25.0
N19K	Bonanza Creek	26.41	55 P	19 41 24.3 +0.8
Q18K	Katmai Hardscr	26.42	60 P	19 41 24.2 +0.6
J20K	Nowinta River	26.44	47 P	19 41 23.6 0.0
J20K	comp=Z,1.1nm,0.7s	I Amb	I Amb	19 41 24.6
J20K	Nowinta River	26.44	47 P	19 41 24.2 +0.7
K20K	Telida	26.47	49 P	19 41 24.1 +0.3
K20K	Telida	26.47	49 P	19 41 24.5 +0.6
L20K	Forewell, AK	26.58	51 P	19 41 25.2 +0.4
IMAR	Indian Mountai	26.69	43 P	19 41 25.2 -0.6
A21K	Barrow	26.70	31 P	19 41 26.0 +0.3
G21K	Allakaket	26.83	42 P	19 41 27.5 +0.5
F21K	Alatina River	26.91	40 P	19 41 28.0 +0.2
M20K	Styx River	26.96	52 P	19 41 28.8 +0.4
M20K	comp=Z,2.0nm,1.5s	I Amb	I Amb	19 41 31.6
M20K	Styx River	26.96	52 P	19 41 28.8 +0.4
H21K	Melozitna Rive	27.06	44 P	19 41 29.0 -0.1
H21K	comp=Z,8.5nm,0.6s	I Amb	I Amb	19 41 30.0
H21K	Melozitna Rive	27.06	44 P	19 41 29.3 +0.2
Q19K	Cape Douglas,	27.07	59 P	19 41 29.6 +0.2
ILSW	Iliamna Southw	27.16	56 P	19 41 30.6 +0.4
ILSW	comp=Z,4.8nm,1.5s	I Amb	I Amb	19 41 52.5
CHUM	Lake Minchumin	27.24	48 P	19 41 31.1 +0.4
RSO	Redoubt South	27.29	55 P	19 41 32.2 +0.8
PPLA	Purkeypile	27.34	50 P	19 41 32.9 +1.1
PPLA	Purkeypile	27.34	50 P	19 41 33.1 +1.4
CAST	Castle Rocks	27.36	49 P	19 41 32.5 +0.7
CAST	comp=Z,9.7nm,0.5s	I Amb	I Amb	19 41 33.2
CAST	Castle Rocks	27.36	49 P	19 41 32.7 +0.9
I21K	Tanana	27.39	45 P	19 41 32.8 +0.8
F22K	John River	27.45	40 P	19 41 33.1 +0.6
N20K	Mount Spurr	27.47	54 P	19 41 34.1 +1.3
OHAK	Old Harbor	27.60	62 P	19 41 33.0 -0.9
OHAK	Old Harbor	27.60	62 P	19 41 33.9 0.0
E22K	Anaktuvuk Pass	27.65	38 P	19 41 34.8 +0.5
H22K	Ishtaitna Cre	27.66	43 P	19 41 35.1 +0.7
SKT	Skwentna	27.71	52 P	19 41 33.9 -1.0
SKT	comp=Z,1.5nm,1.5s	I Amb	I Amb	19 41 43.7
SKT	Skwentna	27.71	52 P	19 41 35.3 +0.4
KDAK	Kodiak Island	27.85	61 P	19 41 35.8 -0.3
KDAK	comp=Z,4.5nm,0.4s,baz=322,slow=11,SNR=28			
KDAK	Kodiak Island	27.85	61 P	19 41 36.1 0.0
KDAK	Kodiak Island	27.85	61 P	19 41 36.1 0.0
KTH	Kantishna Hill	27.87	48 P	19 41 36.9 +0.5
KTH	comp=Z,5.0nm,1.3s	I Amb	I Amb	19 41 42.6
MLY	Manley	27.91	45 P	19 41 37.4 +0.7
MLY	comp=Z,2.9nm,1.4s	I Amb	I Amb	19 41 38.0
MLY	Manley	27.91	45 P	19 41 37.4 +0.7
JNU	Nakatsue	27.93	23 P	19 41 37.5 +0.4
JNU	comp=Z,6.3nm,0.7s,baz=0.1,slow=21,SNR=2.2			
JNU	Nakatsue	27.93	23 P	19 41 37.5 +0.4
SUA	Susitna One	28.14	53 P	19 41 40.2 +3.0
TRF	Thorofore Moun	28.16	49 P	19 41 39.6 +0.5
TRF	Thorofore Moun	28.16	49 P	19 41 39.6 +0.5
D23K	Nanushuk River	28.17	37 P	19 41 39.8 +1.0
COLD	Coldfoot	28.19	40 P	19 41 39.5 +0.4
COLD	comp=Z,1.0nm,0.8s	I Amb	I Amb	19 41 40.6
COLD	Coldfoot	28.19	40 P	19 41 39.6 +0.5
CNP1	China Foot	28.19	57 P	19 41 38.3 -0.9
G23K	Bananza Creek	28.23	42 P	19 41 39.8 +0.3
CUT	Chulitna	28.26	51 P	19 41 38.5 -1.1
CUT	Chulitna	28.26	51 P	19 41 39.8 +0.7
C23K	Ikilik River	28.31	35 P	19 41 40.7 +0.6
BRLK	Bradley Lake	28.32	56 P	19 41 39.3 -1.1
BRSE	Bradley Lake S	28.32	56 P	19 41 41.3 +0.3
H23K	Yukon River	28.41	43 P	19 41 41.8 +0.7
H23K	comp=Z,1.3nm,0.7s	I Amb	I Amb	19 41 42.7
E23K	Chandalar	28.47	39 P	19 41 42.2 +0.6
BWN	Browne	28.49	47 P	19 41 42.2 +0.5
I23K	Minto, Yukon-K	28.49	45 P	19 41 42.5 +0.7
I23K	comp=Z,7.5nm,0.7s	I Amb	I Amb	19 41 42.7
I23K	Minto, Yukon-K	28.49	45 P	19 41 42.5 +0.7
TOLK	Toolik Lake Re	28.53	38 P	19 41 42.5 +0.4
TOLK	comp=Z,7.8nm,0.7s	I Amb	I Amb	19 41 43.3
TOLK	Toolik Lake Re	28.53	38 P	19 41 42.2 +0.1
NEA2	Nenana	28.64	46 P	19 41 43.4 +0.4
NEA2	comp=Z,1.2nm,0.6s	I Amb	I Amb	19 41 45.6
NEA2	Nenana	28.64	46 P	19 41 43.4 +0.4
JCJ	Chichijima	28.74	210 P	19 41 45.7 +1.4
JCJ	comp=Z,5.8nm,0.9s,baz=273,SNR=6.6			
MCK	McKinley	28.75	48 P	19 41 44.3 +0.2
MCK	comp=Z,5.8nm,0.9s	I Amb	I Amb	19 41 45.5
MCK	McKinley	28.75	48 P	19 41 44.3 +0.2
MCK	comp=Z,1.3nm,0.6s	I Amb	I Amb	19 41 45.5
MCK	McKinley	28.75	48 P	19 41 44.7 +0.7
MCK	comp=Z,2.75,SNR=6.9			
MCK	McKinley	28.75	48 P	19 41 44.3 +0.2
MCK	comp=Z,1.3nm,0.6s	I Amb	I Amb	19 41 45.5
O22K	Cooper Landing	28.77	55 P	19 41 44.5 +0.2
RND	Reindeer	28.81	49 P	19 41 44.3 -0.4
RND	comp=Z,1.1nm,0.9s	I Amb	I Amb	19 41 45.1
RND	Reindeer	28.81	49 P	19 41 44.3 -0.4
RND	comp=Z,1.1nm,0.9s	I Amb	I Amb	19 41 45.1
PMR	Palmer	28.89	52 P	19 41 45.4 +0.1
E24K	Your Creek	28.89	39 P	19 41 46.0 +0.7
E24K	comp=Z,2.79			

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C24K	Franklin Bluff	28.95	35 P	19 41 46.2 +0.4
SEW	Seward	28.97	55 P	19 41 45.6 -0.4
SEW	comp=Z,2.1nm,1.0s	I Amb	I Amb	19 42 14.3
SEW	Seward	28.97	55 P	19 41 45.5 -0.4
MDM	Murphy Dome	28.98	45 P	19 41 46.3 +0.2
MDM	comp=Z,8.5nm,0.8s	I Amb	I Amb	19 41 47.9
WAT1	Susitna Watana	29.00	50 P	19 41 46.1 -0.2
WRH	Wood River Hil	29.07	46 P	19 41 47.5 +0.6
H24K	Noodor Dome	29.09	43 P	19 41 47.9 +0.7
H24K	comp=Z,5.7nm,0.8s	I Amb	I Amb	19 41 47.8
H24K	Noodor Dome	29.09	43 P	19 41 47.5 +0.4
F24K	Squaw Lake	29.10	40 P	19 41 47.2 +0.1
TCOL	CIGO, UAF Yank	29.14	45 P	19 41 47.8 +0.4
COLA	College	29.14	45 P	19 41 47.5 +0.1
COLA	College	29.14	45 P	19 41 47.0 +0.3
COLA	College	29.14	45 P	19 41 47.5 +0.1
COLA	comp=Z,2.3nm,0.5s	I Amb	I Amb	19 41 48.0 +0.2
CCB	Clear Creek Bu	29.18	46 P	19 41 48.8
CCB	comp=Z,1.4nm,0.7s	I Amb	I Amb	19 41 48.8
KNK	Knik Glacier	29.23	53 P	19 41 48.5 +0.2
KNK	Knik Glacier	29.23	53 P	19 41 48.8 +0.4
SML	Sawmill	29.23	52 P	19 41 48.4 0.0
SML	Sawmill	29.23	52 P	19 41 48.9 +0.5
G24K	Hadweenzic Riv	29.25	42 P	19 41 49.4 +1.0
POKR	Poker Plat Res	29.31	45 P	19 41 49.4 +0.4
POKR	Poker Plat Res	29.31	45 P	19 41 49.6 +0.7
PWL	Port Wells	29.38	54 P	19 41 49.2 -0.4
PWL	comp=Z,1.9nm,0.9s	I Amb	I Amb	19 41 50.0
PWL	Port Wells	29.38	54 P	19 41 49.4 -0.3
WAT6	Susina Watana	29.40	50 P	19 41 49.5 -0.5
JSU	Suzuyama	29.46	233 P	19 41 51.8 +1.1
DHY	Denali Highway	29.51	49 P	19 41 50.9 -0.1
DHY	Denali Highway	29.51	49 P	19 41 51.0 +0.1
M23K	Glacier View	29.52	52 P	19 41 51.0 +0.1
IL31	Eielson Array	29.56	46 P	19 41 51.0 -0.1
ILAR	comp=Z,1.7nm,0.6s,baz=269,slow=7.8,SNR=216			
ILAR	Eielson Array	29.56	46 P	19 41 50.7 -0.5
HDA	Harding Lake	29.57	46 P	19 41 51.0 -0.2
HDA	Harding Lake	29.57	46 P	19 41 51.1 -0.2
SCM	Sheep Creek Mo	29.70	52 P	19 41 53.0 +0.5
SCM	Sheep Creek Mo	29.70	52 P	19 41 53.2 +0.6
SCM	Sheep Creek Mo	29.70	52 P	19 41 53.0 +0.5
SCM	comp=Z,3.1nm,0.7s	I Amb	I Amb	19 41 53.0 +0.5
D25K	Kavik River	29.73	36 P	19 41 53.2 +0.5
G25K	Bearman Lake	29.79	42 P	19 41 54.3 +1.2
F25K	Christian River	29.96	40 P	19 41 55.6 +0.9
E25K	Arc Village	29.99	39 P	19 41 56.0 +1.0
P23K	Montague Islan	30.00	55 P	19 41 55.5 +0.4
PRP	Porcupine Dome	30.08	44 P	19 41 56.4 +0.5
PRP	Porcupine Dome	30.08	44 P	19 41 56.4 +0.5
K24K	Donnelly Dome	30.14	47 P	19 41 56.0 -0.3
FYU	Fort Yukon	30.14	42 P	19 41 57.0 +0.7
M24K	Tolsona, Glenn	30.20	51 P	19 41 57.0 +0.2
M24K	Tolsona, Glenn	30.20	51 P	19 41 57.6 +0.7
C26K	Camden Bay	30.28	35 P	19 41 58.7 +1.3
BMAR	Burnt Mountain	30.37	40 P	19 41 58.7 +0.4
PAX	Paxson	30.39	49 P	19 41 58.7 +0.1
PAX	comp=Z,7.1nm,0.7s	I Amb	I Amb	19 42 04.4
PAX	Paxson	30.39	49 P	19 41 58.5 -0.1
PAX	Paxson	30.39	49 P	19 41 58.7 +0.1
PAX	comp=Z,7.0nm,0.7s	I Amb	I Amb	19 41 59.0 +0.1
KLU	Klutina	30.42	52 P	19 41 59.0 +0.1
F26K	Sheenjek River	30.53	40 P	19 42 01.0 +1.3
DIV	Divide	30.56	53 P	19 42 00.3 +0.2
DIV	comp=Z,1.5nm,0.8s	I Amb	I Amb	19 42 01.0
HARP	HAARP	30.62	50 P	19 42 00.7 +0.2
C27K	Jage River	30.69	36 P	19 42 01.8 +0.8
G26K	Porcupine Rive	30.70	41 P	19 42 02.3 +1.2
SCRK	Sand Creek	30.90	47 P	19 42 02.0 -1.1
SCRK	Sand Creek	30.90	47 P	19 42 02.6 -0.5
DOT	Dot Lake	30.91	48 P	19 42 01.8 -1.3
J26L	Joseph Creek	31.01	46 P	19 42 02.3 -1.8
J26L	comp=Z,4.9nm,0.7s	I Amb	I Amb	19 42 04.4
J26L	Joseph Creek	31.01	46 P	19 42 03.6 -0.4
N25K	Chitina, Valde	31.02	52 P	19 42 04.5 +0.3
N25K	comp=Z,9.1nm,0.7s	I Amb	I Amb	19 42 05.1
N25K	Chitina, Valde	31.02	52 P	19 42 04.9 +0.8
MENT	Mentasta	31.18	49 P	19 42 04.7 -0.8
RAGM	Ragged Mountai	31.25	56 P	19 42 05.5 -0.6
L26K	Log Cabin Wild	31.33	49 P	19 42 06.7 -0.1
L26K	comp=Z,5.7nm,0.7s	I Amb	I Amb	19 42 09.4
L26K	Log Cabin Wild	31.33	49 P	19 42 07.3 +0.6
E27K	Coleen River	31.47	39 P	19 42 08.6 +0.7
G27K	Doyon Strip	31.55	41 P	19 42 09.6 +1.0
M26K	Nabesna, AK	31.61		

Table with columns: Station, Comp, Az, El, P, Max, Min, Name, Az, El, P, Max, Min, Name, Az, El, P, Max, Min, Name. Includes stations like KURK, SPITS, MK31, MKAR, BRVK, EDM, LTY, B08A, NEW, F07A, PINE, WALA, YBH, ARU, F10A, TARG, ARCES, LSA, BMO, MOD, MSO, MSO, PLID, AAK, FFC, FFC, WVOR, WVOR, ORV, HRY, BEKR, EGMT, EGMT, MFID, LRM, KSH, KSH, MCMT, HLID, HLID, BCYI, BOZ, BOZ, BOZ, KK31, KK31, KKAR, KKAR, KKAR, SHL, SHL, SHL, PHRA, QLMT, WAKR, WAKR, YHL, YHL, YHB, YHB, GCMT, ABKAR, ABKAR, ABKAR.

Table with columns: Station, Comp, Az, El, P, Max, Min, Name, Az, El, P, Max, Min, Name, Az, El, P, Max, Min, Name. Includes stations like KVN, KVN, KVN, CHTO, CHTO, CM31, CMAR, CMAR, CMAR, NVAR, NVAR, LHV, LHV, ELK, ELK, NV11, RLMT, RLMT, RLMT, DGMT, FXWY, MOOW, ODAN, ODAN, LOHW, LAO, LAO, LAO, REDW, JIRN, GUN, HUN, HUN, AHID, RAMN, TPH, TPH, DSP, KKN, KKN, PKI, PKIN, BGU, LCH, LCH, DMN, GMN, HWUT, DANN, SIJI, CWC, GRAC, GRAC, GRAC, R11A, R11A, GAR, BW06, BW06, PD31, PD31, PDAR, PDAR, PDAR, PDAR, DUG, DUG, DUG, DUG, SPR3, SPR3, ISA, S11A, S11A, SBC, WCT, MPMC, JLU, JLU, TPNV, TPNV, TPNV, TPNV, FURC, NLU, NLU, FINES, LRMC, CHGR, CHGR.

Table with columns: Station, Comp, Az, El, P, Max, Min, Name, Az, El, P, Max, Min, Name, Az, El, P, Max, Min, Name. Includes stations like CHGR, GWY, PRN, QSM, ULM, ULM, EDWZ, MDND, GSC, GSC, GSC, GSC, SHPR, RDMU, TMUT, TMUT, K22A, K22A, MVU, MVU, CCUT, BFSC, P17A, RSSD, RSSD, RSSD, TUQ, SZCU, P18A, Q16A, MTPU, HEC, HEL, HEL, SRU, SRU, SRU, SRU, NIL, NIL, NIL, LCMT, V12A, V12A, ELS, KNB, KNB, KNB, MURC, GMRC, AGMN, O20A, O20A, O20A, BELC, PFO, PFO, PFO, PMD, PMD, U15A, IRM, N23A, N23A, BC3, MONP, PV23, PV23, PV11, PV11, PDMC, CBX, CBX, SWSC, PV13, IKP, PV15, PV15, BLYC, BLYC, KBL, KBL, KBL, YUH, YUH, SMC0, GLA, GLA, GLA, ISCO, ISCO, ISCO, ISCO, NOA, NOA.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WUAZ, ESJX, SBUM, Y14A, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KHC, GERES, O53A, LBNH, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CTA, CTAO, EIDS, MTSU, etc.

0.5nm,0.5s,baz=138,slow=6.3,SNR=3.3
0.5nm,0.5s

IDC 08 19:46:18.5,1.9,10.70Sx161.90E,h0km,mb3.8/6,
mbmp3.9/7,ML4.8/2,Error ellipse: s-maj=52.1km
s-min=27.1km az=132.0
NEIC 08 19:46:28.2,1.0,10.6S:0.1:161.3E:0.1,h42km,10km,
mb4.4/8,Error ellipse: s-maj=26.0km s-min=9.0km
az=51.0

ISC 08 19:46:26.4,0.8,10.5S:0.1:161.4E:0.1,h35km,n23,
c139/24,mb3.9/10,Bougainville-Solomon Islands
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Honiara, KOUNC, LIFNC, DZM, etc.

IDC 08 19:49:15.1,2.2,10.92S:161.53E,h0km,mb3.5/6,
mbmp3.5/6,ML5.3/1,Error ellipse: s-maj=54.5km
s-min=33.6km az=126.0

ISC 08 19:49:20.8,1.0,10.8S:0.1:161.4E:0.2,h28km,n8,
c091/9,mb3.4/6,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Honiara, DZM, ASAR, etc.

IDC 08 19:52:37.3,1.6,10.59S:161.48E,h0km,mb3.9/5,
mbmp3.8/6,ML3.6/1,Error ellipse: s-maj=34.2km
s-min=27.0km az=125.0

ISC 08 19:52:42.4,1.4,10.7S:0.1:161.4E:0.2,h35km,n7,
c098/9,mb3.6/5,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Honiara, WRA, ASAR, etc.

IDC 08 19:54:47.1,1.5,10.25S:161.59E,h0km,mb3.5/5,
mbmp3.6/6,ML3.7/1,Error ellipse: s-maj=32.8km
s-min=28.7km az=92.0

ISC 08 19:54:51.8,1.1,10.4S:0.1:161.6E:0.2,h35km,n7,
c150/8,mb3.5/5,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Honiara, DZM, WRA, etc.

IDC 08 19:54:59.2,4.4,0.2373S:175.90W,h0km,mb3.7/3,
mbmp3.7/3,Error ellipse: s-maj=81.07km
s-min=184.6km az=88.0,Tonga Islands region

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

IDC 08 19:57:47.2,0.6,10.71S:161.21E,h0km,mb4.5/28,
mbmp4.5/32,ML2.6/2,Error ellipse: s-maj=16.5km
s-min=13.6km az=97.0

ISC-EH 08 19:57:50.5,10.76S:161.21E,h19km,2km,Error ellipse:
s-maj=5.0km s-min=4.0km az=142.0
MOS 08 19:57:52.4,1.0,10.71S:161.08E,h41km,mb5.2/31,Error
ellipse: s-maj=8.7km s-min=8.1km az=130.2

NEIC 08 19:57:53.5,2.2,10.85S:0.08:161.11E:0.08,h37km,7km,
mb5.1/109,Error ellipse: s-maj=13.5km s-min=9.3km
az=51.0

ISC 08 19:57:53.0,0.3,10.79S:0.05:161.19E:0.06,h35km,n242,
c1930/247,mb5.0/102,3C,Bougainville-Solomon Islands
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like HNR, WRA, DZM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KAPI, TOL2, LEM, etc.

8d 20h

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like H2K3, H23K, DANN, M26K, etc.

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Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like NVAR, MPMC, NV11, MONPZ, etc.

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Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like HVU, Hansel Valley, HVU, etc.

IDD 08 20:11:12.2,0.7, 10.405x161.27E, h0km, mb4.2/15, mbtm4.3/16, ML4.5/1, Error ellipse: s-maj=24.7km s-min=17.2km az=104.0

NEIC 08 20:11:19.4, 1.2, 10.515x0.07x161.38E, 0.09, h47km, 7km, mb4.4/18, Error ellipse: s-maj=13.0km s-min=10.5km az=100.0

ISC 08 20:11:17.0, 5.0, 10.445x0.07x161.44E, 0.09, h35km, n51, 1907/52, mb4.3/22, Bougainville-Solomon Islands

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

Table with columns: STKA, Stephens Creek, 28.14 218 P, 20 17 06.0 -0.6, etc. Includes various station data for Stephens Creek, Alice Springs, Kunurra, etc.

IDD 08 20:15:33.5-3.9, 1519S-173.34W, h0km, mb3.8/3, mbtmp3.8/3, Error ellipse: s-maj=254.9km s-min=22.6km az=149.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Afiamalu, WAKE ISLAND, WARRAMUNGA ARR, etc.

IDD 08 20:22:18.3-1.8, 27.68N-126.51E, h184km, 23km, mb3.4/6, mbtmp3.9/8, Error ellipse: s-maj=40.1km s-min=14.2km az=70.0

IDD 08 20:22:18.5-0.8, 27.6N-126.74E-0.10, h200km, n14, s157/15, mb3.6/6, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Kunigami, YOH, YHNB, NACB, etc.

IDD 08 20:26:41.0-1.6, 10.68S-161.46E, h0km, mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=34.1km s-min=32.5km az=157.0

IDD 08 20:26:46.3-1.3, 10.7S-161.46E-0.2, h35km, n6, s112/7, mb3.6/5, Bougainville-Solomon Islands region

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

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IDD 08 20:27:09.5-1.2, 10.66S-161.16E, h0km, mb4.0/9, mbtmp4.0/10, ML5.0/1, Error ellipse: s-maj=38.3km s-min=26.1km az=155.0

IDD 08 20:27:14.5-0.9, 10.8S-161.22E-0.1, h35km, n11, s092/11, mb3.9/9, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Honiara, MSVF, WRA, ASAR, etc.

PRU 08 20:30:02.0-0.0, 50.12N-19.13E, h0km, Poland az=153.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like LANS, MAUC, KRLC, etc.

IDD 08 20:34:17.3-1.7, 10.58S-161.72E, h0km, mb3.8/7, mbtmp3.9/9, ML3.8/1, Error ellipse: s-maj=45.7km s-min=25.2km az=120.0

IDD 08 20:34:23.2-1.2, 10.8S-161.16E-0.2, h35km, n9, s092/10, mb3.8/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Honiara, CTA, WRA, STKA, etc.

IDD 08 20:35:01.8-1.0, 10.46S-161.09E, h0km, mb4.2/13, mbtmp4.2/14, ML4.2/1, Error ellipse: s-maj=25.9km s-min=18.5km az=116.0

NEIC 08 20:35:07.2-2.8, 10.5S-161.16E-0.2, h35km, 2km, mb4.6/14, Error ellipse: s-maj=32.2km s-min=18.2km az=73.0

IDD 08 20:35:07.2-0.6, 10.40S-161.03E-0.10, h35km, n50, s194/19, mb4.4/20, Bougainville-Solomon Islands region

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

IDD 08 20:37:35.0-3.2, 10.61S-160.53E, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=79.0km s-min=29.7km az=87.0, Bougainville-Solomon Islands region

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

8d 20h

Table with columns: YULB, NACB, TPUB, etc. Lists various station data for YULB, NACB, TPUB, etc.

IDD 08 20:35:58.0-2.2, 10.16S-161.27E, h0km, mb4.2/8, mbtmp4.1/8, Error ellipse: s-maj=74.6km s-min=34.7km az=153.0

IDD 08 20:35:59.1-1.2, 10.3S-161.46E-0.1, h10km, n9, s123/9, mb4.1/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Honiara, WRA, CMAR, etc.

SKHL 08 20:36:09.5-0.3, 45.70N-142.60E, h325km, 1km, mb4.2/2, msha4.3/1

JMA 08 20:36:09.6-0.2, 46.7N-3.14E, h320km, MV2.7/23, NE OF HOKKAIDO

IDD 08 20:36:09.3-6.6, 45.52N-142.62E-0.1, h313km, 24km, n16, s158/24, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like JWKC, JSE, JRR, etc.

IDD 08 20:37:35.0-3.2, 10.61S-160.53E, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=79.0km s-min=29.7km az=87.0, Bougainville-Solomon Islands region

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

Table with columns for call sign, location, frequency, power, and other technical details. Includes entries for stations like NANO1, SMTB, PRPB, etc.

Table with columns for call sign, location, frequency, power, and other technical details. Includes entries for stations like GOGA, LRLAL, L46A, etc.

Table with columns for call sign, location, frequency, power, and other technical details. Includes entries for stations like WWT, WWT, WWT, etc.

8d 20h

OK046	Pawnee Station	71.53 339	I	Amb	P	20 53 54.7 +0.2
OK046	comp=Z,16nm,0.9s					20 53 57.0
CCM	Cathedral Cave	71.55 344	P	Amb	P	20 53 53.4 -1.1
CCM	comp=Z,36nm,0.9s					20 53 57.0
CCM	Cathedral Cave	71.55 344	P	P	P	20 53 55.2 +0.7
CCM	Cathedral Cave	71.55 344	P	P	P	20 53 55.9 +1.4
CCM	Cathedral Cave	71.55 344	P	P	P	20 53 53.4 -1.1
CCM	comp=Z,36nm,1.0s					
CCM	Cathedral Cave	71.55 344	P	P	P	20 53 54.4 +0.1
CCM	comp=Z,36nm,1.0s					20 54 04.2 -0.8
OK050	Pawnee Station	71.55 339	I	Amb	P	20 53 54.1 -0.5
OK050	comp=Z,21nm,0.9s					20 53 57.6
OK048	Pawnee Station	71.56 339	P	Amb	P	20 53 54.2 -0.5
OK048	comp=Z,24nm,1.0s					20 53 57.7
OK045	Pawnee Station	71.58 339	I	Amb	P	20 53 54.3 -0.5
OK045	comp=Z,31nm,1.0s					
P49A	Miami Univ. Ec	71.70 350	P	P	P	20 53 56.5 +1.1
S39A	Bolivar	71.72 342	P	P	P	20 53 54.2 -1.4
S39A	comp=Z,21nm,1.1s					20 54 19.9
S39A	Bolivar	71.72 342	P	P	P	20 53 57.2 +1.6
P48A	Milroy	71.74 349	P	Amb	P	20 53 54.3 -1.4
P48A	comp=Z,35nm,0.9s					20 53 57.6
AMTX	Amarillo	71.77 334	P	Amb	P	20 53 57.8 +1.7
AMTX	comp=Z,31nm,1.1s					20 53 59.4
AMTX	Amarillo	71.77 334	P	P	P	20 53 58.3 +2.2
AMTX	comp=Z,154,SNR=6.0					
AMTX	Amarillo	71.77 334	P	P	P	20 53 57.9 +1.9
LUPA	Lehigh Unvers	71.83 357	P	Amb	P	20 53 58.3 +2.1
LUPA	comp=Z,27nm,0.8s					20 53 59.8
BRNJ	Basking Ridge	71.89 358	P	Amb	P	20 53 58.4 +1.9
BRNJ	comp=Z,48nm,1.1s					20 53 59.6
BRNJ	Basking Ridge	71.89 358	P	P	P	20 53 58.5 +2.0
T35A	Sooner Cattle	71.89 339	P	Amb	P	20 53 55.2 -1.4
T35A	comp=Z,23nm,1.1s					20 53 59.9
T35B	Sooner Cattle	71.89 339	P	P	P	20 53 58.0 +1.3
T35B	comp=Z,23nm,1.1s					
319A	Douglas	71.91 327	P	P	P	20 53 57.7 +0.7
053A	New Philadelphia	71.94 352	P	P	P	20 53 58.1 +1.2
BLOK	Blackwell	71.96 339	P	Amb	P	20 53 58.0 +0.9
BLOK	comp=Z,13nm,0.8s					20 54 00.2
SSPA	Standing Stone	72.01 355	P	P	P	20 53 58.9 +1.6
R40A	Maddies Statio	72.02 343	P	Amb	P	20 53 57.6 +0.3
R40A	comp=Z,31nm,0.9s					20 54 00.1
R40A	Maddies Statio	72.02 343	P	P	P	20 53 58.2 +0.9
R40A	comp=Z,162,SNR=12					
ELIS	Ellis County	72.04 337	P	Amb	P	20 53 57.3 -0.3
ELIS	comp=Z,52nm,1.4s					20 54 13.3
UPAO	U. Pittsburgh	72.04 353	P	P	P	20 53 58.7 +1.2
UPAO	comp=Z,173					
ACSO	Alum Creek Sta	72.14 351	P	P	P	20 53 56.7 -1.3
ACSO	Alum Creek Sta	72.14 351	P	P	P	20 53 58.9 +0.8
N58A	Sunbury	72.14 356	P	P	P	20 53 59.7 +1.7
N58A	comp=Z,176					
OK038	West end E0370	72.19 337	P	Amb	P	20 53 56.6 -1.9
OK038	comp=Z,37nm,1.1s					20 54 01.6
PAL	Palisades	72.19 358	P	P	P	20 54 00.4 +2.1
PAL	comp=Z,178					
P46A	Rosedale	72.20 348	P	Amb	P	20 53 57.8 -0.6
P46A	comp=Z,26nm,0.9s					20 54 21.5
121A	Cookes Peak, D	72.20 329	P	P	P	20 54 00.4 +1.6
121A	comp=Z,148,SNR=10.0					20 54 01.3 +2.4
121A	Cookes Peak, D	72.20 329	P	P	P	20 54 01.6 +2.8
049A	Covington	72.28 350	P	P	P	20 54 00.1 +1.2
049A	comp=Z,169,SNR=5.3					
ODNJ	Ogdensburg	72.29 358	P	P	P	20 54 00.6 +1.7
ODNJ	comp=Z,178,SNR=5.2					
OK032	Salt Plains WL	72.31 338	P	Amb	P	20 53 58.7 -0.5
OK032	comp=Z,38nm,1.3s					20 54 14.4
KAN09	Caldwell North	72.43 339	P	Amb	P	20 54 00.8 +0.9
KAN09	comp=Z,40nm,1.3s					20 54 15.3
048B	Farmland	72.48 349	P	P	P	20 54 01.3 +1.3
048B	comp=Z,168					
YLE	Yale	72.48 359	P	P	P	20 53 59.2 -0.8
KAN05	Bluff City Nor	72.49 338	P	P	P	20 53 58.8 -1.4
KAN01	Argonia South	72.49 339	P	Amb	P	20 54 00.5 +0.2
KAN01	comp=Z,38nm,1.2s					20 56 02.5
KS20	Mayfield South	72.50 339	P	Amb	P	20 53 59.6 -0.7
KS20	comp=Z,24nm,0.9s					20 54 03.5
PSDB	Penn State Uni	72.57 355	P	P	P	20 54 02.3 +1.7
PSDB	comp=Z,174					
KAN06	Argonia West S	72.61 338	P	Amb	P	20 54 00.2 -0.7
KAN06	comp=Z,48nm,1.2s					20 54 04.3
P43A	Skaggs, Pawnee	72.68 346	P	Amb	P	20 54 02.0 +0.8
P43A	comp=Z,42nm,0.9s					20 54 03.7
P43A	Skaggs, Pawnee	72.68 346	P	P	P	20 54 01.9 +0.6
P43A	comp=Z,184					
N51A	Ashland	72.73 352	P	Amb	P	20 54 01.6 +0.1
N51A	comp=Z,47nm,1.0s					20 54 03.9
KSPA	Keystone Colle	72.81 357	P	P	P	20 54 04.3 +2.3
KSPA	comp=Z,177					
DUN6	Lazy B Ranch	72.81 328	P	Amb	P	20 54 03.3 +1.2
DUN6	comp=Z,130nm,1.7s					20 54 14.9
M55A	Ridgway	72.91 355	P	P	P	20 54 02.9 +0.3
M55A	comp=Z,174,SNR=6.3					20 54 03.0 +0.3
M55A	Ridgway	72.91 355	P	P	P	20 54 03.0 +0.3
M55A	comp=Z,174,SNR=6.3					
SFIN	Lafayette	72.92 348	P	P	P	20 54 04.1 +1.4
SFIN	comp=Z,166					
PNPY	Mohonk Preserv	72.94 358	P	P	P	20 54 04.5 +1.7
PNPY	comp=Z,178,SNR=9.4					
N49A	Columbus Grove	72.98 350	P	P	P	20 54 01.5 -1.5
N49A	comp=Z,169,SNR=7.1					20 54 03.6 +0.6
N49A	Columbus Grove	72.98 350	P	P	P	20 54 03.3 +0.6
N49A	comp=Z,169,SNR=7.1					
M53A	WI Miller and	73.06 353	P	P	P	20 54 05.4 +1.9
M53A	comp=Z,35nm,0.9s					
BRYW	Bryant College	73.08 0	P	Amb	P	20 54 04.5 +1.0
BRYW	comp=Z,45nm,0.9s					20 54 07.1
P40A	Barren Site	73.14 334	P	Amb	P	20 54 05.6 +1.5
P40A	comp=Z,162,SNR=13					20 54 03.6 -0.4
P40A	Barren Site	73.14 334	P	P	P	20 54 07.0
P40A	comp=Z,45nm,0.9s					
P40A	Barren Site	73.14 334	P	P	P	20 54 04.6 +0.6
N47A	Urbana	73.17 349	P	Amb	P	20 54 03.8 -0.4
N47A	comp=Z,42nm,0.9s					20 54 06.0
TUC	Tucson	73.40 326	P	P	P	20 54 03.1 -2.7
TUC	comp=Z,146					20 54 08.0 +2.2
TUC	Tucson	73.40 326	P	P	P	20 54 03.1 -2.7
TUC	comp=Z,22nm,1.8s					

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L59A	Walton	73.41 358	P	P	P	20 54 06.5 +0.9
L59A	Walton	73.41 358	P	P	P	20 54 07.2 +1.6
L59A	comp=Z,177,SNR=8.8					
QUA2	Belchertown	73.44 360	P	Amb	P	20 54 07.2 +1.9
QUA2	comp=Z,36nm,1.0s					20 54 09.6
QUA2	Belchertown	73.44 360	P	P	P	20 54 08.1 +2.4
BINY	Binghamton	73.46 357	P	Amb	P	20 54 07.0 +1.2
BINY	comp=Z,32nm,1.1s					20 54 08.6
BINY	Binghamton	73.46 357	P	P	P	20 54 08.4 +2.5
L56A	Greenwood	73.48 356	P	P	P	20 54 05.8 -0.2
L56A	Greenwood	73.48 356	P	P	P	20 54 07.4 +1.3
L56A	comp=Z,175,SNR=8.6					
L56A	Hopedale	73.51 346	P	Amb	P	20 54 07.5 +0.6
L56A	comp=Z,21nm,0.7s					20 54 08.0
HDIL	Hopedale	73.51 346	P	Amb	P	20 54 07.6 +1.5
HDIL	comp=Z,180					
P38A	Dawn	73.60 343	P	Amb	P	20 54 07.0 +0.3
P38A	comp=Z,30nm,1.2s					20 54 30.6
P38A	Dawn	73.60 343	P	P	P	20 54 07.6 +0.9
L61B	Northampton	73.61 359	P	Amb	P	20 54 07.0 +0.3
L61B	comp=Z,42nm,0.8s					20 54 10.1
L61B	Northampton	73.61 359	P	P	P	20 54 08.1 +1.4
L61B	comp=Z,179,SNR=11					
L61B	Northampton	73.61 359	P	P	P	20 54 08.9 +2.2
ERPA	Northampton	73.66 354	P	P	P	20 54 09.2 +2.2
ERPA	comp=Z,173					
HRV	Adam Dzewonski	73.67 0	P	Amb	P	20 54 08.7 +1.7
HRV	comp=Z,39nm,0.9s					20 54 10.6
HRV	Adam Dzewonski	73.67 0	P	P	P	20 54 08.4 +1.4
HRV	comp=Z,180					
HRV	Adam Dzewonski	73.67 0	P	P	P	20 54 09.5 +2.5
HRV	Adam Dzewonski	73.67 0	P	P	P	20 54 08.7 +1.7
HRV	comp=Z,33nm,0.9s					20 54 10.7 +3.0
ANMO	Albuquerque	73.69 331	P	P	P	20 54 09.9 +2.3
ANMO	comp=Z,6.6nm,1.1s,comp=Z,242,slow=7.9,SNR=9.6					20 54 09.9 +2.3
ANMO	Albuquerque	73.69 331	P	P	P	20 54 09.9 +2.3
ANMO	comp=Z,6.6nm,1.1s					
ANMO	Albuquerque	73.69 331	P	P	P	20 54 10.0 +2.4
K62A	Royalston	73.83 360	P	P	P	20 54 09.9 +1.9
K62A	comp=Z,180					20 54 09.9 +1.9
WVNY	West Valley, N	73.83 355	P	P	P	20 54 07.8 -0.2
WVNY	West Valley, N	73.83 355	P	P	P	20 54 08.5 +0.5
WVNY	comp=Z,174,SNR=6.1					
LIC	Lamit	73.85 72	P	P	P	20 54 08.9 +0.1
LIC	comp=Z,208nm,0.9s					20 54 09.7 +1.3
TRY	Troy	73.91 359	P	P	P	20 54 05.4 -3.5
R32A	Long Quarter,	73.95 338	P	Amb	P	20 54 12.3
R32A	comp=Z,18nm,0.9s					20 54 07.0 -2.0
N41A	Harden Midland	73.99 345	P	Amb	P	20 54 11.4
N41A	comp=Z,43nm,0.9s					

ISCO	baz=151,SNR=9.1	77.57 334	P	P	20 54 28.1 -1.8
ISCO			pmax	pmax	
MURC	comp=Z,9.0nm,1.0s	77.62 323	P	P	20 54 32.0 +2.0
MURC	baz=142				
E63A	baz=183,SNR=11	77.64 2	P	P	20 54 31.0 +1.3
E63A					
WIN	baz=183,SNR=11	77.70 109	eP	P	20 54 30.1 -1.0
WIN			Iamb	Iamb	20 54 33.1
BRAK	comp=Z,16nm,1.2s	77.73 120	eP	P	20 54 30.9 0.0
BRAK			Iamb	Iamb	20 54 55.6
GMRC	comp=Z,784nm,3.3s	77.77 324	P	P	20 54 33.3 +2.7
GMRC	Granite Mounta baz=143				
KEIM	comp=Z,16nm,0.7s	77.78 116	eP	Iamb	20 54 31.3 +0.1
KEIM					20 54 33.3
ELS	comp=Z,16nm,0.7s	77.78 322	P	P	20 54 28.6 -2.3
BRIGG	Briggsdale	77.78 335	P	Iamb	20 54 28.6 -2.2
BRIGG					20 54 44.6
E62A	comp=Z,51nm,1.5s	77.81 2	P	P	20 54 32.1 +1.5
E62A	Clayton Lake	77.81 2	P	P	20 54 32.8 +2.1
E62A	Clayton Lake				20 54 32.8 +2.1
E62A	baz=182,SNR=15				20 54 32.8 +2.1
K31A	baz=182,SNR=15	77.82 340	P	P	20 54 29.0 -1.8
K31A	O'Neill	77.82 340	P	P	20 54 33.0 +2.1
SC12	baz=153,SNR=7.1	77.85 321	P	P	20 54 33.8 +2.6
SC12	San Clemente I				
ROOI	comp=Z,45nm,0.9s	77.86 121	eP	Iamb	20 54 31.5 -0.2
ROOI	Roodraai Farm				20 54 33.8
PQI	comp=Z,45nm,0.9s	77.91 3	P	P	20 54 32.0 +0.8
V12A	Presque Isle	77.91 325	P	Iamb	20 54 31.2 -1.6
V12A	Nelson				20 54 45.0
HEC	comp=Z,39nm,1.7s	78.15 324	P	P	20 54 35.7 +2.8
HEC	Hector Ludlow				20 54 35.5
UPI	comp=Z,56nm,1.1s	78.16 116	eP	Iamb	20 54 32.6 -0.7
UPI	Upington				20 54 35.5
KNB	comp=Z,30nm,1.2s	78.22 328	P	Iamb	20 54 34.3 +0.9
KNB	Kanab				20 54 45.8
KNB	comp=Z,30nm,1.2s	78.22 328	P	P	20 54 34.3 +0.9
KNB	Kanab		pmax	pmax	
ECSD	comp=Z,30nm,1.2s	78.25 342	P	Iamb	20 54 32.3 -0.8
ECSD	EROS Data Cent				20 54 36.0
ECSD	comp=Z,31nm,0.8s	78.25 342	P	P	20 54 34.4 +1.2
ECSD	EROS Data Cent				20 54 38.8 +0.6
D62A	baz=159,SNR=19	78.28 2	P	P	20 54 35.0 +1.8
D62A	Allapoint, All	78.28 2	P	P	20 54 35.0 +1.8
D62A	Allapoint, All				20 54 35.0 +1.8
D62A	baz=182,SNR=14				20 54 35.0 +1.8
BFON	baz=182,SNR=14	78.31 120	eP	Iamb	20 54 34.5 +0.3
BFON	Badstontein, M				20 54 36.6
E46A	comp=Z,27nm,0.9s	78.34 351	P	P	20 54 33.0 -0.5
BFSC	Sault Ste Mar	78.36 323	P	P	20 54 36.5 +2.3
BFSC	Mount Baldy Ra				20 54 35.3 +1.0
LCMT	comp=Z,27nm,0.9s	78.41 327	P	P	20 54 37.4 +1.6
LCMT	Little Creek M	78.41 327	P	P	20 54 37.4 +1.6
LCMT	Turquoise Moun				20 54 38.1 +2.3
LCMT	baz=143,SNR=5.7				20 54 38.1 +2.3
LATQ	baz=143,SNR=5.7	78.55 359	P	P	20 54 37.4 +1.6
BATG	La Tuque	78.55 359	P	P	20 54 33.7 -1.0
BATG	Bathurst New B	78.61 4	Iamb	Iamb	20 54 34.5 -0.6
BATG					20 54 38.5
N23A	comp=Z,21nm,0.9s	78.65 334	P	P	20 54 37.4 +1.6
N23A	Red Feather La	78.65 334	P	P	20 54 38.1 +2.3
N23A	Red Feather La				20 54 37.2 +1.2
GRAF	baz=151,SNR=5.3	78.66 121	eP	Iamb	20 54 38.0
GRAF	Camdeboo Natio				20 54 36.7 +0.5
PKA	comp=Z,51nm,1.2s	78.66 118	eP	Iamb	20 54 38.0
PKA	Prieska				20 54 36.9 +1.2
SPMM	comp=Z,14nm,0.8s	78.72 345	P	P	20 54 36.9 +1.2
SPMM	Marine on St.				20 54 38.9 +2.6
GSC	baz=182	78.76 324	P	Iamb	20 54 38.9 +2.6
GSC	Goldstone, Bar				20 54 39.3 +3.0
GSC	Goldstone, Bar	78.76 324	P	P	20 54 38.9 +2.6
GSC	Goldstone, Bar		pmax	pmax	
MTPU	comp=Z,41nm,1.9s	78.77 329	P	P	20 54 36.3 -0.7
MTPU	Mount Pierson	78.77 329	P	P	20 54 39.8 +2.9
ZSCU	comp=Z,41nm,1.9s	78.81 328	P	P	20 54 34.6 -2.6
ZSCU	Shurtz Canyon	78.81 328	P	P	20 54 37.8 +0.7
PHWY	comp=Z,41nm,1.9s	78.83 335	P	Iamb	20 54 36.1 -0.9
PHWY	Philly Pilot Hill				20 54 37.8 +0.7
O20A	comp=Z,29nm,1.5s	78.87 332	P	P	20 54 36.1 -0.9
O20A	White River Ci	78.87 332	P	P	20 54 36.3 -0.7
O20A	White River Ci				20 54 39.8 +2.9
CCUT	baz=149	78.90 328	P	P	20 54 34.6 -2.6
SHRP	comp=Z,29nm,1.5s	78.90 326	P	P	20 54 37.8 +0.7
SHRP	Sheep Ranch	78.94 330	P	P	20 54 36.1 -0.9
SRIU	comp=Z,29nm,1.5s	78.94 330	P	P	20 54 36.1 -0.9
SRIU	San Rafael Swe				20 54 36.9 +1.2
SRIU	San Rafael Swe		pmax	pmax	
Q16A	comp=Z,16nm,1.1s	79.06 330	P	Iamb	20 54 35.9 -2.1
Q16A	Castle Valley				20 54 36.9 +1.7
MSU	comp=Z,20nm,1.1s	79.16 329	P	P	20 54 36.9 +1.7
MSU	Marysvale	79.16 329	P	P	20 54 35.8 -2.9
MSU	Marysvale	79.17 329	P	Iamb	20 54 55.8
MVU	comp=Z,40nm,1.0s	79.17 329	P	Iamb	20 54 41.9 +3.2
SCZ2	comp=Z,40nm,1.0s	79.21 321	P	P	20 54 35.8 -3.3
SCZ2	Santa Cruz Isl				20 54 38.9 +0.3
SCZ2	baz=140				20 54 41.5
SOE	comp=Z,29nm,1.5s	79.22 122	eP	Iamb	20 54 38.4 -0.8
SOE	Somerset East	79.22 122	eP	Iamb	20 54 38.9 +0.3
SOE	Somerset East				20 54 38.4 -0.8
P18A	comp=Z,82nm,1.0s	79.26 331	P	P	20 54 38.4 -0.8
P18A	Preston Nutter				20 54 55.6
QSM	comp=Z,30nm,1.1s	79.31 324	P	Iamb	20 54 38.2 -1.0
QSM	Queen of Sheba				20 54 51.6
P17A	comp=Z,42nm,1.8s	79.33 330	P	P	20 54 38.3 -1.1
LRCM	Butcher Ranch,	79.34 323	P	P	20 54 42.0 +2.5
LRCM	Laurel Mtn Rad				20 54 37.0 -2.8
GWY	comp=Z,42nm,1.8s	79.38 325	P	P	20 54 38.2 -1.0
GWY	Greenwater Val	79.38 325	P	P	20 54 37.0 -2.8
TMUT	comp=Z,42nm,1.8s	79.39 330	P	P	20 54 38.2 -1.0
F36A	comp=Z,42nm,1.8s	79.49 345	P	Iamb	20 54 36.3 -3.6
F36A	Trial Mountain				20 54 42.0 +2.5
F36A	Milaca				20 54 40.4 +0.5
F36A	comp=Z,20nm,0.9s	79.49 345	P	P	20 54 41.9 +3.2
GRHM	baz=161,SNR=7.6	79.53 123	eP	Iamb	20 54 41.9 +3.2
GRHM	Grahamstown, E				20 54 41.5
GRHM	Grahamstown, E				20 54 44.1 +0.7
PRN	comp=Z,63nm,1.1s	79.57 326	P	P	20 54 42.4 +1.7
D41A	comp=Z,63nm,1.1s	79.66 348	P	P	20 54 40.7 -0.1
D41A	Chassel	79.66 348	P	P	20 54 43.3 +2.5
D41A	Chassel				20 54 44.1 +2.5
MPMC	comp=Z,56nm,0.9s	79.70 325	P	P	20 54 44.9 +3.7
MPMC	Manual Propsec	79.70 325	P	P	20 54 44.9 +3.7
FURC	comp=Z,56nm,0.9s	79.70 325	P	P	20 54 44.9 +3.7
FURC	Furnace Creek,				20 54 44.7
TSMU	comp=Z,40nm,0.9s	79.74 106	P	Iamb	20 54 42.4 +0.1
TSMU	Tsumeb				20 54 44.7
TSMU	comp=Z,40nm,0.9s	79.74 106	eP	Iamb	20 54 41.0 -1.2
RDMU	comp=Z,40nm,0.9s	79.78 332	P	Iamb	20 54 40.9 -0.9
RDMU	Red Mountain				20 54 53.7
TPNV	comp=Z,20nm,1.0s	79.78 325	P	Iamb	20 54 40.3 -1.6
TPNV	Topopah Spring				20 54 54.9
TPNV	comp=Z,45nm,1.8s	79.78 325	P	P	20 54 44.7 +2.7
TPNV	Topopah Spring				20 54 40.3 -1.6
TPNV	Topopah Spring		pmax	pmax	

RWWY	Rawlins	79.81 334	P	Iamb	20 54 40.2 -1.9
RWWY					20 54 53.1
WCT	comp=Z,23nm,1.1s	79.84 325	P	P	20 54 42.2 +0.1
ISA	Wildcat Mounta	79.89 323	P	Iamb	20 54 43.4 +1.0
ISA	Isabella, Lake				20 54 55.0
ISA	comp=Z,46nm,1.7s	79.89 323	P	P	20 54 45.3 +2.9
ISA	Isabella, Lake				20 54 43.4 +1.0
ISA	baz=141,SNR=5.7				20 54 43.4 +1.0
ISA	Isabella, Lake		pmax	pmax	
PKM	comp=Z,46nm,1.7s	79.99 322	P	P	20 54 45.7 +2.6
PKM	Mcperson Peak				20 54 42.8 -0.5
F33A	comp=Z,46nm,1.7s	80.13 343	P	P	20 54 46.1 +1.3
HVD	Mill Ranch,	80.25 120	eP	Iamb	20 54 47.3
HVD	Gariep Dam				20 54 47.3
CWC	comp=Z,72nm,0.9s	80.29 324	P	P	20 54 47.3 +2.6
CWC	Cottonwood Cre				20 54 44.7 0.0
NLU	comp=Z,72nm,0.9s	80.31 330	P	P	20 54 47.3 +2.6
NLU	North Lily Min				20 54 48.1 +3.3
VES	comp=Z,72nm,0.9s	80.34 323	P	P	20 54 47.9 +1.6
VES	Vestal, Richgr				20 54 48.1 +3.3
GRAC	comp=Z,72nm,0.9s	80.37 325	P	P	20 54 48.0 +3.1
GRAC	Grapevine Rang				20 54 47.7 +2.7
K22A	comp=Z,72nm,0.9s	80.39 335	P	P	20 54 48.7 +2.7
K22A	Casper				20 54 48.3 +3.1
SMMC	comp=Z,72nm,0.9s	80.41 322	P	P	20 54 45.9 -0.2
SMMC	Simmer				20 50 02.1
SPR3	comp=Z,20nm,1.3s	80.52 328	P	Iamb	20 54 46.3 +0.1
SPR3	Spring Creek 3				20 54 49.1 +2.9
GMN	comp=Z,20nm,1.3s	80.55 325	P	P	20 54 46.3 +0.1
GMN	Gold Mountain				20 54 46.1 -1.3
R11A	comp=Z,20nm,1.3s	80.58 327	P	P	20 54 49.2 +1.0
R11A	Troy Canyon, C				20 54 49.1 +2.9
R11A	Troy Canyon, C				20 54 47.8 +0.9
LCH	comp=Z,20nm,1.3s	80.69 325	P	P	20 54 47.8 +0.9
LCH	Last Change Ra				20 54 49.2 +1.8
RSSD	comp=Z,20nm,1.3s	80.82 337	P	P	20 54 50.0 +2.5
RSSD	Black Hills				20 54 46.1 -1.3
RSSD	Black Hills				20 54 47.8 +0.9
RSSD	Black Hills				20 54 49.2 +1.8
RSSD	baz=153,SNR=6.1				20 54 46.1 -1.3
RSSD	Black Hills		pmax	pmax	
RSSD	Black Hills				20 54 47.5 +0.1
RSSD	Black Hills				20 54 49.7 +2.3
RSSD	Black Hills				20 54 47.5 +0.1
RSSD	Black Hills		pmax	pmax	

8d 20h

Table with columns for station name, frequency, power, and status. Includes stations like A21K Barrow, ASAR Alice Springs, AKASG Malin Array Be, etc.

2016 DEC

Table with columns for station name, frequency, power, and status. Includes stations like KBL Kabul, CHGR Chuyangaron, CHCR Chuyangaron, etc.

552

Table with columns for station name, frequency, power, and status. Includes stations like VA03 comp=E,25mu,0.5s, CO05 La Serena, CO05 La Serena, etc.

0.2nm, 0.3s, baz=237, slow=8.2, SNR=2.0
KURBB Kurchatov Arra 93.53 321 P P 21 00 21.2 -0.1

NOU 08 20:47:31.1, 12:14S:162:87E, h0km, mb4.6/9, Solomon Islands
ISC-EH 08 20:47:34.2, 10:36S:161:54E, h20km2km, Error ellipse: s-maj=15.8km s-min=10.4km az=106.0

Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like Honiara, Kounac, Townsville Har, etc.

Table with columns: ILAR, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like Eielson Array, Tiksi, Joseph Creek, etc.

IDS 08 20:48:46.8t.1.1, 10:49S:161:70E, h0km, mb4.6/5, mbmp4.87, ML4.31, MS5.8/1, Error ellipse: s-maj=37.1km s-min=27.2km az=92.0

ISC-EH 08 20:48:54.9, 10:56S:161:37E, h60km2.4km, Error ellipse: s-maj=8.8km s-min=4.8km az=99.0

NEIC 08 20:48:55.2t.1.4, 10:55S:0:1x161:3E:0:1, h60km2.8km, mb4.8/26, Error ellipse: s-maj=20.8km s-min=11.6km az=53.0

Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like Honiara, Kounac, Townsville Har, etc.

BUI 08 20:50:24.0, 0:0, 10:50S:161:30E, h40km, mb4.8/39, m85.1/1
IDC 08 20:50:25.5t.2, 10:50S:161:21E, h39km1.9km, mb4.8/30, mbtmp5.0/33, ML4.9/3, MS6.4/2, Error ellipse: s-maj=14.3km s-min=10.1km az=92.0

NOU 08 20:50:26.1, 10:46S:161:26E, h47km, mb5.2/81, Solomon Islands
ISC-EH 08 20:50:27.2, 10:55S:161:20E, h54km2.1km, Error ellipse: s-maj=2.3km s-min=1.8km az=128.0

Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like Honiara, Kounac, Townsville Har, etc.

SEW	baz=225 Seward	80.56	23	P	P	21	02	35.0	+1.7
L20K	baz=225 Farewell, AK	80.62	19	P	P	21	02	34.8	+1.1
ODAN	80.63 300 eP Odare					21	02	36.0	+1.2
ODAN	80.63 300 eP Odare					21	02	36.3	+1.5
MOY	80.68 327 eP Mondy					21	02	34.6	+0.2
SUA	80.99 21 P Susitna One					21	02	35.9	+0.1
SKT	baz=228 Skwentna	81.06	21	P	P	21	02	35.8	-0.2
RAMN	baz=227 Ramitte	81.34 299 eP				21	02	34.6	-3.9
Q23K	comp=Z,38nm,1.1s Middleton Isla	81.34	24	P	P	21	02	37.6	+0.2
GCSA	baz=232 Galena City Sc	81.37	17	P	P	21	02	38.3	+0.8
M22K	baz=222 Willow	81.41	21	P	P	21	02	38.0	+0.2
PWL	baz=228 Port Wells	81.47	22	P	P	21	02	38.5	+0.3
PPLA	baz=230 Purkeypile	81.47	20	P	P	21	02	38.7	+0.4
PMR	baz=229 Palmer	81.65	22	P	P	21	02	39.3	+0.2
J20K	81.76 18 P Nowinta River					21	02	40.4	+0.8
J20K	81.76 18 P Nowinta River					21	02	40.6	+1.0
KNK	81.78 22 P Knik Glacier					21	02	40.1	+0.2
CUT	81.79 21 P Chullina					21	02	39.7	-0.1
CAST	81.87 19 P Castle Rocks					21	02	39.3	-0.9
CAST	comp=Z,24nm,1.1s Castle Rocks	81.87	19	P	P	21	02	40.2	-0.1
J1RN	baz=226,SNR=9.0 Jiri	81.89 300 eP				21	02	33.8	-7.8
SML	comp=Z,1.7nm,0.4s Sawmill	82.08	22	P	P	21	02	41.6	+0.2
CHUM	baz=230 Lake Minchumini	82.12	19	P	P	21	02	42.3	+0.8
M23K	baz=226,SNR=6.9 Klancier View	82.30	22	P	P	21	02	42.2	-0.4
KTH	82.34 20 P Kantishna Hill					21	02	42.4	-0.4
KTH	comp=Z,1.7nm,0.9s Kantishna Hill	82.34	20	P	I	21	02	43.5	
SCM	82.47 22 P Sheep Creek Mo					21	02	43.4	-0.1
TRF	82.48 20 P Thorofare Moun					21	02	43.0	-0.7
TRF	82.48 20 P Thorofare Moun					21	02	43.4	-0.3
WAT1	82.67 21 P Susitna Watana					21	02	44.4	0.0
KLU	82.78 23 P Klutina					21	02	45.8	+0.7
WAT6	82.79 21 P Susitna Watana					21	02	46.0	+0.7
BMRM	82.97 23 P Bremner River					21	02	46.4	+0.3
BGLC	83.00 25 P Bering Glacier					21	02	46.7	+0.6
M24K	83.06 22 P Tolsona, Glenn					21	02	47.5	+0.9
M24K	83.06 22 P Tolsona, Glenn					21	02	47.1	+0.6
MCK	83.13 20 P McKinley					21	02	46.0	-0.8
MCK	comp=Z,29nm,0.9s McKinley	83.13	20	P	I	21	02	46.7	+0.1
MCK	83.13 20 P McKinley					21	02	46.7	-0.1
MCK	83.13 20 P McKinley					21	02	46.0	-0.8
I21K	83.13 18 P Tanana					21	02	47.4	+0.7
I21K	comp=Z,2.1nm,1.1s Tanana	83.13	18	P	I	21	02	48.5	
IMAR	83.17 17 P Indian Mountai					21	02	47.0	0.0
H21K	83.21 17 P Melozitna Rive					21	02	47.9	+0.7
H21K	83.21 17 P Melozitna Rive					21	02	48.0	+0.7
DHY	83.24 21 P Denali Highway					21	02	48.3	+0.7
N25K	83.35 23 P Chitina, Valde					21	02	48.8	+0.7
MLY	83.41 19 P Manley					21	02	48.3	0.0
MLY	83.41 19 P Manley					21	02	48.5	+0.2
MAW	83.52 202 P Mawson					21	02	49.6	+0.8
MAW	comp=Z,15nm,0.7s,ba Mawson	83.52	202	P	P	21	02	49.1	+0.2
MAW	83.52 202 P Mawson					21	02	49.5	+0.8
MAW	comp=Z,15nm,0.7s Mawson	83.52	202	P	I	21	02	51.2	
MAW	83.52 202 P Mawson					21	02	49.6	+0.8
GLB	83.56 23 P Gilahina Butte					21	02	49.5	+0.4
GLB	comp=Z,38nm,1.8s Gilahina Butte	83.56	23	P	I	21	03	08.2	
HARP	83.62 22 P HAARP					21	02	50.0	+0.6
G21K	83.62 17 P Allakaket					21	02	50.1	+0.9
NEA2	83.65 19 P Nenana					21	02	49.0	-0.5
NEA2	83.65 19 P Nenana					21	02	49.3	-0.1
H22K	83.80 18 P Ishlitalina Cre					21	02	50.7	+0.5
MCARA	83.83 24 P McCarthy VSAT					21	02	50.7	+0.3
PAX	83.85 22 P Paxson					21	02	50.8	+0.2
WRH	83.89 20 P Wood River Hill					21	02	49.9	-0.7
WRH	comp=Z,25nm,1.4s Wood River Hill	83.89	20	P	I	21	02	56.9	
I23K	83.92 19 P Minto, Yukon-K					21	02	51.2	+0.4
CCB	84.10 20 P Clear Creek Bu					21	02	50.9	-0.8
F21K	84.13 16 P Alatna River					21	02	52.5	+0.6
MDM	84.16 19 P Murphy Dome					21	02	51.6	-0.5
MDM	comp=Z,57nm,2.0s CIGO, UAF Yank	84.22	19	P	I	21	02	51.5	-0.8
TCOL	84.22 19 P CIGO, UAF Yank					21	02	56.6	
TCOL	comp=Z,14nm,0.8s CIGO, UAF Yank	84.22	19	P	P	21	02	52.5	+0.2
COLA	84.23 19 P College					21	02	51.8	-0.5
COLA	84.23 19 P College					21	02	56.6	
COLA	84.23 19 P College					21	02	52.4	0.0
COLA	84.23 19 P College					21	02	52.7	+0.4
HDA	84.23 20 P Harding Lake					21	02	51.8	-0.6
HDA	84.23 20 P Harding Lake					21	02	52.5	+0.1
P1NM	84.24 25 P Pinnacle					21	02	53.3	+0.7
K24K	84.25 21 P Donnelly Dome					21	02	53.1	+0.5
H23K	84.31 18 P Yukon River					21	02	52.9	+0.1
H23K	comp=Z,32nm,1.6s Yukon River	84.31	18	P	I	21	02	53.3	+0.5
M26K	84.43 23 P Nabesna, AK					21	02	54.1	+0.5
IL31	84.48 20 P Eielson Array					21	02	52.5	-1.1
ILAR	84.48 20 P Eielson Array					21	02	53.4	-0.3
ILAR	comp=Z,2.5nm,0.7s,ba Eielson Array	84.48	20	P	P	21	02	52.5	-1.4
ILAR	84.48 20 P Eielson Array					21	02	56.7	+3.0
POKR	84.52 19 P Poker Plat Res					21	02	53.7	-0.1
O28M	84.64 25 P Mount Upton					21	02	55.3	+0.4
L26K	84.66 22 P Log Cabin Wild					21	02	55.4	+0.7
H02S1	84.67 34 T DAWSON INLET T					22	03	08.4	
F22K	84.69 16 P John River					21	02	55.3	+0.6
G23K	84.76 17 P Banana Creek					21	02	56.0	+0.9
DOT	84.77 21 P Dot Lake					21	02	55.6	+0.5
DOT	comp=Z,16nm,0.9s Dot Lake	84.77	21	P	I	21	03	30.8	
TIXI	84.79 350 P Tiksi					21	02	54.1	-1.0
TIXI	comp=Z,3.8nm,0.6s,ba Tiksi	84.79	350	P	P	21	02	55.6	+0.6
TIXI	84.79 350 P Tiksi					21	02	55.6	+0.6
M27K	84.84 23 P Edge Creek, AK					21	02	56.6	+0.9
H24K	84.84 19 P Noodor Dome					21	02	56.3	+0.7
SIT	84.94 29 P Sitka					21	02	56.7	+0.6
S31K	84.94 28 P Pelican					21	02	55.8	-0.3
SCRK	84.99 21 P Sand Creek					21	02	56.8	+0.3
SCRK	84.99 21 P Sand Creek					21	02	57.1	+0.7
COLD	85.06 17 P Coldfoot					21	02	57.2	+0.7
COLD	comp=Z,21.0nm,1.2s Coldfoot	85.06	17	P	P	21	02	57.5	+0.9
YUK3	85.07 24 P Moose Creek					21	02	58.2	+1.2
P29M	85.08 26 P Windy Craggy					21	02	58.0	+1.1
YUK8	85.09 25 P Steele Glacier					21	02	58.7	+1.6
E22K	85.23 16 P Anaktuvuk Pass					21	02	58.2	+0.8
L27K	85.25 23 P Beaver Creek,					21	02	57.1	-0.5
L27K	comp=Z,18nm,1.2s Beaver Creek,	85.25	23	P	I	21	02	59.9	
BVCY	85.26 23 P Beaver Creek					21	02	58.9	+1.2
BCAR	85.27 23 P Beaver Creek A					21	02	58.2	-0.6
J26L	85.45 21 P Joseph Creek					21	02	58.9	+0.2
J26L	85.45 21 P Joseph Creek					21	02	59.6	+1.0
YUK6	85.49 25 P Outpost Mounta					21	02	60.0	+0.9
G24K	85.52 18 P Hadweenzic Riv					21	02	59.9	+1.0
YUK4	85.58 25 P Talbot Arm					21	03	01.0	+1.5
U33K	85.59 31 P Whale Pass					21	03	00.6	+1.2
PLBC	85.61 27 P Pleasant Camp					21	03	00.8	+1.4
WMQ	85.62 316 eP Urumqi					21	02	57.6	-2.4
WMQ	comp=Z,10.0nm,1.1s Urumqi	85.62	316	eP	P	21	03	12.9	-2.2
P30M	85.67 26 P Million Dollar					21	03	00.4	+0.6
K27K	85.71 22 P Chicken					21	03	01.2	+1.4
K27K	comp=Z,42nm,1.6s Chicken	85.71	22	P	I	21	03	01.8	+2.0
E23K	85.78 17 P Chandler					21	03	01.3	+1.1
HYT	85.79 26 P Haines Junctio					21	03	00.7	+0.2
F24K	85.92 17 P Squaw Lake					21	03	02.2	+1.3
D23K	86.11 16 P Nanushuk River					21	03	02.8	+1.1
E24K	86.11 17 P Your Creek					21	03	03.0	+1.2
TOLK	86.19 16 P Toolik Lake Re					21	03	03.3	+1.1
M29M	86.22 24 P Somme Creek					21	03	03.7	+1.2
HYBB	86.25 288 eP Hyderabad (bro					21	03	03.7	+0.1
HYBB	comp=Z,7.5nm,0.5s Hyderabad (bro	86.25	288	eP	P	21	03	05.6	-0.5
N30M	86.28 25 P Aishikkik Lake					21	03	03.7	+0.9
O30N	86.36 26 P Mendenhall					21	03	04.4	+1.2
A21K	86.39 13 P Barrow					21	03	03.3	+0.3
A21K	comp=Z,9.4nm,0.8s Barrow	86.39	13	P	I	21	03	03.7	+0.7
A21K	86.39 13 P Barrow					21	03	03.2	-0.3
EGAK	86.46 21 P Eagle					21	03	04.8	
EGAK	comp=Z,18nm,1.1s Eagle	86.46	21	P	P	21	03	04.7	+1.2
F25K	86.64 18 P Christian River					21	03	05.4	+0.9
L29M	86.70 23 P L29M					21	03	05.6	+0.8
DAWY	86.72 22 P Dawson					21	03	06.0	+1.1
C23K	86.72 15 P Itkillik River					21	03	05.6	+1.0
I27K	86.76 20 P Korduk River					21	03	05.9	+0.9
G26K	86.83 19 P Porcupine Rive					21	03	06.8	+1.6
N31M	86.84 25 P Braeburn, Yuko		</						

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

PRU 08 21:08:52.0,0.0,49.85N,18.51E,h0km
IPEC 08 21:08:51.3,0.4,49.83N,18.56E,h1km,ML1.1/4, Error ellipse: s-maj=2.4km s-min=2.0km az=112.0,Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the Czech and Slovak Republics.

MEX 08 21:11:57.9,1.0,18.00N,101.80W,h14km,dkm,MD4.8
NEIC 08 21:11:57.3,0.1,17.95N,101.05,10.93W,0.04

h35km,16km,mb4,1/43,MD4.8/131(MEX), Error ellipse: s-maj=7.6km s-min=4.3km az=210.0
IDC 08 21:12:01.6,4.0,18.16N,101.72W,h68km,34km,mb3.7/9, mbmp4,0/12,ML3.8/3, Error ellipse: s-maj=44.5km s-min=14.1km az=48.0

ISC 08 21:11:56.4,0.5,18.02N,100.02,101.81W,0.02,h29km, n168,az24/257,mb4,1/22,Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in Guerrero, Mexico.

Large table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in Mexico and Central America.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in Central America and the Caribbean.

IDC 08 21:13:29.6,1.3,0.27N,121.68E,h0km,mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=142.9km s-min=21.3km az=64.0

DJA 08 21:13:50.0,0.6,0.0N,5.12E, h168km,7km,M3.6/7, mb3.8/1,MLV3.5/7

ISC 08 21:13:49.9,1.0,0.03N,0.122E,0.09,h200km,n10, az=185/11,mb3.3/4,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in Sulawesi, Indonesia.

IDC 08 21:14:25.4,1.4,4.79S,153.28E,h0km,mb4,0/6, mbmp4,0/6, Error ellipse: s-maj=30.8km s-min=21.5km az=57.0

NEIC 08 21:14:34.9,1.6,4.70S,153.14E,0.07,h71km,3km, mb4,6/24, Error ellipse: s-maj=12.0km s-min=10.8km az=179.0

ISC 08 21:14:32.9,0.5,4.75S,152.07E,0.07,h55km,n43, az=129/45,mb4.4/17,New Ireland region

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, MANU Manus Island, etc.

IDC 08 21:15:26.2.1.3, 10:57S:161.72E, h0km, mb4.2/7, mbmp4.3/9, ML4.9/2, Error ellipse: s-maj=32.9km s-min=23.5km az=153.0

NEIC 08 21:15:33.2.5.10, 10:51S:161.79E:0.09, h39km, 12km, mb4.3/13, Error ellipse: s-maj=13.4km s-min=8.9km az=79.0

NOU 08 21:15:35.7.10:13S:161.70E, h77km, mb4.6/10, Solomon Islands

ISC 08 21:15:32.6.0.6, 10:44S:160.07E:0.08, h35km, n36, s150/37, mb4.2/12, Bougainville-Solomon Islands region

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

2016 DEC

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SONM Songino Array, L19K White Mountain, ILAR Eielson Array, etc.

IDC 08 21:19:08.5:6.7, 10:31S:160.11E, h0km, mb3.6/4, mbtmp3.7/4, ML3.9/1, Error ellipse: s-maj=165.4km s-min=24.6km az=109.0, Bougainville-Solomon Islands region

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

IDC 08 21:21:22.3:1.4, 7:78S:117.51E, h0km, mb3.6/4, mbmp4.0/7, ML4.3/3, Error ellipse: s-maj=22.3km s-min=19.3km az=91.0

DJA 08 21:21:23.0:1.0, 8:54:11.7E, h10km, 10km, M4.7/19, mb4.7/1, ML4.7/19

NEIC 08 21:21:25.6:2.7, 7:94S:10.06E:1.17, 40E:0.06, h2km, 7km, mb4.2/9, Error ellipse: s-maj=11.4km s-min=5.2km az=132.0

ISC 08 21:21:26.7:0.6, 7:87S:10.05E:1.17, 43E:0.06, h35km, n48, s143/49, mb3.8/5, Ball Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PLAI Plampang, TWSI Taliwang, SRBI Singaraja, etc.

Code Station Name Az Phase ID Time Res. Includes stations like CBJI Cibinjo, CGUJ Cibinjo, MBWA Marble Bar, etc.

WBO Warramunga Arr 20.25 127 P Iamb Iamb 21 25 59.4 +0.2

WRA Warramunga Arr 20.31 128 P P 21 25 59.4 -0.4

WRA Warramunga Arr 20.31 128 P P 21 25 59.4 +0.5

ASAR Alice Springs 22.27 137 P P 21 26 22.6 +1.6

ASAR Alice Springs 22.27 137 P P 21 26 22.6 +1.1

ASAR Alice Springs 22.27 137 P P 21 26 22.6 +0.7

ASAR Alice Springs 22.27 137 P P 21 26 22.6 +0.9

TNCH TengChong 37.53 331 pP pP 21 28 38.3 +0.5

KSH Kashi 60.78 324 P Pmax pmax 21 31 41.2 +5.8

MKAR Makanchi Array 62.76 334 P P 21 31 48.6 +0.1

QSPA South Pole Qui 82.12 180 P Iamb Iamb 21 33 43.6 0.0

CLES Cleveland East 85.94 36 P P 21 34 04.4 +1.3

SNAE Sanae 91.66 196 P P 21 34 31.4 +1.4

ROM 08 21:21:35.0:0.1, 42.732N:0.003:13.537E:0.005, h18km, ML3.5/73, Error ellipse: s-maj=0.4km s-min=0.2km az=67.0

LDG 08 21:21:36.8:0.1, 42.66N:13.41E, h18km, M13.3/24, Error ellipse: s-maj=4.5km s-min=2.5km az=45.0

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like T1241 Teramo, T1245 Castelsantange, T1245 Gran Sasso, etc.

TRTR Tortoreto Alta 0.29 79 P S 21 21 42.1 +0.6

MC2 Monte Concone 0.30 303 P S 21 21 41.9 +0.1

GIGS Gran Sasso 0.30 175 S S 21 21 42.0 -0.4

NRCA Norcia 0.32 285 P S 21 21 42.0 -0.1

T1218 Civita (PG) 0.32 255 P S 21 21 42.0 -0.1

RM33 Pellescritta (C) 0.34 224 P S 21 21 42.2 -0.2

T1256 Bolognola (MC) 0.34 319 P S 21 21 48.2 +0.2

GUMA Gualdo di Mace 0.34 335 P S 21 21 42.7 -0.1

T1247 Pizzolo (AO) 0.35 209 P S 21 21 48.2 -0.4

LNSS Leonessa 0.39 248 P S 21 21 49.7 +0.8

T1216 Preci, Trapano 0.40 290 P S 21 21 43.4 -0.1

FEMA Monte Feme 0.41 301 P S 21 21 43.7 0.0

CSP1 Cessapalombo 0.42 325 P S 21 21 43.7 -0.1

VECEL Villa Celiera 0.42 147 P S 21 21 43.5 -0.4

FDMO Fjordimonte 0.43 311 P S 21 21 43.9 -0.2

FAGN Fagnano 0.49 175 P S 21 21 44.1 -0.9

T1215 Vallo di Nera, 0.49 276 P S 21 21 44.7 -0.4

BEHE		S	Sn	21 23 30.7	-0.6
MOSI	Grossmontoni	4.41 332	P	21 22 43.9	+2.5
MOSI	comp=E,264µm,0.9s		AML		
MOSI	comp=N,352µm,0.8s		AML		
ROSI	Roskopf	4.44 341	↑P	21 22 43.0	+1.2
ROSI	comp=E,336µm,0.9s		AML		
ROSI	comp=N,407µm,0.8s		AML		
MUGIO	Muggio	4.52 316	P	21 22 43.2	+0.5
MUGIO			S	21 23 33.0	-1.9
VSL	Villasalto	4.52 225	↑P	21 22 45.1	+2.4
SACOP	Saorge	4.53 288	↑P	21 22 44.5	+1.1
SBF	Sospel	4.52 286	eP	21 22 45.1	-1.4
VARE	Vespe	4.62 314	eSn	21 23 32.5	-4.0
VARE	comp=N,1,168µm,0.3s		AML		
VARE	comp=N,1,118µm,0.4s		AML		
TURF	col de Turini	4.64 287	P	21 22 46.3	+1.8
KOVH	Kovagototos	4.67 43	P	21 22 44.5	-0.3
KOVH			S	21 23 36.7	-1.9
WTTA	Wattenberg	4.71 344	↑Pn	21 22 47.4	+1.9
WTTA	comp=N,9,2nm,0.2s,SNR=30				
FETA	Feichten	4.71 344	↑P	21 22 47.6	+2.1
FETA	comp=N,4,6nm,0.7s,SNR=14		↑Pn	21 22 46.8	+1.3
ARSA	Arzberg	4.71 17	↑Pn	21 22 45.6	+0.1
ARSA	comp=N,1,6nm,0.2s				
ARSA	Arzberg	4.71 17	↑P	21 22 46.6	+1.2
SQTA	Sankt Quirin	4.76 341	↑Pn	21 22 47.8	+1.6
SQTA	comp=N,4,3nm,0.2s,SNR=35				
SPIF	crte de Spivo	4.77 288	P	21 22 49.5	+3.2
WATA	Walderalm	4.79 344	↑Pn	21 22 48.4	+1.8
WATA	comp=N,1,11nm,0.2s,SNR=27				
DAVOX	Davos/Dischmat	4.79 328	↑Pn	21 22 48.6	+2.0
DAVOX	comp=N,5,1nm,0.3s,baz=320,slow=19,SNR=48				
DIVS	Divibare	4.89 72	ePn	21 22 48.7	+0.7
DIVS	Divibare	4.89 72	↑P	21 22 49.7	+1.8
MOTA	Mosalm	4.90 340	↑Pn	21 22 50.3	+2.2
MOTA	comp=N,5,5nm,0.5s,SNR=15				
TIP	Tirane	4.92 104	↑P	21 22 49.7	+1.4
ISO	Isola	4.93 289	P	21 22 51.2	+3.5
CALF	Calern	4.93 284	P	21 22 49.8	+1.3
BIOA	Bad Ischl, Aus	4.94 1	↑Pn	21 22 49.8	+1.3
BIOA	comp=N,7,4nm,0.3s,SNR=15				
MORH	Mirgy, Hungar	5.04 45	↑P	21 23 10.2	-1.4
MORH	Mirgy, Hungar	5.04 45	↑P	21 23 04.0	-0.2
FUSIO	Fusio	5.08 318	↑P	21 22 51.8	+1.2
ENAX	Enaux	5.10 288	P	21 22 54.2	+3.3
MOA	Molin	5.12 6	↑Pn	21 22 52.4	+1.3
MOA	comp=N,5,6nm,0.2s,SNR=33				
RETA	Reutte	5.12 338	↑Pn	21 22 53.4	+2.3
RETA	comp=N,4,3nm,0.3s,SNR=15				
FRGS	Fruska Gora	5.13 60	ePn	21 22 49.0	-2.1
SURF	Saint Ours	5.17 292	P	21 22 55.0	+3.1
LMR	La Moure	5.18 279	eP	21 22 52.6	+0.8
JAUS	Jausiers	5.20 291	P	21 22 55.1	+2.5
DAVA	Darnus	5.22 332	↑Pn	21 22 54.7	+2.2
DAVA	comp=N,4,7nm,0.3s				
MPLH	Magyarpolny	5.25 31	P	21 22 52.3	-0.5
MPLH			S	21 23 17.7	-1.1
MBDF	Montbardon	5.28 294	ePn	21 22 52.6	-0.7
MBDF	Montbardon	5.28 294	eP	21 22 56.2	+2.9
MBDF			Sn	21 23 56.6	+2.8
RONA	Rosalia, Austr	5.32 21	↑Pn	21 22 54.1	+0.4
RONA	comp=N,2,2nm,0.2s,SNR=15				
CREP	Crivoux	5.33 292	P	21 22 57.2	+3.2
EMBD	Embd, Mattered	5.35 312	P	21 22 55.8	+1.5
OGAG	Argentiere	5.35 291	P	21 23 01.9	-6.4
FLAF	Flassans-sur-I	5.37 279	P	21 22 57.4	+3.0
SOP	Sopron	5.37 22	S	21 22 54.3	-0.2
SOP			S	21 22 57.7	+3.1
CONA	Conrad Observa	5.43 17	↑Pn	21 22 55.6	+0.3
CONA	comp=N,2,1nm,0.2s,SNR=14				
OGDI	Digne	5.44 287	P	21 23 00.2	+4.8
DIX	Grande Dixence	5.50 309	P	21 22 57.5	+1.0
ELAF	les Blancs	5.59 285	P	21 23 00.6	+3.4
LPL	La Plagne	5.62 302	ePn	21 22 57.7	+0.3
LPL	La Plagne	5.62 302	eP	21 23 01.5	+3.5
LPL			eSn	21 23 58.0	-4.2
LPL	comp=N,6,0nm,0.3s				
OHR	Ohrid	5.66 104	↑Pn	21 23 00.6	+2.1
OHR			S	21 24 01.3	-1.7
ARTF	Artigues	5.71 281	P	21 23 01.6	+2.5
RSL	Roselend	5.76 303	P	21 23 01.1	+1.1
MLFY	PYUVOUBIER	5.78 280	P	21 23 02.2	+2.1
MLFY	Mely	5.79 285	P	21 23 04.2	+3.9
BSIF	la Bastide-des	5.85 384	P	21 23 02.9	+2.8
OGSI	Sixt	5.88 307	P	21 23 03.0	+1.6
GDM	Grand/Maison	5.88 297	P	21 23 05.0	+3.3
SKO	Skopje	5.91 95	↑Pn	21 23 03.7	+1.8
AIGLE	Aigle	5.91 310	P	21 23 03.6	+1.7
SMRF	Simiane la Rot	5.93 285	eP	21 23 05.1	+3.0
ORIF	Oris-en-Rattie	5.94 294	ePn	21 23 05.1	+0.8
ORIF	Oris-en-Rattie	5.94 294	ePn	21 23 05.3	+2.9
ORIF			eSn	21 24 05.6	-4.4
ORIF	comp=N,1,3nm,0.5s				
ORIF	Oris-en-Rattie	5.94 294	P	21 23 04.6	+2.2
RUSO	Rustrel	5.99 284	P	21 23 06.4	+3.5
RRO	Srobarova	6.09 32	eSn	21 24 12.1	-1.1
CKRC	Cesky Krumlov	6.09 5	ePn	21 23 04.2	-0.2
CKRC			eSn	21 24 10.6	-3.0
GERES	GERESS Array B	6.09 1	↑Pn	21 23 04.3	-0.1
GERES	comp=N,0,9nm,0.3s,baz=176,slow=16,SNR=21				
GERES			Sn	21 24 10.8	-3.0
GERES	comp=N,4,3nm,0.3s,baz=174,slow=25,SNR=11				
SULZ	Cheischer	6.12 323	P	21 23 06.4	+1.7
SLE	Schleiheim	6.14 316	P	21 23 05.6	+0.6
TORNY	Torny/Romont	6.17 323	P	21 23 06.8	+1.4
BALST	Balsthal	6.17 320	S	21 23 06.0	+0.6
BALST	Balsthal	6.17 320	S	21 24 11.1	-1.5
MODS	Modra-Piesok	6.21 24	ePn	21 23 06.1	+0.2
MODS			S	21 23 13.0	+3.4
MVDR	Moldovita	6.26 68	↑Pn	21 23 07.5	+0.8
OGSM	Saint Maurice	6.32 300	P	21 23 08.4	+1.0
KHC	Kasperske Hory	6.38 30	ePn	21 23 08.2	-0.1
KHC			eSn	21 24 17.8	-2.9
GMIEL	St. Georges /	6.42 309	P	21 23 09.9	+1.1
BOUR	Bourignon	6.44 318	P	21 23 09.8	+0.7
FELD	Feldberg im Sc	6.44 325	P	21 23 10.2	+1.0
BZS	Buzias	6.48 61	↑P	21 23 07.2	-2.4
STIP	Stip	6.51 96	↑Pn	21 23 13.3	+3.2
STIP			S	21 24 26.8	+2.9
EBANT	Les Verrieres	6.53 312	↑Pn	21 23 11.2	+0.8
KIZ	Kirchzarten	6.54 325	P	21 23 11.2	+0.8
CABF	La Chapelle	6.56 309	ePn	21 23 10.2	-0.6
CABF	La Chapelle	6.56 309	ePn	21 23 14.8	+4.0
CABF			eSn	21 24 21.0	-4.2
CABF	comp=N,11nm,0.5s				
OG35	Corcelles	6.58 303	P	21 23 11.2	+0.1
KRUC	Krakovsky	6.62 17	ePn	21 23 11.4	-0.1
KRUC			eSn	21 24 22.8	-3.7
CHMF	Charmoille	6.63 315	P	21 23 12.7	+0.9
VIVF	Saint-Julien-I	6.75 291	ePn	21 23 12.6	-0.7
VIVF	Saint-Julien-I	6.75 291	ePn	21 23 12.7	+0.9
VIVF			eSn	21 24 24.7	-5.0
VIVF	comp=N,1,4nm,0.4s				
BOUC	Bouclans	6.84 314	P	21 23 14.8	+0.3
BOUC			S	21 24 27.1	-4.9
VYHS	Vyhne	6.84 31	↑Pn	21 23 16.0	+1.4
VYHS			eSn	21 24 28.3	-3.7
VAY	Valandovo	6.88 99	↑Pn	21 23 16.4	+1.3
VAY			S	21 24 31.2	-1.7
VRAN	Vranov	6.89 17	ePn	21 23 15.2	-0.1
HINF	Hinterfeld	6.91 319	ePn	21 23 15.3	-0.3
HINF	Hinterfeld	6.91 319	ePn	21 23 19.0	+4.4
HINF			eSn	21 24 30.3	-3.7
HINF	comp=N,30nm,0.3s				
RONF	Ronchamp	6.94 318	P	21 23 16.7	+0.7
RONF			S	21 24 31.5	-3.0
ECH	Echery	7.06 323	S	21 23 17.0	+0.1
WLS	Welschbruch	7.13 325	P	21 23 18.9	+0.3
WLS	Welschbruch	7.13 325	ePn	21 23 18.7	-0.4

CDF	Champ du Feu	7.16 324	eP	21 23 23.1	+4.0
CDF			eSn	21 24 36.8	-3.1
LASF	Ste Croix	7.17 284	ePn	21 23 18.9	-0.2
LASF	Ste Croix	7.17 284	eP	21 23 23.2	+4.1
LASF			eSn	21 24 34.1	-6.0
PRU	Pruhonic	7.27 5	eSn	21 24 39.0	-3.5
HOU	Houdompre	7.29 319	ePn	21 23 20.4	-0.4
HOU	Houdompre	7.29 319	eP	21 23 25.2	+4.4
HOU			eSn	21 24 39.6	-3.5
NKC	Novy Kostel	7.52 355	eSn	21 24 43.5	-5.2
DMC	Dobruska-Polom	7.84 13	ePn	21 23 28.5	+0.2
SMF	Signal de Mont	7.92 303	ePn	21 23 28.3	-1.2
SMF	Signal de Mont	7.92 303	eP	21 24 56.4	-2.2
SMF			eSn	21 24 56.4	-2.2
PAGF	Fort de Pagny	7.97 319	ePn	21 23 29.6	-0.5
PAGF	Fort de Pagny	7.97 319	eP	21 23 34.7	+4.6
PAGF			eSn	21 24 55.0	-4.8
SFTF	Sextfontaines	8.08 315	eP	21 23 29.8	-1.8
SFTF			eSn	21 24 57.7	-4.8
LOR	Lormes	8.21 307	ePn	21 23 32.6	-0.7
LOR	Lormes	8.21 307	eP	21 23 36.4	+3.1
LOR			eSn	21 25 01.2	-4.3
MEZF	Matizieres Jvi	8.27 317	ePn	21 23 33.8	-0.3
MEZF	Matizieres Jvi	8.27 317	eP	21 23 38.8	+4.7
MEZF			eSn	21 25 01.0	-6.0
AVF	Avril sur Loir	8.29 303	ePn	21 23 33.2	-1.3
AVF	Avril sur Loir	8.29 303	eP	21 23 38.4	+3.9
AVF			eSn	21 25 02.3	-5.3
SAVF	Savonnières en	8.30 318	ePn	21 23 33.9	-0.8
SAVF	Savonnières en	8.30 318	eP	21 23 39.2	+4.5
MTFL	Montleu	8.31 278	ePn	21 23 36.8	+2.1
SSF	Saint Saule	8.32 305	ePn	21 23 33.5	-1.3
SSF	Saint Saule	8.32 305	eP	21 23 38.2	+3.4
SSF			eSn	21 25 02.6	-5.7
BGF	Bois d'Agland	8.51 300	ePn	21 23 36.4	-1.1
BGF	Bois d'Agland	8.51 300	eP	21 23 41.6	+4.9
BGF			eSn	21 25 07.2	-5.9
CLL	Colim	8.57 358	ePn	21 23 39.0	+0.8
CLL			eX	21 23 51.0	
CLL			eP	21 24 02.0	
CLL			eX	21 24 58.0	-1.6
CLL			eX	21 25 12.0	
CLL			eX	21 25 48.0	
CLL			eX	21 26 00.0	
CLL			eSg	21 26 08.0	
CAF	Calviac	8.57 289	ePn	21 23 37.2	-1.1
CAF	Calviac	8.57 289	eP	21 23 42.1	+3.8
TCF	Touix Ste Croi	8.83 297	ePn	21 23 41.0	-0.9
TCF	Touix Ste Croi	8.83 297	eP	21 23 45.9	+4.0
TCF			eSn	21 25 14.9	-5.9
RJF	Les Rejaudoux	9.02 291	eP	21 23 49.0	+4.4
MON	Montcuq	9.10 284	P	21 23 48.4	+2.7
MLS	Moulis	9.14 276	P	21 23 48.2	+2.1
GIVF	Givet	9.49 324	eSn	21 23 51.2	-5.9
LFF	La Freestone	9.50 288	eP	21 23 54.1	+3.1
EAPF	Esparrros	9.69 276	eP	21 23 57.9	+4.2
EAPF	Esparros	9.69 276	eP	21 23 59.2	+5.0
ETSF	Etsaut	10.36 276	ePn	21 24 07.5	+4.6
MFF	Saint Martin d	10.47 296	ePn	21 24 03.9	-0.5
SJPF	St Jean	10.83 277	ePn	21 24 06.5	-2.8
LDF	La Druitiere	11.19 306	ePn	21 24 18.5	+4.3
FLN	La Foliniere	11.48 306	ePn	21 24 18.3	+3.9
GOR	Gotron				

Table with columns: STA, Name, Az, El, SNR, P, R, X, Y, Z, etc. Includes stations like STKA Stephens Creek, KDU Kakadu, BNDI Bandanaira, etc.

Table with columns: OPA, Name, Az, El, SNR, P, R, X, Y, Z, etc. Includes stations like JMN Monobe, JGF Kuroka, MAJO Matsushiro, etc.

Table with columns: CHTO, Name, Az, El, SNR, P, R, X, Y, Z, etc. Includes stations like XLT XiLinHaoTe, NIKH Nikolski High, MA2 Magadan, etc.

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N19K	Bonanza Creek baz=224	79.47	20	P	P	21 47 45.4 +0.5	
IRK	Irkutsk	79.51 328	eP		pmax	21 47 43.7 -1.5	
TNA	Tin City baz=211	79.53	13	P	P	21 47 45.0 +0.1	
CNPM	China Poot	79.74	22	P	P	21 47 46.8 +0.5	
RSLO	Redoubt South	79.83	21	P	P	21 47 47.9 +0.9	
BRLK	Bradley Lake	80.03	22	P	P	21 47 47.3 -0.6	
BRSE	Bradley Lake S baz=228	80.07	22	P	P	21 47 48.4 +0.4	
M19K	Big River Lodg baz=224	80.29	20	P	P	21 47 50.0 +0.8	
L19K	White Mountain comp=Z,29nm,0.9s	80.34	19	I	Amb	21 47 57.6	
L19K	White Mountain baz=224	80.34	19	P	P	21 47 50.1 +0.7	
TTA	Tatalina comp=Z,21nm,1.0s	80.52	18	I	Amb	21 47 57.8	
TTA	Tatalina baz=222,SNR=14	80.52	18	P	P	21 47 50.8 +0.3	
N20K	Mount Spurr baz=228	80.53	21	P	P	21 47 50.7 +0.1	
M20K	Styx River comp=Z,36nm,1.4s	80.69	20	I	Amb	21 48 17.6	
M20K	Styx River baz=225	80.69	20	P	P	21 47 52.0 +0.5	
SEW	Seward baz=229	80.80	23	P	P	21 47 52.3 +0.4	
L20K	Farewell, AK baz=225	80.87	19	P	P	21 47 52.8 +0.5	
MOY	Mondy	80.93 327	eP		pmax	21 47 52.0 -1.0	
SUA	comp=Z,27nm,1.8s Susitna One	81.23	21	P	I	Amb	21 47 55.1 +0.7 21 48 06.8
SUA	comp=Z,56nm,1.3s Susitna One	81.23	21	P	P	21 47 54.7 +0.4	
SKT	Skwentna baz=227	81.31	21	P	P	21 47 55.1 +0.5	
RC01	Rabbit Creek A	81.34	22	P	I	Amb	21 47 55.4 +0.6 21 48 20.5
K20K	comp=Z,48nm,1.4s Telida	81.44	19	I	Amb	21 47 55.9 +0.6 21 47 58.9	
K20K	comp=Z,28nm,1.0s Telida	81.44	19	P	P	21 47 56.0 +0.6	
RAMM	Ramitza comp=Z,8.3nm,0.7s	81.50 299	eP			21 47 56.0 -0.8	
M22K	Willow	81.65	21	P	P	21 47 56.5 +0.1	
M22K	Willow baz=228	81.65	21	P	P	21 47 56.9 +0.5	
PWL	Port Wells	81.71	22	P	I	Amb	21 47 57.6 +0.8 21 48 06.1
PWL	Port Wells comp=Z,41nm,1.1s	81.71	22	P	P	21 47 57.0 +0.2	
PPLA	Purkeypile	81.72	20	P	I	Amb	21 47 57.7 +0.8 21 48 00.0
PPLA	comp=Z,88nm,1.8s Purkeypile	81.72	20	P	P	21 47 57.2 +0.2	
PMR	Palmer baz=226	81.89	22	P	P	21 47 57.3 -0.4	
PMR	Palmer baz=229	81.89	22	P	P	21 47 58.2 +0.5	
PMR	Palmer	81.89	22	P	P	21 47 57.3 -0.4	
J20K	comp=Z,23nm,1.1s Nowinta River	82.00	18	P	I	Amb	21 47 57.6 -0.7 21 48 01.9
J20K	comp=Z,31nm,1.1s Nowinta River	82.00	18	P	P	21 47 58.6 +0.3	
KNJK	Knik Glacier baz=224,SNR=9.5	82.02	22	P	P	21 47 58.9 +0.4	
CUT	Chulitna baz=230	82.03	21	P	P	21 47 58.5 +0.1	
J19N	Jiri comp=Z,7.1nm,0.6s	82.05 300	eP			21 47 58.0 -1.8	
CAST	Castle Rocks comp=Z,16nm,0.8s	82.12	19	I	Amb	21 48 05.2	
CAST	Castle Rocks baz=226,SNR=11	82.12	19	P	P	21 47 58.6 -0.3	
SML	Sawmill	82.32	22	P	P	21 48 01.1 +1.1	
SML	Sawmill baz=230	82.32	22	P	P	21 47 59.6 -0.4	
CHUM	Lake Minchumin baz=226	82.37	19	P	P	21 48 00.7 +0.5	
GUN	Gumba comp=Z,37nm,1.0s	82.39 300	eP			21 47 59.7 -1.8	
M23K	Glacier View baz=230	82.53	22	P	P	21 48 02.6 +1.5	
KTH	Kantishna Hill comp=Z,27nm,1.0s	82.59	20	I	Amb	21 48 11.1	
KAIM	Kayak Island baz=234	82.66	24	P	P	21 48 04.4 +2.7	
PKI	Pulchoki comp=Z,44nm,0.7s	82.69 300	eP			21 48 02.1 -1.0	
PKIN	Pulchoki comp=Z,22nm,0.7s	82.70 300	eP			21 48 01.8 -1.3	
TRF	Thorofore Moun comp=Z,24nm,1.0s	82.73	20	I	Amb	21 48 32.0	
TRF	Thorofore Moun baz=228	82.73	20	P	P	21 48 02.5 +0.2	
KKN	Kakani baz=230	82.86 300	eP			21 48 02.1 -1.7	
WAT1	Susitna Watana baz=230	82.91	21	P	P	21 48 03.1 0.0	
DMN	Daman comp=Z,74nm,0.9s	82.92 300	eP			21 48 03.3 -1.1	
KLU	Klutina	83.02	23	P	I	Amb	21 48 04.7 +1.0 21 48 18.6
KLU	comp=Z,35nm,1.2s Klutina baz=232	83.02	23	P	P	21 48 05.1 +1.4	
WAT6	Susitna Watana baz=230	83.03	21	P	P	21 48 05.5 +1.6	
RND	Reindeer	83.18	20	P	P	21 48 04.7 +0.2 21 48 14.1	
RND	comp=Z,20nm,1.1s	83.18	20	P	P	21 48 04.7 +0.2	
BMRM	Bremner River baz=233	83.20	23	P	P	21 48 07.1 +2.5	
BERG	Berg Lake	83.22	24	P	P	21 48 04.6 0.0	
MAW	Mawson comp=Z,15nm,0.9s,baz=92,slow=7.3,SNR=13	83.28 202	P			21 48 06.1 +1.2	
MAW	comp=Z,3.6nm,0.3s,baz=236,slow=7.3,SNR=23	83.28 202	P			22 06 23.9 -3.5	
MAW	comp=Z,15nm,0.9s	83.28 202	P			21 48 05.9 +1.0	
MAW	comp=Z,33,SNR=8.6	83.28 202	P			21 48 06.2 +1.2	
MAW	comp=Z,3.0nm,0.9s	83.28 202	P			21 48 06.2 +1.3	
M24K	Tolsona, Glenn baz=232	83.30	22	P	P	21 48 06.1 +0.9	
M24K	Tolsona, Glenn baz=232	83.30	22	P	P	21 48 06.3 +1.1	
MCK	McKinley baz=229,SNR=17	83.37	20	P	P	21 48 04.9 -0.5	
I21K	Tanana comp=Z,23nm,1.0s	83.38	18	I	Amb	21 48 08.8	
I21K	Tanana baz=226	83.38	18	P	P	21 48 05.5 +0.1	
H21K	Melozitna River baz=225	83.46	17	P	P	21 48 06.3 +0.5	
DHY	Denali Highway	83.48	21	P	P	21 48 07.8 +1.7 21 48 33.9	
DHY	comp=Z,49nm,1.6s Denali Highway baz=231	83.48	21	P	P	21 48 07.2 +1.0	
BWN	Browne	83.48	20	P	P	21 48 07.1 +1.1	
N25K	Chitina, Valde	83.59	23	P	I	Amb	21 48 06.8 +0.2 21 48 13.5
N25K	comp=Z,23nm,1.1s Chitina, Valde baz=233	83.59	23	P	P	21 48 06.6 -0.1	
MLY	Manley comp=Z,14nm,0.8s	83.66	18	I	Amb	21 48 13.7	
MLY	Manley baz=227,SNR=9.4	83.66	18	P	P	21 48 07.6 +0.7	
GLB	Gilahina Butte	83.80	23	P	I	Amb	21 48 07.8 +0.1 21 48 10.2

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VRDI	comp=Z,25nm,0.9s Verde Repeater	83.81	24	P	P	21 48 08.2 +0.2 21 48 59.7	
HARP	comp=Z,34nm,1.2s HAARP	83.86	22	P	P	21 48 08.3 +0.4	
G21K	Allakaket baz=225	83.87	17	P	P	21 48 09.0 +1.1	
NEA2	Nenana comp=Z,24nm,1.0s	83.89	19	I	Amb	21 48 14.2	
NEA2	Nenana baz=229,SNR=11	83.89	19	P	P	21 48 07.6 -0.5	
ISLE	Juniper Island Ishaitna Cre	83.89	24	P	P	21 48 09.8 +1.5 21 48 09.6 +0.8	
H22K	84.05	18	P	P		21 48 09.9 +0.9 21 48 29.9	
MCARA	McCarthy VSAT MCARA	84.07	24	P	I	Amb	21 48 10.0 +1.0
MCARA	comp=Z,28nm,1.0s McCarthy VSAT baz=235	84.07	24	P	P	21 48 10.8 +0.6	
PAX	Paxson baz=232	84.09	22	P	P	21 48 09.7 +0.5 21 48 15.4	
WRH	Wood River Hill	84.13	20	P	I	Amb	21 48 09.7 +0.5 21 48 15.4
I23K	Minto, Yukon-K I23K	84.17	19	P	P	21 48 09.8 +0.5 21 48 09.5 +0.1	
KOLN	Koldanda comp=Z,7.7nm,0.9s	84.29 300	eP			21 48 09.1 -2.1	
KOLN	Koldanda baz=239	84.29 300	eP			21 48 09.2 -1.9	
KOLN	Koldanda baz=230	84.29 300	eP			21 48 09.3 -1.9	
DANN	Dangising baz=230	84.31 300	eP			21 48 09.5 -1.7	
F21K	Alatina River baz=224	84.39	16	P	P	21 48 10.6 +0.1	
MDM	Murphy Dome	84.41	19	P	I	Amb	21 48 10.8 +0.1 21 48 16.9
BARN	Barnard Glacier	84.43	24	P	P	21 48 11.2 +0.1	
FCOL	CIGO, UAF Yank	84.47	19	P	P	21 48 10.4 -0.5	
COLA	COLA College	84.47	19	I	P	21 48 10.4 0.6	
COLA	COLA College	84.47	19	P	P	21 48 10.8 -0.1	
HDA	comp=Z,17nm,0.9s Harding Lake	84.47	20	P	I	Amb	21 48 11.6 +0.6 21 48 17.6
HDA	comp=Z,25nm,1.0s Harding Lake	84.47	20	P	P	21 48 10.9 -0.1	
K24K	Donnelly Dome baz=231,SNR=14	84.50	21	P	P	21 48 11.8 +0.7	
H23K	Yukon River comp=Z,15nm,0.9s	84.56	18	I	Amb	21 48 18.6	
H23K	Yukon River	84.56	18	P	P	21 48 12.2 +0.7	
M26K	Nabesna, AK M26K	84.67	23	P	I	Amb	21 48 12.9 +0.8 21 48 20.2
M26K	comp=Z,17nm,0.9s Nabesna, AK baz=235	84.67	23	P	P	21 48 13.1 +1.0	
IL31	IL31	84.73	20	P	I	Amb	21 48 11.9 -0.3 21 48 18.5
ILAR	comp=Z,27nm,1.5s Eielson Array	84.73	20	P	P	21 48 11.6 -0.7	
ILAR	Eielson Array	84.73	20	P	P	21 48 11.6 -0.7	
POKR	Poker Flat Res	84.77	19	P	P	21 48 11.8 -0.7	
POKR	Poker Flat Res baz=230	84.77	19	P	P	21 48 12.4 -0.1	
O28M	Mount Upton baz=237	84.87	25	P	P	21 48 14.2 +0.8	
L26K	Log Cabin Wild L26K	84.90	22	P	I	Amb	21 48 13.5 +0.3 21 48 22.0
L26K	comp=Z,12nm,0.8s Log Cabin Wild baz=232	84.90	22	P	P	21 48 14.1 +0.9	
F22K	John River baz=226	84.94	16	P	P	21 48 13.5 +0.2	
G23K	Bananza Creek baz=226	85.01	17	P	P	21 48 14.8 +1.1	
DOT	Dot Lake	85.01	21	P	P	21 48 12.7 -1.0 21 48 21.7	
TIXI	comp=Z,15nm,0.8s Tiksi	85.06 350	P			21 48 12.0 -1.7	
TIXI	comp=Z,6.1nm,0.8s,baz=58,slow=0.2,SNR=20	85.06 350	P			21 48 13.5 -0.3 21 48 15.2	
TIXI	comp=Z,30nm,1.5s Tiksi	85.06 350	P			21 48 13.5 -0.3	
M27K	comp=Z,30nm,1.5s Edge Creek, AK baz=236,SNR=10	85.07	23	P	P	21 48 14.7 +0.5	
H24K	Noodor Dome baz=230	85.09	19	P	P	21 48 16.3 +2.2	
SCRK	Sand Creek	85.23	21	P	I	Amb	21 48 15.1 +0.2 21 48 22.3
SCRK	comp=Z,16nm,0.9s Sand Creek baz=234,SNR=9.5	85.23	21	P	P	21 48 15.2 +0.2	
YUK3	Moose Creek baz=232	85.31	24	P	P	21 48 15.7 +0.2	
COLD	Coldfoot	85.31	17	P	P	21 48 16.1 +0.9	
COLD	Coldfoot baz=228	85.31	17	P	P	21 48 15.7 +0.5	
P29M	Windy Craggy baz=240	85.31	26	P	P	21 48 17.7 +2.3	
YUK8	Steele Glacier baz=238	85.32	25	P	P	21 48 16.3 +0.6	
E22K	Anaktuvuk Pass baz=238	85.48	16	P	P	21 48 16.7 +0.6	
L27K	Beaver Creek, comp=Z,28nm,1.2s	85.49	23	I	Amb	21 48 19.5	
L27K	Beaver Creek, baz=236	85.49	23	P	P	21 48 16.5 +0.4	
BVCY	Beaver Creek baz=237,SNR=7.6	85.50	23	P	P	21 48 16.9 +0.7	
J26L	Joseph Creek	85.59	21	P	I	Amb	21 48 19.3 +2.1 21 49 21.3
J26L	comp=Z,48nm,2.0s Joseph Creek baz=234	85.59	21	P	P	21 48 20.0 +2.7	
S32K	Killisnoo baz=242	85.71	29	P	P	21 48 19.7 +2.5	
YUK6	Outpost Mounta baz=239	85.72					

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations 565.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations 8d 21h.

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Table with columns: STK, Station Name, Time, Res, and other details. Includes stations like Stephens Creek, Kakao, Alice Springs, Rualatuna, etc.

Table with columns: STK, Station Name, Time, Res, and other details. Includes stations like Edge Creek, Sand Creek, Beaver Creek, etc.

Table with columns: STK, Station Name, Time, Res, and other details. Includes stations like LIFNC, DZM, MONT, etc.

FUNV 08 21:44:46.9; 9.72N; 70.76W, h2km, MW3.0
ISC 08 21:44:48.3; 1.0; 9.74N; 0.04; 70.76W; 0.03, h22km, gkm, n19, -0578/30, Venezuela

IDC 08 21:48:29.0; 0.4; 10.72S; 161.22E, h0km, mb5.2/26, mbmp5.2/30, ML3.2/2, Error ellipse: s-maj=13.3km s-min=11.4km az=78.0
BUJ 08 21:48:30.6; 0.0; 10.34S; 161.161E, h23km, mb5.1/36, mB6.0/14, Ms6.3/12, Ms7.5/11
MOS 08 21:48:31.8; 1.1; 10.78S; 161.161E, h32km, mb5.5/52, Error ellipse: s-maj=7.3km s-min=6.5km az=131.3
ISC-EH 08 21:48:33.0; 10.84S; 161.33E, h27km, 1km, Error ellipse: s-maj=2.4km s-min=1.8km az=147.0
NEIC 08 21:48:33.9; 1.4; 10.87S; 160.06; 161.23E; 0.107, h27km, 1km, mb5.5/36, Error ellipse: s-maj=11.1km s-min=8.7km az=71.0
NOU 08 21:48:35.4; 10.92S; 161.24E, h37km, mb5.5/142, Solomon Islands
ISC 08 21:48:33.0; 0.2; 10.84S; 161.161E; 128E; 0.04, h28km, n1085, c121/988, mb5.5/299, 14C-11, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and other details. Includes stations like HNR, DZM, etc.

Table with columns: MSVF, comp, pmax, pmax, and numerical values. Includes entries like Beerwah State, Pohnppei, Mount Surprise, etc.

Table with columns: PLWZ, Palliser, Kahutara, LTZ, Lake Taylor, etc. and numerical values. Includes entries like Jackson Bay, Moorlands, Rata Peaks, etc.

Table with columns: BKKI, Banjar Baru, Rocky Gully, RKGY, Rocky Gully, etc. and numerical values. Includes entries like Gunungas, Kota Kinabalu, etc.

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PCA COLA COLA	Pinnacle College	84.51	25	P	P	22 01 04.7 +1.5
COLA COLA	Pinnacle College	84.51	19	P	P	22 01 03.2 +0.3
COLA COLA	comp-Z,35nm,0.8s					
COLA COLA	College	84.51	19	P	P	22 01 02.9 0.0
COLA COLA	baz=230					
COLA COLA	College	84.51	19	P	P	22 01 03.2 +0.3
PINM	comp-Z,35nm,0.9s					
PINM	Pinnacle	84.51	25	P	P	22 01 03.7 +0.5
HDA HDA	Harding Lake	84.51	20	Iamb	Iamb	22 01 11.5
HDA HDA	Harding Lake	84.51	20	P	P	22 01 02.2 -0.8
K24K	Harding Lake	84.53	21	P	P	22 01 03.3 +0.1
H23K	Yukon River	84.60	18	Iamb	Iamb	22 01 09.9
H23K	Yukon River	84.60	18	P	P	22 01 03.9 +0.5
PNL	Peninsula	84.65	26	P	P	22 01 03.7 -0.1
M26K	Nabesna, AK	84.71	23	Iamb	Iamb	22 01 16.9
M26K	Nabesna, AK	84.71	23	P	P	22 01 03.7 -0.4
MENT	Mentasta	84.75	22	Iamb	Iamb	22 01 40.5
IL31	comp-Z,30nm,1.0s					
IL31	comp-Z,26nm,1.1s					
ILAR	Eielson Array	84.76	20	P	P	22 01 02.8 -1.5
ILAR	comp-Z,3.8nm,0.5s,ba					
ILAR	PKKPbc	22				22 19 14.6 -2.1
ILAR	comp-Z,1.4nm,0.9s,ba					
ILAR	Eielson Array	84.76	20	P	P	22 01 04.0 -0.2
ILAR	Eielson Array	84.76	20	P	P	22 01 04.1 -0.2
POKR	Poker Plat Res	84.80	19	P	P	22 01 04.8 +0.4
POKR	Poker Plat Res	84.80	19	P	P	22 01 04.6 +0.2
O28M	Mount Upton	84.90	25	P	P	22 01 05.8 +0.4
DIB	Dawson Inlet	84.91	34	P	P	22 01 06.6 +1.4
L26K	Log Cabin Wild	84.94	22	P	P	22 01 05.9 +0.6
F22K	John River	84.98	16	P	P	22 01 05.6 +0.3
DOT	Dot Lake	85.05	21	Iamb	Iamb	22 01 14.8
G23K	Bananza Creek	85.05	17	P	P	22 01 06.0 +0.2
TIXI	Tiksi	85.10	350	P	P	22 01 04.4 -1.4
TIXI	comp-Z,8.2nm,0.9s,ba					
TIXI	Tiksi	85.10	350	P	P	22 01 04.4 -1.4
M27K	Edge Creek, AK	85.11	23	P	P	22 01 06.6 +0.4
H24K	Noodor Dome	85.12	19	P	P	22 01 06.3 +0.2
S31K	Pelican	85.20	28	P	P	22 01 06.1 -0.4
SCRK	Sand Creek	85.27	21	Iamb	Iamb	22 01 13.5
SCRK	Sand Creek	85.27	21	P	P	22 01 06.6 -0.3
O29M	Mount Kennedy	85.33	26	P	P	22 01 07.1 -0.2
YUK3	Moose Creek	85.34	24	P	P	22 01 07.4 -0.1
COLD	Coldfoot	85.35	17	P	P	22 01 08.5 +1.4
COLD	Coldfoot	85.35	17	P	P	22 01 07.5 +0.4
P29M	Windy Craggy	85.35	26	P	P	22 01 07.4 +0.1
YUK8	Steele Glacier	85.36	25	P	P	22 01 08.3 +0.6
KMPM	Mount Pierce	85.50	48	P	P	22 01 09.0 +0.3
E22K	Anaktuvuk Pass	85.52	16	P	P	22 01 08.3 +0.2
L27K	Beaver Creek	85.53	23	Iamb	Iamb	22 01 16.1
L27K	Beaver Creek	85.53	23	P	P	22 01 08.6 +0.4
BVCY	Beaver Creek	85.53	23	P	P	22 01 08.8 +0.6
J26L	Joseph Creek	85.73	21	P	P	22 01 10.0 +0.8
KMRM	Mail Ridge	85.74	48	P	P	22 01 10.6 +0.8
YUK6	Outpost Mounta	85.75	25	P	P	22 01 10.5 +0.9
G24K	Hadweenic Riv	85.81	18	P	P	22 01 10.2 +0.7
U33K	Whale Pass	85.84	31	P	P	22 01 09.9 +0.1
YUK4	Talbot Arm	85.84	25	P	P	22 01 11.0 +1.0
PLBC	Pleasant Camp	85.87	27	P	P	22 01 10.2 +0.3
WMQ	Urumsqj	85.87	316	eP	P	22 01 08.5 -1.9
WMQ	comp-Z,6um,17.9s					
WMQ	comp-Z,7um,17.9s					
WMQ	comp-Z,10um,21.1s					
KHMM	Horse Mountain	85.93	47	P	P	22 01 11.2 +0.4
P30M	Million Dollar	85.93	26	P	P	22 01 11.0 +0.7
K27K	Chicken	85.99	22	P	P	22 01 11.4 +1.0
GDXM	Geysers	85.99	49	P	P	22 01 12.8 +1.7
GDXM	comp-Z,28nm,1.1s					
HYT	Haines Junctio	86.05	25	P	P	22 01 11.8 +0.9
HYT	comp-Z,24nm,1.0s					
HYT	Haines Junctio	86.05	25	P	P	22 01 11.9 +1.0
E23K	Chandalar	86.07	17	P	P	22 01 11.6 +0.7
BESE	Bessie Mountai	86.13	28	P	P	22 01 11.8 +0.5
BESE	comp-Z,27nm,0.9s					
F24K	Squaw Lake	86.21	17	P	P	22 01 12.2 +0.8
G25K	Bearman Lake	86.27	18	P	P	22 01 12.7 +1.0
SKAG	Skagway	86.37	31	P	P	22 01 12.7 +0.6
WRAK	Wrangell Islan	86.37	31	P	P	22 01 12.5 +0.2
HYBB	Hyderabad (bro	86.38	288	eP	P	22 01 13.9 +0.5
HYBB	comp-Z,25nm,1.2s					
HYBB	comp-Z,25nm,1.2s					
HYBB	Eagle	86.40	16	P	P	22 01 12.8 +0.5
D23K	Nanushuk River	86.40	16	P	P	22 01 13.2 +0.8
E24K	Your Creek	86.42	52	P	P	22 01 13.4 +1.0
FYO	Fort Yukon	86.42	52	P	P	22 01 13.5 +0.3
SAO	San Andreas Ge	86.42	52	P	P	22 01 13.5 +0.3
SAO	comp-Z,77nm,1.6s					
SAO	comp-Z,77nm,1.6s					
TOLK	Toolik Lake Re	86.47	16	P	P	22 01 13.6 +0.9
M29M	Somme Creek	86.49	24	P	P	22 01 13.5 +0.4
N30M	Aishikik Lake	86.55	25	P	P	22 01 14.3 +1.0
O30N	Mendenhall	86.63	26	P	P	22 01 13.9 +0.3
A21K	Barrow	86.68	12	P	P	22 01 14.4 +0.8
BGBG	Big Mountain B	86.69	52	P	P	22 01 15.1 +0.5
EGAK	Eagle	86.74	21	P	P	22 01 14.8 +0.8
YBH	Yreka Blue Hor	86.92	47	Iamb	Iamb	22 01 21.5
F25K	Christian Rive	86.93	18	P	P	22 01 15.8 +0.8

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L29M	L29M	86.97	23	P	P	22 01 15.9 +0.6
DAWY	Dawson	86.99	22	P	P	22 01 15.9 +0.5
SNCC	San Nicolas Is	87.00	56	P	P	22 01 16.2 +0.1
SNCC	San Nicolas Is	87.00	56	P	P	22 01 16.1 0.0
HUMO	Hull Mountain	87.00	46	P	P	22 01 15.8 -0.1
HUMO	comp-Z,22nm,0.9s					
C23K	Itliklik River	87.01	15	P	P	22 01 16.0 +0.7
I27K	Kank River	87.04	20	P	P	22 01 16.1 +0.4
SC2Z	Santa Cruz Isl	87.11	55	P	P	22 01 17.4 +0.8
N31M	Braeburn, Yuko	87.11	25	P	P	22 01 17.2 +1.3
N31M	comp-Z,47nm,1.1s					
N31M	Braeburn, Yuko	87.11	25	P	P	22 01 17.4 +1.4
G26K	Porcupine Rive	87.11	19	P	P	22 01 16.6 +0.8
P32M	Atlin	87.12	27	P	P	22 01 16.2 +0.1
SBC	Santa Barbara	87.16	54	P	P	22 01 17.3 +0.5
SMMC	Simmler	87.16	53	P	P	22 01 17.2 +0.4
ORV	Oroville	87.17	49	Iamb	Iamb	22 01 23.6
PKM	Mchpherson Park	87.20	54	P	P	22 01 17.6 +0.4
M30M	Minto, Yukon	87.23	24	P	P	22 01 17.8 +1.3
M30M	comp-Z,55nm,1.6s					
M30M	Minto, Yukon	87.23	24	P	P	22 01 17.8 +1.3
H25K	Mount Hebo	87.26	43	P	P	22 01 18.6 +1.5
E25K	Arctic Village	87.28	17	P	P	22 01 17.6 +1.0
AFDM	Forest Hills D	87.39	50	Iamb	Iamb	22 01 20.6
C24K	Franklin Bluff	87.43	16	P	P	22 01 17.8 +0.5
H27K	Steamboat Moun	87.43	20	P	P	22 01 18.2 +0.8
F26K	Sheenjek River	87.44	18	P	P	22 01 18.3 +0.8
BCW	Shit Crk WRg	87.53	54	P	P	22 01 19.8 +1.0
K29M	Barlow Dome	87.58	23	P	P	22 01 19.1 +0.7
CMB	Columbia Colle	87.59	51	Iamb	Iamb	22 01 25.6
S34M	Telegraph Cree	87.60	30	P	P	22 01 19.2 +0.8
T35M	Bob Quinn	87.65	31	P	P	22 01 19.6 +0.9
G27K	Doyon Strip	87.71	19	P	P	22 01 19.7 +0.9
D25K	Kavik River	87.80	16	P	P	22 01 20.3 +1.1
P33M	Teslin, Yukon	87.80	27	P	P	22 01 20.0 +0.6
CIS	Catalina Islan	87.94	56	P	P	22 01 20.5 -0.2
DGZ	Jazzator, Alta	87.97	321	P	P	22 01 19.4 -1.2
DGZ	comp-Z,8.0nm,0.9s					
YES	Vestal, Richgr	88.02	53	P	P	22 01 20.4 -0.5
M31M	Drury Creek, Y	88.03	25	P	P	22 01 20.8 +0.5
ARVC	Arvin	88.04	54	P	P	22 01 21.4 +0.4
I29M	Ogilvie Camp,	88.07	21	P	P	22 01 20.6 +0.1
BEKR	Beckworth	88.10	49	Iamb	Iamb	22 01 30.6
N32M	Quiet Lake	88.11	26	P	P	22 01 21.6 +0.8
H04A	Detroit Lake	88.16	44	P	P	22 01 21.7 +0.3
H04A	comp-Z,31nm,1.3s					
DECC	Green Verdugo	88.22	55	P	P	22 01 22.3 +0.4
R33M	Jennings River	88.30	28	P	P	22 01 22.3 +0.5
PASC	Pasadena Art C	88.32	55	P	P	22 01 22.8 +0.4
DLBC	Dease Lake	88.35	29	P	P	22 01 22.6 +0.5
WAKR	Walker	88.43	50	Iamb	Iamb	22 01 31.5
ISA	Isabella, Lake	88.45	53	Iamb	Iamb	22 01 31.1
ISA	Isabella, Lake	88.45	53	P	P	22 01 23.1 0.0
PNTR	Pine Nut	88.46	50	P	P	22 01 22.9 -0.3
FARO	Faro, Yukon	88.48	25	P	P	22 01 22.4 -0.1
VCNR	Virginia City	88.48	50	P	P	22 01 24.3 +1.0
MDPB	Devils Postpil	88.48	51	P	P	22 01 23.7 +0.3
MDPB	comp-Z,57nm,1.6s					
K05A	Summer Lake	88.50	46	P	P	22 01 24.1 +0.8
E27K	Coleen River	88.51	18	P	P	22 01 23.3 +0.8
OMMB	Old Mammoth Mi	88.53	51	P	P	22 01 24.0 +0.2
OMMB	comp-Z,38nm,1.6s					
C26K	Camden Bay	88.57	16	P	P	22 01 23.8 +1.1
EDW2	Edwards Air Fo	88.64	54	P	P	22 01 24.0 0.0
CCAC	Calif City Air	88.69	54	P	P	22 01 24.8 +0.7
MOD	Modoc Plateau	88.69	47	P	P	22 01 25.1 +1.0
MOD	comp-Z,27nm,1.1s					
YERR	Yerington	88.70	50	P	P	22 01 24.3 0.0
YERR	comp-Z,18nm,0.7s					
HOOD	Mount Hood Me	88.70	43	P	P	22 01 25.2 +1.1
C27K	Jago River	88.73	17	P	P	22 01 24.4 +0.9
BFSK	Mount Baldy Ra	88.76	55	P	P	22 01 24.3 -0.3
PINE	Pine Mountain	88.76	45	P	P	22 01 25.4 +1.0
PINE	comp-Z,32nm,1.1s					
ELS	Elsinore Mount	88.80	56	Iamb	Iamb	22 01 31.7
109C	Camp Elliot, M	88.89	56	P	P	22 01 25.5 +0.4
109C	Camp Elliot, M	88.89	56	P	P	22 01 25.1 +0.1
ZSN	Zaisan	88.89	319	eP	P	22 01 22.6 -2.2
ZSN	Zaisan	88.89	319	eP	P	22 01 22.5 -2.2
CWC	Cottonwood Cre	88.95	53	P	P	22 01 25.4 -0.2
MURC	Murrieta	88.98	56	P	P	22 01 25.6 0.0
PLTX	Planet X, Gerl	88.98	48	P	P	22 01 26.2 +0.7
PLTX	comp-Z,48nm,0.5s					
TIN	Tinemaha, Big	88.99	52	P	P	22 01 25.8 +0.1
CCX	Cicess	89.01	57	P	P	22 01 26.2 +0.5
LRMC	Laurel Mtn Rad	89.03	54	P	P	22 01 26.1 +0.2
CBX	Cerro Bola	89.11	57	P	P	22 01 27.1 +0.8
EPYK	Eagle Plains	89.15	21	P	P	22 01 26.4 +0.8
EPYK	comp-Z,34nm,1.0s					
EPYK	Eagle Plains	89.15	21	P	P	22 01 26.2 +0.6
RYN	Ryan	89.16	51	P	P	22 01 26.4 0.0
RYN	comp-Z,63nm,1.4s					
TKX	Tecate	89.22	57	P	P	22 01 26.9 +0.2
DSP	Deep Springs	89.27	52	Iamb	Iamb	22 01 30.2
NVAR	Nevada	89.27	51	P	P	22 01 27.4 +0.3
NVAR	comp-Z,9.1nm,0.8s,ba					
NVAR	Manual Proport	89.33				

8d 21h

Table with columns: Station, Frequency, Power, Direction, and Time. Includes stations like GUMO, OOD, H11S2, MTN, FAKI, etc.

2016 DEC

Table with columns: Station, Frequency, Power, Direction, and Time. Includes stations like MBWA, BNSI, KAPI, KMBL, etc.

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Table with columns: Station, Frequency, Power, Direction, and Time. Includes stations like JOD2, JIE, HON, JRY, etc.

TAOE	comp=Z,24um,27.9s	eS	S	22 13 55.1 +0.1
TAOE	comp=Z,10um,26.3s	eSS	SS	22 17 46.8 +1.4
TAOE	comp=Z,72um,23.6s	eLR	LR	22 22 49.9
TPRI	Tanjung Pinang	57.67 278	P	22 06 07.1 +1.0
JMBI	Jambi	57.99 275	P	22 06 09.6 +1.0
INCN	Inchon	58.01 328	P	22 05 58.8 -0.7
INCN	Inchon	58.01 328	IAMS_20	IAMS_20
INCN	Inchon	58.01 328	P	22 06 01.5 +2.0
INCN	Inchon	58.01 328	P	22 05 58.8 -0.7
INCN	comp=Z,493nm,1.6s	pmx	pmx	
INCN	comp=Z,34um,20.0s	MLR	MLR	
MYKOM	Kota Tinggi	58.53 279	P	22 06 03.0 -0.5
QIZ	Qiongzong	58.78 300	P	22 06 06.1 +0.9
QIZ	comp=Z,119nm,1.2s	IAMB	IAMB	22 06 13.3
QIZ	Qiongzong	58.78 300	P	22 06 06.0 +0.9
QIZ	QIZ		S	22 14 11.6 +1.8
QIZ	comp=Z,5um,7.5s	pmx	pmx	
QIZ	comp=Z,10um,18.2s	LR	LR	
QIZ	comp=Z,12um,26.5s	LR	LR	
QIZ	comp=Z,28um,23.7s	LR	LR	
QIZ	Qiongzong	58.78 300	P	22 06 07.7 +1.5
NJ2	Nanjing	58.87 318	P	22 06 07.3 +1.8
NJ2	comp=Z,24nm,1.1s	pmx	pmx	22 14 03.5 -7.0
NJ2	comp=Z,4um,6.4s	pmx	pmx	
NJ2	comp=Z,29um,18.9s	LR	LR	
NJ2	comp=Z,20um,19.9s	LR	LR	
NJ2	comp=Z,30um,19.9s	LR	LR	
MASI	Maura Aman, Be	59.07 273	P	22 06 13.9 +6.5
YSS	Yuzh-Sakhalins	59.84 345	P	22 06 12.5 +0.6
YSS	comp=Z,125nm,1.1s	IAMS_20	IAMS_20	22 32 54.2
YSS	comp=Z,41um,19.0s	P	P	22 06 12.5 +0.6
YSS	Yuzh-Sakhalins	59.84 345	eP	22 06 12.0 +0.1
YSS	eS	S	S	22 14 40.0 +2.1
YSS	ePS	PnS	SSS	22 14 44.0 +7.5
YSS	eSSS	SSS	SSS	22 20 41.0
YSS	comp=Z,80nm,0.8s	pmx	pmx	
YSS	comp=Z,5um,7.3s	pmx	pmx	
YSS	comp=N,2um,8.4s	pmx	pmx	
YSS	comp=E,6um,11.6s	smx	smx	
YSS	comp=Z,36um,18.0s	MLR	MLR	
YSS	comp=N,23um,19.0s	MLR	MLR	
YSS	comp=E,8um,16.0s	MLR	MLR	
TEY	Ternei	59.90 340	eP	22 06 12.3 -0.1
TEY	e		P	22 14 23.7
TEY	comp=Z,200nm,6.9s	pmx	pmx	
TEY	comp=N,300nm,13.4s	pmx	pmx	
TEY	comp=E,300nm,18.8s	pmx	pmx	
VLA	Vladivostok	60.02 335	iP	22 06 13.2 0.0
VLA	comp=Z,46nm,1.0s	pmx	pmx	
SDSI	Sungai Dareh	60.30 275	P	22 06 18.2 +2.4
SDSI	comp=Z,14um,2.0s	P	P	22 06 18.2 +2.4
CNSH	ChangSha	60.77 311	uP	22 06 23.8 +5.1
CNSH	CNSH		S	22 14 42.4 +7.3
CNSH	comp=Z,13um,16.7s	LR	LR	
CNSH	comp=Z,10um,18.7s	LR	LR	
CNSH	comp=Z,13um,23.3s	LR	LR	
USA0B	Ussuriysk Arra	60.88 336	iP	22 06 19.1 0.0
USRK	Ussuriysk Ar.	60.88 336	P	22 06 18.1 -1.0
USRK	comp=Z,42nm,0.9s,baz=141,slow=6,SNR=30	S	S	22 14 34.0 -2.0
USRK	comp=Z,5nm,0.7s,baz=138,slow=42,SNR=0.9	P	P	22 06 18.8 -1.3
BKNI	Bangkinang	60.94 276	P	22 06 23.4 +3.2
BKNI	Bangkinang	60.94 276	P	22 06 23.4 +3.2
BKNI	Bangkinang	60.94 276	P	22 06 27.7 +5.4
BKNI	Bangkinang	60.94 276	P	22 06 24.4 +4.2
WHN	Wuhan	61.05 314	P	22 06 20.9 +0.4
WHN	WHN		S	22 14 43.5 +4.9
WHN	comp=Z,42um,15.5s	LR	LR	
WHN	comp=Z,54um,24.3s	LR	LR	
SUJ	Sinuiju	61.08 328	P	22 06 25.3 +4.8
SUJ	comp=Z,84um,21.0s	P	P	22 06 35.0 +4.0
SUJ	SUJ		S	22 14 41.5 +2.9
SUJ	comp=Z,3um,3.1s	AMS	AMS	
SUJ	comp=N,36um,19.1s	AMS	AMS	
SUJ	comp=E,30um,15.9s	AMS	AMS	
SUJ	comp=Z,50um,26.1s	AMS	AMS	
UBPT	Khong Chiam	61.10 294	P	22 06 21.4 +0.3
UBPT	comp=Z,75nm,1.0s	IAMB	IAMB	22 06 41.3
UBPT	Khong Chiam	61.10 294	P	22 06 21.4 +0.3
PDSI	Padang	61.25 275	P	22 06 27.7 +5.4
PPSI	Pulau Pagai	61.33 273	P	22 06 27.5 +1.5
SKR	Severo-Kuril's	61.39 356	eP	22 06 27.5 +5.1
SKR	SKR		eS	22 14 37.4 -4.7
SKR	comp=Z,35nm,1.5s	pmx	pmx	
SKR	comp=Z,1um,5.9s	pmx	pmx	
DL2	Dalian	61.75 326	P	22 06 28.4 +3.3
DL2	DL2		S	22 14 49.0 +1.8
DL2	DL2		SS	22 18 46.4 -3.1
DL2	comp=Z,51nm,1.4s	pmx	pmx	
DL2	comp=Z,2um,6.6s	LR	LR	
DL2	comp=Z,34um,16.6s	LR	LR	
DL2	comp=Z,18um,15.5s	LR	LR	
DL2	comp=Z,27um,25.9s	LR	LR	
IPM	Iloh	61.92 281	P	22 06 25.5 -1.4
IPM	Iloh	61.92 281	P	22 06 25.4 -1.4
UGL	Ulgjegorsk	61.99 346	eP	22 06 27.4 +0.9
UGL	UGL		eS	22 14 51.0 +1.2
UGL	comp=Z,6um,8.0s	pmx	pmx	
UGL	comp=E,10um,13.0s	smx	smx	
UGL	comp=N,4um,8.8s	smx	smx	
UGL	comp=E,23um,14.0s	MLR	MLR	
UGL	comp=N,15um,15.0s	MLR	MLR	
MDJ	Mudanjiang	62.20 335	IAMB	IAMB
MDJ	comp=Z,19um,17.0s	IAMS_20	IAMS_20	22 07 00.3
MDJ	comp=Z,152nm,1.2s	IAMS_20	IAMS_20	22 31 03.4
MDJ	comp=Z,27um,20.0s	P	P	22 06 27.7 -0.3
MDJ	MDJ		S	22 14 57.5 +4.8

MDJ	comp=Z,37nm,1.0s	pmx	pmx	
MDJ	comp=Z,5um,6.1s	pmx	pmx	
MDJ	comp=Z,25um,18.6s	LR	LR	
MDJ	comp=Z,22um,17.9s	LR	LR	
MDJ	comp=Z,34um,19.6s	LR	LR	
MDJ	Mudanjiang	62.20 335	P	22 06 27.6 -0.4
MNSI	Mandailing Nat	62.47 277	P	22 06 30.1 -0.3
MNSI	Kulum	62.49 282	P	22 06 30.1 -0.3
KULM	Kulum	62.49 282	IAMB	IAMB
Tai'an	comp=Z,120nm,1.2s	uP	uP	22 06 53.0 +4.0
TIA	TIA		S	22 14 52.3 -5.9
TIA	comp=Z,3um,11.7s	pmx	pmx	
TIA	comp=Z,21um,15.7s	LR	LR	
TIA	comp=Z,12um,14.7s	LR	LR	
TIA	comp=Z,26um,15.7s	LR	LR	
SNY	Shenyang	62.82 329	uP	uP
SNY	SNY		S	22 06 36.4 +4.2
SNY	SNY		pmx	22 15 00.6 +0.1
SNY	comp=Z,27nm,1.0s	pmx	pmx	
SNY	comp=Z,4um,6.3s	pmx	pmx	
SNY	comp=Z,64um,22.4s	LR	LR	
SNY	comp=Z,49um,19.6s	LR	LR	
SNY	comp=Z,43um,23.9s	LR	LR	
COCO	West Island	63.09 262	P	22 06 34.7 +0.1
COCO	West Island	63.09 262	P	22 06 34.7 +0.1
COCO	comp=Z,1um,2.0s	pmx	pmx	
CN2	Changchun	63.39 332	P	22 06 34.9 -1.1
CN2	CN2		eP	22 06 45.0 -1.5
CN2	CN2		S	22 15 04.2 -3.4
CN2	comp=Z,3um,6.0s	pmx	pmx	
CN2	comp=Z,32um,18.0s	LR	LR	
CN2	comp=Z,24um,18.0s	LR	LR	
CN2	comp=Z,21um,20.0s	LR	LR	
TYV	Tymovskoe	63.52 347	eP	22 06 40.0 +3.3
TYV	TYV		S	22 15 16.0 +7.0
TYV	TYV		pmx	pmx
TYV	comp=Z,51nm,1.3s	pmx	pmx	
TYV	comp=Z,6um,7.2s	smx	smx	
TYV	comp=N,6um,11.9s	smx	smx	
TYV	comp=E,12um,11.9s	smx	smx	
RPSI	Rantau Prapat	63.53 278	P	22 06 38.0 +0.5
RPSI	Prapat	63.55 279	P	22 06 39.4 +1.6
RPSI	Prapat	63.55 279	P	22 06 38.1 +0.3
RPSI	PSI		pmx	pmx
RPSI	comp=Z,217nm,1.4s	MLR	MLR	
PET	Petrovsk	63.61 358	P	22 06 34.4 -2.8
PET	PET		IAMB	IAMB
PET	PET		P	22 06 58.4
PET	Petrovsk	63.61 358	eP	22 06 37.6 +0.4
PET	PET		eS	22 15 13.2 +3.2
PET	PET		SS	22 19 22.3 +4.3
PET	comp=Z,40nm,0.6s	pmx	pmx	
PET	comp=Z,4um,6.7s	pmx	pmx	
PET	comp=Z,13um,17.0s	MLR	MLR	
PET	comp=Z,1um,2.0s	MLR	MLR	
PEA0B	Petrovsk	63.73 358	P	22 06 37.9 -0.1
PEA0B	Petrovsk	63.73 358	P	22 06 37.9 -0.1
PEA0B	Petrovsk	63.73 358	pmx	pmx
PETK	Petrovsk	63.73 358	P	22 06 36.2 -1.8
PETK	comp=Z,21nm,0.9s,baz=178,slow=9.8,SNR=10.0	P	P	22 06 36.2 -1.8
PETK	Petrovsk	63.73 358	P	22 06 39.3 +1.3
PETK	PETK		P	22 06 39.3 +1.3
BNX	BinXian	64.02 334	uP	22 06 40.8 +0.7
BNX	BNX		PP	22 09 06.5 +5.3
BNX	BNX		S	22 15 20.0 +4.6
BNX	comp=Z,28nm,0.7s	pmx	pmx	
BNX	comp=Z,4um,7.5s	pmx	pmx	
BNX	comp=Z,30um,20.0s	LR	LR	
BNX	comp=Z,29um,19.2s	LR	LR	
TSI	Tuntungan	64.06 279	P	22 06 49.7 +8.7
NONG	Nongkai	64.20 296	P	22 06 40.5 -1.3
SHEM	Shemaya Is, Ala	64.21 9	LR	22 29 26.8
SRIT	Nakonsitamara	64.38 285	P	22 06 43.2 +0.2
SRIT	Nakonsitamara	64.38 285	P	22 06 43.9 +0.8
ENH	Enshi	64.43 311	IAMB	IAMB
ENH	ENH		P	22 07 04.0
ENH	SURA	64.43 311	P	22 06 41.8 -1.3
ENH	Surathani	64.51 286	P	22 06 44.1 +0.2
NAYO	Nakonyok	64.52 292	P	22 06 45.0 +1.0
GSI	Gunungsitoli	64.53 277	P	22 06 42.5 -1.6
GSI	Gunungsitoli	64.53 277	P	22 06 45.7 +1.6
GSI	comp=Z,13um,comp=Z,394nm,7.0s	P	P	22 06 44.2 +0.1
LYN	LuoYang	64.63 317	uP	22 06 46.5 +2.1
LYN	LYN		S	22 15 19.8 -3.7
LYN	LYN		ScS	22 16 38.1 0.0
LYN	LYN		pmx	pmx
LYN	comp=Z,2um,6.3s	LR	LR	
LYN	comp=Z,30um,21.3s	LR	LR	
LYN	comp=Z,23um,22.1s	LR	LR	
GYA	Guiyang	64.74 306	uP	22 06 48.7 +3.3
GYA	GYA		S	22 15 26.6 +1.3
GYA	GYA		pmx	pmx
GYA	comp=Z,6um,14.1s	LR	LR	
GYA	comp=Z,5um,15.9s	LR	LR	
GYA	comp=Z,17um,19.8s	LR	LR	
GYA	comp=Z,16um,21.0s	LR	LR	
KCSI	Kotacane, Aceh	64.84 279	P	22 06 45.9 -0.2
HNS	HongShan	64.87 320	uP	22 06 44.5 -1.3
HNS	HNS		eP	22 07 01.8 +5.5
HNS	HNS		S	22 15 22.3 -3.5
HNS	HNS		SS	22 19 35.9 -2.3
HNS	comp=Z,37nm,0.9s	pmx	pmx	
HNS	comp=Z,4um,8.2s	pmx	pmx	
HNS	comp=Z,21um,16.7			

Table with columns for station ID, name, and various numerical values. Includes stations like KTH, KAIM, PAF, JHSC, SCM, etc.

Table with columns for station ID, name, and various numerical values. Includes stations like F21K, MDM, MDM, BARN, etc.

Table with columns for station ID, name, and various numerical values. Includes stations like J26L, J26L, S32K, etc.

WAPA	Wapiti River	92.80	34	P	P	22 09 18.3	-0.7
WAPA	comp-Z,41nm,1.2s			Iamb	Iamb	22 09 30.2	
CCUT	Cedar	92.81	52	Iamb	Iamb	22 09 31.5	
CCUT	comp-Z,45nm,1.2s						
LPJG	La Paz	92.85	66	LR	LR	22 43 46.8	
ELIB	Princess Elisa	92.91	92	P	P	22 09 18.3	-1.1
WRGLY	Wrigley	93.00	26	P	P	22 09 18.9	-0.7
SZCU	Shurtz Canyon	93.03	52	P	P	22 09 21.2	+0.5
SZCU	comp-Z,118nm,1.8s			Iamb	Iamb	22 10 26.8	
SLBS	Sierra La Lagu	93.11	67	P	P	22 09 21.4	+0.3
SLBS	comp-Z,60nm,1.4s			Iamb	Iamb	22 09 35.9	
SLBS	Sierra La Lagu	93.11	67	IAMS_20	IAMS_20	22 43 03.6	
SLBS	comp-Z,19nm,20.0s						
KNB	Kanab	93.12	53	P	P	22 09 22.1	+1.0
KNB	comp-Z,84nm,1.3s			Iamb	Iamb	22 09 44.6	
KNB	Kanab	93.12	53	P	P	22 09 22.1	+1.0
KNB	comp-Z,84nm,1.3s			P	P	22 09 22.1	+1.0
MDOK	Medeo	93.17	313	eP	P	22 09 18.6	-2.6
MDOK	comp-Z,313						
MDOK	Medeo	93.17	313	eP	P	22 09 18.5	-2.6
MDOK	comp-Z,6um,17.5s,baz=313			LR	LR	22 48 00.9	
HSIG	HLID	93.18	61	P	P	22 09 21.5	+0.2
HSIG	comp-Z,6um,18.0s			P	P	22 09 22.3	+0.9
HLID	HLID	93.22	46	P	P	22 09 33.1	
HLID	comp-Z,53nm,1.1s			IAMS_20	IAMS_20	22 48 50.8	
HLID	HLID	93.22	46	P	P	22 09 18.6	-2.7
HLID	comp-Z,25um,19.0s			IAMS_20	IAMS_20	22 48 50.8	
KSH	Kashi	93.24	309	P	P	22 09 24.3	+2.8
KSH	comp-Z,258,SNR=12			SKS	SKS	22 19 54.6	+0.5
KSH	Kashi	93.24	309	P	P	22 09 24.3	+2.8
KSH	comp-Z,11nm,0.9s			SS	SS	22 26 47.4	+3.3
KSH	Kashi	93.24	309	P	P	22 09 24.3	+2.8
KSH	comp-Z,25um,17.6s			LR	LR	22 09 46.1	
KSH	Kashi	93.24	309	P	P	22 09 24.3	+2.8
KSH	comp-Z,19um,18.6s			LR	LR	22 09 46.1	
U15A	North Rim	93.43	54	Iamb	Iamb	22 09 49.6	
U15A	comp-Z,66nm,1.5s			Iamb	Iamb	22 09 46.1	
BRDLA	Berland Lookou	93.58	36	P	P	22 09 23.6	+1.0
BRDLA	comp-Z,119nm,1.8s			Iamb	Iamb	22 10 05.5	
PKCU	Pink Cliffs	93.61	53	P	P	22 09 24.6	+1.1
PKCU	comp-Z,128nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P	22 09 23.0	-0.1
KURK	comp-Z,22nm,1.1s			P	P	22 09 39.0	
KURK	Kurchatov	93.70	321	P	P	22 09 21.1	-2.0
KURK	comp-Z,79nm,1.6s			Iamb	Iamb	22 09 39.0	
KURK	Kurchatov	93.70	321	IAMS_20	IAMS_20	22 49 22.9	
KURK	comp-Z,25um,20.0s			iP	P	22 09 23.0	-0.1
KURK	Kurchatov	93.70	321	iP	P		

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for JMNB, OPA, JGF, MJAR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for KHZ, BSWZ, ESW1, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for WEL, AMCZ, LTZ, etc.

Text containing astronomical data and coordinates: IDC 08 22:02:37.0:0.5, 10:75Sx161.46E, h0km, mb4.90/30, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Code, Station Name, Az, Az', Op, Phase ID, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for WRAB, WRA, STKA, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like F25K Christian Rive, L29M L29M, DAWY Dawson, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like FURC Furnace Creek, HEC Hecor Ludlow, SWSC Sam W. Stewart, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like YKA Yellowknife Arr, SNAA Sanae, ANMO Albuquerque, etc.

IDC 08 22:03:18.0t.1.6.10'60Sx161'10E h0km, mb4.8/9, mbmp4.8/9, Error ellipse: s-maj=52.9km s-min=25.1km az=90.0

ISC 08 22:03:23.4t.1.6.10'6Sx02'161'1E.0'4,h35km,n9, 01537/9,mb4.7/9,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like WRA Warrungarra Arr, STKA Stephens Creek, MJAR Matsushiro Arr, etc.

ROM 08 22:06:08.9t.0.1,42740N,0.002E-13'564E,0'004, h19km, ML1.6/20,9C-5D, Error ellipse: s-maj=0.3km s-min=0.2km az=247.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details. Includes stations like T1243 Rocca Santa Ma, TERO Teramo, T1241 Roccafulvione, etc.

8d 22h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, SONM Songino Array, MKAR Makanchi Arr, etc.

IDC 08 22:07:40.2:10.0, 10.58S:161.00E, h0km, mb4.1/3, mbtmp4.1/3, Error ellipse: s-maj=303.0km s-min=52.1km az=122.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, SONM Songino Array, MKAR Makanchi Arr, etc.

WEL 08 22:08:38.2, 39.59S:17.88E, h13km, h31km, M2.3/6, ML2.5/12, MLV2.3/6, Error ellipse: s-maj=0.0km s-min=0.0km az=96.1, Off east coast of North Island

2016 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KNZ Kokohu, MHGZ Mahia Peninsula, WHWZ Waihua, etc.

IDC 08 22:09:56.4:1.8, 10.81S:161.43E, h0km, mb3.8/5, mbtmp3.8/5, Error ellipse: s-maj=37.3km s-min=31.2km az=115.0

IDC 08 22:10:00.5:1.4, 10.93S:161.46E, h28km, n7, s=032.8, mb3.8/6, Bougainville-Solomon Islands region

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

IDC 08 22:11:32.1:1.6, 10.23S:161.52E, h0km, mb4.3/4, mbtmp4.4/6, ML4.3/2, Error ellipse: s-maj=40.9km s-min=29.1km az=49.0

NEIC 08 22:11:38.0:2.8, 10.35S:161.59E, h0km, h35km, mb4.5/8, Error ellipse: s-maj=23.3km s-min=7.7km az=207.0

IDC 08 22:11:36.8:0.7, 10.43S:161.55E, h0km, h35km, n26, s=2500/23, mb4.4/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, LIFNC Lifu, etc.

IDC 08 22:14:28.2:2.3, 10.50S:161.24E, h0km, mb3.8/4, mbtmp3.8/4, Error ellipse: s-maj=46.2km s-min=32.3km az=82.0, Bougainville-Solomon Islands region

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

IDC 08 22:14:50.4:1.5, 5.33N:125.09E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=59.1km s-min=20.0km az=87.0

MAN 08 22:14:56.7:5.82N:126.60E, h57km, mb4.7, ML3.5, MS3.4, Error ellipse: s-maj=126.60E, h0km, n10, i=139/15, mb3.3/3, 2C-3D, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like DDMP Don Marcelino, MATI Mati, DAV Davao City (W), etc.

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

IDC 08 22:15:02.4:1.2, 10.55S:161.161E, h0km, mb4.2/12, mbtmp4.2/13, ML4.2/1, Error ellipse: s-maj=29.2km s-min=20.3km az=125.0

NEIC 08 22:15:14.6:2.7, 10.15S:160.7E:0.1, h35km, mb4.4/25, Error ellipse: s-maj=21.9km s-min=19.5km az=79.0

IDC 08 22:15:13.4:0.7, 10.01S:160.7E:0.1, h35km, n40, i=139/39, mb4.3/22, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like HNR Honiara, LIFNC Lifu, DZM Mont Dzumac, etc.

IDC 08 22:17:12.7:1.6, 10.70S:161.161E, h0km, mb3.8/7, mbtmp3.9/8, ML3.8/1, Error ellipse: s-maj=36.2km s-min=24.3km az=103.0

IDC 08 22:17:18.0:1.3, 10.85S:161.161E:0.2, h35km, n9, i=139/10, mb3.8/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like HNR Honiara, CTA Charters Tower, WRA Warramunga Arr, etc.

MDD 08 22:17:11.4:1.0, 36.67N:11.26W, h35km, 32km, Mb4.2/9, M, mb3.5/9, Error ellipse: s-maj=15.1km s-min=6.0km az=57.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PFTV, PFTV, PTEO, PTEO, PNCL, PNCL, etc.

IDC 08 22:25:57.2.6.10.90S:161.56E, h0km, mb3.5/3, mbtmp3.7/5, ML4.3/2, Error ellipse: s-maj=51.3km s-min=36.0km az=84.0, Bougainville-Solomon Islands region

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

IDC 08 22:27:15.9.2.9.10.96S:161.15E, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=60.9km s-min=30.0km az=90.0, Bougainville-Solomon Islands region

MEX 08 22:29:17.2.0.4.14.33N:93.39W, h13km, 18km, MD4.2 GCG 08 22:29:17.7.1.7.14.71N:93.32W, h35km, 99km, MD4.3

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TGIG, TGIG, FUG, FUG, etc.

IDC 08 22:31:16.1.1.4.10.79S:161.27E, h0km, mb4.0/7, mbtmp4.0/8, ML4.1/1, Error ellipse: s-maj=44.9km s-min=23.8km az=116.0

NEIC 08 22:31:20.4.2.6.10.45S:0.1x161.2E:0.1, h35km, 2km, mb4.4/11, Error ellipse: s-maj=31.3km s-min=13.4km az=45.0

ISC 08 22:31:21.9.0.9.10.65S:0.1x161.0E:0.2, h35km, n22, mb4.3/20, mb4.1/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HNR, HNR, LIFNC, LIFNC, etc.

IDC 08 22:34:14.1.1.8.60.12N:153.21W, h94km, 29km, mb3.4/1, mbtmp3.7/5, Error ellipse: s-maj=39.5km s-min=11.3km az=105.0

NEIC 08 22:34:16.1.1.0.60.03N:0.04x153.23W:0.07, h127km, 7km, Error ellipse: s-maj=5.9km s-min=5.0km az=168.0

AEIC 08 22:34:17.3.1.3.60.02N:0.04x153.15W:0.08, h124km, 6km, ML2.9, ML3.2/110(NEIC), Error ellipse: s-maj=5.6km s-min=5.3km az=120.0

ISC 08 22:34:16.0.1.0.60.04N:0.04x153.17W:0.04, h130km, 7km, n105, az84/108, Southern Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ILSW, ILSW, P19K, P19K, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RC01, RC01, Rabbit Creek A, Rabbit Creek A, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like Honiara, Mont Dzumac, Charters Tower, Warramunga Arr, etc.

IDC 08 23:32:16.2, 3.4, 10.91Sx161.42E, h0km, mb3.7/3, mbtpp3.9/5, ML4.2/2, Error ellipse: s-maj=61.4km

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like Honiara, Warramunga Arr, ASAR, Makanchi Arr, etc.

BUI 08 23:35:16.8, 0.0, 9.70S:161.17E, h11km, mb4.9/21, mb5.4/5
ISC-EH 08 23:35:18.8, 10.50S:161.12E, h41km, 2km, Error ellipse: s-maj=4.2km s-min=3.2km az=115.0
NEIC 08 23:35:19.1, 1.8, 10.45S:0.04:161.12E:0.09, h36km, 6km, mb4.9/129, Error ellipse: s-maj=13.0km s-min=2.4km az=82.0
NOU 08 23:35:19.0, 10.45S:161.19E, h43km, mb5.0/44, Solomon Islands

IDC 08 23:35:19.6, 2.0, 10.43Sx161.15E, h59km, 15km, mb4.4/24, mbtpp4.7/26, MS4.7/1, Error ellipse: s-maj=16.8km s-min=10.8km az=85.0

ISC 08 23:35:18.2, 0.3, 10.48S:0.04:161.15E:0.06, h35km, n250, 15/25/242, mb4.9/102, 2C, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like Honiara, Warramunga Arr, ASAR, Makanchi Arr, etc.

Table with columns: ASOI, Alice Springs, 29.05 240 P P, 23 41 14.0 -1.4, etc. Includes stations like Alice Springs, Leigh Creek, Oodnadatta, etc.

Table with columns: XAN, XAN, 66.45 314 pP, 23 46 12.2 -2.1, etc. Includes stations like XAN, XAN, XAN, etc.

2016 DEC

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Eagle Plains, Mina Array Bea, and various other locations.

IDC 08 23:41:43.8.3.1, 01:65Sx161:56E, h42km, 25km, mb3.9/7, mbtmp3.4/9, ML3.4/2, Error ellipse: s-maj=32.7km, s-min=22.1km az=95.0

NOU 08 23:41:45.4, 10:43S, 161:80E, h72km, mb4.6/11, Solomon Islands

NEIC 08 23:41:46.3.1.6, 10:7S, 01:161:5E:0.1, h46km, 12km, mb4.5/19, Error ellipse: s-maj=23.2km s-min=10.2km az=57.0

IDC 08 23:41:44.0.0.9, 10:65Sx0:08:161:16E:0.1, h35km, n46, s1966/48, mb4.4/19, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Honiara, Kounac, and various other locations.

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM Songino Array, ILAR Eielson Array, and MKAR Makanchi Array.

IDC 08 23:52:16.1.8.0, 7:14S, 129:14E, h120km, 85km, mb3.0/1, mbtmp3.5/4, ML3.6/3, Error ellipse: s-maj=70.9km, s-min=29.6km az=31.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BATI Baunata, WRA Warramunga Arr, and ASAR Alice Springs.

IDC 08 23:52:11.6:2.7, 10:57Sx161:56E, h0km, mb3.6/3, mbtmp3.6/4, ML3.7/2, Error ellipse: s-maj=50.5km, s-min=27.8km az=60.0

ISC 08 23:52:18.4.1.8, 10:65S:02x161:5E:0.2, h61km, n6, s1508/7, mb3.3/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, and MKAR Makanchi Array.

IDC 09 00:06:20.7.1.8, 10:79Sx161:41E, h0km, mb3.8/5, mbtmp3.8/6, ML3.6/1, Error ellipse: s-maj=37.9km, s-min=28.7km az=114.0

NEIC 09 00:06:22.4.2.7, 10:8S:01x161:5E:0.1, h10km, 1km, mb4.4/6, Error ellipse: s-maj=21.7km s-min=16.2km az=21.0

ISC 09 00:06:21.9.0.7, 10:84S:01x161:41E:0.09, h10km, n17, s099/18, mb4.1/9, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HNR Honiara, COEN Coen, WBO Warramunga Arr, and various other locations.

LDG 09 00:10:03.4.0.1, 43:00Nx13:09E, h9km, M12.7/16, Error ellipse: s-maj=3.5km s-min=2.2km az=49.0

PRU 09 00:10:04.9.0.0, 42:97N:13:64E, h10km, GEN 09 00:10:14.5, 43:28N:12:23E, h19km, 1.7km, M10.0, ROIB 09 00:10:03:7.0, 43:11N:12:00E, 13:076E:0.004, h9km, ML3.1/68, 33C-38D, Error ellipse: s-maj=0.3km, s-min=0.0km az=87.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FDMO Fiordimonte, FEMA Monte Fema, and various other locations.

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CESI, T1216, SEF1, and various other locations.

Table with columns: DZM, Mont Dzumac, 12.65 158, Pn, Pn, 00 17 43.3 -2.8, etc. Includes stations like Charters Tower, Eidsvoll, Warramunga Arr, etc.

IDC 09 00:19:24.5:1.7, 107.74S:160.97E, h0km, mb3.9/7, mbtm3.9/7, Error ellipse: s-maj=39.0km s-min=28.0km az=101.0

ISC 09 00:19:26.1:1.2, 107.50S:160.9E:0.2, h10km, n8, alpha149.9, mb3.9/7, Bougainville-Solomon Islands region

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

IDC 09 00:21:25.6:0.8, 107.42S:161.27E, h0km, mb4.1/11, mbtm4.2/13, ML4.0/2, Error ellipse: s-maj=22.2km s-min=17.8km az=97.0

NEIC 09 00:21:27.1:1.6, 107.00S:161.6E:0.1, h29km, 7km, mb4.5/16, Error ellipse: s-maj=20.2km s-min=11.1km az=216.0

ISC 09 00:21:29.3:0.7, 107.17S:161.52E:0.09, h35km, n43, alpha159/40, mb4.3/18, Bougainville-Solomon Islands region

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

Table with columns: CTA, Charters Tower, 17.72 234, Pn, Pn, 00 25 31.4 -2.0, etc. Includes stations like Charters Tower, Eidsvoll, Warramunga Arr, etc.

IDC 09 00:27:54.4:1.2, 107.94S:161.31E, h0km, mb4.0/9, mbtm4.0/10, ML5.1/1, Error ellipse: s-maj=31.4km s-min=24.3km az=112.0

NEIC 09 00:27:58.0:1.2, 111.1S:0.2:161.4E:0.2, h10km, 2km, mb4.2/9, Error ellipse: s-maj=36.2km s-min=8.2km az=42.0

ISC 09 00:27:56.1:0.8, 10.93S:0.09:161.3E:0.1, h10km, n21, alpha150/42, mb3.9/14, Bougainville-Solomon Islands region

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

IDC 09 00:36:44.0:0.7, 107.47S:161.33E, h0km, mb4.2/15, mbtm4.2/17, ML3.7/2, Error ellipse: s-maj=19.4km s-min=16.0km az=86.0

NEIC 09 00:36:49.9:1.1, 107.44S:0.09:161.2E:0.1, h26km, 6km, mb4.6/28, Error ellipse: s-maj=19.3km s-min=10.4km az=60.0

ISC-EH 09 00:36:51.0, 10.50S:161.21E, h43km, 9km, Error ellipse: s-maj=8.4km s-min=5.9km az=101.0

ISC 09 00:36:50.0:0.6, 10.47S:0.07:161.28E:0.09, h35km, n51, alpha115/2, mb4.5/27, Bougainville-Solomon Islands region

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

Table with columns: LIFNC, LIFOU, 11.75 151, Pn, Pn, 00 39 35.4 +0.3, etc. Includes stations like Mont Dzumac, Charters Tower, Warramunga Arr, etc.

IDC 09 00:40:06.4:2.5, 107.34S:161.73E, h0km, mb3.8/4, mbtm4.0/5, ML4.9/1, Error ellipse: s-maj=51.0km s-min=34.8km az=88.0, Bougainville-Solomon Islands region

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

IDC 09 00:41:59.2:0.6, 105.15S:161.40E, h0km, mb4.6/20, mbtm4.6/21, ML4.9/1, Error ellipse: s-maj=18.3km s-min=14.5km az=105.0

NOU 09 00:42:05.5, 10.35S:161.42E, h47km, mb5.0/17, Solomon Islands region

BUI 09 00:42:06.0:0.0, 10.50S:161.40E, h52km, mb4.7/28, mB5.3/12, M4.9/3, M5.7 4.8/3

NEIC 09 00:42:07.8:1.2, 10.53S:0.06:161.31E:0.06, h53km, 7km, mb4.9/10S, Error ellipse: s-maj=12.5km s-min=2.9km az=223.0

ISC-EH 09 00:42:07.1, 10.59S:161.35E, h52km, 2km, Error ellipse: s-maj=3.4km s-min=2.6km az=117.0

ISC 09 00:42:05.0:0.3, 10.57S:0.05:161.39E:0.05, h35km, n303, alpha180/285, mb4.9/78, 1C-D, Bougainville-Solomon Islands region

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

LIFNC	LIFOU	11.61 152	P	Pn	00 44 49.7 +1.0
DZM	Momt Dzumac	12.42 158	Pn	Pn	00 45 02.3 +2.3
DZM	1.2nm,0.3s,baz=9.3,slow=9.1,SNR=13				
DZM	0.9nm,0.3s,baz=72,slow=21,SNR=25				00 47 12.4 -4.8
DZM	Momt Dzumac	12.42 158	Pn	Pn	00 45 02.0 +2.1
DZM	Momt Dzumac	12.42 158	Pn	Pn	00 45 02.6 +2.7
MARNC	Mare, Loyalty	12.59 150	Pn	Pn	00 45 04.6 +2.6
ONTNC	Ouen Toro	12.64 158	Pn	Pn	00 45 05.5 +2.8
OUENC	Island, N	12.69 157	Pn	Pn	00 45 08.0 +1.8
PMG	Port Moresby	14.06 273	Pn	Pn	00 45 23.3 +1.1
PMG	1.6nm,0.3s,baz=83,slow=23,SNR=5.4				
PMG	Port Moresby	14.06 273	Pn	Pn	00 45 23.7 +1.4
TARA	Tarawa	16.49 45	Pn	Pn	00 45 54.4 +0.2
TARA	comp=Z,72nm,0.8s				00 46 08.0
CTA	Charters Tower	17.38 235	P	Pn	00 46 05.1 -0.3
CTA	comp=Z,2.6nm,0.3s,baz=62,slow=12,SNR=43				
CTA	Charters Tower	17.38 235	P	P	00 46 06.8 +0.3
CTA	Charters Tower	17.38 235	P	P	00 46 06.4 -0.1
CTA	Charters Tower	17.38 235	P	P	00 46 11.1
CTA	comp=Z,1.43nm,1.1s				
CTA	Charters Tower	17.38 235	P	P	00 46 06.7 +0.3
PATS	Poinpei	17.56 350	P	P	00 46 07.7 -0.7
PATS	comp=Z,3.0nm,0.6s				00 46 11.3
MSVF	Nonsavu	17.65 116	Pn	Pn	00 46 09.0 +0.2
EIDS	Eidsvold	17.67 212	P	P	00 46 10.8 +1.2
EIDS	comp=Z,74nm,0.9s				00 46 13.9
EIDS	Eidsvold	17.67 212	P	P	00 46 11.1 +1.5
FUNA	Funafuti	17.68 85	P	P	00 46 10.6 +0.8
FUNA	comp=Z,73nm,0.9s				00 46 33.0
COEN	Coen	18.11 257	P	P	00 46 14.9 +0.4
RMQ	Roma	19.82 215	P	Pn	00 46 34.9 -0.1
QIS	Mount Isa	23.19 242	P	P	00 47 09.8 +0.5
INKA	Innaminka	25.85 226	P	P	00 47 34.4 +0.6
WRB	Warramunga Arr	27.49 247	P	P	00 47 47.7 -0.9
WRB	Warramunga Arr	27.49 247	P	P	00 47 49.0 -0.5
WRB	Tennant Creek	27.66 247	P	P	00 47 48.9 -1.4
WRB	Warramunga Arr	27.66 247	P	P	00 47 49.7 -0.6
WRA	Warramunga Arr	27.67 247	P	P	00 47 49.4 -1.0
WRA	comp=Z,6.0nm,0.8s,baz=77,slow=9.1,SNR=19				
WRA	Warramunga Arr	27.67 247	P	P	00 47 49.8 -0.6
STKA	Stevens Creek	28.01 218	P	P	00 47 53.1 -0.1
STKA	comp=Z,3.0nm,0.6s,baz=63,slow=15,SNR=8.0				
STKA	Stevens Creek	28.01 218	P	P	00 47 53.3 +0.1
KDU	Kakadu	28.39 263	P	P	00 47 53.6 +0.4
AS31	Alice Springs	29.25 240	P	P	00 47 55.9 -0.9
ASAR	Alice Springs	29.25 240	P	P	00 48 03.4 -1.0
ASAR	comp=Z,2.2nm,0.7s,baz=77,slow=9.4,SNR=15				
ASAR	Alice Springs	29.25 240	P	P	00 48 03.7 -0.7
OOD	Oodnadatta	29.61 231	P	P	00 48 07.8 +0.3
MTN	Manton Dam	29.70 263	P	P	00 48 07.5 -1.0
TOO	Toolangi	30.46 205	P	P	00 48 15.5 +0.6
TOO	comp=Z,2.4nm,1.1s				00 48 18.3
TOO	Toolangi	30.46 205	P	P	00 48 15.5 +0.6
RTZ	Ruatangana	31.15 157	P	P	00 48 25.7 +0.6
BKZ	Black Stump Fm	31.51 157	P	P	00 48 25.1 +0.9
BKZ	comp=Z,20nm,0.7s				00 48 26.8
BKZ	Black Stump Fm	31.51 157	P	P	00 48 24.9 +0.6
BBOO	Buckbooboo	32.15 257	P	P	00 48 29.7 -0.1
KNRA	Kunurra	32.15 257	P	P	00 48 29.5 -0.5
MRZ	Mangatainaka R	32.49 160	P	P	00 48 32.8 0.0
MRZ	comp=Z,3.1nm,0.8s				00 48 34.6
TCW	Tony Channel	32.57 162	P	P	00 48 34.7 +1.3
TUWZ	Tuamarua	32.67 162	P	P	00 48 35.2 +1.0
BFZ	Birch Farm	32.75 159	P	P	00 48 34.8 -0.2
BFZ	comp=Z,34nm,1.4s				00 48 40.1
BFZ	Birch Farm	32.75 159	P	P	00 48 35.5 +0.5
BHW	Barring Head	32.94 161	P	P	00 48 36.9 +0.3
BHW	comp=Z,15nm,0.6s				00 48 37.1
PLWZ	Palliser	33.20 161	P	P	00 48 39.0 -0.1
FORT	Forrest	36.88 232	P	P	00 49 10.3 -0.5
FORT	comp=Z,1.17nm,0.8s				00 49 15.4
MMRI	Maumere	38.63 269	P	P	00 49 25.0 -0.9
PSAO	Pitbara Seismi	41.27 249	P	P	00 49 46.3 -1.4
MBWA	Marble Bar	41.31 250	P	P	00 49 46.1 -1.9
MBWA	comp=Z,38nm,1.4s				00 49 47.9
MBWA	Marble Bar	41.31 250	P	P	00 49 47.0 -1.0
GIRL	Giralala	46.57 266	P	P	00 50 26.6 +0.4
JAGI	Jajaj, Banyuwu	46.60 268	P	P	00 50 29.4 +1.2
OPU	Opana	51.14 51	P	P	00 51 07.0 +1.7
INU	Inuyama	51.15 334	P	P	00 51 04.5 -0.6
INU	comp=Z,1.1nm,0.8s				00 51 18.3 -0.6
JMN	Monobe	51.24 330	P	P	00 51 04.4 -1.4
MMAR	Matsushiro Arr	51.69 336	P	P	00 51 07.0 -2.1
MMAR	comp=Z,3.1nm,0.6s,baz=172,slow=8.9,SNR=8.0				
MAJO	Matsushiro	51.69 336	P	P	00 51 07.6 -1.5
JNU	Nakatsue	52.28 327	P	P	00 51 12.8 -0.8
JNU	comp=Z,3.1nm,0.8s,baz=53,slow=2.5,SNR=4.2				
ASAJ	Asahikawa	57.04 344	P	P	00 51 47.6 -0.2
ASAJ	comp=Z,1.1nm,0.8s,baz=216,slow=10,SNR=6.1				
ASAJ	comp=Z,1.1nm,0.8s				00 51 47.9 -0.9
KSRS	Korea Arr	57.15 329	P	P	00 51 47.9 -0.9
KSRS	comp=Z,4.8nm,1.1s,baz=156,slow=6.9,SNR=5.6				
KSRS	comp=Z,4.8nm,1.1s				00 52 07.0 +7.0
NJ2	Nanjing	58.73 318	P	P	00 52 07.0 +7.0
NJ2	comp=Z,9.0nm,0.6s				
SDSI	Sungai Dareh	60.32 275	P	P	00 52 18.8 +7.5
US0B	Ussuriysk Arr	60.69 336	P	P	00 52 13.1 -0.1
USRK	Ussuriysk Arr	60.69 336	P	P	00 52 12.3 -0.9
USRK	comp=Z,8.3nm,0.8s,baz=167,slow=7.2,SNR=12				
USRK	Ussuriysk Arr	60.69 336	P	P	00 52 12.9 -0.3
MDJ	Mudanjiang	62.01 335	P	P	00 52 23.8 +1.6
MDJ	comp=Z,2.1nm,1.3s				
MDJ	comp=Z,2.1nm,1.3s				00 52 29.2 -1.0
CN2	Changchun	63.21 332	P	P	00 52 29.2 -1.0
CN2	comp=Z,10.0nm,0.5s				
HNS	HongShan	64.72 320	P	P	00 52 41.0 +0.8
HNS	comp=Z,8.0nm,0.9s				
VNDA	Vanda	66.94 180	P	P	00 52 54.1 +0.2
VNDA	comp=Z,2.1nm,0.6s,baz=342,slow=6.2,SNR=24				
VNDA	Vanda	66.94 180	P	P	00 52 54.1 +0.2
VNDA	Vanda	66.94 180	P	P	00 52 54.3 +0.4
VNDA	comp=Z,1.4nm,0.3s,baz=129,slow=4.9,SNR=8.0				00 53 07.7 +0.6
VNDA	comp=Z,1.4nm,0.3s				00 53 12.8 +4.2
KMI	Kunming	67.24 303	P	P	00 53 01.5 +4.5
KMI	comp=Z,12nm,0.6s				
CRAI	Chiangrai	67.37 297	P	P	00 52 56.8 -0.9
CRAI	comp=Z,7.1nm,0.8s				00 52 58.9
HEH	HeiHe	67.44 337	P	P	00 52 56.0 -1.4
HEH	comp=Z,11nm,0.8s				
CCAR	Concordia, Ant	67.90 190	P	P	00 53 00.9 +0.3
CMAR	Chiang Mai Arr	68.01 295	P	P	00 53 01.1 -0.6
CMAR	comp=Z,1.4nm,0.3s,baz=129,slow=4.9,SNR=8.0				
XLT	XilinHaoTe	68.04 326	P	P	00 53 01.1 -0.4
XLT	comp=Z,20nm,0.9s				00 53 14.2 -1.4
XLT	comp=Z,20nm,0.9s				00 53 02.7 +0.5
NIKH	Nikolski High	68.21 19	P	P	00 53 02.7 +0.5
PZH	PanZhiHua	68.63 304	P	P	00 53 06.3 +0.7
PZH	comp=Z,10.0nm,0.4s				
HHC	Hu-ho-hao-te	68.75 322	P	P	00 53 08.7 +2.7
HHC	comp=Z,1.7nm,0.6s				

HHC	comp=Z,640nm,7.8s				
UNV	Unalaska Vale	69.71 20	P	P	00 53 12.6 +1.1
HIA	Hailar	69.90 332	I	I	00 53 12.7
HIA	Hailar	69.90 332	P	P	00 53 12.1 -0.8
HIA	Hailar	69.90 332	P	P	00 53 26.5 -0.4
GNCH	TengChong	70.72 301	eP	sP	00 53 18.3 -0.3
TJNL	Ulanbatar	75.44 326	P	P	00 53 45.8 -0.2
GA	Gaotai	75.68 315	eP	sP	00 53 48.6 +1.1
GA	Gaotai	75.68 315	P	P	00 54 02.7 +0.8
GTA	comp=Z,5.0nm,1.1s				
SONM	Songino Array	75.79 325	P	P	00 53 47.2 -0.8
SONM	comp=Z,5.0nm,0.6s,baz=141,slow=5.6,SNR=42				
SONM	comp=Z,5.0nm,0.6s				00 53 53.6 +0.9
P16K	Nushagak Riv	76.70 20	P	P	00 53 53.6 +0.9
OHAK	Old Harbor	77.11 23	P	P	00 53 54.9 -0.1
Q18K	Katmai Hardscr	77.47 22	P	P	00 53 56.9 -0.3
Q18K	comp=Z,24				00 53 57.7 +0.2
K17K	Koliganek Bris	77.57 20	P	P	00 53 57.4 -1.3
K17K	comp=Z,1.7nm,0.9s,baz=297,slow=4.0,SNR=4.3				
KODK	Kodiak Island	77.77 23	P	P	00 53 58.9 +0.2
KODK	comp=Z,1.7nm,0.9s				00 53 59.7 0.0
P18K	Big Mountain,	77.93 21	P	P	00 54 02.1 +0.6
O18K	Koksh Hills	78.27 21	P	P	00 54 02.6 +0.3
Q20K	Shuyak Island	78.41 23	P	P	00 54 02.0 -0.5
BILL	Bilibino	78.48 2	P	P	00 54 12.1
BILL	comp=Z,11nm,1.0s				
P19K	Oil Pt	78.83 22	P	P	00 54 04.5 -0.1
ANM	ANM	79.00 14	P	P	00 54 05.8 +0.4
N19K	Bonanza Creek	79.22 20	P	P	00 54 06.6 -0.2
TNA	Tin City	79.28 12	P	P	00 54 07.5 +0.7
QSPA	South Pole Qui	79.43 180	P	P	00 54 07.7 -0.3
QSPA	comp=Z,8.4nm,0.7s				00 54 10.9 +0.2
M19K	Big River Lodg	80.03 20	P	P	00 54 11.8 -0.8
M19K	Big River Lodg	80.03 20	P	P	00 54 11.8 +0.2
L19K	White Mountain	80.08 19	P	P	00 54 10.8 -0.6
L19K	White Mountain	80.08 19	P	P	00 54 12.2 +0.8
TTA	Tatalina	80.26 18	P	P	00 54 12.6 +0.2
TTA	Tatalina	80.26 18	P	P	00 54 12.8 +0.4
N20K	Mount Spurr	80.28 21	P	P	00 54 12.9 +0.4
M20K	Styx River	80.44 20	P	P	00 54 13.9 +0.5
L20K	Farewell, AK	80.61 19	P	P	00 54 14.8 +0.6
SUA	Susitna One	80.97 21	P	P	00 54 16.2 0.0
SUA	comp=Z,1.7nm,1.0s				00 54 17.2
SUA	Susitna One	80.97 21	P	P	00 54 16.6 +0.3
RC01	Rabbit Creek A	81.08 22	P	P	00 54 17.6 +0.9
K20K	Telida	81.18 19	P	P	00 54 17.5 +0.3
K20K	comp=Z,1.7nm,1.1s				00 54 26.8
K20K	Telida	81.18 19	P	P	00 54 18.0 +0.8
M22K	Willow	81.39 21	P	P	00 54 17.6 -0.6
PWL	Port Wells	81.45 22	I	I	00 54 20.7
PWL	Port Wells	81.45 22	P	P	00 54 18.3 -0.4
PPLA	Purkaville	81.46 20	P	P	00 54 18.6 -0.3
PMR	Palmer	81.64 22	P	P	00 54 19.8 +0.2
J20K	Nowinta River	81.75 18	I	I	00 54 22.8
J20K	Nowinta River	81.75 18	P	P	00 54 20.2 +0.1
CUT	Chullitna	81.77 21	P	P	00 54 19.7 -0.6
CAST	Castle Rocks	81.86 19	P	P	00 54 19.9 -1.0
CAST	Castle Rocks	81.86 19	P	P	00 54 19.5 -1.3
SML	Sawmill	82.06 22	P	P	00 54 21.9 -0.1
CHUM	Lake Minchumin	82.11 19	P	P	00 54 22.3 +0.3
EYAK	Cordova Ski Ar	82.24 23	P	P	00 54 24.7 +1.9
M23K	Glacier River	82.28 22	P	P	00 54 25.0 +2.0
KTH	Kantishna Hill	82.33 20	I	I	00 54 24.2
TRF	Thorofore Moun	82.47 20	I	I	00 54 26.4
TRF	Thorofore Moun	82.47 20	P	P	00 54 22.5 -1.7
WAT1	Susua Watana	82.65 21	P	P	00 54 24.0 -1.0
M24K	Tolsona, Glenn	83.05 22	P	P	00 54 26.5 -0.6
MCK	McKinley	83.11 20	P	P	00 54 26.3 -1.0
I21K	Tanana	83.12 18	P	P	00 54 26.7 -0.6
H21K					

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Includes stations like Circle Bar Ran, Big Chuk, Turquoise Moun, Granite Mounta, Topopah Spring, etc.

IDC 09 00:47:12.2±0.8, 10:38S;161:40E, h0km, mb4.3/14, mbmp4.3/16, ML4.3/2, Error ellipse: s-maj=22.5km s-min=18.2km az=105.0

ISC-EH 09 00:47:18.8, 10:48S;161:40E, h41km, mb3km, Error ellipse: s-maj=10.7km s-min=7.7km az=106.0

NEIC 09 00:47:20.2±0.5, 10:52S;101:161:5E;0:1, h45km, 7km, mb4.8/20, Error ellipse: s-maj=20.2km s-min=11.2km az=61.0

ISC 09 00:47:18.4±0.5, 10:43S;0:06;161:44E;0:08, h35km, n52, s159/55, mb4.4/19, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Includes stations like Vanda, CMAR, SONM, SVW2, GSPA, etc.

IDC 09 00:47:47.1±0.8, 10:56S;161:24E, h0km, mb4.5/17, mbmp4.4/18, ML3.5/1, Error ellipse: s-maj=27.5km s-min=15.6km az=100.0

ISC-EH 09 00:47:49.7, 10:62S;161:28E, h15km, Error ellipse: s-maj=8.4km s-min=5.4km az=112.0

NEIC 09 00:47:53.8±1.1, 10:65S;0:1;161:3E;0:1, h36km, 7km, mb4.8/38, Error ellipse: s-maj=21.3km s-min=14.7km az=50.0

ISC 09 00:47:52.8±0.5, 10:57S;0:08;161:3E;0:1, h35km, n68, s092/69, mb4.7/35, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Includes stations like Sand Creek, Eagle, Dawson, etc.

TRN 09 00:48:14.2, 11:28N;60:98W, h28km, MD3.6, 2C, Windward Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res. Includes stations like Prospect, Bacolet, Trinidad (W), etc.

IDC 09 00:50:31.9±7.9, 10:64S;160:98E, h0km, mb3.8/4, mbmp3.8/4, Error ellipse: s-maj=230.1km s-min=41.3km az=119.0, Bougainville-Solomon Islands region

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

IDC 09 00:52:27.7±1.1, 10:88S;161:36E, h0km, mb4.1/9, mbmp4.1/11, ML4.1/2, MS4.7/2, Error ellipse: s-maj=30.7km s-min=24.2km az=120.0

ISC 09 00:52:30.0±0.8, 10:75S;0:1;161:2E;0:1, h10km, n15, s113/14, mb3.9/9, Bougainville-Solomon Islands region

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

az=55.0
ISC-EH 09:00:53.51.2, 10:72S:161.47E, h40km, 2km, Error ellipse:
s-maj=4.5km s-min=3.4km az=130.0
NOU 09:00:53:56.7, 10:62S:161.82E, h126km, mb5.0/10,
Solomon Islands
ISC 09:00:53:50.4, 0.5, 10.74S:0.05:161.46E, 0.06, h33km, 2km,
h32mp: p-P, n254, 0.1935/232, mb5.0/80, MS4.9/6, 1C-1D,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like HNR Honiara, KOUV Koumac, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like APSI Ampiana, PS00 Pilbara Seismi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like HDA Harding Lake, K24K Donnelly Dome, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Battle Mountain, Makanchi Array, Iron Mountain, Zalesovo Beam, Sheep Range, etc.

ISC 09 00:56:11.8±2.5, 10.485±161.52E, h0km, mb4.0/3, mbtmp4.0/3, Error ellipse: s-maj=54.8km s-min=41.7km az=46.0, Bougainville-Solomon Islands region

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

ISC 09 00:57:55.1±1.1, 10.655±161.32E, h0km, mb4.3/12, mbtmp4.3/12, Error ellipse: s-maj=28.2km s-min=19.4km az=90.0

NEIC 09 00:58:02.0±2.8, 10.665±161.3E±0.1, h35km,2km, mb4.5/16, Error ellipse: s-maj=20.7km s-min=10.8km az=52.0

NOU 09 00:58:29.9, 10.795±160.21E, h254km, mb4.5/9, Solomon Islands

ISC 09 00:58:01.3±0.5, 10.695±161.40E±0.08, h35km, n48, ±196/52, mb4.4/18, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Sonm Sogingo Array, Sparrevohn, White Mountain, etc.

ISC-EH 09 01:01:45.8, 10.775±161.62E, h24km,4km, Error ellipse: s-maj=6.5km s-min=5.1km az=90.0

NEIC 09 01:01:48.6±1.5, 10.765±161.6E±0.1, h41km,7km, mb4.7/58, Error ellipse: s-maj=16.1km s-min=10.7km az=59.0

IDC 09 01:01:49.3±2.6, 10.745±161.42E, h48km,24km, mb4.2/12, mbtmp4.5/13, ML4.2/1, Error ellipse: s-maj=23.3km s-min=16.6km az=90.0

ISC 09 01:01:46.5±0.4, 10.805±161.58E±0.08, h28km, n91, ±122/69, mb4.7/49, 1,C, Bougainville-Solomon Islands region

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

ISC 09 01:12:03.7±9.0, 11.145±162.18E, h0km, mb3.8/4, mbtmp3.8/4, Error ellipse: s-maj=260.5km s-min=40.7km az=121.0, Bougainville-Solomon Islands region

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

ISC 09 01:15:06.4±1.5, 10.115±161.42E, h0km, mb3.8/5, mbtmp3.8/6, ML3.9/1, Error ellipse: s-maj=44.6km s-min=28.3km az=119.0

ISC 09 01:15:11.7±1.1, 10.105±161.56E±0.2, h35km, n10, ±190/57, mb3.8/5, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like M19K, L19K, J20K, Castle Rocks, etc.

ISC 09 01:15:57.9, 38.73N±20.62E, h10km,1km, ML2.5/8, Error ellipse: s-maj=2.0km s-min=0.6km az=92.0

ATH 09 01:15:58.1, 38.74N±20.59E, h9km,1km, ML2.4/5, Error ellipse: s-maj=2.0km s-min=0.8km az=88.0

ISC 09 01:15:57.2±0.8, 38.72N±20.63E±0.04, h13km,4km, n28, ±0/44/44, Greece

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

ISC 09 01:15:57.9, 38.73N±20.62E, h10km,1km, ML2.5/8, Error ellipse: s-maj=2.0km s-min=0.6km az=92.0

ATH 09 01:15:58.1, 38.74N±20.59E, h9km,1km, ML2.4/5, Error ellipse: s-maj=2.0km s-min=0.8km az=88.0

ISC 09 01:15:57.2±0.8, 38.72N±20.63E±0.04, h13km,4km, n28, ±0/44/44, Greece

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TSKL, FSK, VLS, KEF4, etc.

NEIC 09 01:17:31.9:1.9, 15.7S; 0.2:177.0W:0.2, h408km, 8km, mb4.3/26, Error ellipse: s-maj=28.4km s-min=16.1km az=141.0

IDC 09 01:17:31.8:2.5, 15.78S; 176.95W, h402km, 25km, mb3.5/9, mbmp4.3/10, Error ellipse: s-maj=28.6km s-min=16.0km az=140.0

NOU 09 01:17:32.1:15.82S; 176.61W, h353km, MLV4.4/8, Fiji Islands Region

ISC 09 01:17:31.0:0.6, 15.7S; 0.1:176.9W:0.1, h400km, n74, 0.656/72, mb4.1/23, 3C, Fiji Islands region

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

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

NEIC 09 01:19:21.8:1.0, 10.4S; 0.1:161.4E:0.1, h35km, 5km, mb4.5/18, Error ellipse: s-maj=19.5km s-min=10.9km az=49.0

IDC 09 01:19:25.0:2.2, 10.40S; 161.23E, h68km, 17km, mb4.0/14, mbmp4.3/15, Error ellipse: s-maj=22.0km s-min=14.6km az=78.0

ISC 09 01:19:21.0:0.6, 10.47S; 0.0:163.37E:0.0, h35km, n47, 0.131/31, mb3.3/23, Bougainville-Solomon Islands region

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

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

SJA 09 01:30:10.5:0.6, 24.20S; 67.21W, h197km, 4km, ML4.3, MW4.0

IDC 09 01:30:11.3:1.1, 24.20S; 67.08W, h170km, 13km, mb2.9/1, mbmp3.9/7, Error ellipse: s-maj=19.9km s-min=16.1km az=39.0

NEIC 09 01:30:11.2:1.6, 24.24S; 0.07:67.3W:0.1, h203km, 9km, mb4.4/4, Md3.9(SJA), ML4.2(GUC), Error ellipse: s-maj=15.9km s-min=9.7km az=97.0

GUC 09 01:30:12.3:0.6, 24.16S; 67.55W, h200km, 6km, ML4.1, VAO 09 01:30:12.1:1.9, 23.66S; 66.49W, h240km, 11km, mb4.1, ISC 09 01:30:11.4:0.6, 24.23S; 0.03:67.25W:0.03, h194km, 7km, n109, 0.154/143, 8C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AF01, SLA, AZAP, etc.

ASAR Alice Springs 29.34 24.0 P 01 48 05.1 -2.5
SONM Songlo Array 75.86 32.5 P 01 53 52.2 +1.4
ILAR Eileison Array 84.44 20.0 P 01 54 35.3 -1.2
MKAR Makanchi Array 90.34 31.8 P 01 55 05.0 -0.5

WEL 09 01:45:00.42:31S:174.08E,h5km,ML4.0,Mw4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^15 Nm; Mw:0.08; Mse0.90; Mse0.83; Mse0.35; Mse0.62; Mw:0.26; Fault plane solution: Mo1.150000:10^15 NP1: q=152.000000, s=68.000000, lambda=5.000000, NP2: q=244.000000, s=85.000000, lambda=158.000000, Principal axes: T 115.9000, Plg12.0000, Azm16.0000, N -114.7200, Plg67.0000, Azm256.0000, P -117.000, Plg19.0000, Azm110.0000, NOU 09 01:45:05.45:42.44S:174.16E,h0km,MLV4.4/13, OlfE: Coast of S. Island, N.4.

WEL 09 01:45:07.1:0.4:42.3:3:17.4E, h12km, M3.9/40, ML4.2/20, MLV3.9/40, Error ellipse: s-maj=0.0km s-min=0.0km az=128.2, confirmed

IDD 09 01:45:10.0:3.5:42.11S:173.30E,h0km,mb3.8/2, mbmp3.8/3,ML4.2/1, Error ellipse: s-maj=71.0km s-min=34.1km az=112.0

ISC 09 01:45:05.6:0.9:42.41S:174.18E,0.04,h10km,n109, r124/112, Off east coast of South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like KHZ Kahutara, CMWZ Cape Campbell, TUWZ Tuamarina, etc.

mbmp3.9/6,ML4.5/2, Error ellipse: s-maj=45.0km s-min=27.8km az=74.0

ISC 09 01:54:37.3:1.5:10.7S:02:161:5E:0.3,h35km,n12, c0956/G,mb3.6/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like HNR Honiara, DZM Mont Dzumac, WRA Warramunga Arr, etc.

IDD 09 01:56:41.0:3.1:10.55S:161.15E,h54km,25km,mb3.6/4, mbmp3.9/6,ML3.6/2,MS3.8/1, Error ellipse: s-maj=30.3km s-min=17.4km az=71.0

ISC 09 01:56:39.8:1.1:10.5S:01:161:2E:0.2,h35km,n14, c1717/H,mb3.6/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like HNR Honiara, DZM Mont Dzumac, WRA Warramunga Arr, etc.

IDD 09 01:58:53.0:3.0:5.10:90S:161.14E,h0km,mb4.9/28, mbmp4.9/31,ML5.0/2,MS4.7/47, Error ellipse: s-maj=16.1km s-min=12.2km az=93.0

BUI 09 01:58:54.0:0.0:11:00S:161.20E,h20km,mb5.0/63, mb5.4/47,MS5.3/60,MS7.4/95/2

MOS 09 01:58:54.5:1.0:91S:161.09E,h17km,mb5.3/33, Error ellipse: s-maj=8.2km s-min=7.0km az=123.9

NEIC 09 01:58:55.4:1.5:11:02S:0:07:161.14E:0.09,h10km,1km, mb5.3/187, Error ellipse: s-maj=15.2km s-min=10.4km az=60.0

ISC-EH 09 01:58:56.5:10:98S:161.21E,h18km,1km, Error ellipse: s-maj=3.7km s-min=2.9km az=137.0

NOU 09 01:58:59.1:11:03S:161.16E,h24km,ML5.2/88, Solomon Islands

ISC 09 01:58:56.2:0.2:10:96S:0:04:161.23E:0.05,h18km,n617, c159/568,mb5.2/156,MS4.8/68,4C-5D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like HNR Honiara, KOUNC Koumac, RABL Rabaul, etc.

MSVF comp=2.342nm,1.6s IAmb IAmb 02 03 07.3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like MSVF Nonsavu, MTSU Mount Surprise, etc.

WRO Warramunga Arr 27.20 248 P IAmb IAmb 02 04 37.3 -1.9

WR0 Warramunga Arr 27.36 248 P IAmb IAmb 02 04 39.8 -0.8

WRAB Tennant Creek 27.37 248 P IAmb IAmb 02 04 39.0 -1.7

WRAB Tennant Creek 27.37 248 P IAmb IAmb 02 04 39.9 -0.8

WRAB Tennant Creek 27.37 248 P IAmb IAmb 02 04 39.9 -1.7

WRB Warramunga Arr 27.37 248 P IAmb IAmb 02 04 38.6 -2.2

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

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WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

WRA Warramunga Arr 27.38 248 P IAmb IAmb 02 04 39.3 -1.5

Table with columns: Station ID, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like N16K, O17K, KDAX, etc.

Table with columns: Station ID, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like MDM, TCOL, COLA, etc.

Table with columns: Station ID, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like G27K, D25K, DGZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MC2 Castelsantange, T1245 comp=N,195um,0.3s, NRCA Norcia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EIDS Eidsvold, WRB Warrungarra Arr, WRO Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like az=75.0, NOU 09:02:35:37.8, etc.

IDC 09:02:17:04.8:2.4, 10.565Sx160.70E, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=51.1km s-min=26.9km az=92.0, Bougainville-Solomon Islands region

IDC 09:02:26:28.9:0.8, 1.97S: 121.00E, h0km, mb4.0/8, mbtmp4.1/10, ML 4.0/2, Error ellipse: s-maj=49.3km s-min=14.6km az=65.0

IDC 09:02:46:11.0:1.0, 9.12S: 160.76E, h0km, mb4.4/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, WRA Warrungarra Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRKA Warakuma, MULC Mulgathing, etc.

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

IDC 09:02:17:47.4:1.6, 36.92N:141.52E, h0km, mb3.5/2, mbtmp3.3/3, ML 2.2/1, Error ellipse: s-maj=49.5km s-min=31.2km az=135.0

IDC 09:02:26:33.4:0.6, 2.09S: 0.05:120.97E:0.06, h35km, n45, s152/46, mb4.3/16, Sulawesi

IDC 09:02:46:09.4:0.0, 10.75S: 161.24E, h28km, mb4.9/49, mb5.2/27, Ms5.0/11, Ms7.4/6.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JFJF Fukushimafurud, JMSJ Minamisoumatoc, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KAPI Kappang, KAPJ Kappang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SOEI Soe, USLM Lahad Datu, etc.

IDC 09:02:23:38.7:0.6, 6.5S:14.8E, h75km, 10km, M4.8/7, mb5.5/2, mb4.7/7, MLV4.9/2, Mw(mb)4.9/2

IDC 09:02:26:33.4:0.6, 2.09S: 0.05:120.97E:0.06, h35km, n45, s152/46, mb4.3/16, Sulawesi

IDC 09:02:46:11.0:1.0, 9.12S: 160.76E, h0km, mb4.4/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H1N12 WAKE ISLAND Hy, H1N11 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BUJ 09:02:46:09.4:0.0, 10.75S: 161.24E, etc.

IDC 09:02:23:38.7:0.6, 6.5S:14.8E, h75km, 10km, M4.8/7, mb5.5/2, mb4.7/7, MLV4.9/2, Mw(mb)4.9/2

IDC 09:02:26:33.4:0.6, 2.09S: 0.05:120.97E:0.06, h35km, n45, s152/46, mb4.3/16, Sulawesi

IDC 09:02:46:11.0:1.0, 9.12S: 160.76E, h0km, mb4.4/13, Bougainville-Solomon Islands region

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

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

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

IDC 09:02:23:38.7:0.6, 6.5S:14.8E, h75km, 10km, M4.8/7, mb5.5/2, mb4.7/7, MLV4.9/2, Mw(mb)4.9/2

IDC 09:02:26:33.4:0.6, 2.09S: 0.05:120.97E:0.06, h35km, n45, s152/46, mb4.3/16, Sulawesi

IDC 09:02:46:11.0:1.0, 9.12S: 160.76E, h0km, mb4.4/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CTAO Charters Tower, KDU Kakadu, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EIDS Eidsvold, MSFV Nonsavu, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Aishikik Lake, Barrow, Eagle, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ZAAO, ZALV, BELA, IRM, GLA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like NRCA, NRCA, NRCA, etc.

ROM 09 02:50:40.2 0.2, 42.75Nm, 0.01x13.30E, 0.02, h10km, ML1.5/19, 12C-10D, Error ellipse: s-maj=1.4km s-min=1.1km az=243.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like T1243, T1245, etc.

IDC 09 02:50:53.1:8.4, 9.97S-161.63E, h0km, mb3.9/4, s-min=39.6km az=118.0, Bougainville-Somoni Islands region

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

9d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Leonessa, Castelsantange, Preci, Rocca Santa Ma, etc.

IDC 09 03:00:00.5:8.2, 11:133Sx161.31E, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=239.3km s-min=39.9km az=120.0, Bougainville-Solomon Islands region

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

IDC 09 03:00:21.6:1.7, 10:56Sx161.21E, h0km, mb3.9/5, mbtmp3.9/6, ML3.8/1, Error ellipse: s-maj=34.1km s-min=25.2km az=108.0

IDC 09 03:00:26.7:1.4, 10:7Sx161.16E, h0.2, h35km, n7, c0959R, mb3.8/5, Bougainville-Solomon Islands region

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

IDC 09 03:05:38.7:9.8, 4:58Sx148.38E, h0km, mb3.3/3, mbtmp3.3/3, Error ellipse: s-maj=313.9km s-min=37.7km az=102.0, Bismarck Sea region

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

IDC 09 03:14:51.8:4.1, 11:33Sx161.92E, h0km, mb3.8/3, mbtmp4.1/4, ML5.4/1, Error ellipse: s-maj=84.8km s-min=37.2km az=104.0, Bougainville-Solomon Islands region

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

ROM 09 03:19:10.2:0.2, 42:743N:0:004:13:166E:0:010, h10km, ML1.3/7, 5C-6D, Error ellipse: s-maj=0.7km s-min=0.5km az=108.0, Central Italy region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Civita (PG).

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Norcia, Castelsantange, Monte Cornacci, etc.

ROM 09 03:19:37.8:0.4, 43:023N:0:003:13:093E:0:004, h10km, ML1.4/10, 1D, Error ellipse: s-maj=0.3km s-min=0.2km az=77.0, Central Italy region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Fiordimonte, Monte Fecia, Muccia, Frazio, etc.

IDC 09 03:21:51.9:2.5, 10:52Sx161.26E, h63km, mb3.7/10, mbtmp4.1/12, Error ellipse: s-maj=24.8km s-min=15.4km az=75.0

IDC 09 03:21:53.7:0.8, 10:58Sx161.3E:0:1, h61km, n19, c1923/15, mb3.9/10, Bougainville-Solomon Islands region

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

IDC 09 03:23:15.0:1.0, 10:38Sx161.39E, h0km, mb4.0/7, mbtmp4.0/7, Error ellipse: s-maj=31.7km s-min=25.6km az=117.0

IDC 09 03:23:15.0:1.0, 10:38Sx161.39E, h0km, mb4.0/7, mbtmp4.0/7, Error ellipse: s-maj=31.7km s-min=25.6km az=117.0

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

IDC 09 03:33:25.8:3.6, 10:79Sx161.98E, h0km, mb3.6/3, mbtmp3.9/5, ML4.4/2, Error ellipse: s-maj=74.3km s-min=36.8km az=109.0, Bougainville-Solomon Islands region

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

SOME 09 03:42:51.9, 43:73N:86:35E, h0km, NNC 09 03:42:57.1:1.3, 43:85N:86:18E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=9.3km s-min=5.1km az=112.0

IDC 09 03:42:54.6:2.4, 43:67N:100:86:2E:0:1, h10km, n21, c287/33, 7C-7D, Northern Xinjiang region

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

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cingoli, Rocca Santa Ma, Leonessa, etc.

IDC 09 03:21:54.1:2.5, 10:52Sx161.26E, h63km, mb3.7/10, mbtmp4.1/12, Error ellipse: s-maj=24.8km s-min=15.4km az=75.0

IDC 09 03:21:53.7:0.8, 10:58Sx161.3E:0:1, h61km, n19, c1923/15, mb3.9/10, Bougainville-Solomon Islands region

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

IDC 09 03:21:54.1:2.5, 10:52Sx161.26E, h63km, mb3.7/10, mbtmp4.1/12, Error ellipse: s-maj=24.8km s-min=15.4km az=75.0

IDC 09 03:21:53.7:0.8, 10:58Sx161.3E:0:1, h61km, n19, c1923/15, mb3.9/10, Bougainville-Solomon Islands region

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

IDC 09 03:23:15.0:1.0, 10:38Sx161.39E, h0km, mb4.0/7, mbtmp4.0/7, Error ellipse: s-maj=31.7km s-min=25.6km az=117.0

IDC 09 03:23:15.0:1.0, 10:38Sx161.39E, h0km, mb4.0/7, mbtmp4.0/7, Error ellipse: s-maj=31.7km s-min=25.6km az=117.0

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

IDC 09 03:33:25.8:3.6, 10:79Sx161.98E, h0km, mb3.6/3, mbtmp3.9/5, ML4.4/2, Error ellipse: s-maj=74.3km s-min=36.8km az=109.0, Bougainville-Solomon Islands region

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

IDC 09 03:42:51.9, 43:73N:86:35E, h0km, NNC 09 03:42:57.1:1.3, 43:85N:86:18E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=9.3km s-min=5.1km az=112.0

IDC 09 03:42:54.6:2.4, 43:67N:100:86:2E:0:1, h10km, n21, c287/33, 7C-7D, Northern Xinjiang region

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

SOME 09 03:42:51.9, 43:73N:86:35E, h0km, NNC 09 03:42:57.1:1.3, 43:85N:86:18E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=9.3km s-min=5.1km az=112.0

IDC 09 03:42:54.6:2.4, 43:67N:100:86:2E:0:1, h10km, n21, c287/33, 7C-7D, Northern Xinjiang region

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

9d 4h

Table with 4 columns: CHY, CHAIY, Pn, 04 10 19.4 +1.4, etc. Lists various radio stations and their frequencies.

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Table with 4 columns: TSEB, JOGS, MHZO, QZH, etc. Lists various radio stations and their frequencies.

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Table with 4 columns: HEH, HEH, ULN, SONM, etc. Lists various radio stations and their frequencies.

IDC 09 04:10:32.0-0.7, 10:52S; 161.34E, h0km, mb4.6/20, mblmp4 6.22, M-L1.1/2, MS3 9/8, Error ellipse: s-maj=18.4km s-min=14.6km az=106.0

mb4.9/63, Error ellipse: s-maj=14.6km s-min=10.3km az=63.0

ISC 09 04:10:37.6-0.4, 10.50S-0.05:161.37E-0.07, h35km, n155, o1840/133, mb4.8/63, MS3.8/5, 2C, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Honiara, Kourou, Lifu, etc.

Table with columns: KSR5, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Korea Array, DUMONT, Nanjing, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Honiara, Kourou, Lifu, etc.

ISC 09 04:25:06.4-0.7, 10.51S:161.18E, h0km, mb4.4/14, mbmp4.4/17, ML4.7/2, MS3.8/1, Error ellipse: s-maj=19.0km s-min=16.7km az=87.0

ISC-EH 09 04:25:12.4, 10.56S:161.20E, h40km, mb4.6/31, Solomon Islands region

9d 4h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like L19K White Mountain, CAST Castle Rocks, MCK McKinley, etc.

IDC 09 04:27:26.8:5.2:3.02S:140.12E, h0km, mb4.2/2, m-bmp4.3/3, ML4.6/1, MS4.0/1, Error ellipse: s-maj=16.0, 1km s-min=63.7km az=125.0

DJA 09 04:27:33.4:1.0:3.5S:8.14.0E, h56km, 13km, M4.1/3, ML4.1/3

ISC 09 04:27:33.9:1.0:3.22S:0.08E:140.20E:0.09, h54km, n8, r134/10, mb4.2/3, Irian Jaya

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GENI Genyem, JAY Jayapura, WAMI Wamena, etc.

IDC 09 04:27:29.5:0.7:10.81S:161.42E, h0km, mb4.4/17, m-bmp4.4/20, ML4.5/3, Error ellipse: s-maj=21.1km s-min=16.4km az=74.0

ISC-EH 09 04:27:31.8:10.92S:161.30E, h15km, Error ellipse: s-maj=7.6km s-min=7.1km az=79.0

NEIC 09 04:27:34.1:1.6:10.96S:0.09:161.16E:0.10, h26km, 3km, mb4.8/25, Error ellipse: s-maj=15.2km s-min=10.6km az=52.0

ISC 09 04:27:34.7:0.5:10.96S:0.06:161.26E:0.09, h35km, n53, r103/55, mb4.6/27, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like HNR Honiara, MORC Moravsky, MAUC MAUC, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SONM Songino Array, SONM Songoing Array, YAK Yakutsk, etc.

IDC 09 04:31:36.1:1.2:10.70S:161.34E, h0km, mb3.9/5, m-bmp4.0/7, ML3.9/2, Error ellipse: s-maj=26.6km s-min=25.6km az=91.0

ISC 09 04:31:37.8:0.9:10.70S:0.1:161.33E:0.1, h10km, n8, r056/9, mb3.8/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, CTA Charters Tower, etc.

IPEC 09 04:33:37.9:0.3:50.07N:181.52E, h1km, ML2.6/4, Error ellipse: s-maj=2.0km s-min=1.8km az=176.0

PRU 09 04:33:38.3:0.0:50.04N:181.42E, h0km, VIE 09 04:33:41.4:49.90N:183.5E, h0km, ML2.6/1 10 km NE of Ostrava Suspected Mining induced

ISC 09 04:33:37.4:0.8:50.09N:0.03:18.48E:0.02, h0km, n30, r082/57, Poland

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like OKC Ostrava-Krasne, MORC Moravsky, MAUC MAUC, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like RONA, BRG Bergliesshubel, CKRC Cesky Krumlov, etc.

DJA 09 04:34:01.5:1.1:5.7N:6.9.6E, h10km, M3.8/6, MLV3.8/6, IDC 09 04:34:04.5:14.0:4.15N:95.68E, h0km, mb3.6/2, m-bmp3.7/3, ML4.3/1, MS3.7/3, Error ellipse: s-maj=394.9km s-min=48.9km az=79.0

ISC 09 04:34:07.7:1.1:4.89N:0.07:96.6E:0.1, h10km, n13, r111/9, MS3.8/3, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like LHMI Lok Sumawe, MSLI Meulaboh, KCSI Kotacane, etc.

ISC 09 04:34:14.6:8.8:10.91S:161.86E, h0km, mb3.9/4, m-bmp3.9/4, MS3.7/3, Error ellipse: s-maj=257.7km s-min=40.9km az=120.0, Bougainville-Solomon Islands region

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

IDC 09 04:34:57.5:0.8:10.80S:161.27E, h0km, mb4.5/15, m-bmp4.5/18, ML4.4/3, MS3.8/4, Error ellipse: s-maj=20.4km s-min=16.8km az=85.0

ISC-EH 09 04:34:59.1:10.87S:161.39E, h15km, Error ellipse: s-maj=6.6km s-min=5.6km az=63.0

NEIC 09 04:34:59.4:1.5:10.90S:0.07:161.35E:0.08, h15km, 3km, mb4.8/33, Error ellipse: s-maj=12.0km s-min=9.5km az=51.0

NOU 09 04:35:02.1:10.16S:161.90E, h94km, mb4.5/7, Solomon Islands

ISC 09 04:34:58.4:0.5:10.88S:0.06:161.37E:0.07, h10km, n94, r134/85, mb4.8/41, MS4.0/4, ID, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like HNR Honiara, MORC Moravsky, MAUC MAUC, etc.

Table with columns: STKA, Name, RA, Dec, P, M, Az, Alt, etc. Includes stations like Stephens Creek, Alice Springs, ASAR, GUMO, H11S2, etc.

Table with columns: Code, Station Name, Az, Alt, Phase, ID, Op, ISC, Time, Res, etc. Includes stations like IPOC Station P, IPOC Station S, IPOC Station E, etc.

Table with columns: LPAZ, Name, RA, Dec, P, M, Az, Alt, etc. Includes stations like La Paz, Coronel Fontan, CFA, VAO3, etc.

SJA 09:40:40:39.4.0.23:21'S:70:92'W,h10km,ML4.1,MW4.0
VAO 09:40:40:41.1.0.6:23:14'S:70:99'W,h10km,mb4.6
NEIC 09:40:40:41.6.2.1:23:22'S:0:04.71:15'W,0.08,h27km,6km,
mb4.5/7,Mw4.3/5.4,ML4.1(GUC). Error ellipse:
s-maj=10.2km s-min=5.4km az=93.0 Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mr:0.83;
Mw:0.62; Mw-1.45; Mw-0.29; Mw-0.28; Mw-3.48; Fault
plane solution: Ms:3.70000:1015 NP1:ps:325.750000;
delta11:250000; delta12:010000; NP2:ps:185.280000; delta17:270000;
delta18:140000; Principal axes: T 3.4099,Plg5.00000;
Azim104.00000; N 0.5640,Plg7.00000; Azim4.00000; P

s-min=30.0km az=132.0
NEIC 09 05:12:56.2+1.7, 10.63S;0.10:16.140E;0.08,h35km,2km,
mb4.5/16, Error ellipse: s-maj=19.6km s-min=8.8km
az=35.0

ISC 09 05:12:54.9+0.6, 10.58S;0.08:16.146E;0.08,h35km,n27,
r1569/29,mb4.3/10,Bougainville-Solomon Islands
region

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

NEIC 09 05:13:46.1+2.7, 8.51S;0.09:16.216E;0.07,h35km,2km,
mb4.3/14, Error ellipse: s-maj=15.4km s-min=12.1km
az=13.0

ISC 09 05:13:55.8+16.0, 10.38S;161.05E,h0km,mb3.7/3,
mbtmp3.7/3,MS4.1/1, Error ellipse: s-maj=468.0km
s-min=46.7km az=118.0

ISC 09 05:13:45.6+0.7, 8.56S;0.09:16.214E;0.08,h35km,n26,
r1538/24,mb4.2/10,Bougainville-Solomon Islands
region

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

ISC 09 05:25:50.0+1.1, 22.08N;143.07E,h0km,mb3.9/7,
mbtmp3.9/7, Error ellipse: s-maj=46.8km s-min=20.8km
az=85.0

NEIC 09 05:26:06.5+1.2, 22.61N;0.07:143.1E;0.1,h71km,3km,
mb4.4/19, Error ellipse: s-maj=15.8km s-min=10.4km
az=96.0

ISC 09 05:26:04.2+0.6, 22.41N;0.07:143.22E;0.10,h150km,n44,
r1873/37,mb4.0/13,Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like JMC Chichijima, JMJ Minamidaito, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like TJN Ningsanchiao, NACB Ninganchiao, etc.

ISC 09 05:28:07.5+3.6, 10.82S;161.02E,h0km,mb3.5/3,
mbtmp3.5/3, Error ellipse: s-maj=70.5km s-min=29.5km
az=86.0,Bougainville-Solomon Islands region

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

NOU 09 05:28:25.2+4.1, 89S;174.51E,h8km,MLV3.7/8,Cook
Strait, New Zealand
WEL 09 05:28:27.2+0.3, 42.3S;17.47E,h9km,3km,M3.3/38,
ML3.5/21,MLV3.3/38, Error ellipse: s-maj=0.0km
s-min=0.0km az=145.2,confirmed

ISC 09 05:28:26.7+0.9, 41.89S;0.03:174.33E;0.02,h10km,n87,
r279/20,Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like CMWZ Cape Campbell, BSWZ Blackbirch Sta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like WTVZ West Tongariro, ETVZ East Tongariro, etc.

ISC 09 05:30:09.3+0.9, 10.91S;161.42E,h0km,mb4.2/12,
mbtmp4.3/15,ML4.0/24,MS4.0/19, Error ellipse:
s-maj=25.0km s-min=18.1km az=98.0

ISC-EH 09 05:30:12.3, 10.92S;161.28E,h15km, Error ellipse:
s-maj=8.8km s-min=6.4km az=91.0

NEIC 09 05:30:14.4+1.4, 10.88S;0.09:16.21E;0.1,h22km,5km,
mb4.7/30, Error ellipse: s-maj=20.5km s-min=9.9km
az=63.0

ISC 09 05:30:11.8+0.5, 10.90S;0.07:161.24E;0.10,h10km,n74,
r1806/63,mb4.6/31,MS4.0/15,Bougainville-Solomon
Islands region

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

ISC 09 05:30:11.8+0.5, 10.90S;0.07:161.24E;0.10,h10km,n74,
r1806/63,mb4.6/31,MS4.0/15,Bougainville-Solomon
Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like CTAO Charters Tower, EIDS Eidsvold, etc.

ISC 09 06:19:55.0, 8.2834N, 0.0412844E, 0.05, h10km, n23, c1547/28, mb3.6/6, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like JAMN Amaminishikomi, JTK Tokunoshima, JOKE Okinorabujima, etc.

NOU 09 06:21:25.5, 10.22S, 162.00E, h67km, mb4.4/7, Solomon Islands

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

ISC 09 06:21:31.4, 1.5, 10.62S, 0.08, 161.19E, h15km, Error ellipse: s-maj=7.4km s-min=6.3km az=85.0

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

comp=Z, 8.1nm, 0.9s SONM Songo Array 75.77 325 P 06 33 13.7 -0.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like SONM Songo Array, SVWZ Sparrevohn, M19K Big River Lod, etc.

ISC 09 06:25:26.1, 5.3, 24.93S, 175.29W, h0km, mb3.5/4, mbtmp3.5/4, MS3.1/1, Error ellipse: s-maj=31.14km s-min=35.9km az=158.0, South of Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like MSVF Nonsavu, CTA Charters Tower, ASAR Alice Springs, etc.

JMA 09 06:27:08.1, 0.1, 24.1N, 0.6, 121.8E, 0.5, h70km, 1km, MV3.4/11, TAIWAN REGION

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like EHP Heping Village, ENA Nanau, ETL Fush Village, etc.

ISC 09 06:27:08.6, 24.27N, 121.77E, h67km, ML3.6, C

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like EHP Heping Village, ENA Nanau, ETL Fush Village, etc.

TWA Mucha 0.72 346 eP Pn 06 27 24.1 +0.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like TWA Mucha, TATO Santiao Chiao, TWB1 Taichung City, etc.

9d 7h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, AKUT Akutan, ULN Ulaanbaatar, etc.

ICD 09 06:51:15.5:1.1, 10:50Sx161.23E, h0km, mb3.8/7, mbmp3.8/8, ML3.6/1, Error ellipse: s-maj=24.8km s-min=22.0km az=97.0

NEIC 09 06:51:22.4:2.1, 10:33S:0:10:161.2E:0:1, h26km, gkm, mb4.4/7, Error ellipse: s-maj=18.1km s-min=12.4km az=56.0

NOU 09 06:51:27.6:1.0:49S:160.77E, h44km, mb4.4/9, Solomon Islands

ICD 09 06:51:22.6:0.6, 10:46S:0:07:161.17E:0:09, h35km, n41, r1560/44, mb4.0/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, CTAR Charters Tower, etc.

WEL 09 06:53:16.0:0.9, 37.5Sx177.9E, h5km, M3.2/22, ML3.9/22, ML2.3/22, Error ellipse: s-maj=0.0km

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s-min=0.0km az=149.9, confirmed, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MXZ Matakaoa Point, WNGZ Waikomatatini S, PKGZ Pakihi, etc.

ICD 09 06:55:35.9:1.1, 10:57Sx161.41E, h0km, mb4.0/7, mbmp4.0/9, ML4.0/2, Error ellipse: s-maj=24.2km s-min=21.1km az=83.0

NEIC 09 06:55:43.6:1.2, 10:57S:0:09:161.32E:0:10, h49km, gkm, mb4.5/21, Error ellipse: s-maj=15.1km s-min=11.9km az=50.0

ICD 09 06:55:41.8:0.5, 10:58S:0:07:161.33E:0:07, h35km, n38, r086/39, mb4.2/14, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HNR Honiara, KOUNC Koumang, LIFUNC LIFOU, etc.

ICD 09 06:56:01.9:4.1, 53.75N:90.61E, h0km, mbtmp3.3/2, ML3.1/2, 2C-1D, Error ellipse: s-maj=40.3km s-min=23.4km az=31.0, Southwestern Siberia

618

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KURBB, MK31 Makanchi Array, MKAR Makanchi Array, etc.

ICD 09 06:56:08.6:3.3, 15:33Nx121.51E, h0km, mb3.7/3, mbtmp3.7/3, MS4.0/3, Error ellipse: s-maj=312.0km s-min=28.6km az=62.0, Luzon

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

ICD 09 07:03:26.5:3.2, 53:55N:87.99E, h0km, mbtmp3.3/2, ML2.5/2, Error ellipse: s-maj=27.0km s-min=19.6km az=45.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, NOA NORSAR Array B, etc.

ICD 09 07:03:28.4:0.7, 10:50Sx161.20E, h0km, mb4.3/15, mbmp4.3/17, ML4.2/2, MS4.0/18, Error ellipse: s-maj=20.5km s-min=15.5km az=93.0

NEIC 09 07:03:33.8:1.2, 10:46S:0:08:161.2E:0:1, h36km, gkm, mb4.9/40, Error ellipse: s-maj=18.6km s-min=8.4km az=65.0

BUJ 09 07:03:35.2:0.0, 10:17S:160.82E, h33km, mb4.7/24, mb5.0/13, MS4.8/2, Ms7.4/5.2

ISC-EH 09 07:03:35.0, 10:51S:161.22E, h50km, gkm, Error ellipse: s-maj=7.5km s-min=5.7km az=101.0

NOU 09 07:03:43.1, 10:49S:162.08E, h178km, mb4.3/8, Solomon Islands region

ICD 09 07:03:33.6:0.4, 10:50S:0:06:161.28E:0:07, h35km, n106, r131/90, mb4.8/42, MS3.9/17, 1C, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HNR Honiara, KOUNC Koumang, LIFUNC LIFOU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EGFG, YGFI, YMO1, LIOB, etc.

IDC 09 08:04:08.7±1.2, 01:81Sx161.54E, h0km, mb3.8/6, mbmp3.8/8, ML3.5/2, MS3.4/1, Error ellipse: s-maj=35.3km s-min=25.5km az=107.0

ISC 09 08:04:13.0±1.0, 01:90Sx161.50E, h28km, n15, c641/8, mb3.7/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, WRA, ASAR, H1S2, etc.

IDC 09 08:11:35.3±1.5, 01:77Sx160.76E, h0km, mb4.0/6, mbmp4.0/7, ML3.5/1, MS3.3/2, Error ellipse: s-maj=34.9km s-min=23.8km az=104.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR, PMG, WRA, ASAR, CMAR, etc.

IDC 09 08:16:55.5±1.0, 02:13Sx121.08E, h0km, mb3.9/6, mbmp3.9/7, ML4.1/1, MS3.6/2, Error ellipse: s-maj=38.9km s-min=17.2km az=67.0

DJA 09 08:16:58.2±0.2, 02:22Sx121.12E, h10km, M4.7/16, mb5.0/3, mb5.5/2, MLv4.5/16, MBv5/5, J2

ISC 08 16:57.3±0.8, 02:20Sx121.06E, h10km, n21, c695/21, mb3.9/6, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like APSI, LWSI, SPSI, etc.

IDC 09 08:23:41.9±12.0, 05:22Nx96.53E, h0km, mb3.4/3, mbmp3.4/3, MS3.1/2, Error ellipse: s-maj=427.9km s-min=35.1km az=69.0

DJA 09 08:23:42.4±1.8, 05:22Nx96.53E, h12km, 8km, M4.0/6, MLv4.0/6

ISC 09 08:23:42.3±1.6, 05:17Nx09.962E, h10km, n12, c678/9, mb3.5/3, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LHMI, KCSI, SNSI, etc.

WRA Warramunga Arr 45.02 125 P 0.2nm, 0.7s, baz=303, slow=9.1, SNR=2.2

ASAR Alice Springs 46.60 130 P 0.4nm, 0.5s, baz=302, slow=7.8, SNR=5.9

ZALV Zalesovo Beam 49.51 351 LR 0.8nm, 0.5s, baz=108, slow=16, SNR=147

NOA NORARS Array B 83.09 331 LR comp=Z, 1.2nm, 18.8s, baz=270, slow=38

ASRS 09 08:25:53.4±53.4, 01:08.874E, h2km, MLh4.0/14, confirmed

NNC 09 08:25:54.2±2.4, 03:36N, 87.49E, h0km, mb4.6, mpv4.4, Error ellipse: s-maj=21.7km s-min=10.1km az=51.0

IDC 09 08:25:54.3±0.9, 03:45N, 87.45E, h0km, mb4.0/5, mbmp4.1/9, ML3.6/3, Error ellipse: s-maj=12.1km s-min=9.9km az=144.0

NEIC 09 08:25:55.3±1.8, 03:46N, 05:872E, h10km, 1km, mb4.3/17, Error ellipse: s-maj=12.5km s-min=5.4km az=126.0

ISC 09 08:25:54.0±1.5, 03:45N, 02:874E, h0km, m63, c128/84, mb4.3/10, 8C-21D, Southwestern Siberia

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

IDC 09 08:26:27.9±1.1, 01:78Sx161.50E, h0km, mb3.8/6, mbmp3.9/8, ML4.0/2, Error ellipse: s-maj=30.6km s-min=22.2km az=60.0

ISC 09 08:26:32.0±0.9, 01:83S, 01:161.60E, h28km, n16, c189/12, mb3.8/6, Bougainville-Solomon Islands region

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

GAR Garm 18.61 226 P Iamb Iamb 08 30 12.6 -0.4

CHGR Chuayangon 19.40 228 P Iamb Iamb 08 30 21.2 -0.4

NIL Nilore 22.22 213 P 08 30 51.6 -0.5

KBL Kabul 22.95 222 P 08 30 59.6 -0.3

GYA0B ALIBECK ARRAY 25.45 244 P Iamb Iamb 08 31 23.9 +0.4

TIXI Tiksi 25.55 29 P 08 31 24.3 +0.3

SHL Shilong 28.05 171 P 08 31 50.1 +3.1

FINES Fines Array B 32.80 309 P 08 32 28.5 -0.0

AKASC Malin Array Be 35.03 290 P 08 32 47.9 -0.1

JSD Sado 37.81 93 P 08 33 11.2 -0.7

BR131 Keskin Array S 38.50 271 P Iamb Iamb 08 33 16.9 -0.9

MJB9 Matsushiro 38.76 95 P Iamb Iamb 08 33 23.1 +3.2

MAJO Matushiro 38.76 95 P Iamb Iamb 08 33 27.7

BURAR Bucovina Array 38.85 287 P 08 33 20.0 -0.7

NOA NORARS Array B 39.70 312 P 08 33 28.1 +0.6

ILAR Eielson Array 54.93 25 P 08 35 25.8 -0.3

9d 8h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WAKE ISLAND Hy 30.82, Vanda, Songino Array, Mina Array Bea, Makanchi Array, Main Array Bea.

IDD 09 08:32:51.6-0.9, 107.37S:161.09E, h0km, mb4.0/12, mtimp4.0/12, MS3.6/4, Error ellipse: s-maj=22.6km s-min=20.0km az=97.0

NEIC 09 08:32:58.1-1.1, 101.35S:01.160.9E:0.1, h34km,6km, mb4.5/19, Error ellipse: s-maj=20.1km s-min=11.7km az=56.0

ISC 09 08:32:57.5-0.6, 103.25S:07.161.03E:0.09, h35km, n51, c0911/40, mb4.2/20, MS3.6/3, Bougainville-Solomon Islands region

Main table for the 9d 8h section, listing station names, azimuths, phase IDs, times, and residuals for various seismic stations.

2016 DEC

Main table for the 2016 DEC section, listing station names, azimuths, phase IDs, times, and residuals for various seismic stations.

624

Main table for the 624 section, listing station names, azimuths, phase IDs, times, and residuals for various seismic stations.

ATH 09 08:42:42.6, 34.56N:29.13E, h10km,31km, ML3.6/7, Error ellipse: s-maj=31.6km s-min=2.6km az=0.0

ISC 09 08:42:43.9-1.5, 34.74N:0.02:29.09E:0.02, h12km,gkm, n103, c2912/130, Eastern Mediterranean Sea

Table for the 624 section, listing station names, azimuths, phase IDs, times, and residuals for various seismic stations.

U15A	North Rim	93.31	54	P	P	09 23 38.5	+1.7
PKCU	Pink Cliffs	93.49	53	P	P	09 23 38.0	+0.3
TCRU	Big Grassy Mts	93.60	49	P	P	09 23 36.4	-1.5
TCRU	Three Creeks R	93.60	52	P	P	09 23 36.8	-1.2
DUG	Dugway, Toelee	93.62	50	P	P	09 23 39.4	+1.4
TUC	Tucson	93.78	58	P	P	09 23 38.6	-0.1
TUC	Tucson	93.78	58	IAMS_20	IAMS_20	09 56 28.0	
TUC	Tucson	93.78	58	P	P	09 23 38.7	-0.1
KURK	Kurchatov	93.82	321	P	P	09 23 36.7	-1.7
KURK	Kurchatov	93.82	321	IAMS_20	IAMS_20	10 04 20.6	
KURK	Kurchatov	93.82	321	eP	P	09 23 37.0	-1.4
KURB	Kurchatov	93.85	321	P	P	09 23 36.3	-2.2
KURB	Kurchatov	93.85	321	LR	LR	10 06 47.4	
WUAZ	Wupatki	93.87	55	P	P	09 23 37.6	-1.7
HVU	Hansel Valley	93.95	48	IAMB	IAMB	09 23 46.8	
KUU	Kurty	93.95	314	eP	P	09 23 37.5	-1.7
KUU	Kurty	93.95	314	eP	P	09 23 37.5	-1.7
BCYI	Bear Canyon	93.98	46	P	P	09 23 39.2	-0.4
NIL	Nilore	94.47	303	P	P	09 23 40.8	-1.1
NIL	Nilore	94.47	303	P	P	09 23 40.8	-1.1
NIL	Nilore	94.47	303	P	P	09 23 40.8	-1.1
MCMT	McKenzie Canyo	94.47	45	P	P	09 23 41.8	-0.1
WALA	Waterloo Lakes	94.55	41	IAMB	IAMB	09 23 46.9	
C36M	Paulatuk	94.63	20	IAMB	IAMB	09 23 45.1	
C36M	Paulatuk	94.63	20	IAMS_20	IAMS_20	10 02 05.2	
C36M	Paulatuk	94.63	20	P	P	09 23 42.0	+0.3
LRM	Limekiln Ridge	94.93	44	P	P	09 23 44.8	+0.8
AAK	Ala-Archa	95.05	312	eP	P	09 23 42.7	-1.8
A36M	Sachs Harbour	95.11	17	IAMS_20	IAMS_20	10 03 12.8	
A36M	Sachs Harbour	95.11	17	IAMS_20	IAMS_20	10 23 45.4	+1.6
AHID	Auburn Hatcher	95.35	48	IAMS_20	IAMS_20	10 04 53.5	
BOZ	Bozeman (W)	95.45	45	P	P	09 23 47.1	+0.9
BOZ	Bozeman (W)	95.45	45	P	P	09 23 47.7	+1.5
BOZ	Bozeman (W)	95.45	45	P	P	09 23 47.2	+0.9
FWXY	Fox Creek	95.55	47	P	P	09 23 48.6	+1.8
IMW	Indian Meadows	95.65	47	P	P	09 23 48.9	+1.5
MOOW	Moose Ponds	95.77	47	IAMS_20	IAMS_20	10 06 07.5	
LOHW	Long Hollow	95.85	47	IAMS_20	IAMS_20	10 04 52.6	
FLWY	Flag Ranch	95.86	46	IAMS_20	IAMS_20	10 05 27.8	
TROLL	Troll, Antarti	96.19	186	P	P	09 23 49.6	+0.5
BW06	Boulder Array	96.47	48	P	P	09 23 52.3	+1.2
PD31	Pinedale Array	96.47	48	P	P	09 23 49.9	-1.1
PDAR	Pinedale Array	96.47	48	P	P	09 23 51.3	+0.2
YKA	Yellowknife Ar	96.59	28	P	P	09 23 49.5	-1.8
YKA	Yellowknife Ar	96.59	28	P	P	09 23 50.7	-0.5
YKA	Yellowknife Ar	96.59	28	P	P	09 23 50.7	-0.5
RLMT	Red Lodge	97.02	46	P	P	09 23 52.0	-1.4
RLMT	Red Lodge	97.02	46	IAMB	IAMB	09 23 58.2	
RLMT	Red Lodge	97.02	46	IAMS_20	IAMS_20	10 04 15.6	
RLMT	Red Lodge	97.02	46	P	P	09 23 54.4	+0.8
SNAAS	Sanae	97.03	185	P	P	09 23 52.9	+0.1
SNAAS	Sanae	97.03	185	IAMS_20	IAMS_20	10 10 32.4	
SNAAS	Sanae	97.03	185	eP	P	09 23 52.7	-0.2
EGMT	Eagleton	97.10	43	P	P	09 23 54.0	+0.4
EGMT	Eagleton	97.10	43	IAMB	IAMB	09 23 57.2	
EGMT	Eagleton	97.10	43	P	P	09 23 54.7	+1.0
Y22D	IRIS PASSCAL I	97.26	57	IAMS_20	IAMS_20	09 58 34.0	
EPT	El Paso	97.28	59	IAMS_20	IAMS_20	10 00 41.8	
ANMO	Albuquerque	97.76	56	IAMS_20	IAMS_20	09 58 41.1	
ANMO	Albuquerque	97.76	56	eP	P	09 23 54.1	-2.9
ANMO	Albuquerque	97.76	56	eP	P	09 23 54.1	-2.9
SMCO	Snowmass	97.91	52	P	P	09 23 54.8	-3.0
VNA3	Neumayer Watz	97.91	183	P	P	09 23 56.5	-0.3
VNA2	Neumayer-Watz	98.10	184	P	P	09 23 57.7	+0.1
MNTX	Cornudas Mount	98.22	59	IAMS_20	IAMS_20	10 02 19.6	
CHM	Chimkent	98.58	311	eP	P	09 23 59.3	-1.1
CHM	Chimkent	98.58	311	eP	P	09 23 59.2	-1.1
SDCO	Great Sand Dun	98.88	53	IAMS_20	IAMS_20	10 00 14.5	
N23A	Red Feather La	98.90	50	P	P	09 24 02.4	+0.3
BVAR	Borovoye Array	99.22	322	P	P	09 24 00.8	-2.0
BVAR	Borovoye Array	99.22	322	P	P	10 07 58.1	
BRVK	Borovoye	99.28	322	P	P	09 23 59.8	-3.3
BRVK	Borovoye	99.28	322	IAMB	IAMB	09 24 02.4	
BRVK	Borovoye	99.28	322	IAMS_20	IAMS_20	10 07 14.0	
BRVK	Borovoye	99.28	322	eP	P	09 24 01.3	-1.8
PHWY	Pilot Hill	99.31	50	IAMS_20	IAMS_20	10 02 57.6	
LAO	Lajas Array	99.33	44	P	P	09 24 05.2	+1.6
TXAR	Lajitas Array	99.39	62	P	P	09 24 02.5	-1.8
TXAR	Lajitas Array	99.39	62	P	P	09 28 07.9	-0.2
TXAR	Lajitas Array	99.39	62	PKP	PKP	09 24 02.9	+1.0
TXAR	Lajitas Array	99.39	62	PKP	PKP	09 24 02.9	+1.0
TXAR	Lajitas Array	99.39	62	PKP	PKP	09 24 02.9	+1.0
BRIGG	Briggsdale	100.10	50	IAMS_20	IAMS_20	10 02 49.4	

RSSD	Black Hills	100.62	47	IAMS_20	IAMS_20	10 04 06.0	
AMTX	Amarillo	101.65	56	IAMS_20	IAMS_20	10 00 49.3	
OGNE	Ogallala	101.86	50	IAMS_20	IAMS_20	10 05 16.0	
FFC	Flin Flon	102.51	36	IAMS_20	IAMS_20	10 04 00.7	
JCT	Junction City	102.84	61	IAMS_20	IAMS_20	10 01 32.3	
CBKS	Cedar Bluff	103.49	53	IAMS_20	IAMS_20	10 03 43.4	
WMOK	Wichita Mountains	104.02	57	IAMS_20	IAMS_20	10 03 53.0	
OK035	E0210 Rd and N	104.19	55	IAMS_20	IAMS_20	10 03 36.3	
OK032	Salt Plains WL	104.59	55	IAMS_20	IAMS_20	10 03 16.0	
435B	Jewell Farm	104.77	61	IAMS_20	IAMS_20	10 03 57.3	
MSEY	Mahe Island	104.79	262	IAMS_20	IAMS_20	10 12 22.8	
OK029	Liberty Lake R	105.16	56	IAMS_20	IAMS_20	10 22 17.0	
OK025	Westminster Rd	105.25	56	IAMS_20	IAMS_20	10 04 54.3	
OK040	Pawnee Station	105.57	55	IAMS_20	IAMS_20	10 03 46.7	
OK045	Pawnee Station	105.61	55	IAMS_20	IAMS_20	10 04 32.0	
OK046	Pawnee Station	105.63	55	IAMS_20	IAMS_20	10 03 11.3	
OK031	S. Brethren Rd	105.67	56	IAMS_20	IAMS_20	10 14 46.4	
OK052	Battle Ridge R	105.70	56	IAMS_20	IAMS_20	10 16 44.2	
OK030	Cody Creek RV	105.71	56	IAMS_20	IAMS_20	10 14 11.6	
OK050	SW of W Deep R	105.71	56	IAMS_20	IAMS_20	10 16 44.6	
ECSD	EROS Data Cent	105.97	48	IAMS_20	IAMS_20	10 11 03.4	
AGMM	Agassiz Nation	106.39	43	IAMS_20	IAMS_20	10 07 04.3	
VOI	Voihtosa	108.20	243	IAMS_20	IAMS_20	10 08 20.7	
MIAR	Mount Ida	108.30	57	IAMS_20	IAMS_20	10 05 45.4	
SCIA	State Center	108.50	49	IAMS_20	IAMS_20	10 13 04.8	
ABPO	Ambohimpamon	108.77	246	IAMS_20	IAMS_20	10 11 40.0	
EYMN	Ely	109.34	43	IAMS_20	IAMS_20	10 09 39.1	
CCM	Cathedral Cave	110.15	53	IAMS_20	IAMS_20	10 02 49.8	
JFWS	Jewell Farm	110.64	48	IAMS_20	IAMS_20	10 24 56.2	
COWI	Conover	111.13	45	IAMS_20	IAMS_20	10 23 08.8	
PLAL	Pickwick Lake	112.82	57	IAMS_20	IAMS_20	10 20 06.0	
WWT	Waverly	112.96	55	IAMS_20	IAMS_20	10 20 50.6	
ARCES	ARCCESS Array B	115.03	344	PKP	PKP	09 28 59.9	-1.8
P52A	Corning	117.09	51	IAMS_20	IAMS_20	10 12 22.2	
RAYN	Ar Rayn	117.99	291	IAMS_20	IAMS_20	10 26 03.9	
KIV	Kislovodsk	118.10	314	iPKIP	PKP	09 29 07.1	-1.3
KIV	Kislovodsk	118.10	314	MLR	MLR	10 21 19.2	
OBN	Obninsk	118.42	328	iPKIP	PKP	09 29 07.7	-0.8
OBN	Obninsk	118.42	328	PKP	PKP	09 29 07.7	-0.8
BLA	Blacksburg	118.78	53	IAMS_20	IAMS_20	10 21 19.2	
FINES	FINES Array B	119.99	337	PKP	PKP	09 29 09.9	-1.5
SOC	Sochi	120.28	314	iPKIP	PKP	09 29 09.2	-3.3
SOC	Sochi	120.28	314	ePPP	PPP	09 30 58.7	
SOC	Sochi	120.28	314	eSS	SS	09 47 02.4	-1.4
SOC	Sochi	120.28	314	eSSS	SSS	09 51 28.4	
SCHO	Schefferville	122.00	31	PKP	PKP	09 29 13.3	-2.2
KIBK	Kibik	122.25	260	IAMS_20	IAMS_20	10 18 36.7	
BOSA	Boshof	122.35	226	PKP	PKP	09 29 16.0	-1.2
CZSB	Cruzeiro do S	122.99	107	PKP	PKP	09 29 18.1	-0.5
MNK	Minsk	123.15	330	iPKIP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	PKP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	iPKIP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	PKP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	iPKIP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	PKP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	iPKIP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	PKP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	iPKIP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	PKP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	iPKIP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	PKP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	iPKIP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	PKP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	iPKIP	PKP	09 29 15.8	-1.9
MNK	Minsk	123.15	330	PKP			

Table with columns for station name, frequency, mode, and signal strength. Includes stations like NWA0 Narogin (SRO), NWA0 Narogin (SRO), NWA0 Narogin (SRO), etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like Windy Ridge, Jstn Ridge, Sugar Bowl, etc.

Table with columns: SAW, Saint Andrews, Dyer Hill, etc. Lists stations and their coordinates and phases.

Table with columns: MGB, OCP, PFB, etc. Lists stations and their coordinates and phases.

HDIL	comp-Z,24nm,0.8s	I	Amb	I	Amb	10	12	04.3	OGNE	comp-Z,36nm,1.2s	I	Amb	I	Amb	10	12	29.1	J59A	Pieso	33.74	19	P	P	10	12	45.8	-1.6				
HDIL	Hopedale	28.48	359	P	P			10	11	60.0	-1.0	OGNE	Ogallala	31.11	340	P	P	10	12	24.2	-0.2	HEC	Hector	33.78	317	P	P	10	12	49.6	+1.7
HDIL	Hopedale	28.48	359	P	P			10	11	59.5	-1.5	ETMB	Extrema	31.20	133	P	P	10	12	24.8	-0.5	K62A	Royalston	33.82	22	P	P	10	12	48.5	+0.5
TUC	Tucson	28.59	319	P	P			10	12	01.1	-1.0	ETMB	Extrema	31.20	133	eP	P	10	12	24.6	-0.7	TCRU	Three Creeks R	33.85	326	P	P	10	12	50.0	+1.4
TUC	Tucson	28.59	319	P	P			10	12	00.8	-1.3	ISCO	Idaho Springs	31.45	335	P	P	10	12	27.9	+0.3	TCRU	Three Creeks R	33.85	326	P	P	10	12	50.7	+1.5
TUC	Tucson	28.59	319	P	P			10	12	01.1	-1.0	ISCO	Idaho Springs	31.45	335	P	P	10	12	27.3	-0.3	BBRC	Big Bear Solar	33.86	316	P	P	10	12	50.6	+1.9
TUC	Tucson	28.59	319	P	P			10	12	01.1	-1.0	ISCO	Idaho Springs	31.45	335	P	P	10	12	27.3	-0.3	TUQ	Turquoise Moun	33.87	318	P	P	10	12	50.0	+1.3
ACSO	Alum Creek Sta	28.62	9	I	Amb	I	Amb	10	12	05.7		BRIGG	Briggsdale	31.60	337	P	P	10	12	29.5	+0.7	F36A	Milaca	34.02	354	P	P	10	12	48.4	-1.3
ACSO	Alum Creek Sta	28.62	9	P	P			10	12	01.6	-0.7	BRIGG	Briggsdale	31.60	337	P	P	10	12	29.0	+0.0	F36A	Milaca	34.02	354	P	P	10	12	48.4	-1.3
N41A	Harden Midland	28.69	357	P	P			10	12	01.5	-1.3	PV13	Radium Min.	31.61	329	P	P	10	12	29.9	+0.9	F36A	Milaca	34.02	354	P	P	10	12	47.9	-1.8
N41A	Harden Midland	28.69	357	P	P			10	12	01.6	-1.2	GLA	Glamis	31.73	316	P	P	10	12	31.5	+1.6	COWI	Conover	34.02	360	P	P	10	12	48.1	-1.6
MCWV	Mont Chateau	28.71	15	P	P			10	12	02.6	-0.4	GLA	Glamis	31.73	316	P	P	10	12	31.6	+1.6	SHPR	Sheep Range	34.04	320	P	P	10	12	52.3	+2.1
MCWV	Mont Chateau	28.71	15	P	P			10	12	02.6	-0.4	GLA	Glamis	31.73	316	P	P	10	12	31.5	+1.6	SHPR	Sheep Range	34.04	320	P	P	10	12	52.9	+1.2
MCWV	Mont Chateau	28.71	15	P	P			10	12	02.5	-0.4	GLA	Glamis	31.73	316	P	P	10	12	31.5	+1.6	K22A	Casper	34.23	337	P	P	10	12	51.2	-0.5
T25A	Trinidad	28.71	333	P	P			10	12	03.6	+0.3	K31A	O'Neill	31.74	346	P	P	10	12	29.8	-0.1	J61A	Chester	34.30	21	I	Amb	10	12	56.3	
T25A	Trinidad	28.71	333	P	P			10	12	02.7	-0.6	MACA	Manacapur-u-AM	31.76	117	P	P	10	12	29.6	-0.6	E43A	Lone Tree Farm	34.33	2	P	P	10	12	50.9	-1.5
O52A	Adamsville	28.71	11	P	P			10	12	02.5	-0.5	MACA	Manacapur-u-AM	31.76	117	eP	P	10	12	29.0	-0.6	BFS	Mount Baldy Ra	34.35	315	P	P	10	12	54.0	+1.1
O52A	Adamsville	28.71	11	P	P			10	12	02.4	-0.6	MACA	Manacapur-u-AM	31.76	117	eP	P	10	12	27.8	-2.5	F33A	5 Mile Ranch	34.35	351	P	P	10	12	50.6	-2.0
O52A	Adamsville	28.71	11	P	P			10	12	02.4	-0.6	PAL	Palisades	31.76	22	P	P	10	12	30.1	+0.1	F33A	5 Mile Ranch	34.35	351	P	P	10	12	51.5	
O53A	New Philadelph	28.96	12	I	Amb	I	Amb	10	12	08.9		I42A	Dræger Farm	31.81	360	I	Amb	10	12	34.4		F33A	5 Mile Ranch	34.35	351	P	P	10	12	50.8	-1.8
O53A	New Philadelph	28.96	12	P	P			10	12	04.9	-0.4	I40A	Norwalk	31.85	358	I	Amb	10	12	33.2		GSC	Goldstone, Bar	34.37	317	P	P	10	12	51.9	-1.1
N38A	Joës South For	28.98	353	I	Amb	I	Amb	10	12	09.8		PV10	Paradox Valley	31.88	329	P	P	10	12	30.0	-1.4	GSC	Goldstone, Bar	34.37	317	P	P	10	12	52.2	-0.4
N38A	Joës South For	28.98	353	I	Amb	I	Amb	10	12	09.8		BLVC	Blayth	31.94	317	P	P	10	12	31.5	-0.1	GSC	Goldstone, Bar	34.37	317	P	P	10	12	54.5	+1.5
P57A	Homestead Farm	29.04	17	P	P			10	12	06.4	+0.4	BLVC	Blayth	31.94	317	P	P	10	12	34.0		GSC	Goldstone, Bar	34.37	317	P	P	10	12	51.9	-1.1
P57A	Homestead Farm	29.04	17	P	P			10	12	06.4	+0.4	PDMCI	Parker Dam, Lak	32.02	318	P	P	10	12	32.4	+0.0	GSC	Goldstone, Bar	34.37	317	P	P	10	12	52.8	-0.4
P57A	Homestead Farm	29.04	17	P	P			10	12	06.5	+0.6	I45A	Mountain	32.03	4	P	P	10	12	33.6	+1.3	GSC	Goldstone, Bar	34.37	317	P	P	10	12	54.5	+1.5
O54A	Avella	29.08	13	P	P			10	12	06.0	-0.3	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	35.1	+2.2	GSC	Goldstone, Bar	34.37	317	P	P	10	12	51.9	-1.1
N49A	Columbus Grove	29.13	7	P	P			10	12	05.5	-1.3	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		SHOC	Shoshone, Tec	34.38	318	P	P	10	12	54.3	+1.3
N49A	Columbus Grove	29.13	7	P	P			10	12	05.3	-1.4	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		CIS	Catalina Islan	34.44	313	P	P	10	12	53.9	+0.4
N49A	Columbus Grove	29.13	7	P	P			10	12	05.3	-1.4	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		MPU	Mason Canyon	34.44	328	P	P	10	12	54.4	+0.7
SDMD	Soldier's Deli	29.33	19	P	P			10	12	08.5	0.0	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		PRN	Pahroc Range	34.55	322	P	P	10	12	53.7	-0.9
SDMD	Soldier's Deli	29.33	19	P	P			10	12	08.6	0.0	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		PSUT	Pine Spring	34.59	324	P	P	10	12	56.8	+1.8
N51A	Ashland	29.39	10	P	P			10	12	08.4	-0.7	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		E38A	The Farm, Brul	34.60	357	P	P	10	12	53.5	-1.2
N51A	Ashland	29.39	10	P	P			10	12	08.4	-0.7	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		RSSD	Black Hills	34.62	341	P	P	10	12	54.9	-0.2
N35A	Tabor	29.40	349	P	P			10	12	08.3	-0.8	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		RSSD	Black Hills	34.62	341	P	P	10	12	54.9	-0.2
N35A	Tabor	29.40	349	P	P			10	12	08.3	-0.8	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		RSSD	Black Hills	34.62	341	P	P	10	12	55.3	+0.2
KSCO	Kaye Shedlock	29.60	338	I	Amb	I	Amb	10	12	15.7		MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		RSSD	Black Hills	34.62	341	P	P	10	12	54.9	-0.2
KSCO	Kaye Shedlock	29.60	338	P	P			10	12	10.9	-0.2	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		RSSD	Black Hills	34.62	341	P	P	10	12	55.3	+0.2
KSCO	Kaye Shedlock	29.60	338	P	P			10	12	10.4	-0.6	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		RSSD	Black Hills	34.62	341	P	P	10	12	54.9	-0.2
BOAV	Boa Vista	29.62	107	P	P			10	12	10.8	-0.6	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		RSSD	Black Hills	34.62	341	P	P	10	12	55.3	+0.2
BOAV	Boa Vista	29.62	107	P	P			10	12	10.8	-0.6	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		RSSD	Black Hills	34.62	341	P	P	10	12	54.9	-0.2
BOAV	Boa Vista	29.62	107	P	P			10	12	10.8	-0.6	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		RSSD	Black Hills	34.62	341	P	P	10	12	55.3	+0.2
BOAV	Boa Vista	29.62	107	P	P			10	12	10.8	-0.6	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		RSSD	Black Hills	34.62	341	P	P	10	12	54.9	-0.2
BOAV	Boa Vista	29.62	107	P	P			10	12	10.8	-0.6	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		RSSD	Black Hills	34.62	341	P	P	10	12	55.3	+0.2
N33B	J Bar K, Exete	29.65	107	eP	P			10	12	09.1	-2.2	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		RSSD	Black Hills	34.62	341	P	P	10	12	54.9	-0.2
SDCO	Great Sand Dun	29.69	333	P	P			10	12	12.5	+0.4	MMNV	Mt. Morris Dam	32.09	15	P	P	10	12	36.4		RSSD	Black Hills	34.62	341	P	P	10	12	55.3	+0.2

EGAK	Eagle	63.74 338	P	P	10 16 37.1	-0.1	TRF	Thorofare Moun	66.79 335	P	Iamb	P	10 16 57.1	-0.1
A36M	Sachs Harbour	63.85 348	P	Iamb	10 16 36.5	-1.2	TRF	Thorofare Moun	66.79 335	P	Iamb	P	10 16 56.8	-0.4
A36M	Sachs Harbour	63.85 348	P	P	10 16 35.8	-1.9	SPU	Mount Spurr	66.81 332	P	P	P	10 16 57.6	+0.5
DIV	Divide	63.95 333	P	P	10 16 39.9	+1.3	SKT	Skwentna	66.83 333	P	P	P	10 16 57.5	+0.2
DIV	Divide	63.95 333	P	Iamb	10 16 40.8		SKT	Skwentna	66.83 333	P	P	P	10 16 57.0	-0.2
KLU	Klutina	64.17 333	P	P	10 16 40.5	+0.4	N20K	Spurr Chakacha	66.89 332	P	P	P	10 16 57.9	+0.2
KLU	Klutina	64.14 336	P	P	10 16 40.2	+0.1	SPCR	Spurr Chakacha	66.89 332	P	P	P	10 16 57.8	+0.1
HARP	HAARP	64.22 335	P	P	10 16 40.5	+0.2	P19K	Oil Pt	66.91 330	P	P	P	10 16 58.0	+0.2
DOT	Dot Lake	64.32 336	P	Iamb	10 16 41.2	+0.2	E25K	Arctic Village	66.91 340	P	P	P	10 16 58.1	+0.4
DOT	Dot Lake	64.32 336	P	Iamb	10 16 43.5		R50	Redoubt South	66.92 331	P	P	P	10 16 58.7	+0.7
I27K	Kandik River	64.33 338	P	P	10 16 41.5	+0.4	G24K	Hadweezic River	66.95 338	P	P	P	10 16 58.1	+0.1
SCRK	Sand Creek	64.44 336	P	P	10 16 43.1	+1.2	ILSW	Ilamna Southw	66.96 331	P	Iamb	Iamb	10 16 59.3	
SCRK	Sand Creek	64.44 336	P	P	10 16 42.1	+0.2	ILSW	Ilamna Southw	66.96 331	P	Iamb	Iamb	10 16 59.3	
J26L	Joseph Creek	64.52 337	Iamb	Iamb	10 16 44.6		I23K	Minto, Yukon-K	67.04 336	P	Iamb	Iamb	10 16 58.8	+0.3
J26L	Joseph Creek	64.52 337	P	P	10 16 42.5	+0.1	I23K	Minto, Yukon-K	67.04 336	P	Iamb	Iamb	10 17 00.3	
P6X	Paxson	64.59 335	P	P	10 16 42.5	-0.3	I23K	Minto, Yukon-K	67.04 336	P	P	P	10 16 58.4	-0.1
H27K	Steamboat Moun	64.62 339	P	P	10 16 42.6	-0.4	C27K	Jago River	67.07 342	P	P	P	10 16 58.4	-0.1
SCM	Sheep Creek Mo	64.92 333	P	P	10 16 45.0	0.0	KTH	Kantishna Hill	67.09 335	P	Iamb	Iamb	10 16 59.4	+0.4
G27K	Doyon Strip	64.96 340	P	P	10 16 44.7	-0.4	KTH	Kantishna Hill	67.09 335	P	Iamb	Iamb	10 16 60.0	
PWL	Port Wells	65.00 332	P	P	10 16 44.8	-0.7	BPWW	Bear Paw Mtn.	67.31 335	P	P	P	10 17 00.4	+0.2
ICESG	Greenland Ices	65.05 17	iP	Iamb	10 16 43.2	-2.8	H23K	Yukon River	67.37 337	P	P	P	10 17 00.9	+0.3
ICESG	Greenland Ices	65.05 17	iP	Iamb	10 16 48.5		SUMG	Summit	67.39 15	iP	Iamb	Iamb	10 16 58.9	-2.2
K24K	Donnelly Dome	65.07 336	P	P	10 16 45.6	-0.4	SUMG	Summit	67.39 15	iP	Iamb	Iamb	10 17 04.7	
M23K	Glacier View	65.08 333	P	P	10 16 46.0	0.0	PPLA	Purkeypile	67.41 334	P	Iamb	Iamb	10 17 00.9	-0.2
SEW	Seward	65.24 331	P	P	10 16 47.1	0.0	PPLA	Purkeypile	67.41 334	P	Iamb	Iamb	10 17 02.1	
KNK	Knik Glacier	65.26 333	P	P	10 16 47.5	+0.3	PPLA	Purkeypile	67.41 334	P	Iamb	Iamb	10 17 01.0	-0.1
SML	Sawmill	65.35 333	P	P	10 16 47.9	+0.1	F24K	Squaw Lake	67.44 339	P	P	P	10 17 01.4	+0.3
WAT6	Susitna Watana	65.39 334	P	P	10 16 48.5	+0.4	M20K	Styx River	67.52 332	P	Iamb	Iamb	10 17 01.6	-0.1
DHY	Denali Highway	65.43 335	P	P	10 16 48.6	+0.2	M20K	Styx River	67.52 332	P	Iamb	Iamb	10 17 02.9	
TULEG	Thule	65.44 5	P	P	10 16 47.4	-0.6	M20K	Styx River	67.52 332	P	Iamb	Iamb	10 17 01.4	-0.3
O22K	Cooper Landing	65.50 332	P	P	10 16 49.2	+0.6	Q18K	Katmai Hardscr	67.53 329	P	P	P	10 17 01.8	-0.1
O22K	Cooper Landing	65.50 332	P	P	10 16 48.6	-0.1	CAST	Castle Rocks	67.54 334	P	Iamb	Iamb	10 17 01.4	-0.3
GHO	Glory Hole Cre	65.59 333	P	P	10 16 49.7	+0.3	CAST	Castle Rocks	67.54 334	P	Iamb	Iamb	10 17 01.4	-0.3
PMR	Palmer	65.62 333	P	P	10 16 50.2	+0.8	MLY	Manley	67.54 336	P	Iamb	Iamb	10 17 01.7	-0.1
PMR	Palmer	65.62 333	P	P	10 16 49.4	0.0	MLY	Manley	67.54 336	P	Iamb	Iamb	10 17 03.0	
PMR	Palmer	65.62 333	P	pmax	10 16 50.3	+0.8	MLY	Manley	67.54 336	P	Iamb	Iamb	10 17 01.2	-0.6
E27K	Coleen River	65.65 341	P	P	10 16 49.5	-0.1	C26K	Camden Bay	67.55 342	P	P	P	10 17 02.1	+0.5
RC01	Rabbit Creek A	65.72 332	P	P	10 16 51.0	+0.9	O19K	Port Alsworth	67.59 331	P	P	P	10 17 01.9	-0.1
RC01	Rabbit Creek A	65.72 332	P	P	10 16 50.3	+0.2	O19K	Port Alsworth	67.59 331	P	P	P	10 17 01.9	-0.1
PRP	Porcupine Dome	65.72 338	P	P	10 16 49.6	-0.6	D25K	Kavik River	67.72 341	P	P	P	10 17 02.6	-0.2
BRSE	Bradley Lake S	65.74 331	P	P	10 16 49.7	-0.6	CHUM	Lake Minchum	67.79 335	P	P	P	10 17 03.0	-0.3
G26K	Porcupine River	65.76 339	P	P	10 16 49.7	-0.6	P18K	Big Mountain,	67.82 330	P	P	P	10 17 03.4	-0.2
HDA	Harding Lake	65.79 336	P	Iamb	10 16 50.5	0.0	N19K	Bonanza Creek	67.83 331	P	P	P	10 17 03.8	+0.1
HDA	Harding Lake	65.79 336	P	Iamb	10 16 51.9		G23K	Bonanza Creek	67.88 338	P	P	P	10 17 04.6	+0.7
HDA	Harding Lake	65.79 336	P	P	10 16 49.9	-0.6	O17K	Contact Creek	67.88 328	P	P	P	10 17 04.3	+0.2
BRLK	Bradley Lake	65.81 331	P	P	10 16 51.3	+0.5	O18K	Koktuh Hills	67.93 330	P	P	P	10 17 04.5	+0.2
WAT1	Susitna Watana	65.83 334	P	P	10 16 51.0	+0.1	O18K	Koktuh Hills	67.93 330	P	P	P	10 17 04.3	+0.1
CNPM	China Poot	65.91 330	P	P	10 16 52.1	+0.8	R17K	Ugashik Creek	68.00 328	P	P	P	10 17 05.2	+0.5
IL31	Ilak	65.92 337	P	Iamb	10 16 51.1	-0.2	L20K	Farewell, AK	68.03 333	P	P	P	10 17 04.6	-0.2
ILAR	Eielson Array	65.92 337	P	P	10 16 50.6	-0.7	I21K	Tanana	68.08 336	P	Iamb	Iamb	10 17 04.5	-0.5
ILAR	Eielson Array	65.92 337	P	P	10 16 51.1	-0.3	I21K	Tanana	68.08 336	P	Iamb	Iamb	10 17 04.2	-0.9
ILAR	Eielson Array	65.92 337	P	P	10 16 51.1	-0.3	H22K	Ishlitalna Cre	68.09 337	P	P	P	10 17 05.3	+0.1
KDAK	Kodiak Island	66.06 328	P	P	10 16 52.5	+0.2	M19K	Big River Lodg	68.09 332	P	Iamb	Iamb	10 17 05.5	+0.3
KDAK	Kodiak Island	66.06 328	P	LR	10 16 52.2	0.0	M19K	Big River Lodg	68.09 332	P	Iamb	Iamb	10 17 06.5	
KDAK	Kodiak Island	66.06 328	iP	LR	10 16 52.4	0.0	M19K	Big River Lodg	68.09 332	P	Iamb	Iamb	10 17 04.9	-0.4
KDAK	Kodiak Island	66.06 328	iP	LR	10 16 52.4	0.0	EUNU	Eureka	68.11 0	P	P	P	10 17 04.5	-0.6
RND	Reindeer	66.17 335	P	P	10 16 53.5	+0.4	COLD	Coldfoot	68.14 338	Iamb	Iamb	Iamb	10 17 08.2	
RND	Reindeer	66.17 335	P	P	10 16 53.5	+0.4	COLD	Coldfoot	68.14 338	Iamb	Iamb	Iamb	10 17 08.2	
RND	Reindeer	66.17 335	P	pmax	10 16 53.5	+0.4	E23K	Chandalar	68.26 339	P	P	P	10 17 05.9	+0.5
CCB	Clear Creek Bu	66.23 336	P	P	10 16 53.2	-0.1	NEEM	North Greenlan	68.27 8	iP	Iamb	Iamb	10 17 06.6	+0.4
F26K	Sheenjek River	66.24 340	P	P	10 16 53.3	-0.1	NEEM	North Greenlan	68.27 8	iP	Iamb	Iamb	10 17 06.1	
WRH	Wood River Hill	66.27 336	Iamb	Iamb	10 16 54.4		K20K	Telida	68.37 334	P	P	P	10 17 06.7	-0.3
OHAK	Old Harbor	66.27 328	P	P	10 16 54.2	+0.5	O16K	King Salmon	68.37 329	P	P	P	10 17 07.4	+0.4
POKR	Poker Plat Res	66.28 337	Iamb	Iamb	10 16 55.0		L19K	White Mountain	68.38 333	Iamb	Iamb	Iamb	10 17 07.9	
POKR	Poker Plat Res	66.28 337	P	P	10 16 53.3	-0.4	L19K	White Mountain	68.38 333	Iamb	Iamb	Iamb	10 17 06.6	-0.5
SUA	Susitna One	66.30 332	Iamb	Iamb	10 16 55.2		P17K	Kvichak River	68.38 329	P	P	P	10 17 06.6	-0.4
SUA	Susitna One	66.30 332	P	P	10 16 53.8	-0.3	SVW2	Sparrowohn	68.43 331	Iamb	Iamb	Iamb	10 17 07.5	
MCK	McKinley	66.33 335	Iamb	Iamb	10 16 55.5		TOLK	Toolik Lake Re	68.48 340	P	P	P	10 17 07.8	+0.2
MCK	McKinley	66.33 335	Iamb	Iamb	10 16 55.5		TOLK	Toolik Lake Re	68.48 340	P	P	P	10 17 12.6	
MCK	McKinley	66.33 335	P	P	10 16 54.1	+0.1	TOLK	Toolik Lake Re	68.48 340	P	P	P	10 17 08.0	+0.4
H21K	Melozitna Riv	68.57 336	P	P	10 17 07.5	-0.7	H21K	Melozitna Riv	68.57 336	P	P	P	10 17 07.5	-0.7
H21K	Melozitna Riv	68.57 336	P	P	10 16 55.1		H21K	Melozitna Riv	68.57 336	P	P	P	10 17 08.0	-0.1
COLA	Colleg	66.34 336	P	P	10 16 53.4	-0.6	C24K	Franklin Bluff	68.64 341	P	P	P	10 17 08.6	+0.2
COLA	Colleg	66.34 336	P	pmax	10 16 53.6	-0.4	J20K	Nowitza River	68.64 335	P	Iamb	Iamb	10 17 08.5	-0.1
COLA	Colleg	66.34 336	P	pmax	10 16 53.6	-0.4	J20K	Nowitza River	68.64 335	P	Iamb	Iamb	10 17 09.6	
COLA	Colleg	66.34 336	P	pmax	10 16 53.4	-0.6	J20K	Nowitza River	68.64 335	P	Iamb	Iamb	10 17 08.6	-0.1
COLA	Colleg	66.34 336	P	pP	10 17 04.4	+0.1	O17K	Koliganek Bris	68.84 330	P	P	P	10 17 10.1	+0.2
COLA	Colleg	66.34 336	P	pP	10 17 04.4	+0.1	F22K	John River	68.96 338	P	P	P	10 17 10.9	+0.3
COLA	Colleg	66.34 336	P	pP	10 16 55.1		D23K	Nanushuk River	68.98 340	P	P	P	10 17 11.0	+0.4
COLA	Colleg	66.34 336	P	pP	10 16 55.1		E22K	Anaavuyuk Pass	69.05 339	P	P	P	10 17 11.2	0.0
COLA	Colleg	66.34 336	P	pP	10 16 55.1		TTA	Tatalina	69.10 333	P	Iamb	Iamb		

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

NEIC 09 10:35:50.2±1.7, 10.66S:0.08:161.5E:0.1, h39km, 9km, mb4.1/13, Error ellipse: s-maj=15.1km s-min=11.1km az=74.0

ISC 09 10:35:50.1±0.7, 10.77S:0.09:161.5E:0.1, h35km, n25, 1941/27, mb4.0/11, Bougainville-Solomon Islands region

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

JMA 09 10:55:08.9±0.1, 24.2N:0.3:122.8E:0.1, h13km, MV2.4/11, NW OFF ISHIGAKIUMA IS

TAP 09 10:55:08.6±24.25N:122.77E, h14km, ML2.8, C

ISC 09 10:55:08.7±0.9, 24.23N:0.03:122.77E:0.02, h16km, 7km, n63, 0968/104, Taiwan region

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

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

NNC 09 10:56:19.3±4.8, 44.26N:83.04E, h0km, mb2.7, mpv2.3, Error ellipse: s-maj=46.3km s-min=15.0km az=119.0

SOME 09 10:56:20.5, 44.25N:83.08E, h20km

ISC 09 10:56:22.8±2.2, 44.31N:0.08:83.0E:0.1, h17km, n10, 092/17, 2C-40, Northern Xinjiang region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Jarkent, DJR, MK31, etc.

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

IDC 09 11:17:30.3±1.7, 10.73S:161.64E, h0km, mb3.6/5, mbtmp3.6/5, ML5.9/1, MS4.2/1, Error ellipse: s-maj=35.1km s-min=31.2km az=128.0

NEIC 09 11:17:32.9±2.0, 10.86S:0.10:161.5E:0.1, h30km, 11km, mb4.2/9, Error ellipse: s-maj=17.5km s-min=11.4km az=49.0

ISC 09 11:17:32.9±0.8, 10.91S:0.10:161.5E:0.1, h28km, n29, 1961/23, mb3.8/9, Bougainville-Solomon Islands region

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

IDC 09 11:19:50.7±1.1, 10.59S:161.86E, h0km, mb3.8/7, mbtmp3.9/9, ML4.0/2, Error ellipse: s-maj=28.5km s-min=24.8km az=167.0

NEIC 09 11:19:52.2±1.4, 10.65S:0.1:161.87E:0.08, h10km, 1km, mb4.1/10, Error ellipse: s-maj=24.3km s-min=4.3km az=30.0

ISC 09 11:19:52.1±0.7, 10.61S:0.09:161.84E:0.09, h10km, n25, 098/27, mb3.9/12, Bougainville-Solomon Islands region

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

NOU 09 11:45:49.1, 18.48S:177.61W, h566km, MLV4.3/7, Fiji Islands Region
IDC 09 11:45:49.6:1.0, 18.28S:177.88W, h550km, 14km, mb3.5/7, mbmp4.3/1.0, Error ellipse: s-maj=57.1km s-min=18.3km az=145.0

NEIC 09 11:45:50.7, 18.35S:0.2:177.72W:0.08, h562km, 15km, mb4.2/18, Error ellipse: s-maj=36.5km s-min=3.0km az=163.0

ISC 09 11:45:49.3:0.8, 18.45S:0.2:177.8W:0.1, h550km, n37, r1501/40, mb4.3/1.4, Fiji Islands Region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Tubou, Taveuni, DGTI, Nonsavu, etc.

NOU 09 11:52:39.9, 17.33S:178.80E, h324km, mb4.8/10, Fiji Islands, Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Futu, RTV, DVP, etc.

NOU 09 12:08:54.6, 15.36S:167.42E, h99km, MLV4.0/9, Vanuatu Islands, Vanuatu Islands

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

IDC 09 12:17:07.2:0.9, 10.16S:161.34E, h0km, mb4.1/11, mbmp4.1/13, ML3.7/2, MS3.5/8, Error ellipse: s-maj=23.2km s-min=18.9km az=111.0

NEIC 09 12:17:14.8:1.3, 10.5S:0.1:161.3E:0.1, h33km, 6km, mb4.6/29, Error ellipse: s-maj=20.9km s-min=11.3km az=58.0

ISC 09 12:17:13.6:0.6, 10.53S:0.08:161.25E:0.09, h35km, n55, r1925/52, mb4.4/26, MS3.5/6, Bougainville-Solomon Islands region

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

comp=Z,0.3nm,0.6s,baz=73,slow=3.4,SNR=3.3

WRA Warramunga Arr 27.56 247 P P 12 22 58.1 +0.6
STKA Stephens Creek 27.96 218 P P 12 22 58.3 -2.6

STKA Stephens Creek 27.96 218 P P 12 23 42.5

comp=Z,2.09nm,18.4s,baz=22,slow=36

STKA Stephens Creek 27.96 218 P P 12 23 02.0 +1.1

AS31 Alice Springs 29.15 240 P P 12 23 10.7 -0.9

ASAR Alice Springs 29.15 240 P P 12 23 10.0 -1.7

ASAR Alice Springs 29.15 240 P P 12 23 46.9

ASAR Alice Springs 29.15 240 P P 12 23 12.7 +1.0

ASAR Alice Springs 29.15 240 P P 12 23 36.7 +0.4

ASAR Alice Springs 29.15 240 P P 12 23 38.1

ASAR Alice Springs 29.15 240 P P 12 23 37.7 +0.3

ASAR Alice Springs 29.15 240 P P 12 23 38.9

ASAR Alice Springs 29.15 240 P P 12 23 12.7 +1.0

ASAR Alice Springs 29.15 240 P P 12 23 36.7 +0.4

ASAR Alice Springs 29.15 240 P P 12 23 38.1

ASAR Alice Springs 29.15 240 P P 12 23 37.7 +0.3

ASAR Alice Springs 29.15 240 P P 12 23 38.9

ASAR Alice Springs 29.15 240 P P 12 23 12.7 +1.0

ASAR Alice Springs 29.15 240 P P 12 23 36.7 +0.4

ASAR Alice Springs 29.15 240 P P 12 23 38.1

ASAR Alice Springs 29.15 240 P P 12 23 37.7 +0.3

ASAR Alice Springs 29.15 240 P P 12 23 38.9

ASAR Alice Springs 29.15 240 P P 12 23 12.7 +1.0

ASAR Alice Springs 29.15 240 P P 12 23 36.7 +0.4

ASAR Alice Springs 29.15 240 P P 12 23 38.1

ASAR Alice Springs 29.15 240 P P 12 23 37.7 +0.3

ASAR Alice Springs 29.15 240 P P 12 23 38.9

ASAR Alice Springs 29.15 240 P P 12 23 12.7 +1.0

ASAR Alice Springs 29.15 240 P P 12 23 36.7 +0.4

ASAR Alice Springs 29.15 240 P P 12 23 38.1

ASAR Alice Springs 29.15 240 P P 12 23 37.7 +0.3

ASAR Alice Springs 29.15 240 P P 12 23 38.9

ASAR Alice Springs 29.15 240 P P 12 23 12.7 +1.0

ASAR Alice Springs 29.15 240 P P 12 23 36.7 +0.4

ASAR Alice Springs 29.15 240 P P 12 23 38.1

ASAR Alice Springs 29.15 240 P P 12 23 37.7 +0.3

ASAR Alice Springs 29.15 240 P P 12 23 38.9

ASAR Alice Springs 29.15 240 P P 12 23 12.7 +1.0

ASAR Alice Springs 29.15 240 P P 12 23 36.7 +0.4

ASAR Alice Springs 29.15 240 P P 12 23 38.1

ASAR Alice Springs 29.15 240 P P 12 23 37.7 +0.3

ASAR Alice Springs 29.15 240 P P 12 23 38.9

ASAR Alice Springs 29.15 240 P P 12 23 12.7 +1.0

ASAR Alice Springs 29.15 240 P P 12 23 36.7 +0.4

ASAR Alice Springs 29.15 240 P P 12 23 38.1

ASAR Alice Springs 29.15 240 P P 12 23 37.7 +0.3

ASAR Alice Springs 29.15 240 P P 12 23 38.9

ASAR Alice Springs 29.15 240 P P 12 23 12.7 +1.0

ASAR Alice Springs 29.15 240 P P 12 23 36.7 +0.4

ASAR Alice Springs 29.15 240 P P 12 23 38.1

ASAR Alice Springs 29.15 240 P P 12 23 37.7 +0.3

ASAR Alice Springs 29.15 240 P P 12 23 38.9

ASAR Alice Springs 29.15 240 P P 12 23 12.7 +1.0

ASAR Alice Springs 29.15 240 P P 12 23 36.7 +0.4

ASAR Alice Springs 29.15 240 P P 12 23 38.1

ASAR Alice Springs 29.15 240 P P 12 23 37.7 +0.3

ASAR Alice Springs 29.15 240 P P 12 23 38.9

ASAR Alice Springs 29.15 240 P P 12 23 12.7 +1.0

ASAR Alice Springs 29.15 240 P P 12 23 36.7 +0.4

ASAR Alice Springs 29.15 240 P P 12 23 38.1

ASAR Alice Springs 29.15 240 P P 12 23 37.7 +0.3

ASAR Alice Springs 29.15 240 P P 12 23 38.9

ASAR Alice Springs 29.15 240 P P 12 23 12.7 +1.0

ASAR Alice Springs 29.15 240 P P 12 23 36.7 +0.4

ASAR Alice Springs 29.15 240 P P 12 23 38.1

ASAR Alice Springs 29.15 240 P P 12 23 37.7 +0.3

ASAR Alice Springs 29.15 240 P P 12 23 38.9

ASAR Alice Springs 29.15 240 P P 12 23 12.7 +1.0

ASAR Alice Springs 29.15 240 P P 12 23 36.7 +0.4

ASAR Alice Springs 29.15 240 P P 12 23 38.1

ASAR Alice Springs 29.15 240 P P 12 23 37.7 +0.3

NOU 09 12:20:05.2, 42.56S:173.91E, h0km, MLV4.2/11, South Island, New Zealand

WEL 09 12:20:08.2:0.4, 42.5:3:17.4E:1, h9km, 2km, M3.4/31, ML3.8/12, MLV3.4/31, Error ellipse: s-maj=0.0km s-min=0.0km az=123.9, confirmed

ISC 09 12:20:05.2:1.5, 42.48S:0.03:173.88E:0.04, h5km, 14km, n89, r1927/91, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like KHZ, KHZ, BSZW, etc.

NEIC 09 12:31:16.2:1.4, 10.19S:0.10:161.8E:0.1, h22km, 8km, mb4.2/12, Error ellipse: s-maj=20.7km s-min=9.9km az=56.0

IDC 09 12:31:01.2:0.2, 5.10S:0.161:72E, h75km, 20km, mb3.5/7, mbmp3.8/9, MS3.0/2, Error ellipse: s-maj=24.0km s-min=16.5km az=67.0

ISC 09 12:31:19.5:0.8, 10.33S:0.09:161.73E:0.10, h61km, n35, r1558/30, mb3.9/12, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like HNR, LIFNC, etc.

Table with columns for station call letters, frequency, mode, and coordinates. Includes stations like RKGY Rocky Gully, GMJI Gumukmas, PPT2 Papeete2, etc.

Table with columns for station call letters, frequency, mode, and coordinates. Includes stations like PSI Prapat, PEAOB Petropavlovsk, PETK Petropavlovsk, etc.

Table with columns for station call letters, frequency, mode, and coordinates. Includes stations like SHL Shillong, R17K Ugashik River, YAK Yakutsk, etc.

9d 12h

J20K	Nowinta River	81.82	18	P	P	13 02 44.8 +0.7
CUT	Chulitna	81.86	21	P	I Amb	13 02 44.4 +0.1
CUT	comp-Z, 27nm, 0.8s					13 02 47.3
CUT	Chulitna	81.86	21	P	P	13 02 43.5 -0.8
GHO	Glory Hole Cre	81.91	22	P	P	13 02 42.9 -1.9
GHO	comp-Z, 21nm, 1.0s					13 02 47.6
CAST	Castle Rocks	81.94	19	P	P	13 02 44.0 -0.8
CAST	Castle Rocks	81.94	19	P	P	13 02 44.1 -0.8
SML	Sawmill	82.15	22	P	I Amb	13 02 46.6 +0.6
SML	comp-Z, 20nm, 1.0s					13 02 56.7
SML	Sawmill	82.15	22	P	P	13 02 45.5 -0.6
CHUM	Lake Minchumin	82.18	19	P	P	13 02 45.6 -0.5
EYAK	Cordova Ski Ar	82.34	24	P	P	13 02 46.6 -0.4
M23K	Glacier View	82.36	22	P	P	13 02 46.8 -0.3
KTH	Kantishna Hill	82.41	20	P	I Amb	13 02 46.9 -0.5
KTH	comp-Z, 26nm, 0.8s					13 02 49.6
KAIM	Kayak Island	82.50	24	P	P	13 02 47.5 -0.3
SCM	Sheep Creek Mo	82.54	22	P	P	13 02 47.3 -0.8
SCM	Sheep Creek Mo	82.54	22	P	P	13 02 46.9 -1.2
SCM	Sheep Creek Mo	82.54	22	P	P	13 02 47.3 -0.8
TRF	Thorofore Moun	82.55	20	P	I Amb	13 02 47.7 -0.5
TRF	comp-Z, 17nm, 0.8s					13 02 50.5
TRF	Thorofore Moun	82.55	20	P	P	13 02 47.8 -0.5
DIV	Divide	82.69	23	P	I Amb	13 02 47.9 -1.0
DIV	comp-Z, 13nm, 0.8s					13 02 52.0
WAT1	Susitna Watana	82.73	21	P	P	13 02 48.8 -0.3
KLU	Klutina	82.85	23	P	I Amb	13 02 49.4 -0.3
KLU	comp-Z, 16nm, 1.1s					13 02 56.7
KLU	Klutina	82.85	23	P	P	13 02 49.6 -0.2
WAT6	Susitna Watana	82.86	21	P	P	13 02 50.0 +0.1
RND	Reindeer	83.01	20	P	I Amb	13 02 49.4 -1.1
RND	comp-Z, 22nm, 1.4s					13 03 13.2
RND	Reindeer	83.01	20	P	I Amb	13 02 49.4 -1.1
BMRM	Bremner River	83.04	24	P	P	13 02 50.6 -0.1
BMRM	comp-Z, 22nm, 1.4s					13 03 13.2
BERC	Berg Lake	83.06	24	P	P	13 02 51.1 +0.3
M24K	Tolsona, Glenn	83.13	22	P	P	13 02 51.4 +0.2
I21K	Tanana	83.19	18	P	I Amb	13 02 51.0 -0.2
I21K	comp-Z, 23nm, 1.0s					13 02 55.6
I21K	Tanana	83.19	18	P	P	13 02 51.1 -0.2
MCK	McKinley	83.19	20	P	P	13 02 51.3 -0.1
MCK	comp-Z, 29nm, 0.9s					13 02 55.6
MCK	McKinley	83.19	20	P	P	13 02 51.3 -0.1
MCK	comp-Z, 29nm, 0.9s					13 02 55.6
IMAR	Indian Mounai	83.23	17	P	P	13 02 51.1 -0.5
H21K	Melozitna Rive	83.28	17	P	P	13 02 52.3 +0.5
H21K	Melozitna Rive	83.28	17	P	P	13 02 51.4 -0.3
BWN	Browne	83.30	20	P	P	13 02 51.5 -0.4
DHY	Denali Highway	83.31	21	P	P	13 02 51.7 -0.5
DHY	Denali Highway	83.31	21	P	P	13 02 51.7 -0.5
N25K	Chitina, Valde	83.42	23	P	I Amb	13 02 52.8 +0.1
N25K	comp-Z, 15nm, 0.9s					13 03 11.9
N25K	Chitina, Valde	83.42	23	P	P	13 02 52.4 -0.3
WAX	Waxell Ridge	83.44	24	P	P	13 02 51.0 -1.8
MAW	Mawson	83.45	20	P	P	13 02 52.5 -0.2
MAW	comp-Z, 8.4nm, 0.7s, baz=104, slow=6.2, SNR=11					13 02 52.5 -0.2
MAW	Mawson	83.45	20	P	P	13 02 53.6 +0.9
MAW	comp-Z, 8.4nm, 0.7s, baz=104, slow=6.2, SNR=11					13 02 53.6 +0.9
MAW	Mawson	83.45	20	P	P	13 02 51.9 -0.8
MLY	Manley	83.47	19	P	I Amb	13 02 52.0 -0.9
MLY	comp-Z, 14nm, 0.9s					13 02 56.4
MLY	Manley	83.47	19	P	P	13 02 52.2 -0.6
GLB	Gilshina Butte	83.63	23	P	I Amb	13 02 52.6 -1.1
GLB	comp-Z, 18nm, 0.8s					13 02 57.1
VRDI	Verde Repeater	83.65	24	P	I Amb	13 02 54.1 +0.1
VRDI	comp-Z, 33nm, 1.5s					13 02 58.6
MESA	MESA	83.65	25	P	P	13 02 53.4 -0.6
G21K	Allakaket	83.68	17	P	P	13 02 53.6 -0.2
HARP	HAARP	83.69	22	P	P	13 02 53.9 -0.1
NEA2	Nenana	83.71	19	P	I Amb	13 02 53.8 -0.3
NEA2	comp-Z, 17nm, 0.8s					13 02 56.5
NEA2	Nenana	83.71	19	P	P	13 02 53.8 -0.3
ISLE	Juniper Island	83.73	24	P	P	13 02 53.5 -0.9
H22K	Ishtalina Cre	83.86	18	P	P	13 02 54.7 -0.1
MCARA	McCarthy VSAT	83.91	24	P	P	13 02 54.8 -0.3
MCARA	comp-Z, 22nm, 1.5s					13 02 58.6
MCARA	McCarthy VSAT	83.91	24	P	P	13 02 54.6 -0.5
PAX	Paxon	83.92	22	P	P	13 02 55.6 +0.4
WRH	Wood River Hil	83.95	20	P	I Amb	13 02 53.9 -1.4
WRH	comp-Z, 17nm, 0.9s					13 02 57.6
I23K	Minto, Yukon-K	83.98	19	P	I Amb	13 02 55.4 +0.1
I23K	comp-Z, 10.0nm, 0.9s					13 02 58.8
I23K	Minto, Yukon-K	83.98	19	P	P	13 02 55.6 +0.2
TABL	Table Mountain	84.14	25	P	P	13 02 55.9 -0.7
CCB	Clear Creek Bu	84.16	20	P	I Amb	13 02 55.4 -0.9
CCB	comp-Z, 11nm, 0.7s					13 02 58.5
F21K	Alatina Rive	84.19	16	P	P	13 02 57.0 +0.6
MDM	Murphy Dome	84.22	19	P	I Amb	13 02 56.2 -0.4
MDM	comp-Z, 17nm, 0.9s					13 02 59.1
BARN	Barnard Glacie	84.27	24	P	P	13 02 57.0 -0.2
TCOL	CIGO, UAF Yank	84.29	19	P	P	13 02 56.8 -0.1
TCOL	CIGO, UAF Yank	84.29	19	P	P	13 02 57.7 +0.8
COLA	College	84.29	19	P	P	13 02 56.7 -0.2
COLA	comp-Z, 28nm, 0.9s					13 02 57.2 +0.3
COLA	College	84.29	19	P	P	13 02 57.2 +0.3
COLA	College	84.29	19	P	P	13 02 56.7 -0.2
HDA	Harding Lake	84.30	20	P	P	13 02 56.6 -0.4
HDA	comp-Z, 28nm, 0.9s					13 02 57.6 +0.6
HDA	Harding Lake	84.30	20	P	P	13 02 56.6 -0.4
PCA	Pinnacle	84.32	25	P	P	13 02 58.2 +0.9
PINM	Pinnacle	84.32	25	P	P	13 02 57.0 -0.3
K24K	Donnelly Dome	84.32	21	P	P	13 02 57.7 +0.5
H23K	Yukon River	84.38	18	P	I Amb	13 02 58.0 +0.6
H23K	comp-Z, 16nm, 0.8s					13 03 00.9
H23K	Yukon River	84.38	18	P	P	13 02 57.6 +0.2
M26K	Nabesna, AK	84.50	23	P	I Amb	13 02 58.3 +0.2
M26K	comp-Z, 16nm, 0.8s					13 03 01.7

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M26K	Nabesna, AK	84.50	23	P	P	13 02 58.2 0.0
IL31	IL31	84.55	20	P	I Amb	13 02 57.2 -0.9
IL31	comp-Z, 10nm, 0.9s					13 03 01.3
ILAR	Eielson Aray	84.55	20	P	P	13 02 57.2 -1.1
ILAR	comp-Z, 6.0nm, 0.6s, baz=240, slow=4.9, SNR=43					13 03 01.0
POKR	Poker Plat Res	84.58	19	P	I Amb	13 02 57.1 -1.4
POKR	comp-Z, 8.8nm, 0.8s					13 03 01.0
POKR	Poker Plat Res	84.58	19	P	P	13 02 58.7 +0.3
O28M	Mount Upton	84.71	25	P	P	13 02 59.4 -0.1
L26K	Log Cabin Wild	84.73	22	P	I Amb	13 02 58.4 -0.9
L26K	comp-Z, 11nm, 0.8s					13 03 03.0
L26K	Log Cabin Wild	84.73	22	P	P	13 02 59.2 -0.1
F22K	John River	84.75	16	P	P	13 02 59.1 -0.1
TIXI	Tiksi	84.79	350	P	P	13 02 57.9 -1.4
TIXI	comp-Z, 2.9nm, 0.6s, baz=136, slow=0.0, SNR=9.5					13 03 02.5
TIXI	Tiksi	84.79	350	P	I Amb	13 02 58.1 -1.2
TIXI	comp-Z, 12nm, 1.2s					13 03 11.6
TIXI	Tiksi	84.79	350	eP	P	13 02 58.3 -1.0
G23K	Bananza Creek	84.82	17	P	P	13 02 59.5 -0.2
DOT	Dot Lake	84.84	21	P	I Amb	13 02 59.9 +0.1
DOT	comp-Z, 16nm, 0.7s					13 03 03.2
H24K	Noodor Dome	84.90	19	P	P	13 03 00.5 +0.4
H24K	Noodor Dome	84.90	19	P	P	13 03 00.7 +0.6
M27K	Edge Creek, AK	84.91	23	P	P	13 03 01.1 +0.7
M27K	Edge Creek, AK	84.91	23	P	P	13 03 01.0 +0.7
S31K	Pelican	85.02	28	P	P	13 03 00.6 -0.1
SCRK	Sand Creek	85.06	21	P	P	13 03 00.2 -0.9
SCRK	comp-Z, 16nm, 0.8s					13 03 04.5
SCRK	Sand Creek	85.06	21	P	P	13 03 01.2 +0.2
COLD	Coldfoot	85.12	17	P	P	13 03 02.1 +1.0
COLD	comp-Z, 31nm, 1.6s					13 03 02.3 +1.2
O29M	Mount Kennedy	85.14	26	P	P	13 03 01.7 +0.2
YUK3	Moose Creek	85.14	24	P	P	13 03 01.7 +0.1
P29M	Windy Craggy	85.16	27	P	P	13 03 02.4 +0.9
YUK6	Steele Glacier	85.16	25	P	P	13 03 01.9 +0.1
E22K	Anaktuvuk Pass	85.29	16	P	P	13 03 02.6 +0.6
L27K	Beaver Creek,	85.32	23	P	I Amb	13 03 03.0 +0.7
L27K	comp-Z, 31nm, 1.6s					13 03 06.5
L27K	Beaver Creek,	85.32	23	P	P	13 03 02.3 0.0
BVCY	Beaver Creek	85.33	23	P	P	13 03 02.2 -0.1
BCAR	Beaver Creek A	85.34	23	P	P	13 03 01.4 -0.9
J26L	Joseph Creek	85.52	21	P	P	13 03 03.3 0.0
J26L	Joseph Creek	85.52	21	P	P	13 03 03.9 +0.7
WMQ	Urumqi	85.56	316	eP	LR	13 03 05.4 +1.5
WMQ	comp-Z, 140nm, 16.5s					13 03 05.4 +1.5
WMQ	comp-Z, 120nm, 17.9s					13 03 05.4 +1.5
YUK6	Outpost Mountain	85.56	25	P	P	13 03 03.6 -0.1
S32K	Killisnoo	85.57	29	P	P	13 03 03.0 -0.5
G24K	Hawzenzic Riv	85.58	18	P	P	13 03 04.3 +0.8
YUK4	Talbot Arm	85.65	25	P	P	13 03 04.9 +0.7
PLBC	Pleasant Camp	85.68	27	P	P	13 03 04.2 +0.2
P30M	Million Dollar	85.75	26	P	P	13 03 04.4 0.0
K27K	Chicken	85.78	22	P	I Amb	13 03 04.6 +0.1
K27K	comp-Z, 21nm, 1.5s					13 03 07.6
K27K	Chicken	85.78	22	P	P	13 03 04.7 +0.3
E23K	Chandalar	85.84	17	P	P	13 03 05.0 +0.2
HYT	Haines Junctio	85.86</				

9d 12h

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BRY				i Sn	Sg	12 57 55.7	0.0	CING	comp=N,3910µm,0.8s	Cingoli	2.27 269	↓ P	Pn	12 57 38.3	+1.5	PTJ	comp=E,4370µm,0.7s	Puntijarka	2.46 355	i Pn	Pn	12 57 41.4	+1.9	
SGRT	San Giovanni R	1.75 194		↓ P	Pn	12 57 30.5	+0.6	CING				AML	AML			PTJ				Sn	12 58 11.6	+2.3		
SGRT	San Giovanni R	1.75 194		↓ S	Sb	12 57 54.4	+0.8	CING	comp=N,3285µm,0.7s			AML	AML			SNTG	Esanotaglia	2.46 266	↓ P	Pn	12 57 40.9	+1.4		
SGRT				AML	AML			CING				AML	AML			SNTG				AML				
SGRT				AML	AML			RIY	comp=N,3865µm,0.6s	Rijeka	2.28 326	i Pn	Pb	12 57 39.3	-1.4	SNTG	comp=E,2475µm,0.8s		AML	AML				
MSAG	Monte S. Angel	1.77 190		↓ P	Pn	12 57 30.3	+0.2	RIY				Sg	Sg	12 58 12.9	-0.4	SNTG	comp=N,3265µm,0.8s		AML	AML				
MSAG				↓ S	Sb	12 57 55.4	+1.4	INTR	Introdacqua	2.28 232	↓ P	Pn	Pn	12 57 37.9	+0.8	SNTG	comp=E,2345µm,0.8s		AML	AML				
MSAG				AML	AML			INTR	Introdacqua	2.28 232	↓ P	Pn	Pn	12 57 38.0	+1.0	SNTG				AML	AML			
MSAG				AML	AML			INTR	comp=E,5µm,1.1s			AML	AML			DRME	Dracevica, Mon	2.47 120	↓ P	Pn	12 57 41.9	-2.1		
MSAG				AML	AML			INTR	comp=E,5330µm,1.1s			AML	AML			DRME	Dracevica, Mon	2.47 120	↓ P	Pn	12 58 11.4	+2.0		
MSAG				AML	AML			INTR	comp=N,9775µm,1.2s			AML	AML			DRME				Sn	12 57 41.7	+2.1		
MSAG				AML	AML			INTR	comp=N,7µm,1.2s			AML	AML			PSB1	Pescosannita	2.49 207	↓ P	Pn	12 57 40.8	+0.9		
MSAG				AML	AML			BBLs	comp=N,7µm,1.2s	Lazići	2.29 79	↓ P	Pn	12 57 39.3	-1.6	PSB1				AML				
APRC	Apricina	1.79 199		↓ P	Pn	12 57 30.9	+0.6	BBLs				eSn	Sn	12 58 06.8	+1.9	PSB1	comp=E,3310µm,0.7s		AML	AML				
APRC				AML	AML			BBLs				ePn	Pb	12 57 39.8	-1.1	CERA	comp=N,4085µm,0.8s		AML	AML				
APRC				AML	AML			BBLs				eSn	Sn	12 58 05.7	+0.8	CERA	Filigiano	2.51 223	↓ P	Pn	12 57 41.9	+1.7		
APRC				AML	AML			BSSO	Busso	2.29 214	↓ P	Pn	Pn	12 57 38.5	+1.2	CERA				AML	AML			
APRC				AML	AML			BSSO	comp=N,6665µm,1.0s			AML	AML			CERA	comp=E,5790µm,1.0s		AML	AML				
DOB	Doboj	1.81 45	ePn	Pb	12 57 31.8	-1.1	BSSO	comp=N,2575µm,1.0s		AML	AML	AML	AML			CESI	comp=N,3785µm,0.9s		AML	AML				
DOB			eSn	Sb	12 57 55.3	0.0	BSSO	comp=N,4205µm,0.8s		AML	AML	AML	AML			CESI	CESI - Serrava	2.53 261	↓ P	Pn	12 57 42.0	+1.6		
A052A	Srbac	1.86 27	↓ P	Pn	12 57 33.0	-0.6	CSP1	comp=N,5420µm,0.8s	Cessapalombo	2.29 262	↓ P	Pn	Pn	12 57 38.1	+0.9	CESI	comp=E,3630µm,0.8s		AML	AML				
A052A			↓ P	Pn	12 57 56.7	+0.2	CSP1	comp=E,5350µm,0.9s		AML	AML	AML	AML			PALZ	Palazzo San Ge	2.53 186	↓ P	Pn	12 57 40.9	+0.6		
TRTR	Tortoreto Alta	1.87 250	↓ P	Pb	12 57 33.8	0.0	CSP1	comp=N,8455µm,0.9s		AML	AML	AML	AML			PALZ	comp=E,10650µm,1.6s		AML	AML				
TRTR			AML	AML			T1256	Bolognola (MC)	2.29 260	↓ P	Pn	Pn	12 57 38.6	+1.3	PALZ				AML	AML				
TRTR			AML	AML			T1256					AML	AML			MRB1	comp=N,11800µm,1.3s	Monte Rocchet	2.53 203	↓ P	Pb	12 57 43.7	-1.4	
TRTR			AML	AML			T1256	comp=E,3990µm,0.6s		AML	AML	AML	AML			MRB1	comp=N,6085µm,1.1s		AML	AML				
HCY	Herceg Novi	1.90 121	↓ P	Pn	12 57 33.5	-0.8	T1256	comp=N,4205µm,0.7s		AML	AML	AML	AML			MRB1	comp=N,6305µm,1.1s		AML	AML				
HCY			eSn	Sb	12 57 57.5	-0.2	T1256	comp=N,3940µm,0.7s		AML	AML	AML	AML			MRB1				AML	AML			
HCY	Herceg Novi	1.90 121	↓ P	Pn	12 57 33.4	-0.8	T1256	comp=N,4105µm,0.6s	CAMP	2.32 248	↓ P	Pn	Pn	12 57 39.1	+1.6	VVLD	comp=N,5220µm,0.8s	Villa Vellon	2.54 232	↓ P	Pn	12 57 41.1	+0.5	
HCY			eSn	Sb	12 57 57.9	-0.5	T1256	comp=N,3940µm,0.7s	CAMP	2.32 248	↓ P	Pn	Pn	12 57 39.2	+1.6	VVLD	comp=E,4520µm,1.0s		AML	AML				
FRES	Fresagrandinar	1.91 220	↓ P	Pn	12 58 00.0	-1.2	T1256	comp=E,4105µm,0.6s	CAMP		↓ S	Sb	Sb	12 58 07.7	+1.9	VVLD				AML	AML			
FRES			AML	AML			CAMP	comp=N,2675µm,0.6s	CAMP		↓ S	Sb	Sb	12 57 39.1	+1.6	VVLD				AML	AML			
FRES			AML	AML			CAMP	comp=N,331µm,0.6s	CAMP		↓ S	Sb	Sb	12 57 39.2	+1.6	VVLD				AML	AML			
FRES			AML	AML			CAMP	comp=N,3430µm,0.7s	CAMP		↓ S	Sb	Sb	12 58 07.7	+1.9	VVLD				AML	AML			
UPM	Unac-Piva	1.92 97	ePn	Pn	12 57 32.6	+0.5	CAPA	comp=N,9990µm,0.9s	CAPA	2.33 189	↓ P	Pn	Pn	12 57 38.1	+0.5	VAGA	comp=N,331µm,0.8s	Valle Agricola	2.55 218	↓ P	Pn	12 57 41.9	+1.1	
UPM			eSn	Sb	12 57 57.9	-0.5	CAPA	comp=N,331µm,0.8s		AML	AML	AML	AML			VAGA	comp=E,3765µm,0.7s		AML	AML				
UPM	Unac-Piva	1.92 97	↓ P	Pn	12 57 34.6	-0.1	CAPA	comp=E,9590µm,0.9s		AML	AML	AML	AML			VAGA	comp=E,3845µm,0.7s		AML	AML				
UPM			eSn	Sg	12 57 58.0	-1.2	CAPA	comp=N,14000µm,1.1s		AML	AML	AML	AML			VAGA	comp=N,4065µm,0.8s		AML	AML				
MELA	Melanico ??? S	1.96 207	↓ P	Pn	12 57 33.6	+1.1	FAGN	comp=N,9485µm,0.7s	Fagnano	2.33 240	↓ P	Pn	Pn	12 57 39.1	+1.5	VAGA	comp=N,3985µm,0.8s	Monte Vulture	2.55 192	↓ P	Pn	12 57 42.1	+1.2	
MELA			AML	AML			FAGN	comp=N,7185µm,0.4s		AML	AML	AML	AML			VULT	comp=N,9640µm,0.6s		AML	AML				
MELA			AML	AML			FAGN	comp=N,3185µm,0.4s	SAN MARTINO	2.33 250	↓ P	Pn	Pn	12 57 39.4	+1.7	VULT	comp=N,9355µm,0.6s		AML	AML				
MELA			AML	AML			FAGN	comp=N,5835µm,0.7s		AML	AML	AML	AML			VULT	comp=N,945µm,0.6s		AML	AML				
AOI	Ancona	1.97 274	↓ P	Pn	12 57 34.2	+1.5	SMA1	comp=N,4850µm,0.8s		AML	AML	AML	AML			VULT	comp=N,9845µm,0.6s		AML	AML				
AOI			↓ S	Sb	12 57 59.5	-0.3	SMA1	comp=N,4850µm,0.8s	Brijuni	2.34 309	↓ P	Pn	Pn	12 57 39.4	+1.7	CAFE	comp=N,6710µm,1.2s	Carife	2.56 198	↓ P	Pn	12 57 41.5	+0.6	
AOI			AML	AML			SMA1	comp=N,7040µm,1.2s		AML	AML	AML	AML			CAFE	comp=N,3330µm,0.6s		AML	AML				
AOI			AML	AML			SMA1	comp=N,7725µm,0.7s		AML	AML	AML	AML			CAFE	comp=N,3785µm,0.8s		AML	AML				
OFFI	Offida	1.98 256	↓ P	Pb	12 57 35.3	-0.4	BRJN	comp=N,4450µm,0.5s		AML	AML	AML	AML			CAFE	comp=N,6765µm,1.2s		AML	AML				
OFFI			↓ S	Sb	12 57 59.3	-0.9	EL6	comp=N,3800µm,1.5s		AML	AML	AML	AML			CAFE	comp=N,3280µm,0.6s		AML	AML				
OFFI			AML	AML			EL6	comp=N,4650µm,0.5s		AML	AML	AML	AML			PESA	comp=N,7065µm,0.9s		AML	AML				
OFFI			AML	AML			EL6	comp=N,4565µm,0.5s		AML	AML	AML	AML			PESA	comp=N,8925µm,0.7s		AML	AML				
HAPS	Han Pijesak, BI	2.02 71	↓ P	Pn	12 57 34.1	+0.7	MC2	comp=N,3910µm,1.5s	Monte Carnacci	2.34 258	↓ S	Sb	Sb	12 58 12.0	+1.3	AMUR	Altamura	2.56 175	↓ P	Pn	12 57 41.0	+0.2		
HAPS			eSn	Sb	12 58 00.2	-1.0	MIDA	comp=N,3610µm,0.8s	Miranda	2.37 221	↓ P	Pn	Pn	12 57 39.0	+0.7	AMUR				AML	AML			
NKME	Niksic	2.06 109	↓ P	Pn	12 57 36.4	-0.6	MIDA	comp=N,3910µm,1.5s		AML	AML	AML	AML			SSFR	comp=N,4365µm,0.5s	Montelago di S	2.56 271	↓ P	Pn	12 57 42.6	+1.7	
NKME			eSn	Sb	12 58 03.9	+1.5	MIDA	comp=N,2815µm,1.0s		AML	AML	AML	AML			SSFR	comp=N,3280µm,0.3s		AML	AML				
CIGN	Sant'Elia a Pi	2.08 210	↓ P	Pn	12 57 35.6	+1.4	SACR	comp=N,3710µm,1.0s		AML	AML	AML	AML			SSFR	comp=N,3375µm,0.7s		AML	AML				
CIGN			AML	AML			SACR	comp=N,3610µm,1.0s		AML	AML	AML	AML			SSFR	comp=N,3880µm,0.3s		AML	AML				
CIGN			AML	AML			SACR	comp=E,2755µm,1.0s	ZAG	2.38 355	i Pn	Pb	12 57 40.9	-1.6	TEKS	comp=N,3785µm,0.8s	Tekeris	2.57 64	ePn	Pn	12 57 42.0	+1.0		
CIGN			AML	AML			SACR	comp=N,3710µm,1.0s	ZAG		Sn	Sb	12 58 10.4	-1.1	TEKS				eSn	Pn	12 58 12.4	+0.6		
VCEL	Villa Celiera	2.10 240	↓ P	Pn	12 57 36.0	+1.4	ZAG	comp=N,3610µm,0.8s	FDMO	2.39 261	↓ P	Pn	Pn	12 57 39.0	+0.6	FSSB	comp=N,6220µm,1.4s		AML	AML				
VCEL			AML	AML			ZAG	comp=N,2600µm,0.9s	FDMO	2.39 261	↓ P	Pn	Pn	12 57 39.0	+0.6	FSSB				AML	AML			
VCEL			AML	AML			MRVN	comp=N,2600µm,0.9s	MRVN	2.40 182	↓ P	Pn	Pn	12 57 38.9	+0.3	PTQR	comp=N,4310µm,0.4s	Pietrquario	2.58 237	↓ P	Pb	12 57 44.0	-1.9	
VCEL			AML	AML			MRVN	comp=N,3910µm,1.5s	MRVN		↓ P	Pn	Pn	12 57 38.9	+0.3	PTQR				AML	AML			
CEME	Cevo	2.12 115	↓ P	Pn	12 57 36.9	-1.2	RNI2	comp=N,3610µm,0.8s	RNI2	2.37 223	↓ P	Pb	Pb	12 57 42.8	+0.4	MPAG	comp=N,1740µm,0.7s		AML	AML				
CEME			eSn	Sb	12 58 05.0	+0.8	SACR	comp=N,3610µm,0.8s	SACR	2.38 210	↓ P	Pn	Pn	12 57 39.2	+0.8	MPAG	comp=E,1530µm,1.1s	Monte Paganuc	2.58 275	↓ P	Pn	12 57 42.9	+1.7	
TRIV	Trivento	2.13 218	↓ P	Pn	12 57 36.3	+1.4	SACR	comp=N,3610µm,0.8s	SACR		↓ P	Pn	Pn	12 57 42.8	+0.8	MPAG				AML	AML			
TRIV			AML	AML			SACR	comp=N,3610µm,0.8s	SACR		↓ P	Pn	Pn	12 57 42.8	+0.8	MPAG	comp=N,3130µm,1.2s		AML	AML				
TRIV			AML	AML			SACR	comp=N,3610µm,0.8s	SACR		↓ P	Pn	Pn	12 57 42.8	+0.8	MPAG	comp=E,2785µm,0.8s		AML	AML				
TRIV			AML	AML			SACR	comp=N,3610µm,0.8s	SACR		↓ P	Pn	Pn	12 57 42.8	+0.8	MPAG	comp=N,4040µm,1.1s		AML	AML				

2016 DEC										9d 12h											
649	SKDS	eSn	Sb	12 58 17.6	-1.9	MIGL	Miglionico	2.85 178	↓ P	Pn	12 57 45.6	+0.7	SFI	Santa Sofia	3.26 279	↑ P	Pn	12 57 53.5	+3.0		
	SKDS	IAML		12 58 33.3		MIGL			AML	AML			SACS	San Casciano d	3.27 261	↓ P	Pn	12 57 52.3	+1.6		
	SNAL	comp=N,2,um,0.5s					comp=N,19250um,1.0s							SACS	comp=N,3060um,0.9s		AML	AML			
	SNAL	S. Angelo Dei	2.66 198	↓ P	Pn	12 57 42.6	+0.4	CESX	Cesi	2.86 254	P	Pn	12 57 46.6	+1.7	SACS	comp=N,2800um,1.0s		AML	AML		
	SNAL	comp=N,6865um,1.5s						CESX	Cesi	2.86 254	P	Pn	12 57 47.3	+2.3	SACS	comp=N,2665um,0.8s		AML	AML		
	SNAL	comp=N,7045um,0.8s						CESX	comp=N,2440um,0.6s		AML	AML		SACS	comp=N,3115um,0.9s		AML	AML			
	SNAL	comp=N,6825um,0.8s						CERT	Cerreto	2.88 239	↑ P	Pn	12 57 47.3	+2.1	BEO	Beograd	3.29 64	ePn	Pn	12 57 51.1	+0.3
	SNAL	comp=N,6810um,1.5s						CERT	comp=N,2535um,0.7s		AML	AML		BEO	comp=N,1480um,1.0s		eSn	Pn	12 58 30.6	+1.1	
	KALN	Kalnik	2.67 2	↓ Pn	Pn	12 57 43.9	+1.5	CERT	comp=N,2070um,0.7s		AML	AML		SIRI	Monte Sirino -	3.29 186	↓ P	Pn	12 57 51.1	+0.2	
	KALN							CERT	comp=N,1750um,1.5s		AML	AML		SIRI	comp=N,1475um,1.4s		AML	AML			
	SJES	Sjenica	2.68 93	ePn	Pn	12 58 15.9	+1.5							SIRI	comp=N,1475um,1.4s		AML	AML			
	SJES													SIRI	comp=N,1475um,1.4s		AML	AML			
	SJES													SIRI	comp=N,1475um,1.4s		AML	AML			
	ACER	Acerenza	2.68 186	↓ P	Pn	12 57 43.1	+0.5	LJU	Ljubljana	2.88 335	↓ P	Pn	12 57 46.5	+1.3	SIRI	comp=N,1475um,1.4s		AML	AML		
	ACER							LJU	comp=N,4800um,0.7s		AML	AML		SIRI	comp=N,1475um,1.4s		AML	AML			
	ACER	comp=N,9490um,0.5s						LJU	comp=N,4575um,0.7s		AML	AML		SIRI	comp=N,1475um,1.4s		AML	AML			
	ACER	comp=N,10350um,0.7s						LTRZ	Laterza	2.88 172	↓ P	Pn	12 57 45.5	+0.3	OBKA	Obir	3.29 338	↑ P	Pn	12 57 52.3	+1.3
	ACER	comp=N,9990um,0.7s						LTRZ	comp=N,361um,1.6s		AML	AML		OBKA	comp=N,1740um,0.5s		eSn	Pn	12 58 32.3	+2.5	
	ACER	comp=N,9990um,0.7s						LTRZ	comp=N,361um,1.6s		AML	AML		OBKA	comp=N,1740um,0.5s		eSn	Pn	12 57 52.5	+1.5	
	ATCC	AVT- Casa Cast	2.69 265	P	Pn	12 57 44.5	+2.0	LTRZ	comp=N,393um,0.6s		AML	AML		OBKA	comp=N,1740um,0.5s		eSn	Pn	12 57 52.5	+1.5	
	ATCC							LTRZ	comp=N,393um,0.6s		AML	AML		OBKA	comp=N,1740um,0.5s		eSn	Pn	12 57 52.5	+1.5	
	ATCC	comp=N,9860um,0.5s						LTRZ	comp=N,393um,0.6s		AML	AML		OBKA	comp=N,1740um,0.5s		eSn	Pn	12 57 52.5	+1.5	
	ATCC	comp=N,7130um,0.8s						LTRZ	comp=N,393um,0.6s		AML	AML		OBKA	comp=N,1740um,0.5s		eSn	Pn	12 57 52.5	+1.5	
	ATCC	comp=N,780um,0.8s						LTRZ	comp=N,393um,0.6s		AML	AML		OBKA	comp=N,1740um,0.5s		eSn	Pn	12 57 52.5	+1.5	
	IVA	Berane	2.69 101	ePn	Pn	12 57 44.6	+1.9	KOVH	Kovogotitsi	2.92 25	P	Pn	12 57 47.0	+1.2	OBKA	comp=N,3um,0.7s		ePn	Pn	12 57 52.2	+1.3
	IVA							KOVH	comp=N,1675um,0.8s		S	Pn	12 58 22.3	+1.8	OBKA	comp=N,3um,0.7s		ePn	Pn	12 57 52.2	+1.3
	T1211	Morro Reatino	2.69 251	↓ P	Pn	12 58 18.7	-1.9	MODR	Modragone	2.93 219	↑ P	Pn	12 57 47.5	+1.6	ASQU	Asqua	3.30 277	↓ P	Pn	12 57 53.6	+2.6
	T1211							MODR	comp=N,2085um,0.9s		AML	AML		ASQU	comp=N,1650um,0.6s		AML	AML			
	T1211	comp=N,1835um,0.6s						MODR	comp=N,2085um,0.9s		AML	AML		ASQU	comp=N,1650um,0.6s		AML	AML			
	T1211	comp=N,3955um,0.7s						MODR	comp=N,2085um,0.9s		AML	AML		ASQU	comp=N,1650um,0.6s		AML	AML			
	T1211	comp=N,3860um,0.7s						MODR	comp=N,2085um,0.9s		AML	AML		ASQU	comp=N,1650um,0.6s		AML	AML			
	T1211	comp=N,1830um,0.6s						MODR	comp=N,2085um,0.9s		AML	AML		ASQU	comp=N,1650um,0.6s		AML	AML			
	ASSB	Assisi San Ben	2.70 262	↓ P	Pn	12 57 44.4	+1.6	ATMI	Monte Miggiano	2.94 269	↓ P	Pn	12 57 49.1	+3.0	SOKA	Soboth	3.34 345	ePn	Pn	12 57 53.4	+1.8
	ASSB							ATMI	comp=N,675um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,3265um,0.5s						ATMI	comp=N,675um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s						ATMI	comp=N,8430um,0.8s		AML	AML		SOKA	comp=N,204um,0.4s,SNR=246		eSn	Pn	12 58 33.2	+2.2	
	ASSB	comp=N,8290um,0.7s																			

Table with columns: call sign, frequency, mode, and other parameters. Includes entries like DAVOX, GERS, GERS Array B, etc.

Table with columns: call sign, frequency, mode, and other parameters. Includes entries like MANZ, LPL, GRA1, etc.

Table with columns: call sign, frequency, mode, and other parameters. Includes entries like AVF, BHOU, BTNL, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BPAW Bear Paw Mtn, BCAR Beaver Creek A, L27K Beaver Creek, etc.

IDC 09 13:00:16.4-1.1, 10.161S:161.28E, h0km mb3.9/9, mbtmp3.9/11, ML3.6/2, Error ellipse: s-maj=25.5km s-min=22.6km az=89.0

NEIC 09 13:00:20.8-0.8, 10.14S:0.3:161.6E:0.2, h40km,29km, mb4.2/6, Error ellipse: s-maj=52.8km s-min=4.8km az=218.0

ISC 09 13:00:21.5-0.7, 10.62S:0.09:161.4E:0.1, h35km, n23, a1906/25, mb4.1/12, Bougainville-Solomon Islands region

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

LDG 09 13:07:30.2-0.1, 43.00N:0.04W, h2km, Md2.8/2, Ml2.7/14, Error ellipse: s-maj=2.2km s-min=1.8km az=26.0

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

IDC 09 13:07:36.3-0.8, 14.38N:145.49E, h92km,7km, mb4.2/22, mbtmp4.5/22, Error ellipse: s-maj=16.9km s-min=11.2km az=97.0

ISC-EH 09 13:07:37.9-1.4, 14.40N:145.42E, h102km,1km, Error ellipse: s-maj=3.3km s-min=2.4km az=151.0

NEIC 09 13:07:38.1-1.5, 14.38N:0.08:145.4E:0.1, h100km,7km, mb4.8/63, Error ellipse: s-maj=21.7km s-min=5.5km az=118.0

ISC 09 13:07:37.0-0.6, 14.35N:0.07:145.43E:0.08, h103km,4km, h103km, p-P, n31, a67/39/33, mb4.7/58, 1C-1D, Mariana Islands

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SIJI Sorong, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

9d 13h

FALS	False Pass	56.47	33	P	P	13 17 09.1 +0.3
GUN	Gumba	56.68	294	eP	P	13 17 11.7 +0.5
WMQ	Urumqi	57.02	313	eP	pmx	13 17 14.7 +1.7
WMQ	comp=Z,18nm,1.3s					
WMQ	comp=N,230nm,14.5s			LR	LR	
WMQ	comp=Z,120nm,20.5s			LR	LR	
PKI	Pulchoki	57.09	294	eP	P	13 17 13.1 -1.0
PKIN	Phulchoki	57.11	294	eP	P	13 17 13.5 -0.6
DMN	Daman	57.36	294	eP	P	13 17 14.7 -1.2
TIXI	Tiksi	58.14	354	P	P	13 17 18.0 -2.3
TIMI	Tiksi	58.14	354	P	P	13 17 18.9 -1.5
SDPT	Sand Point	58.21	33	P	P	13 17 21.4 +0.3
DANN	Dangsing	58.56	295	eP	P	13 17 23.2 -1.1
KOLN	Koldan	58.70	294	eP	P	13 17 22.9 -2.3
TNA	Tin City	59.25	20	P	P	13 17 33.0 +0.2
ANM	Nome	60.29	22	P	IAMB	13 17 35.3 +0.1
ANM	comp=Z,4.9nm,0.5s					
ANM	Nome	60.29	22	P	P	13 17 35.4 +0.2
R16K	Pilot Point	60.53	31	P	P	13 17 37.4 +0.5
P16K	Nushagak River	60.87	30	P	P	13 17 39.9 +0.7
O16K	Kokwok River B	61.04	29	P	P	13 17 40.9 +0.6
N16K	Nishlik Lake	61.07	28	P	P	13 17 41.1 +0.5
R17K	Ugashik Creek	61.16	31	P	P	13 17 41.2 0.0
MK31	Makanchi Array	61.33	316	P	P	13 17 43.0 +0.3
MKAR	Makanchi Array	61.33	316	P	P	13 17 43.1 +0.4
MKAR	comp=Z,4.6nm,0.4s,baz=91,slo=8.8,SNR=177					
ZAAO	Zalesovo Array	61.33	324	P	IAMB	13 17 42.1 -0.3
ZAAO	comp=Z,4.6nm,0.4s					
ZALV	Zalesovo Beam	61.33	324	P	P	13 17 41.4 -1.0
ZALV	comp=Z,5.4nm,0.8s					
ZALV	Zalesovo Beam	61.33	324	P	PcP	13 18 22.9 -0.9
ZALV	comp=Z,4.9nm,0.4s,baz=101,slo=6.9,SNR=18					
ZALV	comp=Z,0.8nm,0.6s,baz=122,slo=4.2,SNR=4.3					
ZALV	Zalesovo Beam	61.39	30	P	P	13 17 41.8 -0.6
Q16K	King Salmon	61.39	30	P	P	13 17 42.2 -0.4
MAKZ	Makanchi	61.55	316	P	IAMB	13 17 44.8 +0.8
MAKZ	comp=Z,14nm,1.1s					
MAKZ	Makanchi	61.55	316	P	P	13 17 44.7 +0.6
MAKZ	comp=Z,3.1nm,0.4s					
MAKZ	comp=Z,3.1nm,0.4s					
O17K	Koliganek Bris	61.57	29	P	P	13 18 12.5 +1.1
Q17K	Contact Creek	61.62	31	P	P	13 17 43.8 -0.6
P17K	Kvichak River	61.67	30	P	P	13 17 44.5 -0.1
Q18K	Katmai Hardscr	62.19	31	P	P	13 17 47.7 -0.5
P18K	Big Mountain,	62.33	30	P	P	13 17 48.9 -0.2
O18K	Koktuh Hills	62.49	29	P	P	13 17 50.3 +0.2
OHAK	Old Harbor	62.62	32	P	P	13 17 51.2 +0.2
O19K	Port Aisworth	63.03	29	P	P	13 17 54.2 +0.6
KDAK	Kodiak Island	63.14	32	P	P	13 17 55.0 +0.5
N19K	Bonanza Creek	63.16	28	P	P	13 17 55.2 +0.6
TTA	Tatalina	63.24	26	P	P	13 17 55.6 +0.5
P19K	Oil Pt	63.37	30	P	P	13 17 56.2 +0.2
L19K	White Mountain	63.47	27	P	IAMB	13 17 57.2 +0.7
L19K	comp=Z,22nm,1.4s					
L19K	White Mountain	63.47	27	P	P	13 17 57.0 +0.4
Q20K	Shuyak Island	63.48	31	P	P	13 17 56.7 +0.1
M19K	Big River Lodg	63.57	27	P	P	13 17 57.7 +0.4
O20K	Slope Mountain	63.80	30	P	P	13 17 58.9 +0.1
L20K	Farewell, AK	64.00	27	P	P	13 18 00.5 +0.4
M20K	Styx River	64.13	28	P	P	13 18 01.5 +0.5
M20K	Styx River	64.13	28	P	P	13 18 01.4 +0.4
K20K	Telida	64.22	26	P	P	13 18 02.1 +0.6
N20K	Mount Spurr	64.33	28	P	P	13 18 03.1 +0.8
SPCR	Spurr Chakacha	64.33	28	P	P	13 18 03.0 +0.6
KURK	Kurchatov	64.36	320	P	P	13 18 02.5 -0.1
KURK	Kurchatov	64.36	320	P	P	13 18 02.6 0.0
J20K	Novinta River	64.48	25	P	IAMB	13 18 03.5 +0.4
J20K	comp=Z,9.4nm,0.8s					
J20K	Novinta River	64.48	25	P	P	13 18 03.7 +0.6
BRSE	Bradley Lake S	64.61	30	P	P	13 18 04.3 +0.2
CAPN	Captain Cook N	64.70	29	P	P	13 18 04.8 +0.3
PPLA	Purkeypile	64.87	27	P	P	13 18 06.1 +0.2
SKT	Skwentna	64.88	28	P	P	13 18 05.8 0.0
CAST	Castle Rocks	65.08	26	P	IAMB	13 18 07.1 0.0
CAST	comp=Z,14nm,0.8s					
CAST	Castle Rocks	65.08	26	P	P	13 18 07.2 +0.1
SUA	Susitna One	65.08	28	P	P	13 18 07.5 +0.2
CHUM	Lake Minchum	65.13	26	P	P	13 18 07.9 +0.6
O22K	Cooper Landing	65.30	30	P	P	13 18 08.8 +0.4
SEW	Seward	65.33	30	P	P	13 18 08.6 -0.1
RC01	Rabbit Creek A	65.45	29	P	P	13 18 08.7 -0.8
M22K	Willow	65.45	28	P	P	13 18 09.4 0.0
H21K	Melozitna Rive	65.53	24	P	P	13 18 10.0 +0.1
CUT	Chulitna	65.57	27	P	P	13 18 09.9 -0.2
G21K	Allakaket	65.58	23	P	P	13 18 10.4 +0.2
KTH	Kantishna Hill	65.62	26	P	IAMB	13 18 10.2 -0.5
KTH	comp=Z,16nm,1.1s					
I21K	Tanana	65.70	24	P	P	13 18 11.2 +0.2
F21K	Alatina River	65.84	22	P	P	13 18 11.3 -0.6
TRF	Thorofare Moun	65.86	26	P	P	13 18 11.2 -1.1
PMR	Palmer	65.86	28	P	P	13 18 11.0 -1.1
PWL	Port Wells	66.05	29	P	P	13 18 13.2 -0.1
PWL	Port Wells	66.05	29	P	P	13 18 12.8 -0.6
KNK	Knik Glacier	66.13	29	P	P	13 18 13.4 -0.4
MLY	Manley	66.15	25	P	P	13 18 14.2 +0.3
H22K	Ishlaltina Cre	66.17	24	P	P	13 18 14.2 +0.2

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SML	Sawmill	66.29	28	P	P	13 18 14.4 -0.5
P23K	Montague Islan	66.30	30	P	P	13 18 14.9 0.0
F22K	John River	66.42	22	P	P	13 18 15.9 +0.3
WAT1	Susitna Watana	66.45	27	P	P	13 18 15.6 -0.2
A21K	Barrow	66.50	17	P	IAMB	13 18 15.3 -0.6
A21K	comp=Z,8.6nm,0.8s					
A21K	Barrow	66.50	17	P	P	13 18 16.0 0.0
MCK	McKinley	66.52	26	P	P	13 18 16.2 -0.1
M23K	Glacier View	66.56	28	P	P	13 18 16.7 +0.1
I23K	Minto, Yukon-K	66.74	25	P	P	13 18 17.7 +0.1
WAT6	Susitna Watana	66.75	28	P	P	13 18 17.9 -0.1
SCM	Sheep Creek Mo	66.76	28	P	P	13 18 17.5 -0.4
E22K	Anaktuvuk Pass	66.77	21	P	P	13 18 17.8 -0.1
H23K	Yukon River	66.87	24	P	P	13 18 18.6 +0.2
G23K	Bananza Creek	66.95	23	P	P	13 18 19.1 0.0
DHY	Denali Highway	67.03	27	P	P	13 18 19.2 -0.5
COLD	Coldfoot	67.05	22	P	IAMB	13 18 19.6 0.0
COLD	comp=Z,9.4nm,1.2s					
COLD	Coldfoot	67.05	22	P	P	13 18 19.6 0.0
EYAK	Cordova Ski Ar	67.22	30	P	P	13 18 21.0 +0.2
COLA	College	67.28	25	P	P	13 18 21.1 0.0
COLA	comp=Z,3.1nm,0.4s					
KLU	Klutina	67.33	29	P	P	13 18 21.7 +0.1
M24K	Tolsona, Glenn	67.35	28	P	P	13 18 21.7 0.0
D23K	Nanushuk River	67.44	21	P	P	13 18 22.4 +0.4
NIL	Nilore	67.47	301	P	P	13 18 22.5 -0.4
NIL	Nilore	67.47	301	P	P	13 18 23.6 +0.7
E23K	Chandler	67.52	22	P	P	13 18 22.8 +0.2
H24K	Noodor Dome	67.53	24	P	IAMB	13 18 23.9 -0.2
H24K	comp=Z,12nm,1.3s					
H24K	Noodor Dome	67.53	24	P	P	13 18 22.9 +0.2
HDA	Harding Lake	67.54	26	P	P	13 18 21.7 -1.0
IL31	IL31	67.65	25	P	IAMB	13 18 21.9 -1.5
IL31	comp=Z,12nm,1.4s					
ILAR	Eielson Array	67.65	25	P	P	13 18 21.8 -1.7
ILAR	comp=Z,3.1nm,0.4s					
ILAR	comp=Z,3.1nm,0.4s					
ILAR	comp=Z,3.1nm,0.4s					
TOLK	Toolik Lake Re	67.72	21	P	IAMB	13 18 21.9 -1.6
TOLK	comp=Z,15nm,1.4s					
TOLK	Toolik Lake Re	67.72	21	P	P	13 18 21.9 +0.3
TOLK	comp=Z,15nm,1.4s					
TOLK	Toolik Lake Re	67.72	21	P	P	13 18 21.7 -0.1
C23K	Ikilik River	67.76	20	P	P	13 18 23.8 -0.2
KAIM	Kayak Island	67.76	31	P	P	13 18 24.7 +0.5
PAX	Paxson	67.85	27	P	P	13 18 25.1 +0.2
BMRM	Bremner River	67.86	30	P	P	13 18 25.2 +0.4
HARP	HAARP	67.88	28	P	P	13 18 25.2 +0.3
K24K	Donnelly Dome	67.90	27	P	P	13 18 25.1 +0.1
G24K	Hadweenzic Riv	67.92	23	P	P	13 18 25.1 +0.1
N25K	Chitina, Valde	67.98	29	P	P	13 18 26.0 +0.3
F24K	Squaw Lake	67.99	22	P	P	13 18 25.8 +0.3
C24K	Franklin Bluff	68.35	20	P	P	13 18 27.7 +0.1
MCAR	McCarthy VSAT	68.68	29	P	P	13 18 29.9 0.0
SCRK	Sand Creek	68.71	27	P	P	13 18 30.0 -0.2
SCRK	Sand Creek	68.71	27	P	P	13 18 30.3 +0.1
FYU	Fort Yukon	68.75	24	P	IAMB	13 18 30.7 +0.5
FYU	comp=Z,25nm,1.4s					
L26K	Log Cabin Wild	68.81	28	P	IAMB	13 18 30.6 -0.1
L26K	comp=Z,17nm,1.4s					
L26K	Log Cabin Wild	68.81	28	P	P	13 18 30.9 +0.2
F25K	Christian River	68.84	23	P	P	13 18 31.4 +0.5
J26L	Joseph Creek	68.99	26	P	P	13 18 31.7 -0.2
E25K	Arctic Village	69.00	22	P	P	13 18 32.0 +0.2
D25K	Kavik River	69.02	21	P	P	13 18 31.8 -0.1
MESA	MESA	69.03	31	P	P	13 18 32.3 0.0
YAH	Yahtse	69.15	31	P	IAMB	13 18 33.7 +0.6
YAH	comp=Z,30nm,1.3s					
BMAR	Burnt Mountain	69.20	23	P	P	13 18 33.8 +0.7
KKAR	Karatay Array	69.37	311	P	P	13 18 34.3 -0.3
M27K	Edge Creek, AK	69.37	28	P	P	13 18 34.4 +0.1
G26K	Porcupine River	6				

Table with columns: Code, Station Name, Az, El, P, Time, Res, ISC. Includes stations like RLMT Red Lodge, FIA1 FINESSE Array S, FINES FINESSE Array B, etc.

BUIJ 09 13:09:49.0, 10.345:161.48E, h5km, mb4.6/39, mB5.2/23, Ms5.0/17, Ms7.4/7.18
IDC 09 13:09:49.0, 10.495:161.26E, h0km, mb4.6/29, mBmp4.6/34, ML4.5/4, MS4.3/5.3, Error ellipse: s-maj=14.8km s-min=12.2km az=89.0

MOS 09 13:09:51.6, 10.148:161.09E, h17km, mb5.1/29, Error ellipse: s-maj=8.0km s-min=7.2km az=117.7
ISC-EH 09 13:09:52.5, 10.54S:161.20E, h13km, 1km, Error ellipse: s-maj=4.1km s-min=2.9km az=144.0

NEIC 09 13:09:52.9, 1.5, 10.62S:0.08:161.14E:0.08, h10km, 1km, mb5.0/71, Error ellipse: s-maj=16.6km s-min=8.5km az=47.0

GCMT 09 13:09:56.9, 0.2, 10.161S:0.01:161.15E:0.02, h19km, 1km, MW5.2/97, Moment Tensor Solution. s46,c66; s97,c145; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=3.73; 37; Mw=7.00; 25; Mb=3.27; 25; Ms=3.54; 54; Mw=3.03; 19; Mw=0.64; 62; Best double couple; Mb=8.59000e+10

NF1=92.00000; 0.64 0.00000; 1.67 0.00000; NP2: q=228.00000; 32.00000; 1.128 0.00000; Principal axes: T=8.8490; Plg16.00000; Azm165.00000; N=3.98000; Plg20.00000; Azm261.00000; P=4.8690; Plg64.00000; Azm40.00000; nsta1 refers to body waves, cutoff=40fs. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 09 13:09:52.2, 0.3, 10.52S:0.05:161.18E:0.05, h10km, n388, 0598/364, mb5.0/108, MS4.4/59, 8C-5D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, P, Time, Res, ISC. Includes stations like HNR Honiara, HNR KOUNC, HNR KRVT, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res, ISC. Includes stations like RAO Raoul Island, CAN Canberra, WR0 Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res, ISC. Includes stations like JOW Kunigami, JOW Wanaqana, PCJ1 Pacitan, etc.

9d 13h

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like XLT, CHTO, HHC, HIA, ZEA, etc.

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Table with columns for station name, elevation, frequency, and other technical details. Includes stations like TRF, WAT1, BPWA, KLU, BMRM, etc.

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Table with columns for station name, elevation, frequency, and other technical details. Includes stations like DAWY, YBH, IZ7K, G26K, N31M, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Vnda, Vnda, Vnda, SBA, HEH, HEH, HEH, CMAR, PZH, PZH, PZH, HHC, HHC, ULN, ULN, GTA, GTA, GTA, SONM, SONM, SONM, BILL, BILL, SVW2, QSPA, QSPA, M19K, L19K, J20K, J20K, CAST, IMAR, MAW, MAW, ILAR, ILAR, ILAR, L27K, L27K, BCAR, WMQ, WMQ, WMQ, M30M, M30M, NVAR, NVAR, NV11, KVN, KVN, QSM, QSM, I07A, I07A, MK31, MKAR, MKAR, MKAR, BELA, PDAR, YKA, YKA.

WEL 09 13:30:02.5, 42°S, 133°17'44.1"E, h32km, 15km, M2.2/7, ML2.3/7, MLV2.2/7, Error ellipse: s-maj=0.0km s-min=0.0km az=79.8, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IS03UP, IS39PW, I44RU.

WEL 09 13:33:54.3, 0.4, 42°S, 133°17'44.1"E, h10km, 3km, M3.1/19, ML3.3/13, MLV3.1/19, Error ellipse: s-maj=0.0km s-min=0.0km az=119.6, confirmed, South Island

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMWZ, CMWZ, TUWZ, TUWZ, CAW, CAW, KTNZ, KTNZ, MTW, MTW, OGWZ, OGWZ, MRZ, MRZ, WEL, WEL, KHZ, KHZ, BSWZ, BSWZ, BSWZ, BSWZ, CMWZ, CMWZ, GVZ, GVZ.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like THZ, THZ, TUWZ, TUWZ, AMCZ, AMCZ, LNZ, LNZ, MRZ, MRZ, TCW, TCW, WEL, WEL, PLWZ, PLWZ, OKCZ, OKCZ, TKNZ, TKNZ, MQZ, MQZ, OXZ, OXZ, DSZ, DSZ, DUWZ, DUWZ, AKCZ, AKCZ, PAWZ, PAWZ, CAW, CAW, INZ, INZ, KIW, KIW, RACZ, RACZ, GRZ, GRZ, MTW, MTW, OGZ, OGZ, MHZ, MHZ, HOWZ, HOWZ, WACZ, WACZ, MRZ, MRZ, WVZ, WVZ, RPZ, RPZ, ARZ, ARZ, PRWZ, PRWZ, BFCZ, BFCZ, GCSZ, GCSZ, WAZ, WAZ, TMZ, TMZ, ANZ, ANZ, TSWZ, TSWZ, LKZ, LKZ, VRZ, VRZ, ODZ, ODZ, OTVZ, OTVZ, KWHZ, KWHZ, HIZ, HIZ, JCZ, JCZ, HHSZ, HHSZ, EAZ, EAZ, TUZ, TUZ, SYZ, SYZ.

IDC 09 13:34:36.8, 2.5, 10°59'S, 161°08'E, h0km, mb3.4/3, mbmt3.9/10, ML2.9/1, Error ellipse: s-maj=54.1km s-min=25.5km az=67.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HNR, HNR, DZM, DZM, WRA, WRA, ASAR, ASAR, H1S2, H1S2, H1S3, H1S3, H1S1, H1S1, H1N1, H1N1, H1N2, H1N2, SONM, SONM.

IDC 09 13:36:15.8, 1.1, 10°53'S, 161°20'E, h0km, mb3.9/9, mbmt3.9/10, ML3.2/1, MS3.4/1, Error ellipse: s-maj=25.8km s-min=21.3km az=85.0, NEIC 09 13:36:25.4, 0.9, 10°35'S, 161°11'E, 0.2, h50km, 14km, mb4.4/10, Error ellipse: s-maj=29.9km s-min=18.2km az=223.0

ISC 09 13:36:25.1, 0.9, 10°33'S, 161°11'E, 0.1, h62km, n29, 0.123/23, mb4.0/14, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HNR, HNR, HNR, HNR, DZM, DZM, CTA, CTA, CTA, EIDS, EIDS, WRO, WRO, WB0, WB0, WB2, WB2, WRA, WRA, STKA, STKA, ASAR, ASAR, H1S2, H1S2, H1S3, H1S3, H1S1, H1S1, H1N1, H1N1, H1N2, H1N2, TOO, TOO, KNRA, KNRA, BBOO, BBOO, MBWA, MBWA, KSR5, KSR5, CMAR, CMAR, SONM, SONM, SONM, SONM, WRA, WRA, WRA.

IDC 09 14:08:02.5, 1.0, 5°14'N, 96°28'E, h0km, mb4.1/7, mbmt4.0/8, ML3.7/1, MS3.2/2, Error ellipse: s-maj=33.7km s-min=19.3km az=55.0, DJA 09 14:08:03.3, 0.8, 5°N, 4°9'E, h10km, M4.3/8, MLV4.3/8, NEIC 09 14:08:04.0, 1.1, 5°08'N, 0°06'96"11E, 0.09, h10km, 1km, mb4.3/9, Error ellipse: s-maj=16.5km s-min=7.6km az=302.0

ISC 09 14:08:04.0, 0.6, 5°12'N, 0°04'96"11E, 0.06, h10km, n37, 0.099/39, mb4.3/12, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LHMI, LHMI, LHMI, LHMI, MSLI, MSLI, KCSI, KCSI, SNSI, SNSI, SNSI, SNSI, TSI, TSI, RPSI, RPSI, GSI, GSI, KULM, KULM, IPM, IPM, MYKOM, MYKOM, CMAR, CMAR, CMAR, CMAR, LEM, LEM, TNCH, TNCH, H0S2, H0S2, H0S3, H0S3, H0S1, H0S1, GTA, GTA, GTA, SUJI, SUJI, MTN, MTN, MTN, MKAR, MKAR, MKAR, SONM, SONM, SONM, SONM, WRA, WRA, WRA.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SONM, ILAR, NVAR, MKAR.

IDC 09 13:42:01.9, 2.7, 10°76'S, 161°26'E, h0km, mb3.3/4, mbmt3.3/4, Error ellipse: s-maj=55.2km s-min=32.4km az=83.0, Bougainville-Solomon Islands region

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

GUC 09 14:07:01.2, 0.6, 31°17'S, 72°49'W, h28km, 4km, ML2.8, 4C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CO06, CO06, CO06, CO06, CO02, CO02, CO02, CO03, CO03, CO03, CO03, CO05, CO05, CO05, CO06, CO06, CO06, CO06, CO04, CO04, CO04, CO04, ROCH, ROCH, ROCH, ROCH, ROCH, ROCH, VA03, VA03, VA03, MT09, MT09, MT09.

IDC 09 14:08:02.5, 1.0, 5°14'N, 96°28'E, h0km, mb4.1/7, mbmt4.0/8, ML3.7/1, MS3.2/2, Error ellipse: s-maj=33.7km s-min=19.3km az=55.0, DJA 09 14:08:03.3, 0.8, 5°N, 4°9'E, h10km, M4.3/8, MLV4.3/8, NEIC 09 14:08:04.0, 1.1, 5°08'N, 0°06'96"11E, 0.09, h10km, 1km, mb4.3/9, Error ellipse: s-maj=16.5km s-min=7.6km az=302.0

ISC 09 14:08:04.0, 0.6, 5°12'N, 0°04'96"11E, 0.06, h10km, n37, 0.099/39, mb4.3/12, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LHMI, LHMI, LHMI, LHMI, MSLI, MSLI, KCSI, KCSI, SNSI, SNSI, SNSI, SNSI, TSI, TSI, RPSI, RPSI, GSI, GSI, KULM, KULM, IPM, IPM, MYKOM, MYKOM, CMAR, CMAR, CMAR, CMAR, LEM, LEM, TNCH, TNCH, H0S2, H0S2, H0S3, H0S3, H0S1, H0S1, GTA, GTA, GTA, SUJI, SUJI, MTN, MTN, MTN, MKAR, MKAR, MKAR, SONM, SONM, SONM, SONM, WRA, WRA, WRA.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like ASAR, CMAR, STKA, H08S2, H08S3, H08S1, KRSR, MJAR, USKR, SONM, MKAR, ZALV, GEYT.

KOLA 09 15:20:06.5, 67.62N, 20.10E, h0km, ML2.6
IDC 09 15:20:07.5, 67.78N, 20.69E, h0km, mbmp3.3/5, ML2.6/5, Error ellipse: s-maj=13.4km s-min=5.5km az=118.0

HEL 09 15:20:07.4, 67.82N, 20.21E, h0km, ML2.4, ML2.7(UPP), Confirmed Induced event
NAO 09 15:20:07.4, 67.81N, 20.43E, ML3.0
BER 09 15:20:09.4, 67.83N, 20.44E, h1km, ML2.4, Confirmed Induced event

ISC 09 15:20:06.1, 67.77N, 20.02, 20.28E, 0.02, h0km, n45, a191/173, Sweden

Main table for the left column containing station data and event details for the 2016 DEC period.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like NOA, NRAO, NRAO, HFS, HFS, HFS, SPAO, SPITS, SPITS.

JMA 09 15:42:40.5, 0.2, 37.3N, 104.142E, h27km, 1km, MW1/4.5, E OFF FUKUSHIMA PREF, Near east coast of eastern Honshu

IDC 09 15:42:01.4, 3.4, 10.34S, 78.64W, h72km, 32km, mb3.3/4, mbmp3.6/8, ML3.6/4, MS3.3/3, Error ellipse: s-maj=59.0km s-min=8.3km az=68.0

ISC 09 15:41:57.1, 0.9, 10.53S, 0.09, 79.1W, 0.1, h35km, n16, a157/13, mb3.8/4, Off coast of Peru

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like NNA, NNA, ATAH, ATAH, LPAZ, LPAZ, ROSC, ROSC, SIV, SIV, H03N2, H03N1, H03N3, MDP, TXAR, TXAR, PDAR, PDAR, NVAR, NVAR, YKA, YKA, WRA, WRA, SONM, SONM, KRSR, KRSR.

JMA 09 15:42:40.5, 0.1, 37.4N, 103.141E, 0.8, h32km, 1km, MW3.0/3.4, E OFF FUKUSHIMA PREF

IDC 09 15:42:43.6, 2.5, 37.89N, 140.98E, h0km, mb3.3/2, mbmp3.2/3, ML2.2/1, MS3.1/1, Error ellipse: s-maj=42.9km s-min=36.4km az=69.0

ISC 09 15:42:40.6, 2.6, 37.37N, 106.116E, 0.1, h24km, 14km, n17, a192/17, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like JFK, JFK, JMST, JMST, JMM, JMM, JFJD, JFJD, JIO, JIO, JHO, JHO, JJO, JJO, MJAR, MJAR, GUMO, GUMO, H1N2, H1N2, H1N1, H1N1, H1N3, H1N3, H1S1, H1S1, H1S3, H1S3, H1S2, H1S2, MKAR, MKAR, WRA, WRA.

INET 09 15:49:58.4, 0.4, 11.61N, 88.74W, h15km, MW3.7
SNCT 09 15:49:59.6, 1.5, 11.88N, 88.81W, h36km, 99km, ML3.7

ISC 09 15:49:58.2, 3.1, 11.38N, 02.88-88W, 0.1, h41km, n7, a061/10, Off coast of central America

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like PACA, PACA, CNCH, CNCH, JAYA, JAYA, P5NO, P5NO.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like CNGN, NUBE, NUBE, MOMM, MOMM.

IDC 09 15:51:58.1, 1.7, 18.32N, 145.13E, h0km, mb3.6/3, mbmp3.6/3, MS3.1/1, Error ellipse: s-maj=235.0km s-min=28.5km az=104.0, Mariana Islands

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like PETK, PETK, WRA, WRA, ASAR, ASAR, KDAK, KDAK.

IDC 09 16:06:05.0, 1.8, 26.02N, 54.90E, h0km, mb3.7/7, mbmp3.7/8, ML2.8/1, Error ellipse: s-maj=40.3km s-min=22.2km az=45.0

DSN 09 16:06:07.6, 1.1, 26.24N, 54.96E, h13km, 4km, ML3.5/10, Error ellipse: s-maj=9.6km s-min=2.4km az=163.0

OMAN 09 16:06:08.2, 0.1, 26.22N, 54.98E, h12km, mb5.4/2, mb3.4/20, MW4.5/3, Error ellipse: s-maj=1.6km s-min=0.9km az=347.0

TEH 09 16:06:08.5, 26.17N, 54.99E, h15km, ML3.7, ISC 09 16:06:08.4, 1.1, 26.18N, 0.03, 54.96E, 0.03, h15km, 8km, n92, a191/17, mb3.5/7, Southern Iran

Main table for the right column containing station data and event details for the 2016 DEC period.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WSR Wadi Sarin, WSRAR, WSR Wadi Sarin, JMDO Jabal Madar, WKB Wadi Bani Khal, etc.

IDC 09 16:11:31.2,34.0,44.40N;145.88E, h119km, 89km, mb3.4/3, mbtmp3.7/4, ML2.6/1, Error ellipse: s-maj=638.1km s-min=85.6km az=152.0

JMA 09 16:11:35.0,0.3,44.4N;145.88E, h115km, 2km, MV2.7/30, NEAR KUNASHIRI ISLAND

SKHL 09 16:11:36.4,0.9,44.50N;145.40E, h44km, 9km, mb3.6/2, ISC 09 16:11:32.0,1.1,41.41N;145.96E,0.08, h147km, 9km, n21, s1996/30, mb3.5/3, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Elevation, Res, Time, Res, ISC. Includes stations like YUK Yuzh-Kuril'sk, YUK 90nm,0.7s, YUK 200nm,0.5s, etc.

JMA 09 16:17:56.2,0.1,24.1N;122.55E,0.4, h58km, 2km, MV2.9/14, NW OFF ISHIGAKIJIMA IS

TAP 09 16:17:56.8,24.17N;122.46E, h58km, ML3.3, D, ISC 09 16:17:57.4,1.2,24.13N;122.48E,0.02, h43km, 17km, n117, s1919/213, 4D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Res, Time, Res, ISC. Includes stations like JYNG Yonagunijimaku, JYNG Yonaguni jima, YOJ Yonaguni jima, etc.

Table with columns: Station Name, Azimuth, Elevation, Res, Time, Res, ISC. Includes stations like HWA Hwalien, HWA Vanliuu Villag, NDS Dongshan, EGS, NDS, EGS, etc.

Table with columns: Station Name, Azimuth, Elevation, Res, Time, Res, ISC. Includes stations like LIOB, WCS Beigang Elemen, WCS, NSTT Nanjuang, NSTT, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MASBT Mashbululo, LYUB Lan-yu, TWM1 Shoushan, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BATI Baumata, PLAI Plampang, TWSI Taliwang, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KMBO Kilima Mbogo, FINES FINESS Array, AKASO Malin Array, etc.

NEIC 09 16:37:06.2,2.9,22.9S:0.1x170.86E±0.08,h10km±2km, mb4.3/16, Error ellipse: s-maj=2.13km s-min=1.7km

NOU 09 16:37:07.5,22.84S,170.87E,h0km,MLV4.7/13, Southeast of Loyalty Islands

ISC 09 16:37:07.2±0.6,22.65S±0.09,171.10E±0.08,h35km,mb4, c1905/80,mb4.3/14,MS3.3/3,Southeast of Loyalty Islands

MAN 09 16:23:10.2,5.82N±127.04E,h44km,mb5.4,ML4.4,MS4.6

NEIC 09 16:23:11.7±2.2,5.91N±0.08,127.1E,0.1,h6km±5km, mb4.6/35, Error ellipse: s-maj=16.0km s-min=9.2km

ISC-EH 09 16:23:12.2,5.89N±127.05E,h76km±5km, Error ellipse: s-maj=8.7km s-min=4.0km az=75.0

DJA 09 16:23:12.3±0.7,6.14N±12.7E±,h39km±10km,ML4.7/24, mb4.9/10,mb4.6/22,mbC6.2/9,Mjma4.4/23,ML5.0/10, MLV4.8/10,Ms(BB)4.1/24,Mw(MB)4.2/10,MwMbc5.4/9, MwMwp5.4/1,Mwp5.6/1

ISC 09 16:23:13.0±0.8,5.86N±0.04,127.15E±0.05,h67km±7km, n12.1,c1999/139,mb4.6/37,13C-107,Philippine Islands region

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Lists various stations and their coordinates.

Main table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Lists various stations and their coordinates.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MYKA Terra Mystica, WATA Walderalm, ABTA Abfallbach, etc.

IDC 09 16:41:53.3-1.8, 11.325x162.29E, h0km, mb3.7/5, mbtmp3.8/7, ML3.3/2, MS3.6/6, Error ellipse: s-maj=38.0km s-min=28.5km az=126.0

ISC 09 16:41:59.2-1.4, 11.4AS:0.1x162.2E:0.1, h3km, n18, c0566/9, mb3.6/5, MS3.4/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, HNR 832nm, PMG Port Moresby, CTA Charters Tower, etc.

IDC 09 16:46:09.8-2.3, 6.15S:149.54E, h57km, 25km, mb3.4/3, mbtmp3.8/4, ML2.1/1, Error ellipse: s-maj=73.1km s-min=14.3km az=128.0

ISC 09 16:46:07.1-2.3, 6.15S:0.5:149.8E:0.8, h35km, n5, c0999/7, New Britain region

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

MAN 09 16:56:20.9, 20.63N:120.28E, h10km, mb4.5, ML3.4, MS3.3

ISC 09 16:56:18.3-1.6, 20.85N:0.05:120.3E:0.2, h10km, n10, c084/15, 1C-40, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CICIP Calayan Island, TPUB Ta-pu, etc.

VAO 09 17:03:56.4-0.8, 14.01S:72.37W, h10km, mb3.7/5, mbtmp3.8/7, ML4.2/1, Error ellipse: s-maj=48.3km s-min=12.7km az=37.0

ISC 09 17:03:58.3-0.6, 14.06S:0.08:72.75W:0.07, h83km, n28, c1559/28, mb3.9/5, Central Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNA Nana, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ITTB Itaituba, ARAG Araguaiana, etc.

JSN 09 17:04:43.0-0.7, 17.75N:77.83W, h15km, 13km, MD3.1, SSNC 09 17:04:43.4-2.0, 17.87N:77.99W, h26km, 30km, MD2.7, ML2.5

ISC 09 17:04:39.2-2.8, 18.00N:0.09:78.0W:0.1, h23km, n11, c1565/15, 1C-5D, Jamaica region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MCJ Malvern, MTJD Mount Denham, etc.

IDC 09 17:09:39.1-4.3, 2.30N:128.26E, h194km, 53km, mb3.0/4, mbtmp3.5/5, Error ellipse: s-maj=128.0km s-min=20.1km az=69.0, Halmahera

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

NEIC 09 17:19:27.8-1.1, 2.6N:0.1:92.6E:0.1, h10km, 2km, mb4.1/2, Error ellipse: s-maj=21.0km s-min=17.8km az=263.0

IDC 09 17:19:27.5-3.5, 2.76N:92.21E, h0km, mb3.6/3, mbtmp3.6/4, ML3.8/1, Error ellipse: s-maj=106.2km s-min=34.0km az=62.0

ISC 09 17:19:29.4-1.9, 2.8N:0.2:92.7E:0.2, h10km, n12, c2515/12, mb3.8/3, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LHMI Lhok Sumawe, GSI Gunungsitole, etc.

VAO 09 17:20:47.6-1.5, 5.23S:73.45W, h10km, mb5.0, Peru-Brazil border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CZSB Cruzeiro do Su, EIDS Eidsvold, etc.

IDC 09 17:22:07.8-1.4, 2.2283N:144.69E, h0km, mb3.7/6, mbtmp3.8/7, ML4.2/1, Error ellipse: s-maj=48.3km s-min=23.0km az=61.0

NEIC 09 17:22:08.7-1.4, 2.229N:0.1:144.8E:0.2, h10km, 2km, mb4.4/1, Error ellipse: s-maj=40.6km s-min=9.2km az=65.0

ISC 09 17:22:09.3-1.1, 2.2286N:0.09:144.5E:0.2, h10km, n21, c1503/22, mb4.2/9, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, KCJ Korea Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, etc.

IDC 09 17:24:36.4-0.5, 10.47S:161.18E, h0km, mb4.8/24, mbtmp4.8/26, ML4.4/2, MS4.7/12, Error ellipse: s-maj=15.8km s-min=12.0km az=81.0

GCMT 09 17:24:39.5-0.1, 10.60S:0.01:161.24E:0.01, h12km, MW5.2/139, Moment tensor: s83,c125, s139,c221, Duration: 19.0, Moment tensor: Scale 1017 Nm, Mw=0.73, M0=0.53, 0.1; Mw0.09s: 0.1; Best double couple: M0.92700e+017, NP1a=107.000000, 865.000000, lambda=10.000000, NP2a=311.000000, 827.000000, lambda=69.000000, Principal axes: T 0.8930, P1g19.000000, Azm205.000000, N 0.0690, P1g9.000000, Azm112.000000, -0.9620, P1g68.000000, Azm357.000000, nstla refers to body waves, cutoff=40s. nstla refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 09 17:24:40.9-0.9, 10.48S:161.08E, h43km, mb5.3/36, MS4.9/7, Error ellipse: s-maj=7.8km s-min=7.0km az=86.1, NEIC 09 17:24:41.5-1.8, 10.49S:0.05:161.17E:0.05, h34km, 5km, mb5.2/10, Error ellipse: s-maj=9.4km s-min=2.2km az=137.0

NOU 09 17:24:42.9, 10.43S:161.25E, h39km, mb5.1/68, Solomon Islands

ISC-EH 09 17:24:42.5, 10.49S:161.13E, h40km, 4km, Error ellipse: s-maj=3.6km s-min=2.6km az=136.0

BUI 09 17:24:42.7-0.0, 10.04S:161.40E, h46km, mb4.8/53, MB5.3/34, MS5.1/30, MS7.4/31

ISC 09 17:24:41.7-0.3, 10.51S:0.04:161.17E:0.05, h35km, n587, c1929/521, mb5.2/189, MS4.7/32, 16C-7D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, HNR 11um, etc.

CTA Charters Tower 17.24 235 P P 17 28 41.9 +0.8

CTAO Charters Tower 17.24 235 P P 17 28 41.4 +0.3

CTAO Charters Tower 17.24 235 P P 17 28 39.6 -0.2

EIDS Eidsvold 17.60 212 P P 17 28 46.1 +1.0

EIDS Eidsvold 17.60 212 P P 17 28 44.2 -0.2

MSVF Nonsavu 17.87 116 P P 17 28 47.6 -0.1

MSVF Nonsavu 17.87 116 P P 17 28 49.3 +1.1

MSVF Nonsavu 17.87 116 P P 17 28 49.2 +1.1

COEN Coen 17.91 257 P P 17 28 51.5 +2.9

COEN Coen 17.91 257 P P 17 28 48.7 +0.1

MTSU Mount Surprise 17.99 243 P P 17 28 49.4 +2.8

MTSU Mount Surprise 17.99 243 P P 17 28 49.9 +0.5

AUBSH Beerwah Station 17.99 243 P P 17 28 52.0 +3.6

AWUSH Wavell Station H 18.46 203 P P 17 28 56.9 +2.1

RMQ Roma 17.95 215 P P 17 28 51.0 +1.7

KWAJ Kwajalein Atol 20.23 19 P P 17 29 11.9 -2.0

AUDCS	Dubbo College	24.52 206	P	P	17 30 00.4 +2.4
CMSA	Cobar Meteorol	25.36 212	P	P	17 30 06.4 +0.8
	baz=26,SNR=19				
CMSA	Cobar Meteorol	25.36 212	P	P	17 30 06.7 +1.1
INKA	Innamka	25.74 225	P	P	17 30 11.9 +2.9
SRPI	Serui, Papua	26.20 287	P	P	17 30 09.2 -4.2
	comp=Z,15nm,0.9s				
AFI	Afiatalu	26.65 100	LR	LR	17 38 39.5
	comp=Z,1,um,20.2s,baz=265,slow=32				
RAO	Raoul Island Arr	27 137	LR	LR	17 40 15.0
	comp=Z,1,um,18.0s,baz=300,slow=35				
CAN	Canberra	27.07 202	P	P	17 30 19.3 -1.8
CAN	Canberra	27.07 202	P	P	17 30 19.3 -1.8
CAZ	comp=Z,59nm,1.4s				
OUN	Omahuta	27.08 157	P	P	17 30 20.0 -1.0
WR0	Warramunga Arr	27.32 247	P	P	17 30 20.8 -2.6
WB0	Warramunga Arr	27.40 247	P	P	17 30 20.3 -1.2
	comp=Z,37nm,0.9s				
WB3	Warramunga Arr	27.47 247	P	P	17 30 26.1 +1.3
	baz=28				
WRAB	Tennant Creek	27.48 247	P	P	17 30 23.8 -1.2
WRAB	comp=Z,85nm,1.6s				
WRAB	Tennant Creek	27.48 247	P	P	17 30 26.8 +1.9
	comp=Z,25nm,0.8s				
WRAB	Tennant Creek	27.48 247	eP	P	17 30 25.7 +0.8
WRAB	comp=Z,44nm,1.7s				
WB2	Warramunga Arr	27.48 247	P	P	17 30 23.2 -1.8
WB2	comp=Z,21nm,0.8s				
WRA	Warramunga Arr	27.50 247	P	P	17 30 24.9 -0.1
	comp=Z,8.8nm,0.5s,baz=76,slow=9.0,SNR=38				
WRA	comp=Z,3,um,20.4s,baz=70,slow=35				
WRA	Warramunga Arr	27.50 247	P	P	17 30 23.7 -1.3
	comp=Z,8.8nm,0.5s				
WRA	Warramunga Arr	27.50 247	iP	P	17 30 24.8 -0.2
	comp=Z,9.0nm,0.5s				
STKA	Stephens Creek	27.92 217	P	P	17 30 28.9 +0.2
	comp=Z,10nm,0.7s,baz=55,slow=13,SNR=27				
STKA	comp=Z,5,um,18.2s,baz=40,slow=37				
STKA	Stephens Creek	27.92 217	P	P	17 30 30.2 +1.5
STKA	Stephens Creek	27.92 217	P	P	17 30 27.9 -0.8
STKA	Stephens Creek	27.92 217	P	P	17 30 31.3 +2.6
STKA	Stephens Creek	27.92 217	eP	P	17 30 29.8 +1.1
KDU	Kakadu	28.19 263	P	P	17 30 33.6 +2.4
	comp=Z,16nm,0.7s				
RKPI	Ransiki, Papua	28.27 287	P	P	17 30 30.9 -1.0
	comp=Z,42nm,0.9s				
GUMO	Guam	28.89 326	LR	LR	17 41 23.7
	comp=Z,1,um,21.3s,baz=144,slow=35				
AS01	Alice Springs	29.05 240	P	P	17 30 39.7 +0.8
AS31	Alice Springs	29.09 240	P	P	17 30 37.8 -1.4
ASAR	Alice Springs	29.09 240	P	P	17 30 38.5 -0.8
	comp=Z,6.5nm,0.7s,baz=63,slow=9.4,SNR=49				
ASAR	comp=Z,6,um,18.8s,baz=68,slow=36				
ASAR	Alice Springs	29.09 240	P	P	17 30 38.0 -1.2
ASAR	Alice Springs	29.09 240	P	P	17 30 38.0 -1.2
LCRK	Leigh Hill	29.14 224	P	P	17 30 40.5 +0.9
H1S2	WAKE ISLAND Hy	29.33 11	T	T	18 01 37.4
	baz=192,slow=74,SNR=7.6				
H1S3	WAKE ISLAND Hy	29.33 11	T	T	18 01 42.8
	baz=192,slow=74,SNR=46				
H1S1	WAKE ISLAND Hy	29.35 11	T	T	18 01 57.9
	baz=192				
OOD	Oddnadatta	29.48 231	P	P	17 30 44.6 +2.1
MTN	Manton Dam	29.50 263	P	P	17 30 43.6 +0.7
MTN	Manton Dam	29.50 263	P	P	17 30 44.6 +1.7
FAKI	Fak Fak	29.67 232	P	P	17 30 42.0 -2.4
TOO	Tooolangi	30.41 205	P	P	17 30 52.3 +1.4
	baz=31,SNR=24				
TOO	Tooolangi	30.41 205	P	P	17 30 50.1 -0.7
TOO	comp=Z,26nm,0.7s				
TOO	Tooolangi	30.41 205	P	P	17 30 52.2 +1.4
TOO	Tooolangi	30.41 205	P	P	17 30 50.1 -0.7
	comp=Z,26nm,0.7s				
H11N1	WAKE ISLAND Hy	30.56 11	T	T	18 03 18.8
	baz=190				
H11N3	WAKE ISLAND Hy	30.57 11	T	T	18 03 28.8
	baz=190				
H11N2	WAKE ISLAND Hy	30.58 11	T	T	18 03 25.6
	baz=190				
HTT	Hallett	30.62 218	P	P	17 30 53.5 +0.8
	baz=31,SNR=16				
HTT	Hallett	30.62 218	P	P	17 30 53.9 +1.2
BRAT	Baliarat	31.07 207	P	P	17 30 58.3 +1.8
SJJI	Sorong	31.22 286	P	P	17 30 57.2 -1.0
	comp=Z,5.1nm,0.7s,baz=83,slow=9.4,SNR=5.8				
SJJI	comp=Z,940nm,19.0s,baz=122,slow=39				
	comp=Z,31nm,1.1s				
RTZ	Ruatahuna	31.36 156	P	P	17 30 59.2 +0.1
ARPS	Mount Arapiles	31.44 211	P	P	17 31 01.3 +1.5
	baz=32,SNR=8.3				
BNDI	Bandanaira	31.54 279	P	P	17 31 00.7 -0.3
	comp=Z,3,um,comp=Z,193nm,1.2s				
BNDI	Bandanaira	31.54 279	P	P	17 31 02.8 +1.8
BKZ	Black Stump Fm	31.64 157	P	P	17 31 01.4 -0.2
	comp=Z,26nm,0.7s				
BKZ	Black Stump Fm	31.64 157	P	P	17 31 04.9
KNRA	Kunururra	31.95 257	P	P	17 31 03.4 -1.2
KNRA	comp=Z,36nm,0.7s				
KNRA	Kunururra	31.95 257	P	P	17 31 06.0 +1.4
MULG	Mulgathing	31.99 228	P	P	17 31 06.2 +1.5
BBOO	Buckleboo	32.04 222	P	P	17 31 06.0 +0.8
	baz=32,SNR=40				
BBOO	Buckleboo	32.04 222	P	P	17 31 05.4 +0.2
BBOO	Buckleboo	32.04 222	P	P	17 31 05.6 +0.4
MRZ	Mangatainoka R	32.62 159	P	P	17 31 09.6 -0.5
MRZ	comp=Z,22nm,0.8s				
TCW	Tory Channel	32.69 162	P	P	17 31 09.9 -0.8
TUWZ	Tuamarina	32.79 162	P	P	17 31 11.5 0.0
THZ	Tophouse	32.79 164	P	P	17 31 11.6 -0.1
BSWZ	Blackbirch Sta	33.03 162	P	P	17 31 12.5 -1.1
PLWZ	Palliser Creek	33.33 161	P	P	17 31 12.3 0.0
AZI	Ambon	33.39 279	P	P	17 31 15.7 -1.5
	comp=Z,38nm,0.8s				
LTT	Lake Taylor	33.58 165	P	P	17 31 17.0 -1.5
LTT	comp=Z,36nm,1.0s				
RPZ	Rata Peaks	34.17 167	P	P	17 31 24.6 +1.0
	comp=Z,31nm,1.1s,baz=41,slow=8.1,SNR=3.4				
RPZ	comp=Z,914nm,19.9s,baz=336,slow=32				
	comp=Z,31nm,1.1s				
WRKA	Warakurna	34.36 241	P	P	17 31 24.3 -1.3
	baz=34,SNR=17				
WRKA	Warakurna	34.36 241	P	P	17 31 25.6 +0.1
NLAI	Namlea	34.56 280	P	P	17 31 27.6 +0.3
	comp=Z,29nm,0.8s				
LBMI	Labuha	34.87 284	P	P	17 31 29.4 -0.6
	comp=Z,1,um,comp=Z,59nm,0.8s				
SANI	Sanana	35.93 281	P	P	17 31 38.3 -0.8
	comp=Z,1,um,comp=Z,79nm,0.8s				
SANI	Sanana	35.93 281	P	P	17 31 40.2 +1.1
	comp=Z,77nm,0.9s				
SOEI	Soe	36.32 268	P	P	17 31 41.8 -0.8
SOEI	comp=Z,87nm,1.7s				
FORT	Forrest	36.75 232	P	P	17 31 45.6 -0.3
FORT	comp=Z,26nm,0.8s				
BATI	Baumata	36.88 267	LR	LR	17 47 33.1
	comp=Z,1,um,19.7s,baz=116,slow=37				
BATI	Baumata	36.88 267	P	P	17 31 48.2 +0.9
	comp=Z,64nm,0.8s				
MMRI	Maumere	38.42 269	P	P	17 31 58.8 -1.5

MMRI	comp=Z,33nm,0.8s		I	Amb	I	Amb	17 32 09.6	
MMRI	Maumere	38.42 269	P	P	P	P	17 31 58.3 -2.0	
	comp=Z,2,um,comp=Z,50nm,0.9s							
MMRI	Maumere	38.42 269	P	P	P	P	17 32 02.0 +1.7	
RRAR	Rarotong	38.95 111	LR	LR	LR	LR	17 45 04.7	
	comp=Z,240nm,19.3s,baz=285,slow=32							
LUWI	Luwuk	39.29 281	P	P	P	P	17 32 06.0 -1.6	
LUWI	Luwuk	39.29 281	P	P	P	P	17 32 06.0 -1.6	
	comp=Z,2,um,comp=Z,93nm,0.9s							
LUWI	Luwuk	39.29 281	P	P	P	P	17 32 08.9 +1.3	
APSI	Ampana	40.41 281	P	P	P	P	17 32 14.6 -2.3	
	comp=Z,1,um,comp=Z,86nm,1.6s							
BSSI	Bau Bau, Buton	40.46 273	P	P	P	P	17 32 17.2 -0.1	
	comp=Z,1,um,comp=Z,84nm,0.8s							
MRSI	Marisa	40.51 283	P	P	P	P	17 32 16.9 -0.8	
	comp=Z,24nm,1.2s							
PSA00	Pilbara Seismi	41.09 249	P	I	Amb	I	Amb	17 32 20.8 -1.6
PSA00	comp=Z,67nm,1.9s							
PSA00	Pilbara Seismi	41.09 249	P	I	Amb	I	Amb	17 32 22.2 -0.2
PSA00	comp=Z,19nm,0.7s							
PSA00	Pilbara Seismi	41.09 249	P	I	Amb	I	Amb	17 32 23.5 +1.1
MBWA	Marble Bar	41.13 250	P	P	P	P	17 32 22.5 -0.3	
	comp=Z,34nm,0.7s							
MBWA	Marble Bar	41.13 250	P	P	P	P	17 32 23.7 +0.9	
BNSI	Bone	41.13 275	P	P	P	P	17 32 24.1 +1.2	
	comp=Z,644nm,comp=Z,34nm,0.8s							
KAPI	Kappang	41.37 274	P	P	P	P	17 32 25.2 +0.4	
	comp=Z,14nm,0.3s,baz=143,slow=10,SNR=5.2							
KAPI	comp=Z,333nm,21.7s,baz=88,slow=37							
KAPI	Kappang	41.37 274	P	P	P	P	17 32 23.2 -1.7	
KAPI	comp=Z,14nm,0.3s							
KAPI	Kappang	41.37 274	eP	I	Amb	I	Amb	17 32 23.2
KAPI	comp=Z,36nm,0.9s							
KAPI	Kappang	41.37 274	eP	P	P	P	17 32 25.0 +0.2	
	comp=Z,60nm,2.1s							
TOLIZ	Toiltoil	41.80 284	P	P	P	P	17 32 26.3 -2.1	
KMBL	Kambala	41.84 234	P	P	P	P	17 32 30.1 +1.6	
	baz=42,SNR=6.3							
KMBL	Kambala	41.84 234	P	P	P	P	17 32 30.0 +1.5	
MPSI	Mappa	42.43 282	P	P	P	P	17 32 31.5 -2.0	
	comp=Z,16nm,0.9s							
PLAI	Plampang	42.78 268	P	P	P	P	17 32 34.8 -1.6	
	comp=Z,1,um,comp=Z,68nm,0.9s							
PLAI	Plampang	42.78 268	P	P	P</			

XLT		pP	sP	17 35 50.8	+0.1				
XLT		sP	pwP	17 35 56.3	+6.8				
XLT		pmax	pmax						
XLT	comp=Z,19nm,0.8s								
XLT	comp=Z,300nm,5.8s								
XLT	comp=Z,380nm,18.3s	LR	LR						
XLT	comp=Z,490nm,18.7s	LR	LR						
CHTO	Chiang Mai	67.91 295	P	P	17 35 37.1	-0.2			
CHTO	Chiang Mai	67.91 295	P	P	17 35 37.1	-0.2			
CHTO	comp=Z,6.0nm,0.9s								
PZH	PanZhihua	68.42 304	P	P	17 35 42.5	+2.0			
PZH	comp=Z,10.0nm,0.6s								
PZH	comp=Z,160nm,3.9s								
HHC	Hu-ho-hao-te	68.57 322	eP	P	17 35 43.6	+2.5			
HHC	comp=Z,200nm,0.6s								
HHC	comp=Z,260nm,7.0s								
HHC	comp=Z,530nm,16.4s	LR	LR						
HHC	comp=Z,520nm,16.2s	LR	LR						
HIA	Hailar	69.75 332	P	P	17 35 46.8	-1.4			
HIA	Hailar	69.75 332	P	P	17 35 49.1	+0.9			
HIA	Hailar	69.75 332	P	P	17 35 46.8	-1.4			
HIA	comp=Z,12nm,0.7s								
ZEA	Zeya	70.18 339	eP	P	17 35 51.0	+0.3			
ZEA	comp=E,10.0nm,1.0s								
ZEA	comp=N,20nm,0.6s								
ZEA	comp=Z,20nm,0.7s								
ZEA	comp=N,200nm,16.0s	MLR	MLR						
ZEA	comp=Z,400nm,16.0s	MLR	MLR						
LZH	Lanzhou	71.11 314	eP	P	17 35 59.8	+2.9			
LZH	comp=Z,13nm,1.0s								
LZH	comp=Z,170nm,12.0s	LR	LR						
LZH	comp=Z,230nm,13.9s	LR	LR						
LZH	comp=Z,370nm,15.5s	LR	LR						
S12K	Black Hills	72.75 21	P	P	17 36 07.6	+1.4			
S12K	baz=218								
SEY	Seymchan	73.53 356	eP	P	17 36 11.3	+0.7			
SEY	comp=Z,34nm,1.7s								
CHGN	Chignik	74.52 22	P	P	17 36 17.3	+0.9			
CHGN	baz=221								
ULN	Ulaanbaatar	75.28 326	P	P	17 36 20.8	-0.5			
ULN	Ulaanbaatar	75.28 326	eP	P	17 36 22.3	+1.0			
ULN	comp=Z,7.0nm,0.6s								
GTA	Gaotai	75.48 315	eP	P	17 36 24.9	+2.2			
GTA	comp=Z,5.0nm,0.8s								
GTA	comp=Z,190nm,5.6s								
GTA	comp=Z,190nm,18.9s	LR	LR						
GTA	comp=Z,250nm,21.8s	LR	LR						
GTA	comp=Z,380nm,18.2s								
SOMN	Songino Array	75.63 325	P	P	17 36 23.8	+0.5			
SOMN	comp=Z,8.5nm,0.6s, baz=142,slow=6.0,SNR=50								
SOMN	Songino Array	75.63 325	P	P	17 36 22.9	-0.4			
SOMN	comp=Z,14nm,0.6s								
SOMN	Songino Array	75.63 325	P	P	17 36 22.9	-0.4			
SOMN	comp=Z,14nm,0.6s								
R16K	Pilot Point	75.78 22	P	P	17 36 24.9	+1.2			
R16K	baz=222								
YAK	Yakutsk	76.38 345	P	P	17 36 26.2	-0.8			
YAK	Yakutsk	76.38 345	eP	P	17 36 26.7	-0.3			
YAK	comp=Z,54nm,0.8s								
YAK	comp=N,5.0nm,0.8s								
P16K	Nushagak River	76.73 20	P	P	17 36 29.5	+0.4			
P16K	baz=221								
Q17K	Contact Creek	76.90 22	P	P	17 36 30.4	+0.2			
Q17K	baz=223								
OHAK	Old Harbor	77.14 23	P	P	17 36 32.1	+0.6			
OHAK	baz=225								
Q18K	Katmai Hardscr	77.50 22	P	P	17 36 34.3	+0.7			
Q18K	baz=224								
N16K	Nishik Lake	77.56 19	P	P	17 36 34.6	+0.8			
N16K	baz=220								
Q17K	Koligansk Bris	77.59 20	P	P	17 36 34.8	+0.9			
Q17K	baz=222								
KDAK	Kodiak Island	77.80 23	P	P	17 36 35.6	+0.5			
KDAK	baz=227								
P18K	Big Mountain	77.95 21	P	P	17 36 36.6	+0.5			
P18K	baz=229								
Q18K	Koktuh Hills	78.30 21	P	P	17 36 39.0	+1.1			
Q18K	baz=224								
BILL	Bilibino	78.43 2	i P	P	17 36 37.4	-1.0			
BILL	comp=Z,22nm,0.9s								
BILL	Bilibino	78.43 2	i P	P	17 36 38.2	-0.2			
BILL	comp=Z,22nm,0.9s								
BILL	comp=Z,23nm,0.8s								
BILL	comp=Z,207nm,17.0s								
ZAK	Zakamensk	78.73 326	eP	P	17 36 40.7	+0.1			
ZAK	comp=Z,10.0nm,1.3s								
P19K	Oil Pt	78.86 22	P	P	17 36 42.0	+1.0			
P19K	baz=226								
ANM	Nome	79.00 14	P	P	17 36 42.0	+0.4			
ANM	Nome	79.00 14	P	P	17 36 42.8	+1.2			
ANM	Nome	79.00 14	P	P	17 36 42.0	+0.4			
ANM	comp=Z,28nm,1.6s								
SVW2	Sparrevohn	79.07 20	P	P	17 36 42.2	+0.1			
N19K	Bonanza Creek	79.24 20	I Amb	I Amb	17 37 42.9				
N19K	comp=Z,35nm,1.6s								
N19K	Bonanza Creek	79.24 20	P	P	17 36 44.1	+1.0			
N19K	baz=224								
TNA	Tin City	79.27 13	P	P	17 36 43.9	+0.9			
QSPA	South Pole Qui	79.49 180	P	P	17 36 44.7	+0.2			
QSPA	comp=Z,15nm,0.7s, baz=341,slow=0.9,SNR=73								
QSPA	South Pole Qui	79.49 180	P	P	17 36 44.3	-0.2			
QSPA	comp=Z,15nm,0.7s								
BRSE	Bradley Lake S	79.84 23	P	P	17 36 47.1	+0.7			
BRSE	baz=228								
M19K	Big River Lodg	80.05 20	I Amb	I Amb	17 36 50.4				
M19K	comp=Z,34nm,0.8s								
M19K	Big River Lodg	80.05 20	P	P	17 36 48.7	+1.3			
M19K	baz=224								
L19K	White Mountain	80.10 19	P	P	17 36 47.2	-0.5			
L19K	comp=Z,19nm,0.8s								
L19K	White Mountain	80.10 19	P	P	17 36 48.9	+1.2			
L19K	baz=224								
TTA	Tatalina	80.28 18	P	P	17 36 48.1	-0.6			
TTA	comp=Z,69nm,1.9s								
TTA	Tatalina	80.28 18	P	P	17 36 49.8	+1.1			
TTA	baz=223,SNR=6.6								
TTA	Tatalina	80.28 18	P	P	17 36 48.1	-0.6			
TTA	comp=Z,69nm,1.9s								

N20K	Mount Spurr	80.30 21	P	P	17 36 49.1	+0.2			
N20K	baz=226								
SPCR	Spurr Chakacha	80.30 21	P	P	17 36 48.4	-0.5			
SPCR	baz=226								
CAPN	Captain Cook N	80.38 22	P	P	17 36 50.2	+1.1			
CAPN	baz=228								
M20K	Styx River	80.46 20	P	P	17 36 49.8	+0.1			
M20K	Styx River	80.46 20	P	P	17 36 50.4	+0.7			
SEW	Seward	80.57 23	P	P	17 36 51.4	+1.2			
SEW	baz=229								
L20K	Farewell, AK	80.63 19	P	P	17 36 51.9	+1.3			
L20K	baz=229								
SUA	Susitna One	81.00 21	P	P	17 36 53.8	+1.2			
SUA	baz=228								
RC01	Rabbit Creek A	81.11 22	I Amb	I Amb	17 37 01.2				
RC01	comp=Z,61nm,1.8s								
RC01	Rabbit Creek A	81.11 22	P	P	17 36 53.9	+0.7			
RC01	baz=229								
M22K	Willow	81.41 21	I Amb	I Amb	17 37 07.0				
M22K	comp=Z,38nm,1.1s								
M22K	Willow	81.41 21	P	P	17 36 55.2	+0.5			
M22K	baz=228								
PWL	Port Wells	81.48 22	P	P	17 36 55.8	+0.7			
PWL	baz=230								
PPLA	Purkeypile	81.48 20	P	P	17 36 55.5	+0.2			
PPLA	baz=229								
PHR	Palmer	81.66 22	P	P	17 36 56.5	+0.5			
PHR	baz=229								
J20K	Nowinta River	81.76 18	P	P	17 36 56.4	-0.1			
J20K	comp=Z,37nm,1.4s								
J20K	Nowinta River	81.76 18	P	P	17 37 05.6				
J20K	baz=224								
CUT	Chullina	81.80 21	P	P	17 36 57.0	+0.3			
CUT	baz=229								
CAST	Castle Rocks	81.88 19	I Amb	I Amb	17 36 58.6				
CAST	comp=Z,26nm,0.8s								
CAST	Castle Rocks	81.88 19	P	P	17 36 57.0	-0.1			
CAST	baz=229,SNR=23								
SML	Sawmill	82.09 22	P	P	17 36 58.2	-0.2			
SML	baz=230								
CHUM	Lake Minchumin	82.13 19	P	P	17 36 59.2	+0.8			
CHUM	baz=226								
GUN	Gumba	82.15 300	eP	P	17 36 58.1	-1.7			
GUN	comp=Z,2.7nm,0.3s								
KTH	Kantishna Hill	82.35 20	I Amb	I Amb	17 37 01.3				
KTH	comp=Z,17nm,0.8s								
PKI	Pulchoki	82.45 300	eP	P	17 37 02.6	+1.2			
PKI	comp=Z,2.8nm,0.6s								
SCM	Sheep Creek Mo	82.48 22	P	P	17 37 00.7	+0.4			
SCM	baz=231								
TRF	Thorofare Moun	82.49 20	I Amb	I Amb	17 37 01.7				
TRF	comp=Z,14nm,0.9s								
TRF	Thorofare Moun	82.49 20	P	P	17 37 00.4	-0.1			
TRF	baz=228,SNR=6.3								
WAT1	Susitna Watana	82.68 21	P	P	17 37 01.9	+0.5			
WAT1	comp=Z,14nm,0.9s								
BPAW	Bear Paw Mtn.	82.70 19	P	P	17 37 01.4	-0.1			
BPAW	baz=227								
DMN	Daman	82.72 300	eP	P	17 37 03.3	+0.6			
DMN	comp=Z,4.8nm,0.5s								
KLU	Klutina	82.79 23	P	P	1				

Table with columns: DSP, IAMB, IAMB, 17 37 43.4, etc. Lists various meteorological observations and forecasts.

Table with columns: SNAEA, Sanae, 97.31 185, P, P, 17 38 10.2 -0.7, etc. Lists satellite station data for Sanae.

Table with columns: VANDA, Vanda, 67.05 180, LR, LR, 17 59 16.2, etc. Lists satellite station data for Vanda.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, etc. Lists station codes and names for various locations.

Table with columns: EIDS, Eidsvold, 17.31 212, P, Pn, 17 59 50.7+0.6, etc. Lists various station identifiers and their associated data points.

Table with columns: TCW, TUWZ, INZ, etc. Lists various station identifiers and their associated data points, including call signs like TORAY Channel and TUAMARINA.

Table with columns: MDSI, MAURA DUA, LWLI, etc. Lists various station identifiers and their associated data points, including call signs like MAURA DUA and LWLI.

9d 17h

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR=4.7).

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Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR=4.7).

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Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR=4.7).

Table with columns: Station, Az, El, P, S, Pmax, Time, Res. Includes stations like L27K Beaver Creek, BVCY Beaver Creek, WMQ Urumqi, etc.

Table with columns: Station, Az, El, P, S, Pmax, Time, Res. Includes stations like LRMC Laurel Mtn Rad, LHV Little Hootoon, EPYK Eagle Plains, etc.

Table with columns: Station, Az, El, P, S, Pmax, Time, Res. Includes stations like TUC Hansel Valley, A36M Sachs Harbour, BOZ Bozeman (W), etc.

IDC 09 18:11:54.7d.0.7, 10:69S, 161:08E, h0km, mb4.4/14, mbtm4.4/17, ML4.5/2, Error ellipse: s-maj=20.3km s-min=16.8km az=99.0
BUI 09 18:11:55.8d.0.0, 11:00S, 161:48E, h36km, mb4.7/32, mB5.2/11, Ms5.0/5, Ms7.4/7.5
ISC-EH 09 18:11:57.2, 2:10:08S, 161:07E, h19km, 2km, Error ellipse: s-maj=5.8km s-min=4.9km az=123.0
NEIC 09 18:11:59.2d.0.2, 10:76S, 161:06E, h30km, 3km, mb5.0/65, Error ellipse: s-maj=11.2km s-min=8.7km az=88.0
ISC 09 18:11:57.2d.0.4, 10:76S, 161:05E, 0:07, h18km, n152, c1806/147, mb4.9/52, 1C-D, Bougainville-Solomon Islands region

9d 18h

Table with columns: ZD, DZM, MARNC, ONTNC, CTA, etc. and rows listing various stations like Mont Dzumac, Eidsvoll, Coen, Nonsavu, etc. with associated data.

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Table with columns: GTA, SONM, SONM, SHL, YAK, YAK, Q18K, BILL, BILL, QSPA, SVW2, SVW2, M19K, M19K, L19K, TTA, L20K, RC01, J20K, CAST, CAST, MCK, MCK, H21K, H21K, MCARA, I23K, I23K, H23K, ILAR, ILAR, TIXI, TIXI, M27K, L27K, BCAR, WMQ, WMQ, WMQ, WMQ, G24K, G24K, E23K, HYBB, HYBB, F24K, D23K, M29M, F25K, L29M, L29M, C23K, DAWY, I27K, G26K, K29M, G27K, E27K, EDW2, PLTX, DSP, DSP, NVAR, NVAR, NVAR, NVAR, MONP2, KVN, KVN, SWSC, BELC, BELC, BC3, TUQ, GMRC, TPNV, ZALV, IRLM, IRLM, BELA, PR1A, PR1A, HLID, HLID, AKASG, AKASG, GERE, GERE, etc.

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Table with columns: BUJ, MOS, GCMT, ISC-EH, IDC, NOU, Code, Station Name, Az, Az, Phase ID, Time, Res, etc. and rows listing various stations like Honiara, Devils Point, Koumac, etc. with associated data.

9d 18h

GTA	Gaotai	75.69	315	eP	P	18 24 51.6	+1.1
GTA				sP	pP	18 25 07.8	+1.3
GTA				pmax	pmax		
GTA	comp=Z,13nm,1.1s						
GTA	comp=Z,160nm,8.4s			pmax	pmax		
GTA	comp=Z,170nm,15.3s			LR	LR		
GTA	comp=Z,190nm,16.0s			LR	LR		
GTA	comp=Z,210nm,16.7s			LR	LR		
R16K	Pilot Point	75.72	21	P	P	18 24 49.6	-0.3
SOMN	Songino Array	75.80	325	P	P	18 24 50.8	-0.1
SOMN	comp=Z,21nm,0.8s,baz=140,slow=5.8,SNR=32						
SOMN	Songino Array	75.80	325	P	P	18 24 49.4	-1.5
R17K	Ugastik Creek	76.20	22	P	P	18 24 52.7	0.0
YAK	Yakutsk	76.48	345	eP	P	18 24 53.1	-1.1
YAK				IAMB	IAMB	18 24 55.1	
YAK	comp=Z,51nm,0.8s						
YAK	Yakutsk	76.48	345	eP	pmax	18 24 54.1	-0.1
YAK				pmax	pmax		
YAK	comp=Z,51nm,0.9s						
YAK	comp=N,7.0nm,1.0s			pmax	pmax		
SHL	Shillong	76.57	300	P	P	18 24 53.6	-2.2
SHL	Shillong	76.57	300	P	pmax	18 24 53.6	-2.2
SHL				pmax	pmax		
SHL	comp=Z,27nm,1.5s						
P16K	Nushagak River	76.67	20	P	P	18 24 55.9	+0.5
Q17K	Contact Creek	76.84	22	P	P	18 24 56.9	+0.4
GAMB	Gambell	76.89	12	P	P	18 24 56.0	-0.4
GAMB				IAMB	IAMB	18 25 43.0	
GAMB	comp=Z,77nm,1.4s						
O16K	Kokwok River B	77.06	20	P	P	18 24 57.9	+0.3
OHAK	Old Harbor	77.07	23	P	P	18 24 57.4	-0.3
OHAK	Old Harbor	77.07	23	P	P	18 24 58.4	+0.8
P17K	Kvichak River	77.33	21	P	P	18 24 59.1	0.0
Q18K	Katmai Hardscr	77.44	22	P	P	18 24 60.0	+0.1
N16K	Nishik Lake	77.52	19	P	P	18 25 01.2	+1.1
O17K	Koliganeg Bris	77.53	20	P	P	18 25 00.5	+0.3
KDAK	Kodiak Island	77.74	23	P	P	18 25 01.5	+0.1
KDAK	comp=Z,21nm,0.7s,baz=253,slow=5.9,SNR=12						
KDAK	Kodiak Island	77.74	23	P	P	18 25 02.0	+0.7
P18K	Big Mountain	77.90	21	IAMB	IAMB	18 25 03.6	
P18K	Big Mountain	77.90	21	P	P	18 25 02.2	-0.1
O18K	Koktuh Hills	78.24	21	P	P	18 25 04.5	+0.3
BOD	Bodaibo	78.33	336	eP	P	18 25 03.8	-0.8
BOD				pmax	pmax		
BOD	comp=Z,14nm,1.9s						
BILL	Billbino	78.46	2	IAMB	IAMB	18 25 04.7	-0.5
BILL						18 25 07.1	
BILL	comp=Z,39nm,1.0s						
BILL	Billbino	78.46	2	dI/P	P	18 25 04.5	-0.7
BILL				i	i	18 25 16.5	
BILL				i	i	18 25 29.9	
BILL				i	i	18 29 01.0	
BILL				pmax	pmax		
O19K	Port Alsworth	78.80	21	IAMB	IAMB	18 25 38.5	
O19K	Port Alsworth	78.80	21	P	P	18 25 07.6	+0.4
P19K	Oil Pt	78.80	22	P	P	18 25 08.2	+0.9
ZAK	Zakamensk	78.90	326	eP	P	18 25 07.3	-0.8
ZAK				pmax	pmax		
ZAK	comp=Z,11nm,0.9s						
ANM	Nome	78.97	14	P	P	18 25 09.0	+0.9
ANM							
SVW2	Sparvevoh	79.02	20	P	P	18 25 08.9	+0.5
ILSW	Ilamna Southw	79.06	21	IAMB	IAMB	18 25 10.0	
N19K	Bonanza Creek	79.18	20	IAMB	IAMB	18 25 11.0	
N19K	Bonanza Creek	79.18	20	P	P	18 25 10.0	+0.6
TNA	Tin City	79.25	12	IAMB	IAMB	18 25 11.3	
TNA	Tin City	79.25	12	P	P	18 25 10.4	+0.9
QSPA	South Pole Qui	79.45	180	P	P	18 25 10.4	-0.6
RSO	Redoubt South	79.54	21	P	P	18 25 10.6	-0.9
BRSE	Bradley Lake S	79.78	22	P	P	18 25 12.9	+0.3
L19K	White Mountain	80.05	19	IAMB	IAMB	18 25 16.6	
TTA	Tatalina	80.23	18	IAMB	IAMB	18 25 16.9	
TTA	Tatalina	80.23	18	P	P	18 25 16.1	+1.0
N20K	Mount Spurr	80.24	21	P	P	18 25 15.1	0.0
SPCR	Spurr Chakacha	80.24	21	P	P	18 25 15.5	+0.3
M20K	Styx River	80.41	20	IAMB	IAMB	18 25 18.2	
SEW	Seward	80.50	23	P	P	18 25 17.5	+1.1
L20K	Farewell, AK	80.58	19	P	P	18 25 18.3	+1.4
O22K	Cooper Landing	80.65	22	P	P	18 25 18.1	+0.9
SUA	Susitna One	80.94	21	P	P	18 25 18.2	-0.7
SUA				IAMB	IAMB	18 25 20.3	
SUA	comp=Z,38nm,1.2s						
SUA	Susitna One	80.94	21	P	P	18 25 19.4	+0.5
SKT	Skwentna	81.02	20	P	P	18 25 19.0	-0.2
RC01	Rabbit Creek A	81.05	22	IAMB	IAMB	18 25 20.8	
RC01	Rabbit Creek A	81.05	22	P	P	18 25 19.9	+0.5
K20K	Telida	81.15	19	IAMB	IAMB	18 25 21.9	
K20K	Telida	81.15	19	P	P	18 25 21.0	+1.1
Q23K	Middleton Isla	81.28	24	P	P	18 25 21.9	+1.4
M22K	Willow	81.36	21	IAMB	IAMB	18 25 22.4	
M22K	Willow	81.36	21	P	P	18 25 21.4	+0.5
PWL	Port Wells	81.42	22	IAMB	IAMB	18 25 23.9	
PWL	Port Wells	81.42	22	P	P	18 25 21.7	+0.3
PPLA	Purkeypile	81.43	20	P	P	18 25 21.5	0.0
PPLA							
PMLR	Palmer	81.60	22	P	P	18 25 22.8	+0.5
J20K	Nowinta River	81.72	18	IAMB	IAMB	18 25 25.4	
J20K	Nowinta River	81.72	18	P	P	18 25 24.4	+1.6
KNK	Knik Glacier	81.73	22	P	P	18 25 25.2	+2.2
CUT	Chulitna	81.74	21	P	P	18 25 22.6	-0.3
CUT				IAMB	IAMB	18 25 24.1	
CUT	comp=Z,46nm,0.9s						
CUT	Chulitna	81.74	21	P	P	18 25 22.9	0.0
GHO	Glory Hole Cre	81.80	21	IAMB	IAMB	18 25 24.8	
CAST	Castle Rocks	81.83	19	P	P	18 25 23.6	+0.1
SML	Sawmill	82.03	22	IAMB	IAMB	18 27 16.2	

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SML	Sawmill	82.03	22	P	P	18 25 25.7	+1.1
CHUM	Lake Minchumin	82.08	19	P	P	18 25 25.6	+0.9
M23K	Glacier View	82.24	22	P	P	18 25 26.8	+1.1
KTH	Kantishna Hill	82.30	20	IAMB	IAMB	18 25 26.9	
KAIM	Kayak Island	82.36	24	P	P	18 25 28.1	+1.8
SCM	Sheep Creek Mo	82.42	22	P	P	18 25 26.0	-0.7
SCM	Sheep Creek Mo	82.42	22	P	P	18 25 28.1	+1.5
SCM	Sheep Creek Mo	82.42	22	P	P	18 25 26.0	-0.7
SCM	comp=Z,175nm,1.9s			pmax	pmax		
TRF	Thorofore Moun	82.44	20	P	P	18 25 25.9	-0.9
TRF				IAMB	IAMB	18 25 27.8	
TRF	comp=Z,22nm,0.9s						
TRF	Thorofore Moun	82.44	20	P	P	18 25 26.1	-0.7
TRF	comp=Z,22nm,0.9s						
DIV	Divide	82.56	23	IAMB	IAMB	18 25 31.0	
WAT1	Susitna Watana	82.62	21	P	P	18 25 28.2	+0.6
KLU	Klutina	82.73	23	IAMB	IAMB	18 25 33.1	
KLU	comp=Z,52nm,1.5s						
KLU	Klutina	82.73	23	P	P	18 25 28.9	+0.7
WAT6	Susitna Watana	82.75	21	P	P	18 25 29.3	+0.9
RND	Reindeer	82.89	20	IAMB	IAMB	18 25 30.5	
BERG	Berg Lake	82.93	24	IAMB	IAMB	18 25 32.2	
M24K	Tolsona, Glenn	83.01	22	P	P	18 25 30.6	+0.8
M24K				IAMB	IAMB	18 25 31.9	
M24K	Tolsona, Glenn	83.01	22	P	P	18 25 31.1	+1.4
MCK	McKinley	83.08	20	P	P	18 25 29.9	-0.1
I21K	Tanana	83.09	18	IAMB	IAMB	18 25 32.4	
I21K	Tanana	83.09	18	P	P	18 25 30.9	+1.0
IMAR	Indian Mountai	83.14	17	P	P	18 25 29.9	-0.3
H21K	Melozitna Rive	83.18	17	IAMB	IAMB	18 25 32.9	
H21K	Melozitna Rive	83.18	17	P	P	18 25 31.6	+1.2
DHY	Denali Highway	83.19	21	P	P	18 25 31.4	+0.7
N25K	Chitina, Valde	83.30	23	IAMB	IAMB	18 25 34.2	
N25K	Chitina, Valde	83.30	23	P	P	18 25 32.0	+0.8
MLY	Manley	83.37	18	IAMB	IAMB	18 25 33.2	
MLY	comp=Z,26nm,0.8s						
MLY	Manley	83.37	18	P	P	18 25 32.2	+0.7
GLB	Gilahina Butte	83.50	23	IAMB	IAMB	18 25 34.3	
VRDI	Verde Repeater	83.52	24	P	P	18 25 32.6	+0.1
VRDI				IAMB	IAMB	18 25 34.5	
MESA	MESA	83.52	25	P	P	18 25 32.4	-0.1
HARP	HARP	83.57	22	P	P	18 25 33.0	+0.4
HARP	comp=Z,32nm,0.8s,baz=98,slow=5.6,SNR=19						
MAW	Mawson	83.57	20	P	P	18 25 32.7	+0.2
G21K	Allakaket	83.59	17	P	P	18 25 33.3	+0.7
ISLE	Juniper Island	83.60	24	IAMB	IAMB	18 25 35.0	
NEA2	Nenana	83.61	19	IAMB	IAMB	18 25 33.8	
NEA2	Nenana	83.61	19	P	P	18 25 32.9	+0.2
MCARA	McCarthy VSAT	83.78	24	IAMB	IAMB	18 25 48.3	
MCARA	McCarthy VSAT	83.78	24	P	P	18 25 34.1	+0.5
PAX	Paxson	83.80	22	P	P	18 25 34.5	+0.7
WRH	Wood River Hil	83.85	20	IAMB	IAMB	18 25 35.4	
I23K	Minto, Yukon-K	83.88	19	P	P	18 25 34.6	+0.7
TABL	Table Mountain	84.00	25	IAMB	IAMB	18 25 36.9	
CCB	Clear Creek Bu	84.05	20	P	P	18 25 33.9	-1.0
CCB				IAMB	IAMB	18 25 35.4	
F21K	Alatna River	84.10	16	P	P	18 25 36.2	+1.0
MDM	Murphy Dome	84.12	19	IAMB	IAMB	18 25 36.4	
BARN	Barnard Glacier	84.14	24	IAMB	IAMB	18 25 37.7	
TCOL	CIGO, UAF Yank	84.18	19	P	P	18 25 35.7	+0.2
PINM	Pinacle	84.18	25	P	P	18 25 36.9	+1.2
COLA	College	84.19	19	P	P	18 25 34.9	-0.6
COLA	College	84.19	19	P	P	18 25 35.5	0.0
COLA	College	84.19	19	dI/P	P	18 25 35.1	-0.4
COLA				pmax	pmax		
HDA	Harding Lake	84.19	20	IAMB	IAMB	18 25 37.1	
HDA	Harding Lake	84.19	20	P	P	18 25 35.5	-0.1
K24K	Donnelly Dome	84.21	21	P	P	18 25 36.6	+0.8
H23K	Yukon River	84.28	18	IAMB	IAMB	18 25 38.1	
H23K	Yukon River	84.28	18	P	P	18 25 37.1	+1.0
M26K	Nabesna, AK	84.38	23	IAMB	IAMB	18 25 39.0	
M26K	Nabesna, AK	84.38	23	P	P	18 25 38.2	+1.4
MENT	Mentasta	84.42	22	IAMB	IAMB	18 25 38.8	
IL31	Elison Array	84.44	20	P	P	18 25 36.4	-0.5
ILAR	Elison Array	84.44	20	P	P	18 25 36.4	-0.5
POKR	Poker Plat Res	84.48	19	P	P	18 25 37.0	-0.1
O28M	Mount Upton	84.58	25	P	P	18 25 39.4	+1.3
L26K	Log Cabin Wild						

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Palm Desert, Goldstone, Queen of Sheba, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Linhares ES, Kesra, Guarapari ES, etc.

IDD 09 18:15:39.6i2.3,24.22N:124.95E,h0km,mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=167.6km s-min=23.2km az=65.0

JMA 09 18:15:44.0i0.2,24.1N:125.2E:0.5,h33km,4km, MV3.2/11, NEAR MIYAKOJIMA ISLAND

ISC 09 18:15:43.6i1.5,24.29N:109.125.16E:0.06,h30km,11km, n16,-0937/22,mb3.7/5, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Miyako jima3, Gusukube, Irabujima, etc.

IDD 09 18:21:06.8i2.7,10.84S:161.01E,h0km,mb3.8/4, mbmp3.8/4, Error ellipse: s-maj=58.1km s-min=28.9km az=90.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Honiara, Warrungarra Arr, ASAR Alice Springs, etc.

IDD 09 18:34:16.9i9.3,4.19S:105.54E,h0km,mb3.9/3, mbmp3.9/4,ML4.1/1, Error ellipse: s-maj=190.7km s-min=98.8km az=83.0

NEIC 09 18:34:23.5i2.1,4.5S:0.2,105.9E:0.1,h10km,2km, mb4.3/5, Error ellipse: s-maj=47.7km s-min=6.7km az=30.0

DJA 09 18:34:27.3i0.3,6.3S:3.3*10.5E*,h10km,M3.6/11, Mjma3.6/11,ML3.7/11,MLv3.6/11,Ms(BB)3.6/5

ISC 09 18:34:27.2i1.2,6.15S:0.05:105.38E:0.05,h9km,9km, n23,-1300/28,mb4.1/6, Sunda Strait

Table with columns: Code, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Honiara, Koutoum, New Ca, etc.

Table with columns: Code, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Charters Tower, Eidsvold, Coen, etc.

Table with columns: Code, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Warrungarra Arr, WB0, WRAB, etc.

Table with columns: Code, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Warrungarra Arr, WB0, WRAB, etc.

Table with columns: Code, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Warrungarra Arr, WB0, WRAB, etc.

Table with columns: Code, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Warrungarra Arr, WB0, WRAB, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Mantion Dam, Toolangi, WAKE ISLAND HY 30.80, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like WAKE ISLAND HY 30.80, WAKE ISLAND HY 30.81, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Matsu-Tunnel, Mawra, Papeete, etc.

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

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Scott Base, Chiang Mai Arr, SBA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Songo Arr, Songo Arr, SONGM, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like South Pole U, South Pole U, GSPA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Sparrevohn, Big River Loud, M19K, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like White Mountain, ILAR, NVAR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Mina Array Base, Makanchi Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Cibinong, Serang, BLSI, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Kota Agung, KASI, KLI, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Sukabumi, CBJI, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Citeko, Lwli, MDSI, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Lembang, MNAI, CMJI, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Warrungarra Arr, WRO, WRR0, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Alice Springs, ASAR, ASAR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Stephens Creek, STKA, STKA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Warrungarra Arr, WB2, WRA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Warrungarra Arr, WB0, WRAB, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Warrungarra Arr, WB0, WRAB, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Class, and other technical details. Includes stations like Warrungarra Arr, WB0, WRAB, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include LIFNC LIFOU, RABL Rabaul, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include CTA Charters Tower, MTSU Mount Surprise, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include NWAO Narrogin (SRO), NWAO Narrogin (SRO), etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include IDC 09 18:46:13.5±2.7, 10°82'S×161°11'E, h0km, mb3.6/4, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include IDC 09 18:50:43.4±3.0, 10°54'S×161°22'E, h0km, mb3.3/3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include CRAAG 09 18:56:52.2, 36°38'N×2°41'E, MI3.2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include IDC 09 18:56:53.7±2.0, 36°34'N×0°1'24.2'E, h18km, n14, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ABA Alger-Bouzearea, EBNR Beni Rached, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include EQES Los Guajares, ELGU Los Guajares, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include PAB San Pablo, ECAB El Cabril, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include IDC 09 19:01:23.3±3.3, 10°43'S×161°22'E, h42km, 27km, mb3.6/4, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include IDC 09 19:10:03.8±0.4, 10°70'S×161°11'E, h0km, mb4.9/30, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include IDC 09 19:10:07.0, 10°72'S×161°08'E, h18km, 1km, Error ellipse: s-maj=3.2km, s-min=2.6km, az=149.0, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include IDC 09 19:10:26.8±0.0, 10°95'S×161°06'E, h12km, MW6.9/173, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include IDC 09 19:10:07.4±0.4, 10°85'S×161°03'E, h15km, 1km, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include HNR Honiara, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include HNR Honiara, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include CTA Charters Tower, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include EIDS Eidsvold, EIDS Eidsvold, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MTSU Mount Surprise, MTSU Mount Surprise, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include FUNA Funafuti, FUNA Funafuti, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ARMA Armidale, ARMA Armidale, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include CAN Canberra, CAN Canberra, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include AFI Afiamalu, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include AFI Afiamalu, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include OUZ Omahuta, OUZ Omahuta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR Alice Springs, etc.

KMI	comp=Z,24um,16.4s	LR	LR						
KMI	comp=Z,11um,18.0s	LR	LR						
CRAI	Chiangrai	67.19 297	P	P	19 20 59.9 -1.5				
HEH	HeiHe	67.56 337	eP	P	19 21 00.8 -2.2				
HEH					19 21 04.8 -1.7				
HEH					19 29 58.1 -1.0				
HEH					19 34 18.9 -1.2				
HEH	comp=Z,130nm,1.1s								
HEH	comp=Z,4um,11.5s								
HEH	comp=Z,100um,20.0s								
HEH	comp=Z,106um,21.2s								
HEH	comp=Z,70um,18.4s								
CM31	Chiang Mai Arr	67.82 295	P	P	19 21 03.9 -1.5				
CM31					19 21 31.2				
CM31	Chiang Mai Arr	67.82 295	P	P	19 21 06.8 +1.5				
CM31					19 21 06.8 +1.5				
CM31					19 30 05.0 +1.6				
CM31					19 30 05.0 +1.6				
CMAR	Chiang Mai Arr	67.82 295	P	P	19 21 05.0 +0.2				
CMAR	comp=Z,25nm,1.0s,baz=122,slow=4.7,SNR=77								
CMAR	comp=Z,13um,18.6s,baz=125,slow=37				19 52 20.1				
CMAR	Chiang Mai Arr	67.82 295	P	P	19 21 04.4 -0.9				
CMAR	Chiang Mai Arr	67.82 295	iP	P	19 21 05.4 +0.2				
CMAR									
CHTO	comp=Z,19nm,0.8s								
CHTO	comp=Z,190nm,1.4s								
CHTO	comp=Z,190nm,1.5s								
XLT	XiLinHaoTe	68.08 327	iP	P	19 21 05.3 -1.3				
XLT					19 21 12.4 +1.1				
XLT					19 21 14.1 -2.3				
XLT					19 21 29.0 -3.6				
XLT					19 25 31.0				
XLT					19 30 02.2 -3.6				
XLT					19 30 15.9 +4.7				
XLT					19 30 58.9 -3.1				
XLT					19 34 28.7 0.0				
XLT	comp=Z,38nm,1.1s								
XLT	comp=Z,770nm,5.4s								
XLT	comp=Z,12um,17.4s								
XLT	comp=Z,44um,18.7s								
XLT	comp=Z,54um,21.1s								
CLES	Cleveland East	68.13 19	P	P	19 21 04.6 -2.0				
CLES	comp=Z,492nm,1.2s				19 22 41.6				
PZH	PanZhiHua	68.50 304	P	P	19 21 08.2 -1.4				
PZH					19 30 03.3 -8.2				
PZH					19 30 21.3 +4.2				
PZH					19 34 39.8 +3.9				
PZH	comp=Z,30nm,1.1s								
PZH	comp=Z,8um,12.0s								
PZH	comp=Z,35um,18.8s								
PZH	comp=Z,61um,21.1s								
PZH	comp=Z,86um,27.8s								
NIKH	Nikolski High	68.59 19	P	P	19 21 08.4 -1.0				
NIKH	Nikolski High	68.59 19	P	P	19 21 08.7 -0.7				
NIKH	comp=Z,212				19 30 16.2 +4.9				
HHC	Hu-ho-hao-te	68.75 322	eP	P	19 21 11.9 +1.0				
HHC					19 23 47.0 +4.1				
HHC					19 30 13.8 -0.2				
HHC	comp=Z,20nm,0.6s								
HHC	comp=Z,1um,6.3s								
HHC	comp=Z,62um,16.3s								
HHC	comp=Z,62um,17.1s								
HHC	comp=Z,64um,16.9s								
CD2	Chengdu	68.85 309	P	P	19 21 10.7 -0.9				
CD2					19 23 43.0 -0.9				
CD2					19 30 15.1 -0.3				
CD2					19 31 08.5 -2.5				
CD2					19 34 42.4 +1.4				
CD2	comp=Z,170nm,0.9s								
CD2	comp=Z,2um,6.7s								
CD2	comp=Z,18um,15.7s								
CD2	comp=Z,18um,15.7s								
CD2	comp=Z,30um,17.1s								
BTO	Baotou	69.56 321	eP	P	19 21 15.2 -0.7				
BTO					19 30 23.6 +0.1				
BTO	comp=Z,207um,22.6s								
HIA	Hailar	69.99 333	P	P	19 21 15.7 -2.5				
HIA	comp=Z,159nm,1.1s				19 21 44.6				
HIA	comp=Z,57um,19.0s				19 48 37.4				
HIA	comp=Z,57um,19.0s				19 21 20.0 +1.8				
HIA	comp=Z,159nm,1.1s				19 21 15.7 -2.5				
HIA	comp=Z,57um,19.0s				19 21 20.0 +1.8				
HIA	comp=Z,57um,19.0s				19 21 15.7 -2.5				
UNV	Unalaska Valle	70.09 20	P	P	19 21 17.4 -1.3				
UNV	comp=Z,207um,22.6s								
UNV	comp=Z,91um,20.6s								
HIA	Hailar	69.99 333	P	P	19 21 15.7 -2.5				
HIA	comp=Z,159nm,1.1s				19 21 15.7 -2.5				
HIA	comp=Z,57um,19.0s				19 48 37.4				
HIA	comp=Z,57um,19.0s				19 21 20.0 +1.8				
HIA	comp=Z,57um,19.0s				19 21 15.7 -2.5				
UNV	Unalaska Valle	70.09 20	P	P	19 21 17.4 -1.3				
UNV	comp=Z,207um,22.6s								
UNV	comp=Z,91um,20.6s								
AKUT	Akutan	70.57 20	P	P	19 21 19.6 -2.0				
AKUT	comp=Z,210nm,1.4s				19 21 41.5				
TNCH	TengChong	70.57 301	iP	P	19 21 21.5 -1.0				
TNCH					19 21 25.2 -0.9				
TNCH					19 21 27.6 +0.2				
TNCH					19 21 44.4 +0.7				
TNCH					19 23 58.7 -0.4				
TNCH					19 30 34.9 -1.3				
TNCH					19 35 02.8 -5.2				
TNCH	comp=Z,21nm,1.3s								
TNCH	comp=Z,280nm,4.1s								
TNCH	comp=Z,6um,15.9s								
TNCH	comp=Z,6um,14.1s								
TNCH	comp=Z,16um,24.4s				19 49 11.2				
MA2	Magadan	70.67 354	LR	LR	19 49 11.2				
MA2	Magadan	70.67 354	IAMS_20	IAMS_20	19 48 38.3				
MA2	Magadan	70.67 354	iP	P	19 21 20.6 -1.5				
MA2									
MA2	comp=Z,18nm,0.8s								
LZH	Lanzhou	71.25 314	iP	P	19 21 25.7 -0.7				
LZH					19 21 29.8 -0.1				
LZH					19 30 3.3				
LZH					19 35 15.1 -2.9				

LZH	comp=Z,95nm,1.2s								
LZH	comp=Z,10um,7.4s								
LZH	comp=Z,7um,14.1s								
LZH	comp=Z,46um,16.3s								
LZH	comp=Z,50um,17.7s								
PBA	Port Blair	71.44 286	P	P	19 21 30.5 +2.7				
MND	Mandalay	71.54 298	P	P	19 21 27.7 -0.5				
SPIA	Saint Paul Is	71.79 16	P	P	19 21 26.1 -2.9				
SPIA	Saint Paul Is	71.79 16	P	P	19 21 28.3 -0.7				
SPIA	comp=Z,210				19 30 55.6 +7.0				
FALS	False Pass	71.96 21	P	P	19 21 28.7 -1.3				
FALS	comp=Z,217				19 30 54.7 +4.1				
S12K	Black Hills	73.11 21	P	P	19 21 34.1 -2.8				
S12K	comp=Z,218				19 31 07.1 -1.8				
SDPT	Sand Point	73.40 22	P	P	19 21 34.8 -3.7				
SDPT	comp=Z,220				19 31 06.0 -1.0				
LKP	Lekhapani	73.66 303	eP	P	19 21 39.8 -1.0				
LKP	comp=Z,81nm,1.1s				19 21 45.1				
SEY	Seymchan	73.86 356	LR	LR	19 50 23.1				
SEY	comp=Z,33				19 21 37.2 -3.9				
SEY	Seymchan	73.86 356	eP	P	19 21 37.2 -3.9				
SEY	comp=Z,60nm,1.9s								
MOKO	MOKOCHONG	74.41 301	eP	P	19 21 44.5 -0.8				
MOKO	comp=Z,44um,20.0s				19 21 49.8				
SAIH	SAIHA	74.42 297	eP	P	19 21 44.3 -1.2				
SAIH	comp=Z,103nm,1.1s				19 51 22.9				
DIBR	DIBRUGARH	74.49 303	eP	P	19 21 46.7 +1.1				
DIBR	comp=Z,26um,20.2s				19 21 50.6				
KOHI	KOHIMA	74.54 301	eP	P	19 21 44.0 -2.1				
CIT	Chita	74.74 332	eP	P	19 21 42.0 -4.6				
CIT	comp=Z,59.0				19 24 39.3				
CIT	comp=Z,59.0				19 31 23.0 +0.6				
JORH	JORHAT	74.78 302	eP	P	19 21 46.3 -1.0				
JORH	comp=Z,150nm,0.2s				19 21 51.5				
CHGN	Chignik	74.88 22	P	P	19 21 46.2 -1.0				
CHGN	comp=Z,221				19 31 28.8 +5.2				
ITAN	ITANAGAR	75.36 302	eP	P	19 21 49.5 -1.2				
ITAN	comp=Z,291nm,1.3s				19 22 00.3				
ZIRO	ZIRO	75.39 302	eP	P	19 21 50.5 -0.5				
ZIRO	comp=Z,63nm,0.9s				19 21 56.3				
ULN	Ulaanbaatar	75.48 326	P	P	19 21 49.3 -1.8				
ULN	comp=Z,158nm,1.1s								

9d 19h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like TTA, N20K, CAPN, M20K, MOY, SEW, L20K, BOK, Q22K, RAMN, SIA, SUA, SKT, RC01, K20K, Q23K, G23K, M22K, VIS, PWL, PPLA, JIRN, PALK, PALK, PALK, PALK, PMR, PMR, PMR, J20K, J20K, J20K, KNK, KNK, CUT, CUT, GUN, GHO, GHO, CAST, CAST, CAST, JHSG, JHSG, PAF, SML, SML, CHUM, CHUM.

2016 DEC

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like PKI, PKIN, EYAK, EYAK, M23K, M23K, KTH, KTH, DMN, KAIM, KAIM, KAIM, RD0G, SCM, SCM, SCM, TRF, TRF, TRF, WAT1, WAT1, BPAW, BPAW, BPAW, HMT, SUCK, KLU, KLU, KLU, MAW, MAW, MAW, WAT6, WAT6, RND, RND, BMRM, BMRM, BGLC, BGLC, M24K, M24K, M24K, I21K, I21K, I21K, I21K, MCK, MCK, MCK, H21K, H21K, H21K, SNH, BWN, DHY, DHY, DHY, MDRS, MDRS, N25K, N25K, N25K, WAX, MLY, MLY, MLY, GLB, GLB, VRDI, VRDI, MESA, MESA, MESA, VAR, G21K, G21K, HARP, HARP, HARP, VJD.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like VJD, NEA2, NEA2, NEA2, ISLE, ISLE, KOLN, KOLN, KOLN, YAH, YAH, MCARA, MCARA, MCARA, PAX, PAX, WRH, I23K, I23K, I23K, TABL, CCB, F21K, F21K, MDM, MDM, MDM, BARN, BARN, BARN, TCOL, TCOL, TCOL, COLA, COLA, COLA, COLA, COLA, COLA, HDA, HDA, HDA, HDA, PINM, PINM, PINM, K24K, K24K, H23K, H23K, H23K, PNL, PNL, BCPM, M26K, M26K, M26K, ILAR, ILAR, ILAR, ILAR, POKR, POKR, POKR, O28M, L26K, L26K, L26K, F22K, TIXI, TIXI, TIXI, TIXI, TIXI, G23K, G23K, H24K, H24K, H24K, M27K, M27K, M27K, SALM, SALM, SALM.

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S31K	Pelican	85.31	28	P	P	19 22 43.9 +0.5	E24K	Your Creek	86.47	17	P	P	19 22 48.5 -0.6	T35M	Bob Quinn	87.78	31	P	P	19 22 56.2 +0.5	
S31K	baz=241			S	S	19 33 16.7 +3.4	WRAK	Wrangell Islan	86.49	31	P	P	19 22 49.0 -0.3	T35M	baz=246			S	S	19 33 40.9 +3.5	
SIT	Sitka	85.31	29	P	P	19 22 43.5 0.0	WRAK	baz=244			S	S	19 33 30.0 +5.1	G27K	baz=246	87.79	19	P	P	19 22 55.4 -0.1	
SIT	baz=242			S	S	19 33 19.5 +6.2	FYU	Fort Yukon	86.50	19	IAMS_20	IAMS_20	19 56 26.1	G27K	baz=236			S	S	19 33 39.9 +2.5	
SCRK	Sand Creek	85.36	21	P	P	19 22 42.5 -1.3	TOLK	Toolik Lake Re	86.54	16	IAMS_20	IAMS_20	19 54 53.7	DGZ	Jazzator, Alta	87.83	321	ceP	P	19 22 53.4 -2.9	
SCRK	baz=234,SNR=6.3			S	S	19 33 15.1 +1.2	TOLK	Toolik Lake Re	86.54	16	P	P	19 22 50.3 +0.9	DGZ	baz=236			S	S		
COLD	Coldfoot	85.42	17	P	IAMB	19 22 42.2 -1.6	TOLK	baz=228			S	S	19 33 33.2 +8.0	DGZ	comp=Z,7.0nm,0.7s			MLR	MLR		
COLD	comp=Z,191nm,2.1s			IAMB	IAMB	19 23 21.8	M29M	Somme Creek	86.59	24	P	P	19 22 48.7 -1.2	D25K	comp=Z,32um,18.0s	87.87	16	P	P	19 22 56.3 +0.4	
COLD	baz=228			S	S	19 22 44.3 +0.4	M29M	baz=239			S	S	19 33 33.4 +7.4	P33M	Kavir River	87.91	27	P	P	19 22 55.9 -0.4	
O29M	Mount Kennedy	85.44	26	P	P	19 22 44.1 -0.1	SAO	San Andreas Ge	86.61	52	P	IAMB	IAMB	19 22 48.4 -2.1	P33M	Teslin, Yukon	87.91	27	P	P	19 22 55.9 -0.4
O29M	baz=239			S	S	19 33 13.4 -1.4	SAO	comp=Z,93nm,1.2s			P	IAMB	IAMB	19 23 25.2	SCI2	San Clemente I	87.92	56	P	P	19 22 56.2 -0.6
YUK3	Moose Creek	85.44	24	P	P	19 22 45.4 +1.0	SAO	San Andreas Ge	86.61	52	P	P	19 22 48.4 -2.1	SCI2	baz=256			S	S	19 33 36.8 -3.1	
YUK3	baz=237,SNR=8.0			S	S	19 33 20.2 +5.2	SAO	comp=Z,93nm,1.3s			MLR	MLR	19 22 49.0 -1.2	JHNI	Jhansi	87.94	296	ex	IAMB	IAMB	
P29M	Windy Craggy	85.45	27	P	P	19 22 44.9 +0.7	N30M	Aishik Lake	86.65	25	P	P	19 22 49.0 -1.2	JHNI	comp=Z,18nm,1.1s			IAMB	IAMB	19 23 21.0	
P29M	baz=240			S	S	19 33 13.5 -1.3	N30M	baz=240			S	S	19 33 35.6 +9.0	NLWA	Neilton Lookou	88.02	41	IAMS_20	IAMS_20	19 54 49.1	
YUK8	Steele Glacier	85.45	25	P	P	19 22 46.0 +1.5	O30N	Mendenhall	86.73	26	P	P	19 22 50.1 -0.5	VOG	Catalina River	88.09	53	P	P	19 22 58.5 +0.9	
YUK8	baz=238			S	S	19 33 20.3 +5.0	O30N	baz=241			S	S	19 33 36.0 +8.6	VOG	comp=Z,34um,20.0s			S	S	19 33 38.6 -2.7	
E22K	Anaktuvuk Pass	85.59	16	P	P	19 22 46.2 +1.4	A21K	Barrow	86.73	13	IAMS_20	IAMS_20	19 55 09.8	M31M	Drury Creek, Y	88.13	25	P	P	19 22 56.0 -1.2	
E22K	baz=226			S	S	19 33 20.0 +4.2	A21K	comp=Z,50um,22.0s			P	P	19 22 50.5 +0.3	M31M	baz=242			S	S	19 33 39.8 -0.8	
L27K	Beaver Creek,	85.62	23	P	IAMB	19 22 42.0 -3.0	A21K	baz=221			S	S	19 33 33.2 +6.5	CIS	Catalina Islan	88.14	56	P	P	19 22 56.2 -1.7	
L27K	comp=Z,220nm,1.6s			IAMS_20	IAMS_20	19 23 22.9	EGAK	Eagle	86.83	21	IAMB	IAMB	19 23 23.8	CIS	baz=256			S	S	19 33 41.6 -0.4	
L27K	comp=Z,45um,20.0s			S	S	19 22 44.7 -0.3	EGAK	comp=Z,125nm,1.1s			P	P	19 22 49.4 -1.5	I29M	Ogilvie Camp,	88.16	21	IAMB	IAMB	19 23 24.2	
L27K	baz=236			P	P	19 33 14.4 -2.0	EGAK	baz=236,SNR=11			S	S	19 33 36.5 +8.5	I29M	comp=Z,92nm,1.0s			IAMS_20	IAMS_20	19 55 57.6	
BVCY	Beaver Creek	85.63	23	P	P	19 22 44.0 -1.1	EGAK	baz=236			S	S	19 33 35.5 +8.5	I29M	comp=Z,57um,22.0s	88.16	21	P	P	19 22 56.0 -1.4	
BVCY	baz=237			S	S	19 33 22.1 +5.6	BBGB	Big Mountain B	86.87	52	P	P	19 22 50.5 -1.4	I29M	baz=239,SNR=12			S	S	19 33 39.0 -1.8	
BCAR	Beaver Creek A	85.64	23	P	P	19 22 43.0 -2.1	F25K	Christian Rive	87.00	18	P	P	19 22 53.1 +1.4	KAAM	Kaadhehdhoo	88.17	271	P	P	19 23 03.7 +5.2	
CRAG	Craig	85.68	31	P	P	19 22 49.8 +4.4	F25K	baz=232			S	S	19 33 33.6 +3.8	MAYO	Mayo, Yukon	88.16	24	P	P	19 22 54.4 -3.1	
CRAG	baz=244			S	S	19 33 21.3 +4.2	L29M	L29M	87.06	23	P	P	19 22 51.7 -0.4	MAYO	baz=241			S	S	19 33 40.1 -1.0	
KOD	Kodaikanal	85.68	281	eP	IAMB	19 22 49.7 +3.0	L29M	baz=239			S	S	19 33 36.3 +5.9	OSI	Osito Audit: C	88.19	54	P	P	19 22 56.1 -2.1	
KOD	comp=Z,30nm,0.7s			IAMB	IAMB	19 23 04.3	C23K	Ikilik River	87.07	15	P	P	19 22 52.3 +0.4	OSI	baz=256			S	S	19 33 42.8 +0.3	
WMQ	Urumqi	85.71	316	P	P	19 22 44.1 -1.8	C23K	baz=227			S	S	19 33 27.5 -2.7	YES	Vestal, Richgr	88.21	53	P	P	19 22 58.1 -0.1	
WMQ	comp=Z,52nm,1.9s			pP	pP	19 22 51.1 +0.3	DAWY	Dawson	87.08	22	IAMB	IAMB	19 23 20.0	YES	baz=255			S	S	19 33 41.9 -0.5	
WMQ	comp=Z,2um,8.7s			sP	pwP	19 22 57.5 +1.7	DAWY	comp=Z,194nm,1.5s			P	P	19 22 54.0 +1.8	N32M	Quiet Lake	88.21	26	P	P	19 22 58.3 +0.6	
WMQ	comp=Z,37um,18.9s			S	S	19 33 19.2 +1.1	DAWY	baz=238,SNR=12			S	S	19 33 34.9 +4.2	N32M	baz=244			S	S	19 33 42.1 +0.6	
WMQ	comp=Z,22um,21.7s			LR	LR		YBH	Yreka Blue Hor	87.09	47	P	P	19 22 49.7 -3.1	ARVC	Arvin	88.23	54	P	P	19 22 56.7 -1.6	
WMQ	comp=Z,34um,25.7s			LR	LR		YBH	comp=Z,6.2nm,1.0s,baz=174,slow=3.2,SNR=1.0			LR	LR	19 54 12.1	ARVC	baz=256			S	S	19 33 43.9 +1.2	
R31K	City Hall, Gus	85.76	28	P	P	19 22 44.4 -1.2	YBH	Yreka Blue Hor	87.09	47	P	IAMS_20	IAMS_20	19 22 50.2 -2.6	AKL	Akola	88.28	291	eP	IAMB	IAMB
R31K	baz=242			S	S	19 33 20.8 +3.1	YBH	comp=Z,31um,19.0s			IAMS_20	IAMS_20	19 59 46.3	AKL	comp=Z,39nm,1.6s			IAMB	IAMB	19 23 13.4	
PRP	Porcupine Dome	85.76	20	IAMS_20	IAMS_20	19 55 05.7	YBH	Yreka Blue Hor	87.09	47	P	P	19 22 50.2 -2.6	FMP	Fort Macarthur	88.31	55	P	P	19 22 58.6 -0.1	
PRP	comp=Z,55um,21.0s			S	S	19 33 17.1 -0.8	YBH	comp=Z,83nm,1.5s			MLR	MLR	19 22 50.2 -2.6	FMP	baz=256			S	S	19 33 43.4 -0.1	
PRP	baz=232			S	S	19 22 46.6 +0.7	I27K	Kandik River	87.13	20	P	P	19 22 53.8 +1.4	DECC	Green Verdugo	88.41	55	P	P	19 22 56.8 -2.4	
J26L	Joseph Creek	85.82	21	P	P	19 22 45.3 -0.8	I27K	baz=236			S	S	19 33 30.7 -0.3	DECC	baz=256			S	S	19 33 41.0 -3.5	
J26L	baz=234			S	S	19 33 21.3 +3.0	G26K	Porcupine Rive	87.19	19	P	P	19 22 52.8 +0.3	R33M	Jennings River	88.41	28	P	P	19 22 58.1 -0.7	
TRD	Trivandrum	85.83	279	eP	P	19 22 48.8 +1.7	G26K	baz=234			S	S	19 33 34.0 +2.6	R33M	baz=246			S	S	19 33 42.7 -1.0	
TRD	comp=Z,39um,19.0s			S	S	19 33 18.9 -1.4	G26K	San Nicolas Is	87.20	56	P	P	19 22 54.9 +1.5	BHPL	Bhopal	88.44	294	eP	IAMB	IAMB	
TRD	baz=230			IAMS_20	IAMS_20	20 00 45.6	SNCC	baz=255			S	S	19 33 35.2 +2.3	BHPL	comp=Z,20nm,1.1s			IAMB	IAMB	19 23 29.8	
YUK6	Outpost Mounta	85.86	25	P	P	19 22 47.4 +1.0	SNCC	baz=255			S	S	19 33 35.2 +2.3	DLBC	Dease Lake	88.47	29	LR	LR	20 00 15.6	
YUK6	baz=239			S	S	19 33 23.2 +4.0	N31M	Braeurn, Yuko	87.21	25	IAMS_20	IAMS_20	19 55 02.6	DLBC	comp=Z,57um,18.1s,baz=267,slow=34			P	P	19 22 58.3 -0.7	
S32K	Killsnoo	85.86	29	P	P	19 22 45.0 -1.2	N31M	comp=Z,53um,21.0s			P	P	19 22 52.7 -0.1	DLBC	baz=246			S	S	19 33 45.2 +1.0	
JCC	Jacoby Creek,	85.86	47	IAMS_20	IAMS_20	19 57 58.3	N31M	baz=241			S	S	19 33 37.3 +5.4	PASC	Pasadena Art C	88.51	55	IAMS_20	IAMS_20	20 00 27.4	
G24K	Hadweenzic Riv	85.88	18	P	P	19 22 46.9 +0.7	P32M	Atin	87.23	28	P	P	19 22 54.5 +1.5	FARO	Faro, Yukon	88.58	25	P	P	19 23 00.2 +0.9	
G24K	baz=230			S	S	19 33 18.7 -0.1	SC2Z	Santa Cruz Isl	87.30	55	P	P	19 22 50.9 -3.0	FARO	baz=243			S	S	19 33 42.9 -2.1	
MCCM	Marconi Confer	85.91	50	IAMS_20	IAMS_20	20 01 16.8	SC2Z	baz=255			S	S	19 33 36.7 +2.8	E27K	Coleen River	88.59	18	P	P	19 23 00.7 +1.4	
YUK4	Talbot Arm	85.94	25	P	P	19 22 47.7 +0.8	M30M	Minto, Yukon	87.33	24	IAMS_20	IAMS_20	19 56 10.9	E27K	baz=236			S	S	19 33 37.6 -7.2	
U33K	Whale Pass	85.97	31	P	P	19 22 47.4 +0.7	M30M	comp=Z,39um,21.0s			P	P	19 22 54.1 +0.7	C26K	Camden Bay	88.64	16	P	P	19 22 58.4 -1.0	
PLBC	Pleasant Camp	85.97	27	P	P	19 22 46.7 -0.1	E25K	Arctic Village	87.35	18	P	P	19 22 53.8 +5.9	C26K	baz=233			S	S	19 33 40.9 -4.2	
PLBC	baz=241			S	S	19 33 22.8 +2.9	SBC	baz=232			S	S	19 33 35.2 +2.2	ISA	Isabella, Lake	88.64	53	IAMB	IAMB	19 23 35.9	
HOPS	Hopland Field	86.02	49	IAMS_20	IAMS_20	20 00 50.4	SBC	baz=255			S	S	19 33 34.1 -0.2	ISA	comp=Z,92nm,1.5s			S	S	19 33 44.0 -2.8	
P30M	Million Dollar	86.04	26	P	P	19 22 47.4 +0.2	SMMC	Simmler	87.35	53	P	P	19 22 55.0 +0.8	MDPB	Devil's Postpil	88.66	51	IAMB	IAMB	19 23 40.1	
E23K	Chandalar	86.14	17	P	P	19 2															

O20A	White River Ci	97.44	51	P	Pdif	19 23 42.1 +1.0
Y22A	Socorro	97.60	57	P	P	19 23 40.1 -1.7
Y22D	IRIS PASCAL I	97.66	57	P	P	19 23 37.8 -4.3
Y22D	IRIS PASCAL I	97.66	57	P	Pdif	19 23 42.4 +0.3
Y22F	Pascal Instru	97.66	57	P	Pdif	19 23 44.3 +2.2
KBL	Kabul	97.69	304	P	Pdif	19 23 51.6 +9.3
KBL	Kabul	97.69	304	P	Pdif	19 23 51.6 +9.3
KBL	Kabul	97.69	304	P	Pdif	19 23 51.6 +9.3
VNA3	Neumayer Olymp	97.86	183	P	SKSac	19 23 45.5 +5.7
VNA2	Neumayer-Watz	98.04	184	P	P	19 23 41.5 -0.5
ANMO	Albuquerque	98.16	56	LR	LR	19 23 42.3 -0.6
ANMO	Albuquerque	98.16	56	IAMS_20	IAMS_20	20 05 53.8
ANMO	Albuquerque	98.16	56	P	P	19 23 42.9 -1.4
ANMO	Albuquerque	98.16	56	P	P	19 23 43.1 -1.2
ANMO	Albuquerque	98.16	56	P	P	19 23 40.9 -3.4
R22A	4UR Ranch, Cre	98.22	53	P	P	19 23 42.0 -2.6
R22W	Rawlins	98.42	49	IAMS_20	IAMS_20	20 08 57.0
MNTX	Cornudas Mount	98.63	59	IAMS_20	IAMS_20	20 03 43.6
MNTX	Cornudas Mount	98.63	59	P	P	19 23 43.7 -2.6
MNTX	Cornudas Mount	98.63	59	Pdif	Pdif	19 23 46.7 +0.4
BRVK	Borovoye Array	98.96	322	LR	LR	20 08 15.2
BRVK	Borovoye	99.03	322	P	Pdif	19 23 43.2 -4.3
BRVK	Borovoye	99.03	322	IAMS_20	IAMS_20	20 03 22.3
BRVK	Borovoye	99.03	322	P	Pdif	19 23 55.9 +8.4
BRVK	Borovoye	99.03	322	P	Pdif	19 23 55.9 +8.4
BRVK	Borovoye	99.03	322	P	SKSac	19 34 28.7 +3.5
BRVK	Borovoye	99.03	322	P	SKSac	19 34 28.7 +3.5
BRVK	Borovoye	99.03	322	P	Pdif	19 23 44.4 -3.1
BRVK	Borovoye	99.03	322	Pmax	Pmax	
BRVK	Borovoye	99.03	322	MLR	MLR	
K22A	Casper	99.03	48	P	Pdif	19 23 44.2 -3.8
K22A	Casper	99.03	48	Pdif	Pdif	19 23 49.4 +1.4
SDCO	Great Sand Dun	99.26	53	IAMS_20	IAMS_20	20 06 59.9
SDCO	Great Sand Dun	99.26	53	P	Pdif	19 23 47.4 -1.9
SDCO	Great Sand Dun	99.26	53	Pdif	Pdif	19 23 49.5 +0.2
N23A	Red Feather La	99.27	50	Pdif	Pdif	19 23 52.4 +3.1
ISCO	Idaho Springs	99.40	51	P	Pdif	19 23 46.7 -3.2
ISCO	Idaho Springs	99.40	51	Pdif	Pdif	19 23 53.0 +3.0
LAO	LASA Array	99.67	44	P	Pdif	19 23 48.0 -2.7
LAO	LASA Array	99.67	44	Pdif	Pdif	19 23 53.5 +2.9
Q24A	Divide	99.67	52	Pdif	Pdif	19 23 52.3 +1.1
PHWY	Pilot Hill	99.68	50	IAMS_20	IAMS_20	20 07 21.6
TX31	Lajitas Ar. Si	99.80	62	P	Pdif	19 23 53.0 +1.4
TXAR	Lajitas Array	99.80	62	P	Pdif	19 23 51.4 -0.3
TXAR	Lajitas Array	99.80	62	P	Pdif	19 27 59.2 +2.7
TXAR	Lajitas Array	99.80	62	P	Pdif	19 40 14.9 +2.2
TXAR	Lajitas Array	99.80	62	LR	LR	20 05 46.6
T25A	Trinidad	100.06	54	Pdif	Pdif	19 23 54.0 +1.2
RSSD	Black Hills	100.98	47	P	Pdif	19 23 58.2 +1.5
RSSD	Black Hills	100.98	47	Pdif	Pdif	19 23 56.7 0.0
MSTX	Muleshoe	101.07	57	P	Pdif	19 23 54.6 -2.6
MSTX	Muleshoe	101.07	57	Pdif	Pdif	19 23 54.7 -2.6
DGMT	Dagmar	101.18	43	IAMS_20	IAMS_20	20 08 54.3
DGMT	Dagmar	101.18	43	P	Pdif	19 23 54.8 -2.4
DGMT	Dagmar	101.18	43	Pdif	Pdif	19 23 58.0 +0.7
KSCO	Kaye Shedlock	101.63	52	P	Pdif	19 23 59.0 -0.6
KSCO	Kaye Shedlock	101.63	52	Pdif	Pdif	19 23 59.1 -0.6
AMTX	Amarillo	102.05	56	IAMS_20	IAMS_20	20 06 28.0
AMTX	Amarillo	102.05	56	P	Pdif	19 23 59.0 -2.6
AMTX	Amarillo	102.05	56	Pdif	Pdif	19 24 02.8 +1.3
OGNE	Ogallala	102.23	50	P	Pdif	19 24 00.7 -1.5
OGNE	Ogallala	102.23	50	Pdif	Pdif	19 24 04.5 +2.3
UNGN	Universidad Na	102.66	73	IAMS_20	IAMS_20	20 08 57.2
FFC	Filin Flon	102.80	36	IAMS_20	IAMS_20	20 06 47.9
JCT	Junction City	103.26	61	P	Pdif	19 24 01.1 -5.9
JCT	Junction City	103.26	61	Pdif	Pdif	19 24 09.5 +2.5
833A	Chaparral WMA	103.43	63	P	Pdif	19 24 06.0 -1.6
833A	Chaparral WMA	103.43	63	Pdif	Pdif	19 24 08.0 +0.3
E28A	Huff	103.46	45	P	Pdif	19 24 06.4 -1.1
ABTX	Abilene, Hawle	103.56	59	P	Pdif	19 24 06.9 -1.4
ABTX	Abilene, Hawle	103.56	59	Pdif	Pdif	19 24 10.5 +2.2
CBKS	Cedar Bluff	103.87	53	IAMS_20	IAMS_20	20 08 46.8
CBKS	Cedar Bluff	103.87	53	P	Pdif	19 24 07.5 -2.0
CBKS	Cedar Bluff	103.87	53	Pdif	Pdif	19 24 11.8 +2.3
MDND	Maddock	104.23	43	P	Pdif	19 24 04.3 -6.5
MDND	Maddock	104.23	43	Pdif	Pdif	19 24 12.4 +1.6
MSEY	Mahe Island	104.33	262	IAMS_20	IAMS_20	20 08 20.5
MSEY	Mahe Island	104.33	262	P	Pdif	19 24 19.0 +6.9
MSEY	Mahe Island	104.33	262	S	SKSac	19 34 58.9 +6.5
MSEY	Mahe Island	104.33	262	P	Pdif	20 07 41.5
WMOK	Wichita Mounta	104.42	57	IAMS_20	IAMS_20	20 07 41.5
WMOK	Wichita Mounta	104.42	57	P	Pdif	19 24 08.8 -3.2
WMOK	Wichita Mounta	104.42	57	Pdif	Pdif	19 24 12.4 +0.4
OK038	West end E0370	104.54	55	IAMS_20	IAMS_20	20 03 30.6
OK038	West end E0370	104.54	55	IAMS_20	IAMS_20	20 10 36.6
SUSD	Miller	104.64	47	P	Pdif	19 24 08.4 -4.3
SUSD	Miller	104.64	47	Pdif	Pdif	19 24 15.2 +2.4
R32A	Long Quarter,	104.66	53	P	Pdif	19 24 08.8 -4.2
KVXT	Kingsville	104.68	64	P	Pdif	19 24 13.5 +0.2
K31A	O'Neill	104.75	49	P	Pdif	19 24 11.5 -1.8
OK032	Salt Plains WL	104.99	55	IAMS_20	IAMS_20	20 14 27.3

BGNE	Belgrade	105.18	50	P	Pdif	19 24 17.5 +2.3
BGNE	Belgrade	105.18	50	Pdif	Pdif	19 24 17.5 +2.3
435B	Jarrell	105.19	61	IAMS_20	IAMS_20	20 06 04.3
435B	Jarrell	105.19	61	P	Pdif	19 24 08.1 -7.3
435B	Jarrell	105.19	61	Pdif	Pdif	19 24 18.4 +3.0
WHTX	Lake Whitney,	105.37	60	P	Pdif	19 24 13.3 -2.9
WHTX	Lake Whitney,	105.37	60	Pdif	Pdif	19 24 17.8 +1.6
Z35A	Perchaven, San	105.61	58	P	Pdif	19 24 18.6 +1.3
N33B	J Bar K, Exete	105.69	51	P	Pdif	19 24 18.5 +1.0
ARU	Arti	105.86	326	IAMS_20	IAMS_20	20 14 53.8
ARU	Arti	105.86	326	P	Pdif	19 24 17.8 0.0
ARU	Arti	105.86	326	S	MLR	19 34 57.8 +0.5
OK050	Pawnee Station	105.96	55	IAMS_20	IAMS_20	20 10 54.1
D32B	Dogwood Acres,	105.99	44	P	Pdif	19 24 17.4 -1.2
OK048	Pawnee Station	105.99	55	IAMS_20	IAMS_20	20 11 03.9
OK045	Pawnee Station	106.01	55	IAMS_20	IAMS_20	20 11 13.3
OK046	Pawnee Station	106.02	55	IAMS_20	IAMS_20	20 11 13.7
KSU1	Kansas State U	106.32	52	IAMS_20	IAMS_20	20 12 17.4
KSU1	Kansas State U	106.32	52	P	Pdif	19 24 16.7 -3.6
KSU1	Kansas State U	106.32	52	Pdif	Pdif	19 24 20.5 +0.2
ECSO	EROS Data Cent	106.32	48	IAMS_20	IAMS_20	20 16 04.1
ECSO	EROS Data Cent	106.32	48	P	Pdif	19 24 25.6 +5.4
ECSO	EROS Data Cent	106.32	48	Pdif	Pdif	19 24 24.3 +4.0
T35B	Sooner Cattle	106.35	55	P	Pdif	19 24 22.4 +1.9
L34A	Svensen Farm,	106.51	49	P	Pdif	19 24 22.4 +1.3
F33A	5 Mile Ranch,	106.52	45	P	Pdif	19 24 21.9 +0.9
HKT	Hockley	106.65	62	IAMS_20	IAMS_20	20 16 31.0
HKT	Hockley	106.65	62	P	Pdif	19 24 20.5 -1.3
AGMN	Agassiz Nation	106.73	43	IAMS_20	IAMS_20	20 15 58.3
AGMN	Agassiz Nation	106.73	43	P	Pdif	19 24 19.8 -2.1
AGMN	Agassiz Nation	106.73	43	Pdif	Pdif	19 24 25.0 +3.1
237A	Washetta, Mont	106.77	60	P	Pdif	19 24 23.5 +1.0
TUL1	Leonard	106.91	56	IAMS_20	IAMS_20	20 14 56.3
TUL1	Leonard	106.91	56	P	Pdif	19 24 17.5 -5.5
TUL1	Leonard	106.91	56	Pdif	Pdif	19 24 28.2 +5.2
N35A	Tabor	107.07	51	P	Pdif	19 24 18.0 -5.6
X37A	Clayton	107.22	57	P	Pdif	19 24 22.3 -2.1
Z38A	M. Pleasant	107.51	58	P	Pdif	19 24 25.1 -0.6
NATX	Nacogdoches	107.73	60	P	Pdif	19 24 21.0 -5.7
NATX	Nacogdoches	107.73	60	Pdif	Pdif	19 24 28.8 +2.1
VOI	Volhodka	107.78	243	IAMS_20	IAMS_20	20 06 56.0
U38A	Gravette	108.05	55	P	Pdif	19 24 26.1 -2.0
ABPO	Ambohimpanom	108.34	246	IAMS_20	IAMS_20	20 08 54.4
F36A	Milaca	108.45	41	P	Pdif	19 24 41.1 +1.1
I37B	Waseca	108.64	47	P	Pdif	19 24 41.0 +1.1
P38A	Dawn	108.70	52	P	Pdif	19 24 30.0 -0.9
MIAR	Mount Ida	108.70	57	IAMS_20	IAMS_20	20 10 19.0
MIAR	Mount Ida	108.70	57	P	Pdif	19 24 32.2 +1.2
MIAR	Mount Ida	108.70	57	Pdif	Pdif	19 24 35.3 +4.3
SCIA	State Center	108.87	49	P	Pdif	19 24 43.7 +1.2
SCIA	State Center	108.87	49	Pdif	Pdif	19 24 33.7 +2.2
N38A	Joe South For	108.89	51	P	Pdif	19 24 36.7 +5.0
S39A	Bolivar	108.90	54	P	Pdif	19 24 43.7 +1.2
441A	DeRidder	108.96	61	P	Pdif	19 24 43.7 +1.1
SPMN	Marine on St.	108.99	46	P	Pdif	19 24 41.9 +1.0
SPMN	Marine on St.	108.99	46	Pdif	Pdif	19 24 43.4 +1.1
K38A	Parkersburg	109.17	49	P	Pdif	19 24 37.6 +4.7
TULEG	Thule	109.28	11	IAMS_20	IAMS_20	20 19 49.7
EYMN	Ely	109.67	43	IAMS_20	IAMS_20	20 17 37.1
EYMN	Ely	109.67	43	P	Pdif	19 24 40.7 +5.7
EYMN	Ely	109.67	43	Pdif	Pdif	19 24 40.9 +5.9
342B	Flagon Creek P	109.72	61	P	Pdif	19 24 39.6 +4.1
R40A	Maddies Statio	109.72	53	P	Pdif	19 24 36.3 +0.9
E38A	The Farm, Brul	109.76	44	P	Pdif	19 24 46.7 +1.1
P40A	Paris	109.85	52	P	Pdif	19 24 33.4 -2.6
KBS	Kingsbay	110.27	354	IAMS_20	IAMS_20	20 08 59.6
L40A	Anamosa	110.34	49	P	Pdif	19 24 42.3 +4.2
143A	Landing,	110.51	59	P	Pdif	19 24 34.9 -4.2
CCM	Cathedral Cave	110.53	53	IAMS_20	IAMS_20	20 12 29.0
CCM	Cathedral Cave	110.53	53	P	Pdif	19 24 40.0 +0.9
CCM	Cathedral Cave	110.53	53	Pdif	Pdif	19 24 41.6 +2.5
I40A	Norwalk	110.65	47	P	Pdif	19 24 51.3 +1.2
N41A	Harden Midland	110.70	51	P	Pdif	19 24 45.0 +5.2
G40A	Rib Lake	110.82	46	P	Pdif	19 24 44.0 +3.8
JFWS	Jewell Farm	111.00	48	IAMS_20	IAMS_20	20 20 24.8
JFWS	Jewell Farm	111.00	48	P	Pdif	19 24 41.8 +0.8
JFWS	Jewell Farm	111.00	48	Pdif	Pdif	19 24 49.1 +8.0
344A	Westbrook Farm	111.08	60	P	Pdif	19 24 50.3 +8.6
FVM	French Village	111.18	53	P	Pdif	19 24 46.9 +4.9
PBMO	Poplar Bluff	111.23	55	P	Pdif	19 24 47.2 +5.0
VBMS	Vicksburg	111.26	60	P	Pdif	19 24 49.0 +6.6
VBMS	Vicksburg	111.26	60	Pdif	Pdif	19 24 49.6 +7.2
545B	Wilberts Farm,	111.28	62	P	Pdif	19 24 47.5 +5.0
SLM	Saint Louis	111.30	53	P	Pdif	19 24 41.8 -0.6

L42A	Oliver, Polo	111.50	49	P	Pdif	19 24 50.0 +6.7
D41A	Chassel	111.75	44	P	Pdif	19 24 52.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like AKBB Milan, I62A Tamworth, G62A West of Eustis, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like VTS Vitosh, VRSAC Vranov, BRG Bergiesshubel, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like FOEL Foel Wyifa, BFO Black Forest, DOU Dourbes, etc.

ICD 09 19:13:17.4, 2.2, 10.88S; 161.33E, h0km, mb4.6/6, mbmp4.5/6, Error ellipse: s-maj=9.0, 1km s-min=36.2km az=150.0
ISC-EH 09 19:13:18.9, 11.08S; 161.33E, h15km, Error ellipse: s-maj=8.5km s-min=6.8km az=92.0
NEIC 09 19:13:22.2, 2.2, 11.07S; 161.5E, 0.1, h39km, gkm, mb5.5/2.0 Error ellipse: s-maj=15.6km s-min=11.7km az=62.0
ISC 09 19:13:20.9, 0.5, 11.01S; 160.06E; 139E, 0.08, h28km, m69, c194875, mb5.5/3.0, Bougainville-Solomon Islands region

Code Station Name A° AZ° Phase ID Time Res Op ISC h m s ISC

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOO Toolangi, MYLDM Lahad Datu, KKM Kota Kinabalu, etc.

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

Table listing stations and their coordinates. Columns include call sign, name, latitude, longitude, elevation, and other technical details.

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ISC-EH 09 19:21:46.0, 11°16'S; 161°59'E, h15km, Error ellipse: s-maj=15.8km s-min=11.8km az=130.0

IDC 09 19:21:47.8, 1, 11°28'S; 161°33'E, h0km, mb4.2/8, mbtmp4.2/8, Error ellipse: s-maj=54.0km s-min=26.3km az=136.0

NEIC 09 19:21:50.0, 1, 11°25'S; 161°7E, 0.1, h41km, 7km, mb5.0/24, Error ellipse: s-maj=21.3km s-min=12.3km az=59.0

ISC 09 19:21:48.2, 0.6, 11°16'S; 0°08', 161°15'E, 0.1, h28km, n42, 163/42, mb4.8/19, Bougainville-Solomon Islands region

Table listing stations and their coordinates. Columns include call sign, name, latitude, longitude, elevation, and other technical details.

IDC 09 19:24:07.8, 3.8, 10°92'S; 161°04'E, h0km, mb4.0/4, mbtmp4.0/4, Error ellipse: s-maj=124.9km s-min=43.0km az=136.0, Bougainville-Solomon Islands region

IDC 09 19:24:55.2, 3.3, 10°58'S; 161°25'E, h0km, mb4.0/4, mbtmp4.0/4, Error ellipse: s-maj=110.3km s-min=40.7km az=134.0, Bougainville-Solomon Islands region

IDC 09 19:26:05.0, 0.1, 2, 10°63'S; 161°05'E, h0km, mb4.1/7, mbtmp4.2/9, ML3.8/2, Error ellipse: s-maj=37.9km s-min=26.0km az=135.0

NEIC 09 19:26:13.6, 2.1, 10°69'S; 0°08', 160°64'E, 0.07, h35km, 2km, mb4.5/8, Error ellipse: s-maj=15.6km s-min=10.6km az=145.0

ISC 09 19:26:10.8, 0.7, 10°70'S; 0°09', 160°9E, 0.1, h35km, n21, 171/21, mb4.3/11, Bougainville-Solomon Islands region

Table listing stations and their coordinates. Columns include call sign, name, latitude, longitude, elevation, and other technical details.

IDC 09 19:26:05.0, 0.1, 2, 10°63'S; 161°05'E, h0km, mb4.1/7, mbtmp4.2/9, ML3.8/2, Error ellipse: s-maj=37.9km s-min=26.0km az=135.0

NEIC 09 19:26:13.6, 2.1, 10°69'S; 0°08', 160°64'E, 0.07, h35km, 2km, mb4.5/8, Error ellipse: s-maj=15.6km s-min=10.6km az=145.0

ISC 09 19:26:10.8, 0.7, 10°70'S; 0°09', 160°9E, 0.1, h35km, n21, 171/21, mb4.3/11, Bougainville-Solomon Islands region

Table listing stations and their coordinates. Columns include call sign, name, latitude, longitude, elevation, and other technical details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EPYK Eagle Plains, DSP Deep Springs, NVAR Mina Array Bea, etc.

NEIC 09 19:37:08.1±0.1, 43.27N;78.74E, h0km, mb2.7, mpv2.5, Error ellipse: s-maj=1.6km s-min=0.6km az=173.0

SOME 09 19:37:08.1±0.1, 43.27N;78.73E, h5km Error ellipse: s-maj=1.6km s-min=0.6km az=173.0

ISC 09 19:37:08.1±0.1, 43.27N;78.74E±0.02, h4km±16km, n12, c034/23, 4C-2D Lat Issyk-Kul region

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

NNC 09 19:37:08.1±0.1, 43.27N;78.74E, h0km, mb2.7, mpv2.5, Error ellipse: s-maj=1.6km s-min=0.6km az=173.0

SOME 09 19:37:08.1±0.1, 43.27N;78.73E, h5km Error ellipse: s-maj=1.6km s-min=0.6km az=173.0

ISC 09 19:37:08.1±0.1, 43.27N;78.74E±0.02, h4km±16km, n12, c034/23, 4C-2D Lat Issyk-Kul region

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

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

ISC 09 19:37:04.7±2.5, 10.71S;161.06E, h0km, mb4.1/5, mbmp4.1/5, Error ellipse: s-maj=56.0km s-min=30.8km az=86.0

ISC 09 19:37:10.1±2.0, 10.7S;161.0E±0.3, h35km, n6, c15177, mb4.1/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, WRA Warrungarra Arr, ASAR Alice Springs, etc.

ISC 09 19:37:48.6±1.5, 10.91S;161.26E, h0km, mb4.5/9, mbmp4.4/9, Error ellipse: s-maj=42.5km s-min=26.4km az=143.0

NEIC 09 19:37:49.6±2.1, 10.90S;0.07;161.18E±0.09, h10km±1km, mb4.7/36, Error ellipse: s-maj=16.4km s-min=11.0km az=61.0

ISC-EH 09 19:37:50.1, 10.94S;161.11E, h15km, Error ellipse: s-maj=10.8km s-min=7.9km az=123.0

ISC 09 19:37:50.3±0.6, 10.94S;0.07;161.16E±0.08, h18km, m59, c1355/59, mb4.6/24, Bougainville-Solomon Islands region

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

STKA Stephens Creek 27.58 218 P P 19 43 36.8 +0.2

ASAR Alice Springs 28.87 240 P P 19 43 49.8 +1.6

MTN Manton Dam 29.43 263 P P 19 43 59.1 +5.9

TOO Toolangi 30.02 205 P P 19 43 55.5 +0.2

BKZ Black Stump Fm 31.26 157 P P 19 44 11.5 +2.4

BBOO Buckleboole 31.72 223 P P 19 44 14.8 +1.5

PSA00 Pilbara Seismi 40.93 250 P P 19 45 29.2 -2.9

MYLDM Lahad Datu 45.83 289 P P 19 46 07.7 -0.4

NORW Morawa 45.75 240 P P 19 46 11.2 +0.3

MWAO Narragin (SRO) 45.82 234 P P 19 46 10.8 -0.6

GIRL Giralia 46.23 249 P P 19 46 14.0 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SVW2 Sparrevohn, M19K Big River Lodd, CAST Castle Rocks, etc.

ISC 09 19:38:30.0±0.7, 10.778S;160.96E, h0km, mb4.9/22, mbmp4.8/25, ML4.5/3, Error ellipse: s-maj=20.0km s-min=15.3km az=128.0

MOS 09 19:38:31.6±1.1, 10.773S;161.04E, h26km, mb5.4/31, Error ellipse: s-maj=8.0km s-min=7.5km az=68.3

ISC-EH 09 19:38:33.6, 10.83S;161.07E, h27km±1km, Error ellipse: s-maj=3.9km s-min=3.0km az=143.0

NEIC 09 19:38:34.9±1.7, 10.81S;0.08;161.17E±0.08, h34km±4km, mb5.9/182, Error ellipse: s-maj=12.4km s-min=10.9km az=52.0

BUJ 09 19:38:34.8±0.0, 10.57S;161.09E, h43km, mb4.8/46, mb5.5/2

NOU 09 19:38:51.3, 11.26S;161.06E, h183km, mb5.0/65, Solomon Islands

ISC 09 19:38:34.0±0.4, 10.84S;0.04;161.09E±0.05, h30km±2km, h30km;PP-P.560, c1554/528, mb5.2/177, 17C-10D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, KOUNC Koumac, RABL Rabaul, etc.

CTAO Charters Tower 16.99 235 P Pn 19 42 29.6 +0.1

CTAO Charters Tower 16.99 235 P Pn 19 42 32.0 +0.8

CTAO Charters Tower 16.99 235 P Pn 19 42 29.7 +0.1

EIDS Eidsvold 17.29 212 P P 19 42 35.8 +1.3

EIDS Eidsvold 17.29 212 P P 19 42 34.6 +0.1

EIDS Eidsvold 17.29 212 P P 19 42 36.1 +1.6

COEN Coen 17.77 258 P Pn 19 42 38.5 -0.8

COEN Coen 17.77 258 P Pn 19 42 43.4 +3.5

MSVF Mout Surprise 17.78 244 P P 19 42 38.5 -0.9

MSVF Mout Surprise 17.78 244 P P 19 42 44.1 +4.1

MSVF Mout Surprise 17.80 115 P Pn 19 42 38.7 -1.0

MSVF Mout Surprise 17.80 115 P Pn 19 42 45.7 +5.5

MSVF Mout Surprise 17.82 109 P Pn 19 42 56.0 +2.8

MSVF Mout Surprise 19.35 110 P Pn 19 43 03.6 +5.1

MSVF Mout Surprise 19.44 215 P Pn 19 43 00.6 +1.1

9d 19h

Table with columns: STKA, Stephens Creek, 27.62 218, P, P, 19 44 20.6 +1.6, etc. Lists various stations and their coordinates.

2016 DEC

Table with columns: MEEK, Meekatharra, 42.96 242, P, P, 19 46 30.8 +0.2, etc. Lists various stations and their coordinates.

690

Table with columns: CN2, Changchun, 63.30 332, P, P, 19 48 59.8 -0.2, etc. Lists various stations and their coordinates.

O18K	Koktuh Hills baz=224	78.62	21	P	P	19 50 34.1	+1.4
BILL	Bilibino	78.76	2	P	IAMB	19 50 32.7	-0.5
BILL	comp=Z,41nm,1.4s					19 51 08.7	
BILL	Bilibino	78.76	2	P	P	19 50 32.7	-0.5
BILL						19 50 40.2	
BILL						19 50 32.1	
Q20K	Shuyak Island baz=226	78.77	23	P	P	19 50 34.9	+1.4
ZAK	Zakamensk	78.96	326	eP	pmax	19 50 33.1	-1.7
ZAK							
QSPA	South Pole Qu	79.17	180	P	P	19 50 35.4	-0.5
SVW2	Sparrevohn	79.40	20	P	IAMB	19 50 36.4	-0.5
SVW2						19 50 42.9	
N19K	Donanza Creek baz=224	79.57	20	P	P	19 50 38.8	+0.9
TNA	Tin City	79.60	13	P	P	19 50 39.7	+1.9
M19K	Big River Lodg baz=211	80.08	20	P	IAMB	19 50 41.8	-0.3
M19K						19 50 48.2	
M19K	Big River Lodg baz=224	80.38	20	P	P	19 50 43.1	+0.9
L19K	White Mountain comp=Z,23nm,0.8s	80.43	19	IAMB	IAMB	19 50 48.3	
L19K	White Mountain baz=224	80.43	19	P	P	19 50 43.7	+1.2
TTA	Tatalina	80.61	18	P	P	19 50 43.0	-0.5
TTA	Tatalina baz=223	80.61	18	P	P	19 50 44.4	+1.0
TTA	Tatalina	80.61	18	P	P	19 50 43.0	-0.5
TTA							
M20K	Styx River baz=225	80.79	20	P	P	19 50 45.0	+0.5
MOY	Mondy	80.86	327	eP	pmax	19 50 43.8	-1.3
MOY							
L20K	Forewell, AK baz=225	80.96	19	P	P	19 50 46.8	+1.5
SUA	Susitna One	81.32	21	P	IAMB	19 50 46.5	-0.9
SUA						19 50 52.6	
SUA	Susitna One	81.32	21	P	P	19 50 48.9	+1.5
RC01	Rabbit Creek A baz=229	81.44	22	P	P	19 50 49.5	+1.6
K20K	Telida baz=224	81.53	19	P	P	19 50 49.2	+0.9
M22K	Willow baz=228	81.74	21	P	P	19 50 50.7	+1.4
PPLA	Purkeypile baz=226	81.81	20	P	P	19 50 51.2	+1.3
PMR	Palmer baz=229	81.99	22	P	P	19 50 52.0	+1.3
PALK	Pallekele	82.00	279	eP	pmax	19 50 53.3	+1.4
PALK							
J20K	Nowinta River baz=224	82.09	18	P	P	19 50 52.4	+1.2
CAST	Castle Rocks	82.21	19	P	IAMB	19 50 51.4	-0.4
CAST						19 50 56.8	
CAST	Castle Rocks comp=Z,35nm,0.8s	82.21	19	P	P	19 50 52.1	+0.3
PKI	Pulchoki baz=226,SNR=23	82.55	300	eP	P	19 50 53.8	-1.1
PKIN	Pulchoki comp=Z,46nm,1.4s	82.56	300	eP	P	19 50 53.8	-1.0
M23K	Glacier View baz=230	82.63	22	P	P	19 50 55.3	+1.2
KTH	Kantishna Hill	82.68	20	P	IAMB	19 50 53.6	-0.8
KTH						19 50 59.0	
SCM	Sheep Creek Mo baz=231	82.80	22	P	P	19 50 56.1	+1.0
DMN	Daman	82.82	300	eP	P	19 50 55.7	-0.5
TRF	Thorofare Moun baz=229	82.82	20	P	P	19 50 56.1	+0.8
WAT1	Susitna Watana baz=230	83.00	21	P	P	19 50 57.3	+1.2
KLU	Klutina comp=Z,24nm,1.0s	83.12	23	IAMB	IAMB	19 51 02.1	
KLU	Klutina baz=232	83.12	23	P	P	19 50 58.2	+1.5
WAT6	Susitna Watana baz=230	83.13	21	P	P	19 50 57.6	+0.7
M24K	Tolsona, Glenn baz=232	83.40	22	P	P	19 50 59.3	+1.2
I21K	Tanana comp=Z,14nm,0.9s	83.46	18	IAMB	IAMB	19 51 02.6	
I21K						19 50 59.6	+1.3
MCK	McKinley baz=226	83.46	20	P	P	19 50 57.6	-0.8
MCK	McKinley baz=229,SNR=13	83.46	20	P	P	19 50 59.1	+0.8
MCK	McKinley	83.46	20	P	pmax	19 50 57.6	-0.8
MCK							
H21K	Melozitna Rive baz=225	83.55	17	P	P	19 50 59.9	+1.2
DHY	Denali Highway baz=231	83.57	21	P	P	19 50 59.1	0.0
N25K	Chitina, Valde comp=Z,17nm,1.0s	83.69	23	IAMB	IAMB	19 51 07.0	
N25K	Chitina, Valde baz=233	83.69	23	P	P	19 51 00.3	+0.6
MLY	Manley baz=227,SNR=5.4	83.74	19	P	P	19 51 00.7	+0.9
HARP	HARP baz=233	83.96	22	P	P	19 51 01.9	+0.9
NEA2	Nenana baz=229	83.98	19	P	P	19 51 01.9	+0.9
KOLN	Koldanda comp=Z,39nm,1.5s	84.15	300	eP	P	19 51 01.7	-1.2
DANN	Dangsing comp=Z,44nm,1.1s	84.17	300	eP	P	19 51 01.2	-1.9
MCARA	McCarthy VSAT baz=235	84.17	24	P	P	19 51 04.2	+2.2
PAX	Paxson baz=232	84.19	22	P	P	19 51 03.3	+1.1
WRH	Wood River Hill WRH	84.22	20	P	IAMB	19 51 01.7	-0.5
WRH						19 51 07.6	
I23K	Minto, Yukon-K baz=229,SNR=6.9	84.25	19	P	P	19 51 04.0	+1.6
F21K	Alatina River baz=229	84.47	16	P	P	19 51 04.2	+0.8
MDM	Murphy Dome comp=Z,16nm,0.9s	84.49	19	IAMB	IAMB	19 51 08.4	
BARN	Barnard Glacie	84.53	24	P	P	19 51 03.6	-0.5
BARN						19 51 09.8	
TCOL	CIGO, UAF Yank baz=230	84.56	19	P	P	19 51 04.8	+1.0
COLA	College	84.56	19	P	P	19 51 03.7	-0.2
COLA	College	84.56	19	P	P	19 51 04.4	+0.6
COLA	College	84.56	19	eP	pmax	19 51 04.3	+0.4
COLA							
HDA	Harding Lake comp=Z,12nm,0.8s	84.57	20	IAMB	IAMB	19 51 08.8	
HDA	Harding Lake baz=231,SNR=5.9	84.57	20	P	P	19 51 04.5	+0.5
PINK	Pinnacle baz=237	84.58	25	P	P	19 51 05.9	+1.7
K24K	Donnelly Dome baz=232	84.59	21	P	P	19 51 05.8	+1.6
H23K	Yukon River comp=Z,13nm,0.8s	84.65	18	IAMB	IAMB	19 51 09.8	
H23K	Yukon River baz=228,SNR=7.3	84.65	18	P	P	19 51 05.0	+0.7
M26K	Nabesna, AK baz=235	84.77	23	P	P	19 51 08.2	+3.1
ILAR	Eielson Array comp=Z,3.5nm,1.0s,baz=258,slow=4.7,SNR=14	84.82	20	P	P	19 51 05.2	0.0
ILAR	Eielson Array baz=230	84.82	20	P	P	19 51 04.1	-1.1
POKR	Poker Plat Res baz=230	84.86	19	P	P	19 51 07.1	+1.7

O28M	Mount Upton baz=237	84.97	25	P	P	19 51 07.1	+0.6
L26K	Log Cabin Wild baz=234,SNR=7.7	85.00	22	P	P	19 51 07.6	+1.4
F22K	John River baz=226	85.03	16	P	P	19 51 08.5	+2.3
TIXI	Tiksi	85.06	350	P	IAMB	19 51 04.3	-2.0
TIXI						19 51 14.7	
TIXI	comp=Z,32nm,1.6s	85.06	350	P	pmax	19 51 04.3	-2.0
TIXI							
G23K	Bananza Creek baz=232	85.10	17	P	P	19 51 08.5	+1.9
DOT	Dot Lake comp=Z,15nm,0.8s	85.11	21	IAMB	IAMB	19 51 12.5	
M27K	Edge Creek, AK comp=Z,20nm,1.0s	85.17	23	IAMB	IAMB	19 51 13.4	
M27K	Edge Creek, AK baz=236	85.17	23	P	P	19 51 07.7	+0.5
H24K	Noodor Dome baz=230	85.27	19	P	P	19 51 08.4	+1.4
SCRK	Sand Creek comp=Z,10nm,0.8s	85.33	21	IAMB	IAMB	19 51 13.5	
SCRK	Sand Creek baz=234,SNR=7.0	85.33	21	P	P	19 51 09.0	+1.0
COLD	Coldfoot comp=Z,10nm,0.8s	85.39	17	P	P	19 51 09.3	+1.2
YUK3	Moose Creek baz=237,SNR=8.5	85.41	24	P	P	19 51 09.5	+1.0
YUK8	Steele Glacier baz=238,SNR=8.7	85.42	25	P	P	19 51 10.0	+1.3
E22K	Anaktuvuk Pass baz=226	85.56	16	P	P	19 51 09.8	+0.9
L27K	Beaver Creek	85.59	23	P	IAMB	19 51 07.6	-1.6
L27K						19 51 19.1	
L27K	comp=Z,25nm,1.5s	85.59	23	P	P	19 51 10.5	+1.3
L27K	Beaver Creek baz=236,SNR=5.7	85.59	23	P	P	19 51 10.4	+1.2
BVCY	Beaver Creek baz=237	85.60	23	P	P	19 51 12.0	+1.6
WMQ	Urumqi	85.74	316	eP	pP	19 51 23.6	-1.6
WMQ							
WMQ							
J26L	Joseph Creek baz=234	85.79	21	P	P	19 51 11.8	+1.6
G24K	Hadweznic Riv baz=230	85.86	18	P	P	19 51 11.9	+1.6
YUK4	Talbot Arm baz=239	85.91	25	P	P	19 51 13.0	+1.9
PLBC	Pleasant Camp baz=241	85.94	27	P	P	19 51 12.0	+1.0
E23K	Chandalar baz=228	86.12	17	P	P	19 51 13.4	+1.7
HYT	Haines Juncio baz=240	86.12	26	P	P	19 51 13.4	+1.5
HYB8	Hyderabad (bro F24K	86.20	288	eP	P	19 51 12.6	-0.6
F24K	Squaw Lake	86.26	17	P	P	19 51 14.1	+1.7
G25K	Bearman Lake baz=232	86.32	18	P	P	19 51 13.9	+1.3
D23K	Nanushuk River baz=227	86.44	16	P	P	19 51 14.5	+1.3
E24K	Your Creek baz=229	86.45	17	P	P	19 51 14.3	+0.9
TOLK	Toolik Lake Re baz=228	86.52	16	P	P	19 51 14.8	+1.2
M29M	Somme Creek baz=239	86.56	24	P	P	19 51 14.8	+0.7
N30M	Aishiki Lake baz=240	86.62	25	P	P	19 51 15.3	+1.0
O30N	Mendenhall baz=241	86.70	26	P	P	19 51 15.7	+1.0
A21K	Barrow baz=221	86.71	13	P	P	19 51 15.2	+0.8
EGAK	Eagle comp=Z,33nm,1.3s	86.80	21	IAMB	IAMB	19 51 29.8	
EGAK	Eagle baz=236	86.80	21	P	P	19 51 15.5	+0.5
F25K	Christian Rive baz=242	86.97	18	P	P	19 51 16.8	+0.9
L29M	L29M baz=239	87.03	23	P	P	19 51 17.2	+0.9
YBH	Yreka Blue Hor comp=Z,18nm,1.2s	87.04	47	IAMB	IAMB	19 51 26.7	
C23K	Ikliki River baz=237	87.05	15	P	P	19 51 17.6	+1.5
DAWY	Dawson comp=Z,22nm,1.1s	87.05	22	IAMB	IAMB	19 51 23.1	
DAWY	Dawson baz=238	87.05	22	P	P	19 51 17.3	+0.9
I27K	Kandik River baz=236	87.10	20	P	P	19 51 17.9	+1.3
G26K	Porcupine Rive baz=236	87.16	19	P	P	19 51 18.5	+1.8
N31M	Braeburn, Yuko baz=241	87.18	25	P	P	19 51 18.0	+1.0
M30M	Minto, Yukon baz=240	87.30	24	P	P	19 51 18.6	+1.0
E25K	Arctic						

s-maj=14.0km s-min=11.2km az=92.0
 ISC-EH 09 19:43:23.6, 10.92S, 161.31E, h15km, Error ellipse:
 s-maj=2.9km s-min=2.3km az=143.0
 MOS 09 19:43:24.0, 0.9, 10.83S, 161.23E, h28km, mb5.4/37, Error
 ellipse: s-maj=7.7km s-min=7.0km az=92.5
 NEIC 09 19:43:24.1, 1.5, 10.97S, 0.06, 161.31E, 0.07, h18km, 3km,
 mb5.5/266, Mw5.9/26, Error ellipse: s-maj=11.8km
 s-min=6.1km az=46.0
 BUJ 09 19:43:25.3, 0.0, 10.52S, 161.48E, h33km, mb5.0/60,
 mb5.5/2, Ms5.6/1
 GCMT 09 19:43:27.1, 0.2, 11.02S, 0.02, 161.23E, 0.02, h12km, 1km,
 Mw5.9/107, Moment Tensor Solution: s33, 0.40,
 s107, c203; Duration: 2s2 Moment tensor: Scale 10¹⁸
 Nm; M_{rr}=0.70±0.03; M_{θθ}=0.25±0.02; M_{φφ}=0.44±0.02;
 M_{rr}0.49±0.07; M_{θθ}0.31±0.1; M_{φφ}0.24±0.06; Best double
 couple: Mo.875000±0.18 NP1.φ±128.00000°, δ64.00000°,
 λ77.00000°. NP2.φ±336.00000°, δ29.00000°, λ115.00000°.
 Principal axes: T 0.9130, Plg68.0000°, Azm133.0000°; N
 -0.0750, Plg12.0000°, Azm134.0000°; P -0.8390,
 Plg18.0000°, Azm228.0000°; nsta1 refers to body waves,
 cutoff=40s. nsta2 refers to surface/mantle waves,
 cutoff=50s. Triangular moment-rate function
 NOU 09 19:43:28.2, 10.92S, 161.32E, h38km, mb5.4/108,
 Solomon Islands

NEIC 09 19:43:31.9, 11.37S, 161.31E, h24km, Moment Tensor
 Solution. Duration: 4s6 Moment tensor: Scale 10¹⁸Nm;
 M_{rr}0.96; M_{θθ}-0.30; M_{φφ}-0.66; M_{rr}0.52; M_{θθ}0.29; M_{φφ}0.21;
 Fault plane solution: Mo.1040000±10¹⁸ NP1:
 φ±133.34000°, δ60.43000°, λ75.12000°. NP2:
 φ±341.64000°, δ32.79000°, λ114.35000°. Principal axes:
 T 1.1546, Plg71.0000°, Azm10.0000°; N -0.2228,
 Plg13.0000°, Azm141.0000°; P -0.9318, Plg14.0000°,
 Azm234.0000°

ISC 09 19:43:25.4, 0.2, 10.94S, 0.04, 161.31E, 0.04, h28km, n788,
 φ±192.707, mb5.5/237, Ms5.7/19, 25C-8D,
 Bougainville-Solomon Islands region

Code	Station Name	Lat	Lon	Phase ID	Time	Res
HNR	Honiara	2.01 318	Pn	ISC	19 43 57.9 +0.4	
HNR	Honiara	2.01 318	Pn	ISC	19 43 57.3 -0.2	
HNR	Honiara	2.01 318	Pn	ISC	19 43 58.2 +0.7	
KOUNC	Koumac, New Ca	9.98 164	Pn	Pn	19 45 46.3 -0.7	
KOUNC	Koumac, New Ca	9.98 164	Pn	Pn	19 45 50.0 +3.0	
RABL	Rabaul	11.27 306	Pn	Pn	19 46 03.0 -1.8	
LIFNC	Lifou	11.32 157	Pn	Pn	19 46 02.5 -2.9	
LIFNC	Lifou	11.32 157	Pn	Pn	19 46 03.0 +0.7	
DZM	Mont Dzumac	12.11 157	Pn	Pn	19 46 16.9 +0.6	
DZM	Mont Dzumac	12.11 157	ePn	LR	19 50 44.5	
DZM	Mont Dzumac	12.11 157	ePn	Pn	19 46 14.7 -1.6	
DZM	Mont Dzumac	12.11 157	eLR	LR	19 48 55.4	
DZM	Mont Dzumac	12.11 157	Pn	Pn	19 46 15.0 -1.3	
DZM	Mont Dzumac	12.11 157	Pn	Pn	19 46 19.3 +3.0	
YATNC	Mamie Plateau	12.28 155	P	Pn	19 46 23.3 +4.7	
MARNC	Mare, Loyalty	12.31 149	Pn	Pn	19 46 17.7 -1.2	
MARNC	Mare, Loyalty	12.31 149	P	Pn	19 46 19.6 +0.7	
ONTNC	Ouen Toro	12.33 157	Pn	Pn	19 46 18.8 -0.9	
ONTNC	Ouen Toro	12.33 157	Pn	Pn	19 46 21.1 +1.9	
OUENC	Ouen Island, N	12.58 156	Pn	Pn	19 46 22.5 -0.1	
OUENC	Ouen Island, N	12.58 156	Pn	Pn	19 46 24.7 +2.0	
PMG	Port Moresby	14.01 275	Pn	Pn	19 46 45.6 +3.4	
PMG	Port Moresby	14.01 275	LR	LR	19 51 26.7	
PMG	Port Moresby	14.01 275	Pn	Pn	19 46 39.9 -2.3	
PMG	Port Moresby	14.01 275	Pn	Pn	19 46 44.7 +2.5	
PMG	Port Moresby	14.01 275	Pn	Pn	19 46 44.6 +2.4	
PMG	Port Moresby	14.01 275	Pn	Pn	19 46 40.4 -1.4	
GD1S	Gladstone Soft	16.06 216	P	P	19 47 12.0 -0.5	
RK1H	Rockhampton Ha	16.11 218	P	P	19 47 12.5 -0.6	
TVIH	Townsville Har	16.27 238	P	P	19 47 15.1 +0.3	
MANU	Manus Island	16.42 302	P	Pn	19 47 13.6 -0.5	
MANU	Manus Island	16.42 302	P	Pn	19 47 16.8 +0.2	
TARA	Tarawa	16.81 44	Pn	Pn	19 47 18.3 -0.6	
CTA	Charters Tower	17.11 236	P	Pn	19 47 23.0 +0.3	
CTA	Charters Tower	17.11 236	LR	LR	19 50 02.8	
CTA	Charters Tower	17.11 236	P	P	19 47 25.4 +1.2	
CTAO	Charters Tower	17.11 236	P	Pn	19 47 22.4 -0.4	
CTAO	Charters Tower	17.11 236	P	Pn	19 47 24.8 +0.6	
CTAO	Charters Tower	17.11 236	Pn	Pn	19 47 22.4 -0.4	
EIDS	Eidsvold	17.32 213	P	P	19 47 26.1 -0.4	
EIDS	Eidsvold	17.32 213	P	Pn	19 47 24.2 -1.1	
EIDS	Eidsvold	17.32 213	P	Pn	19 47 29.6 +3.1	
MSVF	Nonsavu	17.56 115	P	P	19 47 28.7 +0.2	
MSVF	Nonsavu	17.56 115	LR	LR	19 52 32.8	
MSVF	Nonsavu	17.56 115	Pn	Pn	19 47 28.2 -0.2	
MSVF	Nonsavu	17.56 115	P	P	19 47 32.1 +2.8	
MSVF	Nonsavu	17.56 115	ePn	P	19 47 30.6 +1.3	
MSVF	Nonsavu	17.56 115	Pn	Pn	19 47 28.2 -0.2	
MSVF	Nonsavu	17.56 115	P	P	19 47 32.1 +2.8	
AUBSH	Beerwah State	17.69 205	P	P	19 47 32.5 +1.9	
MTSU	Mount Surprise	17.93 245	P	P	19 47 34.6 +1.3	
MTSU	Mount Surprise	17.93 245	P	P	19 47 36.4 +3.1	
COEN	Coen	17.96 259	P	P	19 47 35.1 +1.4	
COEN	Coen	17.96 259	Pn	Pn	19 47 31.8 -1.4	
COEN	Coen	17.96 259	P	P	19 47 36.1 +2.4	
AUWSH	Wavelli State H	18.17 204	P	P	19 47 39.0 +3.6	
TAVEN	Taveuni	19.48 212	P	P	19 47 42.0 +0.9	
RMQ	Roma	19.48 216	P	Pn	19 47 51.9 +0.2	
RMQ	Roma	19.48 216	P	Pn	19 47 52.4 +0.8	
FUTU	Futoua	20.35 102	P	P	19 48 01.6 -0.4	
LKBA	Tubou Lakemba	20.35 113	P	Pn	19 48 05.0 -0.6	
LHI	Lord Howe Isla	20.59 185	P	P	19 48 00.8 -1.5	
ARMA	Armidale	21.37 203	P	P	19 48 11.0 +0.1	
ARMA	Armidale	21.37 203	IAmb	IAmb	19 48 09.9 -0.9	
ARMA	Armidale	21.37 203	P	P	19 48 16.1	
ARMA	Armidale	21.37 203	P	P	19 48 12.2 +1.3	
JAY	Jayapura	22.09 291	P	P	19 48 17.7 -1.0	
AULRC	Lightning Ridge	22.21 212	P	P	19 48 21.8 +2.0	
AUPHS	Peel High Scho	22.27 204	P	P	19 48 22.2 +1.8	
QLP	Quilpie	24.20 224	P	P	19 48 21.9 +0.1	
QLP	Quilpie	24.20 224	P	P	19 48 22.7 +0.9	
GENY	Genyem	22.55 290	P	P	19 48 23.5 -0.1	
GENY	Genyem	22.55 290	P	P	19 48 26.3 +2.7	
QIS	Mount Isa	22.95 243	P	P	19 48 28.0 +0.3	
QIS	Mount Isa	22.95 243	P	P	19 48 28.2 +0.5	
AUDCS	Dubbo College	24.20 207	P	P	19 48 40.4 +0.7	
CMSA	Cobar Meteorol	25.08 213	P	P	19 48 47.5 -0.2	
CMSA	Cobar Meteorol	25.08 213	P	P	19 48 48.3 +0.6	
INKA	Innaminka	25.54 226	P	P	19 48 53.4 +1.5	
AUHS	Ulladulla High	26.23 200	P	P	19 49 00.2 +2.1	
AUHS	Afiamalu	26.44 99	LR	LR	19 57 35.0	
SRPI	Seni, Papua	26.47 288	P	P	19 49 00.0 -0.4	
CANB	Canberra Magne	26.63 157	P	P	19 49 03.4 +0.2	
OZU	Omahuta	26.63 157	IAmb	IAmb	19 49 01.2 -0.5	
OZU	Omahuta	26.63 157	P	P	19 49 01.0 +0.8	
OZU	Omahuta	26.63 157	P	P	19 49 05.0 +3.3	
CAN	Canberra	26.73 203	IAmb	IAmb	19 49 21.7	
CAN	Canberra	26.73 203	P	P	19 49 04.6 +1.9	

CAN	Canberra	26.73 203	P	P	19 49 01.9 -0.8
CAN	Canberra	26.73 203	P	P	19 49 05.3 -2.4
WR0	Warramunga Arr	27.28 248	IAmb	IAmb	19 49 15.6
WR0	Warramunga Arr	27.28 248	P	P	19 49 06.3 -2.2
WRAB	Tennant Creek	27.45 248	IAmb	IAmb	19 49 07.5 -1.8
WRAB	Tennant Creek	27.45 248	IAmb	IAmb	19 49 17.2
WRAB	Tennant Creek	27.45 248	P	P	19 49 10.0 +0.7
WRAB	Tennant Creek	27.45 248	eP	P	19 49 10.0 +0.7
WRAB	Tennant Creek	27.45 248	P	P	19 49 10.0 +0.7
WB2	Warramunga Arr	27.45 248	P	P	19 49 09.4 +0.2
WB2	Warramunga Arr	27.45 248	P	P	19 49 08.7 -0.6
WB1	Warramunga Arr	27.46 248	P	P	19 49 09.5 +0.1
WB1	Warramunga Arr	27.46 248	P	P	19 49 08.6 -0.8
WRA	Warramunga Arr	27.46 248	P	P	19 59 12.6
WRA	Warramunga Arr	27.46 248	I	P	19 49 10.1 +0.7
WRA	Warramunga Arr	27.46 248	P	P	19 49 10.1 +0.7
STKA	Stephens Creek	27.67 218	P	P	19 49 10.8 -0.3
STKA	Stephens Creek	27.67 218	LR	LR	19 59 23.5
STKA	Stephens Creek	27.67 218	P	P	19 49 12.0 +0.9
STKA	Stephens Creek	27.67 218	P	P	19 49 10.2 -1.0
STKA	Stephens Creek	27.67 218	P	P	19 49 15.2 +4.1
STKA	Stephens Creek	27.67 218	eP	P	19 49 11.8 +0.7
KDU	Kakadu	28.27 264	P	P	19 49 16.8 +0.1
KDU	Kakadu	28.27 264	P	P	19 49 19.9 +1.0
RKPI	Ransiki, Papua	28.52 287	P	P	19 49 23.8 +2.7
KUZ	Kuaitunu	28.80 155	P	P	19 49 20.1 +1.9
NIUE	Niue	28.80 155	P	P	19 49 20.2 +2.6
LCRK	Leigh Creek	28.98 224	P	P	19 49 23.4 +0.7
AS01	Alice Springs	28.96 240	P	P	19 49 21.5 -1.6
AS31	Alice Springs	29.00 241	P	P	19 49 22.6 -0.6
ASAR	Alice Springs	29.00 241	P	P	19 49 22.6 +0.6
ASAR	Alice Springs	29.00 241	P	P	19 56 16.2 +5.0
ASAR	Alice Springs	29.00 241	P	P	19 59 55.0
ASAR	Alice Springs	29.00 241	P	P	20 21 34.9
ASAR	Alice Springs	29.00 241	P	P	19 49 21.4 -1.7
ASAR	Alice Springs	29.00 241	P	P	19 49 27.1 +1.3
MTN	Manion Dam	29.58 263	P	P	19 49 28.1 -0.2
MTN	Manion Dam	29.58 263	I	I	19 49 26.5 -1.7
MTN	Manion Dam	29.58 263	I	I	19 49 53.7
MTN	Manion Dam	29.58 263	P	P	19 49 30.8 +2.5
H1S2	WAKE ISLAND Hy	29.72 10	T	T	20 20 15.2
H1S3	WAKE ISLAND Hy	29.72 10	T	T	20 20 16.6
H1S1	WAKE ISLAND Hy	29.72 10	T	T	20 20 30.3
FAKI	Fak Fak	29.90 283	P	P	19 49 30.2 -0.9
FAKI	Fak Fak	29.90 283	P	P	19 49 33.2 +2.0
HIZ	Hauti	30.01 158	P	P	19 49 32.3 +0.4
HIZ	Hauti	30.01 158	I	I	19 49 44.2
TOO	Tooolangi	30.09 206	P	P	19 49 32.7 +0.1
TOO	Tooolangi	30.09 206	P	P	19 49 32.0 -0.6
TOO	Tooolangi	30.09 206	I	I	19 49 37.8
TOO	Tooolangi	30.09 206	P	P	19 49 33.9 +1.3
TOO	Tooolangi	30.09 206	P	P	19 49 32.0 -0.6
HTT	Hallett	30.38 219	P	P	19 49 35.6 +0.5
HTT	Hallett	30.38 219	P	P	19 49 36.5 +1.4
RTZ	Ruatahuna	30.92 156	I	I	19 49 38.2 -1.7
H1N1	WAKE ISLAND Hy	30.95 10	T	T	19 50 13.5
H1N1	WAKE ISLAND Hy	30.95 10	T	T	20 21 58.6
H1N3	WAKE ISLAND Hy	30.96 10	T	T	20 21 48.6
H1N2	WAKE ISLAND Hy	30.97 10	T	T	20 20 21.6
ARPS	Mount Arapiles	31.15 211	P	P	19 49 43.9 +2.0
BKZ	Black Stump Fm	31.20 157	P	P	19 49 41.0 -1.4
BKZ	Black Stump Fm	31.20 157	I	I	19 50 14.5
BKZ	Black Stump Fm	31.20 157	P	P	19 49 42.9 +0.5
QRZ	Quartz Range	31.37 164	P	P	19 49 43.4 -0.4
QRZ	Quartz Range	31.37 164	I	I	19 50 14.5
SIUJ	Sorong	31.48 287	P	P	19 49 45.9 +0.8
SIUJ	Sorong	31.48 287	LR	LR	20 02 18.5
TKNZ	Takaka Hill	31.69 163	P	P	19 49 45.5 -1.1
BNDI	Bandanaira	31.75 279	P	P	19 49 48.3 +0.9
BNDI	Bandanaira	31.75 279	P	P	19 49 49.1 +1.7
MULG	Mulgathing	31.81 229	P	P	19 49 47.3 -0.5
BBOO	Buckleboob	31.82 223	P	P	19 49 48.1 +0.2
BBOO	Buckleboob	31.82 223	I	I	19 49 47.4 -0.5
BBOO	Buckleboob	31.82 223	I	I	19 49 58.5
BBOO	Buckleboob	31.82 223	P	P	19 49 48.4

9d 19h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TCOL CIGO, COLA College, HDA Harding Lake, etc.

2016 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like C24K Franklin Bluff, F26K Sheenjek River, Q32M Nakita River, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like GLA comp=Z,2.24nm,1.1s, GLA Glamis, GLA Glamis, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LPAZ, AKASG, AKBB, NOA, BRTR, CPUP, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CLL, PRU, RONA, CONA, CKRC, etc.

ICD 09 19:48:31.1,10.0, 10.70S:161°09E, h0km, mb3.9/4, mbmp3.9/4, Error ellipse: s-maj=300.0km s-min=42.7km az=120.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA, ASAR, SONM, MKAR, etc.

ICD 09 19:49:28.9, 1.1, 10.99S:161°30E, h0km, mb4.2/9, mbmp4.2/9, Error ellipse: s-maj=34.2km s-min=26.3km az=130.0

NEIC 09 19:49:35.3, 1.4, 11.1S:0.2:161°4E:0.2, h35km, 1km, mb4.5/10, Error ellipse: s-maj=39.5km s-min=8.6km az=49.0

ICD 09 19:49:33.2, 0.7, 11.0S:0.1:161°4E:0.1, h28km, n23, 0575/23, mb4.4/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA, WBO, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ASAR, BKZ, BBOO, BNRU, BATI, Vnda, Vnda, CRAI, etc.

ROM 09 19:55:25.3, 0.1, 43.040N:0.005:13.077E:0.007, h4km, 1km, ML1.0/7, 2C-1D, Error ellipse: s-maj=0.6km s-min=0.1km az=243.0, Central Italy

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FDMO, T1219, T1219, T1219, etc.

ICD 09 19:56:25.4, 1.2, 10.94S:161°08E, h0km, mb4.2/9, mbmp4.2/10, ML3.8/1, Error ellipse: s-maj=31.7km s-min=20.8km az=114.0

NEIC 09 19:56:26.8, 1.3, 10.8S:0.1:161°2E:0.1, h10km, 2km, mb4.8/7, Error ellipse: s-maj=24.2km s-min=15.7km az=60.0

ICD 09 19:58:28.0, 0.7, 10.88S:0.008:161°1E:0.1, h18km, n32, 0597/33, mb4.5/16, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HNR, HNR, CTA, CTA, CTA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CHTO, ULN, ULN, SONM, SONM, SHL, SHL, YAK, YAK, LSA, LSA, ILAR, ILAR, NVAR, NVAR, MKAR, MKAR, etc.

ICD 09 19:59:58.6, 1.1, 10.95S:161°45E, h0km, mb3.9/7, mbmp4.0/8, ML4.9/1, Error ellipse: s-maj=37.5km s-min=25.8km az=79.0

NEIC 09 19:59:59.5, 1.7, 10.94S:0.07:161°6E:0.1, h10km, 1km, mb4.3/8, Error ellipse: s-maj=23.8km s-min=8.8km

ICD 09 19:59:59.0, 0.9, 11.00S:0.09:161°5E:0.1, h10km, n22, 0597/22, mb4.0/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HNR, HNR, HNR, HNR, HNR, etc.

ICD 09 20:00:21.1, 1.3, 10.93S:161°14E, h0km, mb4.2/9, mbmp4.2/10, ML4.2/1, Error ellipse: s-maj=31.0km s-min=23.9km az=130.0

NEIC 09 20:00:22.6, 1.0, 10.95S:0.08:161°3E:0.2, h10km, 1km, mb4.6/7, Error ellipse: s-maj=27.0km s-min=12.5km az=256.0

ICD 09 20:00:23.8, 0.9, 10.9S:0.1:161°1E:0.1, h18km, n20, 0597/21, mb4.2/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HNR, HNR, CTA, WRA, ASAR, BATI, Vnda, CRAI, etc.

Table with columns: SAUI, SAUI, BNDI, BNDI, FAKI, FAKI, MSAI, MSAI, AAI, AAI, KDU, KDU, MTN, MTN, RKPI, RKPI, NLAI, NLAI, SLJI, SLJI, SANI, SANI, SANI, SANI, LBMI, LBMI, SOEI, SOEI, SOEI, SOEI, BATI, BATI, BATI, BATI, KNRA, KNRA, GENI, GENI, WRA, WRA, WRA, WRA, PLAI, PLAI, ASAR, ASAR, ASAR, ASAR, CMAR, CMAR, SONM, SONM, MKAR, MKAR, ZALV, ZALV, KURBB, KURBB, BVAR, BVAR

ROM 09 20:00:44.1±0.1, 42.814N±0.004, 13.130E±0.005, h8km, ML0.8/1C, Error ellipse: s-maj=0.4km s-min=0.2km az=64.0, Central Italy

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

NEIC 09 20:07:33.2±0.1, 57.47S±0.07, 26.9W±0.2, h130km, 7km, mb4.5/42, Error ellipse: s-maj=18.5km s-min=9.9km az=83.0

ISC-EH 09 20:07:35.1±5.7, 44S±26.95W, h150km, Error ellipse: s-maj=8.4km s-min=5.2km az=37.0

ISC 09 20:07:34.5±0.5, 57.85S±0.07, 26.9W±0.1, h150km, n64, c25/69, mb4.4/27, South Sandwich Islands region

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

Table with columns: SNAA, SNAA, SNAA, SNAA, SNAE, SNAE, TROLL, TROLL, TROLL, TROLL, EFL, EFL, BELA, BELA, MG02, MG02, TRQA, TRQA, AY01, AY01, PLTB, PLTB, PLCA, PLCA, PLCA, PLCA, QSPA, QSPA, BI05, BI05, BO02, BO02, BO04, BO04, MT09, MT09, CPUP, CPUP, MT01, MT01, MT02, MT02, ROC1, ROC1, CO02, CO02, CO01, CO01, AC05, AC05, LCO, LCO, LCO, LCO, BDFB, BDFB, BDFB, BDFB, Vnda, Vnda, Vnda, Vnda, BOSA, BOSA, BOSA, BOSA, PB04, PB04, PB03, PB03, PB07, PB07, PB01, PB01, PT01, PT01, GTLB, GTLB, LBTB, LBTB, LBTB, LBTB, MNMC, MNMC, MNMC, MNMC, PB16, PB16, VILB, VILB, VILB, VILB, LPAZ, LPAZ, LPAZ, LPAZ, SAML, SAML, SAML, SAML, ETMB, ETMB, ETMB, ETMB, BOAV, BOAV, BOAV, BOAV, DBIC, DBIC, DBIC, DBIC, CUPR, CUPR, CUPR, CUPR, CELP, CELP, ASAR, ASAR, FINES, FINES, ARCES, ARCES, YKA, YKA, INK, INK, SONM, SONM, ILAR, ILAR, KDAK, KDAK

WEL 09 20:09:12.6±0.3, 43.3°S±2.1, h5km, M3.5/26, ML3.6/17, MLV3.5/26, Error ellipse: s-maj=0.2km s-min=0.0km az=3.5, confirmed, South Island

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

Table with columns: AKCZ, AKCZ, GVZ, GVZ, JCZ, JCZ, OKCZ, OKCZ, DSZ, DSZ, ODZ, ODZ, WKZ, WKZ, THZ, THZ, KHZ, KHZ, EAZ, EAZ, MRNZ, MRNZ, HNZ, HNZ, TKNZ, TKNZ, QRZ, QRZ, TRZ, TRZ, NNZ, NNZ, MLZ, MLZ, TUWZ, TUWZ, TCW, TCW, WHZ, WHZ, DUWZ, DUWZ, SYZ, SYZ, APZ, APZ, NBEZ, NBEZ, PKB, PKB, TSZ, TSZ, HIZ, HIZ

IDC 09 20:09:37.9±1.3, 9.95S, 161.42E, h0km, mb3.8/7, mbmp3.8/7, Error ellipse: s-maj=31.4km s-min=23.9km az=142.0

ISC 09 20:09:42.9±1.1, 10.0S±0.2, 161.5E±0.1, h36km, n9, c1928/10, mb3.8/8, Bougainville-Solomon Islands region

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

IDC 09 20:12:25.0±1.2, 11.09S±1.62, 101E, h0km, mb3.8/7, mbmp3.9/10, ML4.2/3, Error ellipse: s-maj=27.6km s-min=23.2km az=114.0

NEIC 09 20:12:26.2±1.5, 11.13S±0.07, 162.16E±0.05, h10km, 1km, mb4.5/15, Error ellipse: s-maj=12.3km s-min=7.3km az=334.0

ISC 09 20:12:30.4±0.8, 11.16S±0.09, 162.0E±0.1, h36km, n27, c1915/29, mb4.0/13, Bougainville-Solomon Islands region

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

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations like MKAR, DGZ, MAZK, etc.

IDC 09 20:14:58.8±1.8, 10.52Sx161.28E, h0km, mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=34.5km s-min=31.8km az=83.0

ISC 09 20:15:04.1±1.4, 10.55Sx161.2E±0.2, h35km, n6, 05647, mb3.5/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other technical details for stations like HNR, WRA, ASAR, etc.

IDC 09 20:31:50.1±1.4, 10.54Sx161.34E, h0km, mb3.7/5, mbmp3.7/6, ML3.0/1, Error ellipse: s-maj=26.8km az=66.0

ISC 09 20:31:54.8±1.0, 10.7Sx161.3E±0.2, h35km, n7, 01989/9, mb3.4/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other technical details for stations like HNR, DZM, WRA, etc.

IDC 09 20:34:28.9±1.1, 10.70Sx160.89E, h0km, mb4.0/8, mbmp4.0/10, ML3.7/2, MS4.8/1, Error ellipse: s-maj=27.4km s-min=20.3km az=90.0

ISC-EH 09 20:34:30.1, 10.71Sx160.90E, h15km, Error ellipse: s-maj=11.4km s-min=8.4km az=96.0

NEIC 09 20:34:30.2±2.4, 10.69Sx160.9E±0.1, h16km±5km, mb4.0/32, Error ellipse: s-maj=17.5km s-min=9.9km az=67.0

ISC 09 20:34:29.1±0.5, 10.72Sx160.89E±0.08, h10km, n49, 01526/49, mb4.5/21, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other technical details for stations like HNR, DZM, WRA, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations like FORT, TOLJ, MYLDM, etc.

IDC 09 20:35:12.6±0.6, 10.85Sx161.28E, h0km, mb4.5/24, mbmp4.5/28, ML2.8/2, MS4.8/2, Error ellipse: s-maj=16.5km s-min=14.0km az=103.0

NEIC 09 20:35:13.9±1.7, 10.99Sx161.33E±0.07, h10km±1km, mb5.1/121, Error ellipse: s-maj=15.8km s-min=3.6km az=43.0

ISC-EH 09 20:35:14.5, 11.05Sx161.32E, h15km, Error ellipse: s-maj=5.2km s-min=4.0km az=157.0

ISC 09 20:35:16.2±0.3, 11.02Sx161.34E±0.06, h28km, n261, 01544/249, mb5.0/95, MSS.3/4, 1C-3D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other technical details for stations like HNR, HNR, HNR, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JWKM Wakayamakushim, JTNC Tanabenakahech, JMMH Miemihama, etc.

IDC 09 20:37:03.0:12.0,37.92N,136.03E,h0km,mb3.5/3, mbmp3.5,3,Error ellipse: s-maj=479.7km s-min=33.2km az=58.0

JMA 09 20:38:12.1:0.3,34.1N,147.7E,h395km,MV3.6/20,SE OFF KII PENINSULA

ISC 09 20:38:11.9:1.2,34.0N,147.7E,0.1,1400km,n11, a1171/13, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JNY Yasuko, JYTA Yamagataniaia, JWT Wachi, etc.

IDC 09 20:44:39.4:0.6,10.85S,161.43E,h0km,mb4.4/19, mbmp4.4/23,ML4.7/4,Error ellipse: s-maj=17.7km s-min=15.0km az=109.0

ISC-EH 09 20:44:41.8,10.95S,161.35E,h15km,Error ellipse: s-maj=1.5km s-min=3.5km az=129.0

NEIC 09 20:44:44.1:1.5,10.91S,161.40E,0.1,08,h30km,5km, mb5.0/79,Error ellipse: s-maj=13.2km s-min=9.1km az=49.0

ISC 09 20:44:43.5:0.3,10.93S,161.39E,0.06,h28km,n166, a1101/170,mb4.9/64,1C-1D,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include HNR Honiara, HNR Honiara, HNR Koumac, New Ca, etc.

CTA Charters Tower 17.18 236 P 20 48 43.2 +0.1

CTAO Charters Tower 17.18 236 P 20 48 41.8 +0.1

MSVF Nonsavu 17.49 115 P 20 48 45.8 +0.1

MSVF Nonsavu 17.49 115 P 20 48 45.7 +0.1

COEN Coen 18.04 259 P 20 48 53.2 +0.5

CAN Canberra 26.77 203 P 20 50 19.7 -1.4

WR0 Warramunga Arr 27.36 248 P 20 50 25.3 -1.2

WRB Warramunga Arr 27.54 248 P 20 50 27.6 -0.4

WRA Warramunga Arr 27.54 248 P 20 50 28.3 +0.1

WRA Warramunga Arr 27.54 248 P 20 50 28.3 +0.1

WRA Warramunga Arr 27.54 248 P 20 50 28.3 +0.1

WRA Warramunga Arr 27.54 248 P 20 50 28.3 +0.1

WRA Warramunga Arr 27.54 248 P 20 50 28.3 +0.1

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WRA Warramunga Arr 27.54 248 P 20 50 28.3 +0.1

WRA Warramunga Arr 27.54 248 P 20 50 28.3 +0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include NWAO Narrogin (SRO), NWAO Narrogin (SRO), JAGI Jagaj, Banyuwa, etc.

MAJO Matsuhiro 52.03 336 P 20 53 50.2 -0.5

MAJO Matsuhiro 52.03 336 P 20 53 50.2 -0.5

MAJO Matsuhiro 52.03 336 P 20 53 50.2 -0.5

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MAJO Matsuhiro 52.03 336 P 20 53 50.2 -0.5

MAJO Matsuhiro 52.03 336 P 20 53 50.2 -0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BCPM Bancas Point, M26K Nabesna, AK, IL31 IL31, etc.

ILAR Eielson Array 84.81 20 P 20 57 14.5 -0.5

ILAR Eielson Array 84.81 20 P 20 57 14.5 -0.5

ILAR Eielson Array 84.81 20 P 20 57 14.5 -0.5

ILAR Eielson Array 84.81 20 P 20 57 14.5 -0.5

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ILAR Eielson Array 84.81 20 P 20 57 14.5 -0.5

ILAR Eielson Array 84.81 20 P 20 57 14.5 -0.5

IDC 09 20:59:06.3:3.3,10.61S,161.27E,h0km,mb3.7/6, mbmp3.7/6,Error ellipse: s-maj=104.9km s-min=30.3km az=126.0

ISC 09 20:59:12.0:2.8,10.65S,161.27E,0.5,h35km,n6, a11910/mb3.6,Bougainville-Solomon Islands region

WRA Warramunga Arr 27.50 247 P 20 54 53.8 -1.6

ASAR Alice Springs 29.09 240 P 21 05 10.2 +0.7

USRK Ussuriysk Arr. 60.62 336 P 21 09 19.4 +0.1

SOMN Songoing Array 75.69 325 P 21 10 54.5 +0.5

ILAR Eielson Array 84.53 20 P 21 11 40.8 -0.3

MKAR Makanchi Array 90.14 318 P 21 12 08.5 -0.2

WRA Warramunga Arr 27.50 247 P 20 54 53.8 -1.6

WRA Warramunga Arr 27.50 247 P 20 54 53.8 -1.6

WRA Warramunga Arr 27.50 247 P 20 54 53.8 -1.6

WRA Warramunga Arr 27.50 247 P 20 54 53.8 -1.6

WRA Warramunga Arr 27.50 247 P 20 54 53.8 -1.6

WRA Warramunga Arr 27.50 247 P 20 54 53.8 -1.6

WRA Warramunga Arr 27.50 247 P 20 54 53.8 -1.6

WRA Warramunga Arr 27.50 247 P 20 54 53.8 -1.6

WRA Warramunga Arr 27.50 247 P 20 54 53.8 -1.6

WRA Warramunga Arr 27.50 247 P 20 54 53.8 -1.6

WRA Warramunga Arr 27.50 247 P 20 54 53.8 -1.6

HVO 09 21:01:10.4:1.4,20.04N,0.0:1.155,92W,0.02,h10km,5km, ML2:9/13,ML2:9/34(NEIC), Error ellipse: s-maj=2.6km

NEIC 09 21:01:08.7:1.9,20.09N,0.03:155.9W,0.2,h24km,10km, Error ellipse: s-maj=21.7km s-min=4.5km az=90.0, Hawaiian Islands

MHA Mahukona 0.10 10 P 21 01 13.7 +0.5

HPAH Hawaii Prepara 0.22 105 P 21 01 18.0 -0.6

HPAH Hawaii Prepara 0.22 105 P 21 01 18.0 -0.6

HPAH Hawaii Prepara 0.22 105 P 21 01 18.0 -0.6

HPAH Hawaii Prepara 0.22 105 P 21 01 18.0 -0.6

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HPAH Hawaii Prepara 0.22 105 P 21 01 18.0 -0.6

9d 21h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like MLOA, MWH, HLK, etc.

NEIC 09 21:09:56.3-1.9, 6:52S:0:10:155:7E:0:1, h204km, 8km, mb4.4/27, Error ellipse: s-maj=19.6km s-min=10.8km az=54.0

IDC 09 21:10:00.5-9.9, 6:90S:156:07E, h270km=103km, mb3.5/8, mbmp4.1/9, Error ellipse: s-maj=58.0km s-min=31.2km az=170.0

ISC 09 21:09:52.3-0.7, 6:57S:0:08:155:9E:0:1, h173km, n44, c138/41, mb4.2/19, Bougainville-Solomon Islands region

Main table for 9d 21h section, listing station codes, names, coordinates, and other data.

NEIC 09 21:12:55.6-1.2, 11:5S:0:1:162:2E:0:2, h10km, 1km, mb4.6/12, Error ellipse: s-maj=36.5km s-min=6.1km az=59.0

IDC 09 21:13:00.2-1.2, 10:84S:161:24E, h0km, mb4.1/9, mbmp4.1/9, Error ellipse: s-maj=32.4km s-min=20.8km az=116.0

ISC 09 21:12:56.5-0.8, 11:5S:0:1:162:1E:0:2, h10km, n26, c26/12/27, mb4.4/13, Bougainville-Solomon Islands

2016 DEC

Main table for 2016 DEC section, listing station codes, names, coordinates, and other data.

IDC 09 21:20:24.9-2.1, 10:56S:161:58E, h0km, mb3.6/4, mbmp3.7/6, ML3.6/2, Error ellipse: s-maj=51.6km s-min=33.4km az=102.0

ISC 09 21:20:29.9-1.5, 10:7S:0:2:161:7E:0:2, h33km, n7, c139/77, mb3.5/4, Bougainville-Solomon Islands region

Main table for 2016 DEC section, listing station codes, names, coordinates, and other data.

IDC 09 21:21:36.9-1.1, 10:84S:161:58E, h0km, mb4.0/9, mbmp4.1/12, ML4.0/3, Error ellipse: s-maj=29.4km s-min=21.2km az=117.0

NEIC 09 21:21:42.2-1.8, 10:7S:0:2:161:7E:0:1, h43km, 14km, mb4.3/11, Error ellipse: s-maj=28.2km s-min=2.4km az=214.0

ISC 09 21:21:41.2-0.7, 10:81S:0:09:161:5E:0:1, h28km, n29, c090/31, mb4.1/16, Bougainville-Solomon Islands region

700

Main table for 700 section, listing station codes, names, coordinates, and other data.

IDC 09 21:28:49.8-2.0, 10:90S:161:01E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=43.0km s-min=29.6km az=98.0, Bougainville-Solomon Islands region

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

NOU 09 21:29:30.9, 42:80S:172:92E, h5km, MLV4.5/15, South Island, New Zealand

WEL 09 21:29:31.6, 0.3, 43:2 S:17:3 E:1, h8km, 2km, M4.0/37, s-min=0.0km az=171.1, confirmed

ISC 09 21:29:30.9-0.9, 42:72S:172:91E:0:03, h10km, n117, c131/117, South Island

Main table for 700 section, listing station codes, names, coordinates, and other data.

9d 21h

HEH	HeiHe	67.51	337	eP	P	21 44	12.7	-0.5
HEH	comp=Z,10.0nm,1.3s							
CM31	Chiang Mai Arr	67.84	295	P	P	21 44	17.0	+1.0
CMAR	Chiang Mai Arr	67.84	295	P	P	21 44	17.1	+1.2
	comp=Z,16m,0.9s,baz=119,slow=4.7,SNR=76							
CMAR	Chiang Mai Arr	67.84	295	P	P	21 44	16.5	+0.6
CHTO	Chiang Mai	67.96	295	P	P	21 44	17.1	+0.5
CHTO	Chiang Mai	67.96	295	P	P	21 44	17.2	+0.5
	comp=Z,23nm,1.1s							
XLT	XilinHaoTe	68.05	327	i/P	P	21 44	17.7	+0.8
XLT	comp=Z,24nm,0.9s							
PZH	PanZhiHua	68.50	304	P	P	21 44	20.6	+0.5
PZH	comp=Z,10.0nm,1.0s							
HHC	Hu-ho-hao-te	68.72	322	eP	P	21 44	23.8	+2.6
HHC	comp=Z,570nm,6.5s							
CD2	Chengdu	68.84	309	P	P	21 44	22.5	+0.4
CD2	comp=Z,10.0nm,0.7s							
HIA	Hailar	69.94	333	P	P	21 44	28.7	+0.2
HIA	comp=Z,22nm,1.2s							
HIA	Hailar	69.94	333	P	P	21 44	30.0	+1.5
HIA	comp=Z,11nm,0.9s							
HIA	Hailar	69.94	333	P	P	21 44	28.7	+0.2
ZEA	Zeya	70.40	339	eP	P	21 44	31.6	+0.5
ZEA	comp=N,10.0nm,1.0s							
TNCH	TengChong	70.58	301	i/P	S	21 44	34.0	+0.9
TNCH	comp=Z,15nm,0.9s							
TNCH	comp=Z,530nm,6.2s							
TNCH	comp=Z,350nm,12.3s							
TNCH	comp=Z,560nm,15.5s							
TNCH	comp=Z,960nm,16.8s							
LZH	Lanzhou	71.23	314	eP	P	21 44	37.9	+1.1
LZH	comp=Z,14nm,1.1s							
MND	Mandala	71.55	298	P	P	21 44	39.6	+0.8
SEY	Seymchan	73.78	356	P	P	21 44	50.8	-0.5
	comp=Z,3.3nm,0.9s,baz=155,slow=6.9,SNR=3.8							
ULN	Ulanbaatar	75.45	326	P	P	21 45	01.8	+0.5
ULN	comp=Z,21nm,0.9s							
ULN	Ulanbaatar	75.45	326	eP	P	21 45	02.2	+0.8
ULN	comp=Z,34nm,1.3s							
GTA	Gaotai	75.62	315	i/P	S	21 45	03.2	+0.7
GTA	comp=Z,10.0nm,1.1s							
GTA	comp=Z,1.1um,11.7s							
GTA	comp=Z,1.1um,18.2s							
GTA	comp=Z,1.1um,19.3s							
GTA	comp=Z,2.1um,17.8s							
SOMN	Songino Array	75.80	325	P	P	21 45	03.8	+0.4
SOMN	comp=Z,19m,0.9s,baz=140,slow=5.7,SNR=79							
SOMN	Songino Array	75.80	325	I	Amb	21 45	04.7	
SOMN	comp=Z,18m,0.8s							
SHL	Shillong	76.39	300	P	P	21 45	06.9	-0.4
SHL	comp=Z,2.8nm,0.4s							
SHL	Shillong	76.39	300	P	P	21 45	06.9	-0.4
SHL	comp=Z,58nm,1.4s							
YAK	Yakutsk	76.60	345	P	P	21 45	06.5	-0.9
YAK	comp=Z,2.8nm,0.4s,baz=95,slow=0.6,SNR=11							
YAK	Yakutsk	76.60	345	P	P	21 45	06.8	-0.6
YAK	comp=Z,20nm,0.8s							
YAK	Yakutsk	76.60	345	eP	P	21 45	07.2	-0.2
YAK	comp=Z,22nm,0.9s							
YAK	comp=N,4.0nm,0.9s							
YAK	comp=N,4.0nm,0.9s							
Q16K	King Salmon	77.19	21	P	P	21 45	12.1	+1.3
Q18K	Katmai Hardscr	77.76	22	P	P	21 45	14.7	+0.6
Q18K	comp=Z,3.0nm,1.1s							
N16K	Nishilik Lake	77.83	19	P	P	21 45	16.4	+2.1
LSA	Lhasa	78.37	303	P	P	21 45	18.6	0.0
LSA	comp=Z,8.0nm,1.2s							
O18K	Koktuh Hills	78.56	21	P	P	21 45	20.7	+2.3
BILL	Bilibino	78.69	2	P	P	21 45	19.0	0.0
BILL	comp=Z,17nm,1.0s							
BILL	Bilibino	78.69	2	i/P	P	21 45	18.6	-0.3
BILL	comp=Z,23nm,1.3s							
ZAK	Zakamensk	78.90	326	eP	P	21 45	20.0	-0.6
ZAK	comp=Z,16nm,1.0s							
ANM	Nome	79.26	14	P	P	21 45	24.3	+2.2
SVW2	Sparrevohn	79.33	20	P	P	21 45	23.0	+0.4
SVW2	comp=Z,22nm,1.0s							
N19K	Bonanza Creek	79.50	20	P	P	21 45	24.8	+1.1
M19K	Big River Lodg	80.31	20	P	P	21 45	27.8	-0.1
M19K	comp=Z,19nm,1.0s							
M19K	Big River Lodg	80.31	20	P	P	21 45	28.6	+0.7
M19K	comp=Z,22nm,1.0s							
L19K	White Mountain	80.36	19	P	P	21 45	28.4	+0.2
L19K	comp=Z,19nm,1.1s							
L19K	White Mountain	80.36	19	P	P	21 45	28.9	+0.7
TTA	Tatalina	80.54	18	P	P	21 45	29.5	+0.3
TTA	comp=Z,38nm,1.7s							
TTA	Tatalina	80.54	18	P	P	21 45	29.5	+0.3
TTA	comp=Z,38nm,1.7s							
M20K	Styx River	80.72	20	P	P	21 45	32.1	+1.9
MOY	Monday	80.80	327	eP	P	21 45	30.5	-0.4
MOY	comp=Z,12nm,0.8s,baz=199,slow=7.2,SNR=4.6							
L20K	Farewell, AK	80.89	19	P	P	21 45	32.0	+0.9
RAMN	Ramite	81.33	300	eP	P	21 45	33.8	-0.6
SKT	Skwentna	81.33	21	P	P	21 45	37.0	+3.6
SKT	comp=Z,12nm,0.8s							
K20K	Telida	81.46	19	P	P	21 45	34.7	+0.7
J19K	Jiri	81.88	300	eP	P	21 45	36.2	-1.3
J19K	comp=Z,5.2nm,0.6s							
PALK	Pallekele	81.99	279	P	P	21 45	39.5	+1.6
PALK	comp=Z,12nm,0.8s,baz=199,slow=7.2,SNR=4.6							
J20K	Nowitza River	82.02	18	P	P	21 45	37.2	+0.3
J20K	comp=Z,12nm,0.8s							
J20K	Nowitza River	82.02	18	P	P	21 45	37.9	+1.0
J20K	comp=Z,12nm,0.8s							
CAST	Castle Rocks	82.14	19	I	Amb	21 45	42.2	
CAST	comp=Z,11nm,0.9s							
CAST	Castle Rocks	82.14	19	P	P	21 45	37.1	-0.5
GUN	Gumba	82.22	300	eP	P	21 45	38.0	-1.2

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SML	Sawmill	82.35	22	P	P	21 45	40.4	+1.6
PKI	Pulchoki	82.52	300	eP	P	21 45	39.9	-0.9
PKIN	Pulchoki	82.53	300	eP	P	21 45	40.0	-0.8
TRF	Thorofore Moun	82.75	20	P	P	21 45	39.8	-1.2
DMN	Daman	82.79	300	eP	P	21 45	41.6	-0.5
KLU	Klutina	83.05	23	P	P	21 45	43.7	+1.3
M24K	Tolosa, Glenn	83.33	22	P	P	21 45	44.6	+0.7
I21K	Tanana	83.39	18	I	Amb	21 45	53.9	
I21K	Tanana	83.39	18	P	P	21 45	44.4	+0.4
MCK	McKinley	83.39	20	P	P	21 45	44.1	0.0
H21K	Melozitna Rive	83.48	17	P	P	21 45	44.3	-0.2
N25K	Chitina, Valde	83.62	23	P	P	21 45	47.2	+1.8
G21K	Allakaket	83.89	17	P	P	21 45	46.7	+0.1
HARP	HAARP	83.89	22	P	P	21 45	47.7	+1.0
H22K	Ishlailitna Cre	84.07	18	P	P	21 45	48.7	+1.1
KOLN	Koldanda	84.12	300	eP	P	21 45	47.7	-1.2
KOLN	Koldanda	84.12	300	eP	P	21 45	48.1	-0.8
KOLN	Koldanda	84.12	300	eP	P	21 45	48.2	-0.7
KOLN	Paxson	84.12	22	P	P	21 45	47.8	-0.1
DANN	Dangsing	84.14	300	eP	P	21 45	48.2	-0.9
I23K	Minto, Yukon-K	84.19	19	P	P	21 45	49.3	+1.2
MDM	Murphy Dome	84.43	19	P	P	21 45	49.1	-0.2
MDM	comp=Z,7.9nm,1.0s							
COLA	College	84.50	19	i/P	P	21 45	48.8	-0.8
HDA	Harding Lake	84.50	20	P	P	21 45	49.9	+0.1
HDA	comp=Z,5.0nm,1.0s							
HDA	Harding Lake	84.50	20	P	P	21 45	48.4	-1.3
H23K	Yukon River	84.58	18	P	P	21 45	51.0	+0.9
H23K	comp=Z,8.6nm,0.9s							
H23K	Yukon River	84.58	18	P	P	21 45	50.1	0.0
M26K	Nabesna, AK	84.70	23	P	P	21 45	51.5	+0.7
IL31	Eielson Array	84.75	20	P	P	21 45	50.4	-0.6
ILAR	Mount Upton	84.91	25	P	P	21 45	52.8	+0.6
L26K	Log Cabin Wild	84.94	22	P	P	21 45	53.2	+1.3
F22K	John River	84.96	16	P	P	21 45	51.8	-0.2
TIXI	Tiksi	85.00	350	P	P	21 45	51.2	-0.9
TIXI	comp=Z,2.1nm,0.8s,baz=122,slow=0.4,SNR=8.7							
TIXI	Tiksi	85.00	350	P	P	21 45	51.4	-0.6
TIXI	comp=Z,16nm,1.5s							
TIXI	Tiksi	85.00	350	i/P	P	21 45	51.6	-0.4
TIXI	comp=Z,11nm,1.7s							
G23K	Bananza Creek	85.03	17	P	P	21 45	52.9	+0.5
H24K	Noodor Dome	85.11	19	P	P	21 45	55.8	+2.9
M27K	Edge Creek, AK	85.11	23	P	P	21 45	54.	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like Kahutara, South Karori, and various regional stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like Honiara, Warramunga Arr, and various regional stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like Canberra, Warramunga Arr, and various regional stations.

BUI 09 21:38:18.8-0.0, 10:70S:161.65E, h7km, mb5.1/75, m25.9/39, MS5.544
ISC-EH 09 21:38:23.1, 10:88S:161.38E, h14km, 1km, Error ellipse: s-maj=2.1km s-min=1.6km az=147.0
NEIC 09 21:38:23.2, 1.3, 10:96S:0.06:161.36E:0.06, h10km, 1km, mb5.7/396, Ms. 20.5.6/175, Mw5.8, Error ellipse: s-maj=10.3km s-min=8.9km az=212.0
MOS 09 21:38:24.3-0.9, 10:82S:161.22E, h32km, mb5.8/51, MS5.6/19, Error ellipse: s-maj=6.5km s-min=6.0km az=93.3
NEIC 09 21:38:25.1, 10:84S:161.40E, h18km, Moment Tensor Solution. Duration: 460. Moment tensor: Scale 1077Nm; Mw5.31; Mo=2.89; M2=2.42; Mo.1.15; M2=2.22; Mo.2.75; Fault plane: sD=00x1017 NP; Fault plane: sD=00x1017 NP; 0.302.00000; 8.32.00000; 7.72.00000; NP2: 0.144.00000; 8.60.00000; 8.101.00000; Principal axes: T 6.2127, P1g73.0000, Azm80.0000; N -0.6368, P1g9.0000, Azm318.0000; P -5.5759, P1g14.0000, Azm226.0000;
GCMT 09 21:38:26.2-0.2, 10:99S:0.02:161.40E:0.02, h21km, MW5.8/134, Moment Tensor Solution. s67,c82; s134,c220; Duration: 290. Moment tensor: Scale 1017 Nm; Mw7.21; Mo=3.74; 1.7; Mo.3.48; 1.7; Mo.1.50; 3.1; Mo.3.03; 1.0; Mo.0.34; 3.3; Best double couple: Mo7.09000x1017 NF1:0.2800000; 851.00000; 1.83.00000; NP2:0.319.00000; 840.00000; 1.99.00000.

Principal axes: T 7.4120, P1g82.0000; Azm357.0000; N -0.6540, P1g6.0000; Azm133.0000; P -6.7680, P1g5.0000; Azm223.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function
NOU 09 21:38:26.4, 10:92S:161.37E, h34km, ML5.8/140, Solomon Islands
IDC 09 21:38:26.9-2.0, 10:85S:161.34E, h42km, 18km, mb4.9/42, mbmpms.2/45, ML5.1/35, MS5.3/48, Error ellipse: s-maj=10.6km s-min=9.3km az=55.0
ISC 09 21:38:24.1-0.6, 10:87S:0.04:161.38E:0.04, h24km, 4km, m167, -1830/994, mb5.6/12, MS5.6/165, 18C-13D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like Canberra, Warramunga Arr, and various regional stations.

9d 21h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RPZ Rata Peaks, MOO Moorlands, MQZ MoQueen's Vall, etc.

2016 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RKGY Rocky Gully, RLKY Rocky Gully, RLUY Banyuwangur, etc.

704

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

9d 23h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WHYH, ARPS, BKZ, BNDI, KNRA, etc.

2016 DEC

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

712

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

9d 23h

SPCR	Spurr Chakacha	80.14	21	P	P	23 51 46.7	-0.3
CAPN	Captain Cook N	80.22	22	P	P	23 51 49.5	+2.2
CAPN	Captain Cook S	80.22	22	P	P	23 51 49.0	+1.7
M20K	Styx River	80.30	20	I	Amb	23 51 50.7	
M20K	Styx River	80.30	20	P	P	23 51 48.6	+0.7
SEW	Seward	80.40	23	I	Amb	23 51 53.3	
SEW	Seward	80.40	23	P	P	23 51 49.0	+0.7
L20K	Farwell, AK	80.47	19	P	P	23 51 50.0	+1.3
O22K	Cooper Landing	80.55	22	P	P	23 51 49.7	+0.6
MOY	Mondy	80.64	327	eP	pmax	23 51 49.8	-0.2
ODAN	Odare	80.67	300	eP	P	23 51 52.3	+1.4
SUA	Susitna One	80.83	21	I	Amb	23 51 52.2	
SUA	Susitna One	80.83	21	P	P	23 51 50.7	-0.1
SKT	Skwentna	80.91	21	P	P	23 51 50.3	-0.8
RC01	Rabbit Creek A	80.95	22	I	Amb	23 51 53.2	
RC01	Rabbit Creek A	80.95	22	P	P	23 51 51.7	+0.4
K20K	Telida	81.04	19	I	Amb	23 51 54.3	
K20K	Telida	81.04	19	P	P	23 51 53.1	+1.4
P23K	Montague Islan	81.12	23	P	P	23 51 52.8	+0.6
GCSA	Galena City Sc	81.22	17	P	P	23 51 53.6	+1.0
M22K	Willow	81.25	21	P	P	23 51 53.2	+0.4
PWL	Port Wells	81.31	22	P	P	23 51 53.7	+0.5
PPLA	Purkeypile	81.32	20	I	Amb	23 51 57.9	
PPLA	Purkeypile	81.32	20	P	P	23 51 53.5	+0.1
RAMN	Ramite	81.37	299	eP	P	23 51 55.9	+1.3
PMR	Palmer	81.50	22	I	Amb	23 51 56.0	
PMR	Palmer	81.50	22	P	P	23 51 54.5	+0.4
J20K	Nowinta River	81.61	18	I	Amb	23 51 57.3	
J20K	Nowinta River	81.61	18	P	P	23 51 55.9	+1.2
KNK	Knik Glacier	81.63	22	I	Amb	23 51 59.6	
KNK	Knik Glacier	81.63	22	P	P	23 51 55.6	+0.7
CUT	Chuitina	81.64	21	P	P	23 51 54.6	-0.2
GHO	Glory Hole Cre	81.69	22	P	P	23 51 56.1	+0.8
GHO	Glory Hole Cre	81.69	22	I	Amb	23 51 57.8	
CAST	Castle Rocks	81.72	19	P	P	23 51 55.6	+0.3
CAST	Castle Rocks	81.72	19	P	P	23 51 55.2	-0.1
HIN	Hinchinbrook I	81.72	23	P	P	23 51 56.8	+1.4
HIN	Hinchinbrook I	81.72	23	I	Amb	23 51 59.2	
JIRN	Jiri	81.92	300	eP	P	23 51 56.6	-1.0
SML	Sawmill	81.93	22	I	Amb	23 52 00.3	
SML	Sawmill	81.93	22	P	P	23 51 57.0	+0.5
CHUM	Lake Minchumini	81.97	19	P	P	23 51 57.1	+0.6
KNGR	Kungturgut, Tuv	82.06	325	eP	pmax	23 51 57.9	+0.3
KNGR	Kungturgut, Tuv	82.06	325	I	Amb	23 51 57.9	+0.3
EYAK	Cordova Ski Ar	82.11	23	I	Amb	23 52 01.4	
EYAK	Cordova Ski Ar	82.11	23	P	P	23 51 59.7	+2.3
EYAK	Cordova Ski Ar	82.11	23	P	P	23 51 58.6	+1.2
EYAK	Cordova Ski Ar	82.11	23	P	P	23 51 58.1	+0.5
M23K	Pallekele	82.18	279	LR	LR	00 33 27.3	
M23K	Pallekele	82.18	279	I	Amb	23 51 59.0	+0.1
PALK	Pallekele	82.18	279	eP	pmax	23 51 59.0	+0.1
PALK	Pallekele	82.18	279	I	Amb	23 51 59.0	+0.1
GUN	Gumba	82.25	300	eP	P	23 51 58.1	-1.3
KAIM	Kayak Island	82.27	24	P	P	23 51 59.8	+1.6
KAIM	Kayak Island	82.27	24	P	P	23 51 59.2	+1.0
RD0G	Red Dog Mine	82.31	13	I	Amb	20 29 36.0	
SCM	Sheep Creek Mo	82.31	22	P	P	23 51 59.8	+1.2
SCM	Sheep Creek Mo	82.31	22	I	Amb	23 52 02.5	
SCM	Sheep Creek Mo	82.31	22	P	P	23 51 59.6	+1.0
SCM	Sheep Creek Mo	82.31	22	P	pmax	23 51 59.8	+1.2
TRF	Thorofare Moun	82.33	20	I	Amb	23 51 59.7	
TRF	Thorofare Moun	82.33	20	P	P	23 51 58.5	-0.2
RAGM	Ragged Mountai	82.44	24	P	P	23 52 00.6	+1.4
RAGM	Ragged Mountai	82.44	24	I	Amb	23 52 05.6	
DIV	Divide	82.46	23	I	Amb	23 52 02.8	
DIV	Divide	82.46	23	P	P	23 52 00.1	+0.6
WAT1	Susitna Watana	82.51	21	P	P	23 52 00.1	+0.6
BPAW	Bear Paw Mtn.	82.54	19	I	Amb	23 52 00.6	
BPAW	Bear Paw Mtn.	82.54	19	P	P	23 51 59.2	-0.5
PKI	Pulchoki	82.56	300	eP	P	23 52 00.9	-0.1
PKIN	Pulchoki	82.57	300	eP	P	23 52 00.8	-0.1
HMT	Hamilton	82.57	24	I	Amb	23 52 03.4	
KLU	Klutina	82.62	23	I	Amb	23 52 04.3	
KLU	Klutina	82.62	23	P	P	23 52 01.1	+0.9
WAT6	Susitna Watana	82.64	21	P	P	23 52 00.7	+0.4
BMRM	Bremner River	82.81	23	I	Amb	23 52 04.4	
BMRM	Bremner River	82.81	23	P	P	23 52 01.5	+0.4
DMN	Daman	82.83	300	eP	P	23 52 02.0	-0.3
M24K	Tolsona, Glenn	82.91	22	P	P	23 52 03.3	+1.7
M24K	Tolsona, Glenn	82.91	22	P	P	23 52 03.0	+1.3
MCK	McKinley	82.97	20	I	Amb	20 04 02.9	
MCK	McKinley	82.97	20	P	P	23 52 02.0	+0.1
I21K	Tanana	82.98	18	P	P	23 52 03.0	+1.1
SNH	Sunshine Point	83.06	25	P	P	23 52 03.5	+1.1
H21K	Melozitna Riv	83.06	17	I	Amb	23 52 04.8	
H21K	Melozitna Riv	83.06	17	P	P	23 52 03.3	+1.0
DHY	Denali Highway	83.08	21	I	Amb	23 52 05.8	
DHY	Denali Highway	83.08	21	P	P	23 52 03.0	+0.4
N25K	Chitina, Valde	83.20	23	P	P	23 52 04.2	+1.0

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MLY	Manley	83.26	18	P	P	23 52 03.6	+0.2
VRDI	Verde Repeater	83.42	24	I	Amb	23 52 06.9	
MESA	Mesa	83.42	25	P	P	23 52 05.8	+1.3
HARP	HAARP	83.47	22	P	P	23 52 05.3	+0.9
G21K	Allakaket	83.47	17	P	P	23 52 05.1	+0.7
NEA2	Nenana	83.50	19	P	P	23 52 04.3	-0.2
YAH	Yahtse	83.61	25	P	P	23 52 06.6	+1.1
H22K	Ishlailina Cre	83.65	18	P	P	23 52 06.5	+1.2
MAW	Mawson	83.68	202	P	P	23 52 06.3	+0.8
MAW	Mawson	83.68	202	LR	LR	00 23 49.5	
MAW	Mawson	83.68	202	P	P	23 52 06.1	+0.7
MAW	Mawson	83.68	202	P	P	23 52 06.4	+0.9
MAW	Mawson	83.68	202	P	pmax	23 52 06.4	+0.9
MCARA	McCarthy VSAT	83.68	24	P	P	23 52 06.4	+0.9
MCARA	McCarthy VSAT	83.68	24	I	Amb	23 52 09.3	
PAX	Paxson	83.70	22	P	P	23 52 06.1	+0.4
WRH	Wood River Hill	83.74	20	I	Amb	23 52 06.9	
I23K	Minto, Yukon-K	83.77	19	I	Amb	23 52 08.5	
I23K	Minto, Yukon-K	83.77	19	P	P	23 52 05.8	-0.1
TABL	Table Mountain	83.90	25	P	P	23 52 08.3	+1.3
CCB	Clear Creek Bu	83.94	20	I	Amb	23 52 07.8	
F21K	Alaina River	83.98	16	P	P	23 52 07.6	+0.6
MDM	Murphy Dome	84.01	19	I	Amb	23 52 08.8	
BARN	Barnard Glacie	84.04	24	I	Amb	23 52 09.1	+1.5
BARN	Barnard Glacie	84.04	24	P	P	23 52 10.1	
TCOL	CIGO, UAF Yank	84.07	19	I	Amb	20 04 27.9	
TCOL	CIGO, UAF Yank	84.07	19	P	P	23 52 07.3	-0.2
COLA	College	84.08	19	P	P	23 52 07.6	+0.2
COLA	College	84.08	19	I	Amb	20 04 26.9	
COLA	College	84.08	19	P	P	23 52 07.4	0.0
COLA	College	84.08	19	P	P	23 52 07.7	+0.2
COLA	College	84.08	19	P	pmax	23 52 07.6	+0.2
HDA	Harding Lake	84.08	20	P	P	23 52 07.6	+0.1
PCA	Pinnacle	84.08	25	P	P	23 52 09.1	+1.3
PINM	Pinnacle	84.09	25	P	P	23 52 08.8	+1.0
K24K	Donnelly Dome	84.10	21	P	P	23 52 08.5	+0.8
KOLN	Koldanda	84.16	299	eP	P	23 52 07.7	-1.3
KOLN	Koldanda	84.16	299	eP	P	23 52 08.0	-1.0
H23K	Yukon River	84.16	18	P	P	23 52 08.5	+0.6
DANN	Dangsing	84.17	300	eP	P	23 52 07.2	-2.0
PNL	Peninsula	84.22	26	P	P	23 52 09.0	+0.6
BCPM	Bancas Point	84.27	26	P	P	23 52 09.9	+1.3
BCPM	Bancas Point	84.27	26	I	Amb	23 52 11.0	
M26K	Nabesna, AK	84.28	23	P	P	23 52 09.4	+0.8
MENT	Mentasta	84.32	22	I	Amb	23 52 11.2	
IL31	IL31	84.33	20	P	P	23 52 08.4	-0.3
IL31	IL31	84.33	20	I	Amb	23 52 10.6	
ILAR	Eielson Array	84.33	20	P	P	23 52 08.8	0.0
ILAR	Eielson Array	84.33	20	I	Amb	00 10 21.0	-3.3
ILAR	Eielson Array	84.33	20	P	P	23 52 09.0	+0.2
POKR	Poker Plat Res	84.37	19	I	Amb	23 52 10.4	
POKR	Poker Plat Res	84.37	19	I	Amb	20 04 26.8	
POKR	Poker Plat Res	84.37	19	P	P	23 52 08.5	-0.5
O28M	Mount Upton	84.48	25	P	P	23 52 10.9	+0.9
H02S1	DAWSON INLET T	84.51	34	T	T	01 25 23.7	
L26K	Log Cabin Wild	84.51	22	I	Amb	23 52 10.8	+1.0
L26K	Log Cabin Wild	84.51	22	P	P	23 52 12.7	
L26K	Log Cabin Wild	84.51	22	P	P	23 52 11.1	+1.3
F22K	John River	84.55	16	P	P	23 52 10.9	+1.0
G23K	Bananza Creek	84.61	17	P	P	23 52 11.5	+1.2
M27K	Edge Creek, AK	84.68	23	P	P	23 52 12.0	+1.2
TIXI	Tiksi	84.69	350	LR	LR	00 28 49.0	
TIXI	Tiksi	84.69	350	P	P	23 52 09.8	-0.6
TIXI	Tiksi	84.69	350	I	Amb	23 52 12.2	
TIXI	Tiksi	84.69	350	eP	pmax	23 52 10	

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like Q32M Nakina River, K29M Barlow Dome, S34M Telegraph Cree, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like NV11 Mina Array Sit, MPMY Sheela, RRX Edison Barstow, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like WTKN, R11A Troy Canyon, R11A Troy Canyon, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HVAL, BCOY, MSO, SPUT, NRIK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SMCQ, MNTX, VNA3, K2ZA, N23A, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NOA, BRTR, LSZ, CPUP, etc.

10d Oh

BLLA	comp=E,538µm,0.3s	0.78	98	P	Pn	00 13 24.7	-0.2
BLLA	comp=E,472µm,0.3s			AML	AML		
BLLA	comp=N,425µm,1.4s			AML	AML		
BLLA	comp=N,426µm,1.4s			AML	AML		
BLLA	comp=N,472µm,0.3s			AML	AML		
CSNT	Castellina Chi	0.78	185	P	Pb	00 13 24.5	+0.2
CSNT				S	Sn	00 13 36.8	+0.8
CSNT	Castellina Chi	0.78	185	P	Pb	00 13 24.6	+0.2
CSNT				S	Sn	00 13 36.1	+0.2
CSNT	comp=E,478µm,0.5s			AML	AML		
CPGN	comp=N,330µm,0.6s			AML	AML		
CPGN	Carpegna, Ital	0.81	124	P	Pn	00 13 25.4	0.0
CPGN	comp=N,554µm,1.0s			AML	AML		
CPGN	comp=E,640µm,0.5s			AML	AML		
CPGN	comp=E,747µm,0.8s			AML	AML		
CPGN	comp=N,772µm,1.1s			AML	AML		
PII	Pisa	0.82	230	P	Pb	00 13 25.1	+0.1
PII	Pisa	0.82	230	P	Pb	00 13 25.0	0.0
PII	comp=E,726µm,1.2s			AML	AML		
RSM	comp=N,619µm,1.0s			AML	AML		
PARC	Repubblica di	0.83	112	P	Pn	00 13 25.5	-0.1
PARC	Parchiule	0.86	134	P	Pb	00 13 25.4	-0.2
PARC	comp=N,440µm,0.4s			AML	AML		
PARC	comp=E,256µm,0.6s			AML	AML		
SBPO	S.Benedetto Po	0.87	337	P	Pn	00 13 27.5	+1.4
EQUI	Equi	0.90	265	P	Pn	00 13 27.7	+1.2
EQUI	Equi	0.90	265	P	Pb	00 13 26.1	-0.2
EQUI	comp=N,173µm,0.5s			AML	AML		
EQUI	comp=E,168µm,1.4s			AML	AML		
FIVI	Fivizzano	0.91	270	P	Pn	00 13 28.5	+1.8
PRMA	Parma	0.93	304	P	Pn	00 13 29.5	+2.5
BADI	Badiali	0.96	140	P	Pn	00 13 27.6	+0.1
PE3	Peglio	0.97	125	AML	AML		
PE3	comp=N,1185µm,0.4s			AML	AML		
GRAM	Graiana	0.98	285	P	Pb	00 13 29.8	+2.0
GRAM	Graiana	0.98	285	P	Pn	00 13 27.7	-0.1
GRAM	comp=E,1105µm,0.6s			AML	AML		
GRAM	comp=N,1035µm,0.4s			AML	AML		
MNTV	Mantova	1.00	335	S	Sn	00 13 45.5	+4.3
CAFI	Castiglione Fio	1.01	156	P	Pb	00 13 28.6	+0.3
CAFI	comp=N,292µm,0.6s			AML	AML		
CAFI	comp=N,319µm,0.7s			AML	AML		
FROS	Frosini	1.05	189	P	Pb	00 13 29.0	0.0
FROS	comp=N,246µm,1.6s			AML	AML		
FROS	comp=N,246µm,1.6s			AML	AML		
FROS	comp=E,356µm,0.5s			AML	AML		
OPPE	Oppeano	1.07	352	P	Pb	00 13 29.3	+0.1
OPPE	Oppeano	1.07	352	P	Pb	00 13 29.1	-0.1
OPPE	comp=N,832µm,0.5s			AML	AML		
OPPE	comp=N,832µm,0.5s			AML	AML		
OPPE	comp=E,1008µm,0.4s			AML	AML		
ATPI	Pietralunga -	1.08	137	P	Pb	00 13 29.8	+0.3
ATPI	comp=N,326µm,0.4s			AML	AML		
ATPI	comp=N,321µm,1.0s			AML	AML		
ATPI	comp=N,388µm,0.8s			AML	AML		
ATPI	comp=N,376µm,0.4s			AML	AML		
PESA	Pesaro	1.09	106	P	Pb	00 13 30.2	+0.7
PESA	comp=N,386µm,0.4s			AML	AML		
PESA	comp=N,329µm,0.5s			AML	AML		
PESA	comp=N,528µm,0.3s			AML	AML		
PESA	comp=N,398µm,0.3s			AML	AML		
PIEI	Pieia	1.09	131	P	Pb	00 13 29.8	+0.1
PIEI	comp=N,332µm,0.3s			AML	AML		
PIEI	comp=N,415µm,0.1s			AML	AML		
PIEI	comp=N,504µm,0.3s			AML	AML		
ATMI	Monte Miggiano	1.11	145	P	Pb	00 13 30.2	+0.2
ATMI	comp=N,510µm,0.4s			AML	AML		
ATMI	comp=N,754µm,0.7s			AML	AML		
ATMI	comp=N,924µm,1.2s			AML	AML		
ATMI	comp=N,972µm,0.3s			AML	AML		
TEOL	Teolo	1.13	10	P	Pn	00 13 29.4	-0.3
TEOL	comp=N,1665µm,1.0s			AML	AML		
TEOL	comp=N,1280µm,1.0s			AML	AML		
PLMA	Palmaria, Port	1.13	260	AML	AML		
PLMA	comp=N,371µm,0.6s			AML	AML		
MPAG	Monte Paganucc	1.17	122	P	Pb	00 13 31.1	+0.2
MPAG	comp=N,205µm,0.4s			AML	AML		
MPAG	comp=N,465µm,1.0s			AML	AML		
MPAG	comp=N,418µm,1.5s			AML	AML		
MPAG	comp=N,464µm,1.0s			AML	AML		
ATFO	Monte Foce - G	1.23	136	P	Pb	00 13 32.6	+0.6
ATFO	comp=N,557µm,0.7s			AML	AML		
ATFO	comp=N,586µm,0.4s			AML	AML		
ARVD	Arcevia	1.35	123	AML	AML		
ARVD	comp=N,843µm,0.9s			AML	AML		
ARVD	comp=N,672µm,0.8s			AML	AML		
MSSA	Maissana	1.35	273	P	Pb	00 13 34.0	-0.1
MSSA	comp=N,212µm,1.0s			AML	AML		
MSSA	comp=N,286µm,0.5s			AML	AML		
MSSA	comp=N,211µm,0.8s			AML	AML		
ATCC	AVT- Casa Cast	1.40	139	AML	AML		
ATCC	comp=N,4145µm,0.2s			AML	AML		
ATCC	comp=N,4240µm,0.2s			AML	AML		
ARCI	Arcidosso	1.40	178	P	Pb	00 13 34.3	-0.7

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ARCI	comp=E,68µm,0.9s			AML	AML		
ARCI	comp=N,60µm,0.4s			AML	AML		
MGAB	Montebagnone	1.44	158	P	Pb	00 13 34.8	-0.7
MGAB	comp=E,588µm,0.4s			AML	AML		
MGAB	comp=N,598µm,0.5s			AML	AML		
SACS	San Casciano d	1.45	165	P	Pn	00 13 35.0	+0.8
SACS	comp=N,190µm,0.5s			AML	AML		
SACS	comp=N,159µm,0.5s			AML	AML		
SACS	comp=N,160µm,0.5s			AML	AML		
SACS	comp=N,180µm,1.0s			AML	AML		
MCIV	Monte Civitelli	1.49	172	P	Pn	00 13 34.8	+0.1
MCIV	comp=N,93µm,0.6s			AML	AML		
MCIV	comp=N,128µm,0.4s			AML	AML		
BALD	Monte Baldo	1.49	344	P	Pn	00 13 34.7	-0.2
SALO	Salò	1.50	336	P	Pn	00 13 35.5	+0.6
SALO	comp=N,550µm,0.5s			AML	AML		
SALO	comp=N,517µm,1.0s			AML	AML		
SALO	comp=N,536µm,1.0s			AML	AML		
SALO	comp=N,520µm,0.5s			AML	AML		
CASP	Castiglione de	1.51	195	P	Pn	00 13 35.3	+0.4
CASP	comp=N,66µm,0.5s			AML	AML		
CASP	comp=N,66µm,0.3s			AML	AML		
GORR	Gorretto	1.55	284	P	Pb	00 13 38.9	+1.5
GORR	comp=N,358µm,1.1s			AML	AML		
GORR	comp=N,352µm,0.5s			AML	AML		
DOSS	Dosso del Somo	1.64	355	P	Pn	00 13 36.6	-0.3
DOSS	comp=N,312µm,0.3s			AML	AML		
DOSS	comp=N,314µm,0.4s			AML	AML		
DOSS	comp=N,283µm,0.2s			AML	AML		
DOSS	comp=N,274µm,1.3s			AML	AML		
CGRP	Cima Grappa	1.65	10	P	Pn	00 13 36.6	-0.6
CGRP	comp=N,163µm,1.2s			AML	AML		
CGRP	comp=N,196µm,1.0s			AML	AML		
LUSI	Trento, Gardas	1.74	350	P	Pn	00 13 38.4	+0.2
LUSI	comp=N,407µm,0.3s			AML	AML		
LUSI	comp=N,668µm,1.2s			AML	AML		
ZONE	Zone	1.76	330	P	Pn	00 13 38.9	+0.4
ZONE	comp=N,322µm,0.2s			AML	AML		
ZONE	comp=N,442µm,0.3s			AML	AML		
RNCA	Ronca, Sant'OI	1.77	278	P	Pn	00 13 38.8	+0.4
RNCA	comp=N,84µm,1.4s			AML	AML		
RNCA	comp=N,84µm,1.4s			AML	AML		
RNCA	comp=N,84µm,1.4s			AML	AML		
CTI	Castel Tesino	1.81	6	P	Pn	00 13 39.1	-0.1
CTI	comp=N,309µm,1.2s			AML	AML		
CTI	comp=N,342µm,1.3s			AML	AML		
BRJN	Brijuni	1.81	68	P	Pn	00 13 39.0	-0.1
VARN	Col Varnada, M	1.81	16	P	Pn	00 13 38.7	-0.5
VARN	comp=N,210µm,0.5s			AML	AML		
VARN	comp=N,284µm,1.0s			AML	AML		
VARN	comp=N,222µm,0.5s			AML	AML		
VARN	comp=N,306µm,1.0s			AML	AML		
CESX	Cesi	1.85	152	AML	AML		
CESX	comp=N,1245µm,0.2s			AML	AML		
MDI	Monti di Nese	1.94	323	P	Pn	00 13 41.2	+0.3
MDI	comp=N,1330µm,0.3s			AML	AML		
MDI	comp=N,264µm,0.3s			AML	AML		
MDI	comp=N,164µm,0.3s			AML	AML		
MORSI	Morsiglia	1.96	229	P	Pn	00 13 41.7	+0.5
LNSS	Leonessa	2.04	143	AML	AML		
LNSS	comp=N,1245µm,0.4s			AML	AML		
SRES	S.Oreste - Sor	2.17	158	AML	AML		
SRES	comp=N,1580µm,0.3s			AML	AML		
SRES	comp=N,188µm,0.6s			AML	AML		
SRES	comp=N,178µm,0.5s			AML	AML		
CIMO	Cimolais	2.19	19	P	Pn	00 13 43.8	-0.5
CIMO	comp=N,111µm,0.6s			AML	AML		
CIMO	comp=N,50µm,0.6s			AML	AML		
CIMO	comp=N,110µm,0.6s			AML	AML		
CIMO	comp=N,54µm,1.0s			AML	AML		
KOSI	Kohlern	2.21	360	P	Pn	00 13 46.3	+1.5
KOSI	comp=N,116µm,0.8s			AML	AML		
KOSI	comp=N,121µm,0.6s			AML	AML		
STAL	STALIGIAL	2.21	24	P	Pn	00 13 44.5	-0.2
STAL	comp=N,402µm,0.7s			AML	AML		
STAL	comp=N,348µm,0.3s			AML	AML		
STAL	comp=N,428µm,1.5s			AML	AML		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Grand/Maison, Oris-en-Rattie, Sulz, Chaisacher, etc.

NEIC 10 00:13:41.2±1.5, 3.8S; 0.2±153.4E; 0.1, h159km, 10km, mb4.4/19, Error ellipse: s-maj=26.2km s-min=14.7km az=160.0

IDC 10 00:13:42.6±1.7, 3.78S; 152.99E, h171km, 6km, mb3.8/3, mbmp4.3/5, Error ellipse: s-maj=49.3km s-min=20.3km az=149.0

ISC 10 00:13:40.0±1.2, 3.8S; 0.1±153.4E; 0.1, h150km, n38, c=159/46, mb4.5/14, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Rabaul, Keravat, Port Moresby, etc.

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

ROM 10 00:14:07.2±0.1, 43.016N; 0.003-13.062E; 0.005, h9km, ML2.7/17, 12C-6D, Error ellipse: s-maj=0.4km s-min=0.2km az=59.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Fiorimonte, FEM, Motta Fema, etc.

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

DJA 10 00:19:47.0±2.1, 2.1S; 122.2E; h10km, M3.5/12, mb4.0/4, Mw5.1/2, Mjma3.4/12, ML3.6/12, MLv3.5/12, Ms(BB)3.3/7, Mw(MB)4.5/2, Minahassa Peninsula, Sulawesi

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

IDC 10 00:21:56.4±4.2, 10.36S; 160.18E, h0km, mb3.8/4, mbmp3.8/4, Error ellipse: s-maj=104.3km s-min=23.6km az=105.0, Bougainville-Solomon Islands region

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

IDC 10 00:23:43.6, 10.45S; 161.38E, h0km, mb4.7/11, Solomon Islands

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

NOU 10 00:23:43.6, 10.45S; 161.38E, h0km, mb4.7/11, Solomon Islands

ISC-EH 10 00:23:44.8, 10.35S; 161.44E, h50km, 3km, Error ellipse: s-maj=8.1km s-min=4.8km az=125.0

NEIC 10 00:23:45.7±1.2, 10.39S; 0.10, 161.4E; 0.1, h56km, 7km, mb4.7/52, Error ellipse: s-maj=17.9km s-min=11.1km az=51.0

IDC 10 00:23:48.2±2.7, 10.37S; 161.35E, h90km, 20km, mb4.0/17, mbmp4.3/18, MS3.9/3, Error ellipse: s-maj=26.5km s-min=14.4km az=106.0

ISC 10 00:23:45.0±1.5, 10.37S; 0.06, 161.52E; 0.08, h61km, n102, c=152/103, mb4.6/49, 1C, Bougainville-Solomon Islands region

10d Oh

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains station data for Honiara, Koumac, DZM, etc.

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Table with columns: SCM, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains station data for Sheep Creek Mo, Thorofore Moun, Tolsona, Glenn, etc.

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains station data for KLF, KTK1, KTKI, etc.

UPP 10 00:42:56.7±0.2, 67.85N±20.20E, h0km, ML2.6, Explosion
IDC 10 00:42:26.7±1.0, 67.84N±20.63E, h0km, mltmp3.3/5,
ML2-3/5, Error ellipse: s-maj=18.3km s-min=8.2km
az=113.0

ISC 10 00:42:56.1±0.8, 67.80N±0.04±20.17E±0.07, h0km, n10,
c1943/14, Sweden

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains station data for KOVU, KOUVU, MASU, etc.

IDC 10 00:43:11.4±1.1, 10.78S±161.25E, h0km, mb3.9/8,
mbtmp3.9/9, ML3.0/1, Error ellipse: s-maj=27.5km
s-min=20.7km az=78.0

NEIC 10 00:42:14.5±1.1, 10.9S±0.1±161.2E±0.2, h10km±2km,
mb4.1/6, Error ellipse: s-maj=38.6km s-min=6.1km
az=55.0

ISC 10 00:43:13.0±0.8, 10.74S±0.09±161.3E±0.1, h10km, n19,
c0986/20, mb4.0/10, Bougainville-Solomon Islands
region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains station data for HNR, MORW, NWAO, etc.

IDC 10 00:38:06.4±2.4, 6.59S±130.17E, h0km, mb3.4/1,
mbtmp3.3/3, ML3.5/2, Error ellipse: s-maj=68.8km
s-min=32.4km az=70.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains station data for WRA, WRA, ASAR, etc.

MDD 10 00:38:53.6±1.4, 36.91N±3.65E, h0km, Mb3.9/7,
M_mb3.2/7, Error ellipse: s-maj=16.9km s-min=6.0km
az=129.0

CRAAG 10 00:38:54.8, 36.86N±3.60E, ML2.5
ISC 10 00:38:53.7±1.5, 36.96N±0.07±3.88E±0.10, h12km, n8,
c1945/10, SC, Northern Algeria

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains station data for ABMS, ABA, ADJB, etc.

UPP 10 00:42:26.4±0.3, 67.82N±20.15E, h0km, ML2.6, Explosion
HEL 10 00:42:26.7±1.0, 67.84N±20.17E, h0km, ML1.7, Explosion
ISC 10 00:42:26.7±1.0, 67.84N±0.03±20.36E±0.05, h0km, n33,
c093/30, Sweden

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains station data for HNR, HNR, HNR, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like Townsville Har, Tara, CTA, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like XLT, XLT, XLT, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like CMAR, SONM, BRKL, etc.

LIFNC	LIFOU	11.89 152	Pn	Pn	02 41 07.5 -1.1
LIFNC	LIFOU	11.89 152	P	P	02 41 10.1 +1.5
DZM	Mont Dzumac	12.70 158	P	Pn	02 41 21.2 +1.4
DZM	42nm,0.5s,baz=4.2,slow=17,SNR=148		S	Sn	02 43 36.6 -3.3
DZM	Mont Dzumac	12.70 158	ePn	Pn	02 41 17.5 -2.3
DZM	1um,1.4s				
DZM	comp=Z,18nm,23.6s		eLR	LR	02 44 13.0
DZM	Mont Dzumac	12.70 158	Pn	Pn	02 41 20.8 +1.0
DZM	Mont Dzumac	12.70 158	P	Pn	02 41 21.9 +2.1
YATNC	Mamie plateau,	12.87 156	P	P	02 41 24.1 +2.2
MARNC	Mare, Loyalty	12.87 150	Pn	Pn	02 41 21.4 -0.6
MARNC	Mare, Loyalty	12.87 150	P	Pn	02 41 23.5 +1.5
ONTNC	Ouen Toro	12.92 158	P	Pn	02 41 24.3 +1.7
ONTNC	Ouen Toro	12.92 158	P	Pn	02 41 26.1 +3.4
OUENC	Ouen Island, N	13.17 157	Pn	Pn	02 41 27.2 +1.1
OUENC	Ouen Island, N	13.17 157	P	P	02 41 28.3 +2.2
PMG	Port Moresby	13.92 273	P	P	02 41 41.3 -2.0
PMG	117nm,0.9s,baz=103,slow=9.3,SNR=8.5				
PMG	Port Moresby	13.92 273	Pn	Pn	02 41 37.4 +1.1
PMG	Port Moresby	13.92 273	P	Pn	02 41 39.3 +3.0
PMG	Port Moresby	13.92 273	P	Pn	02 41 37.9 +1.6
PMG	Port Moresby	13.92 273	P	Pn	02 41 37.4 +1.1
MANU	Manus Island	16.06 300	Pn	Pn	02 40 04.2 -0.2
MANU	Manus Island	16.06 300	P	Pn	02 42 06.7 -0.5
TARA	Tarawa	16.41 46	Pn	Pn	02 42 06.2 -2.7
TARA	comp=Z,628nm,1.4s		Iamb	Iamb	02 42 15.9
TARA	Tarawa	16.41 46	P	Pn	02 42 10.1 +1.2
GD1S	Gladstone Soft	16.53 214	P	P	02 42 14.3 +2.0
TV1H	Townsville Har	16.56 236	P	P	02 42 12.4 -0.2
RK1H	Rockhampton Ha	16.57 217	P	P	02 42 13.1 +0.4
PATS	Pohnpei	17.29 350	P	P	02 42 20.6 -0.2
PATS	Pohnpei	17.29 350	P	Pn	02 42 20.0 +0.2
CTA	Charters Tower	17.42 234	P	P	02 42 23.4 +1.2
CTA	comp=Z,48nm,0.7s,baz=64,slow=10,SNR=66		S	Sn	02 45 29.2 -5.3
CTA	Charters Tower	17.42 234	P	P	02 42 25.0 +2.9
CTAO	Charters Tower	17.42 234	P	P	02 42 22.1 -0.1
CTAO	Charters Tower	17.42 234	P	P	02 42 25.1 +2.9
CTAO	Charters Tower	17.42 234	P	P	02 42 22.1 -0.1
CTAO	comp=Z,136nm,1.0s		pmax	pmax	
FUNA	Funafuti	17.79 86	Pn	Pn	02 42 25.4 -0.6
FUNA	Funafuti	17.79 86	Iamb	Iamb	02 42 41.2
FUNA	Funafuti	17.79 86	P	P	02 42 28.3 +2.0
EIDS	Eidsvold	17.81 211	P	P	02 42 29.1 +2.6
EIDS	Eidsvold	17.81 211	P	P	02 42 28.4 +1.9
EIDS	Eidsvold	17.81 211	P	P	02 42 29.1 +2.6
MSVF	Nonsavu	17.88 116	P	Pn	02 42 27.1 -0.1
MSVF	comp=Z,52nm,0.9s,baz=27.0,slow=5.7,SNR=16				
MSVF	Nonsavu	17.88 116	P	P	02 42 26.7 -0.4
MSVF	Nonsavu	17.88 116	P	P	02 42 29.1 +1.8
MSVF	Nonsavu	17.88 116	iP	P	02 42 28.0 +0.7
COEN	Coen	18.04 257	P	Pn	02 42 33.4 +4.3
COEN	18.04,SNR=19				
COEN	Coen	18.04 257	P	Pn	02 42 30.0 +1.0
MTSU	Mount Surprise	18.15 243	P	Pn	02 42 34.9 +4.4
MTSU	Mount Surprise	18.15 243	P	Pn	02 42 34.9 +4.4
AUBSH	Beerwah State	18.23 204	P	Pn	02 42 33.7 +2.5
AUWSH	Wavell State H	18.67 203	P	Pn	02 42 39.3 +2.7
DGTI	Dogotuki	18.94 110	P	Pn	02 42 41.4 +1.4
GC1S	Gold Coast 1 S	19.18 201	P	Pn	02 42 44.6 +1.8
TAVE	Taveuni	19.35 111	P	Pn	02 42 46.1 +0.9
RMQ	Roma	19.38 215	P	Pn	02 42 53.1 +1.2
RMQ	comp=Z,20nm,SNR=155				
RMQ	Roma	19.35 215	P	Pn	02 42 53.3 +1.3
KWAJ	Kwajalein Atol	20.02 19	P	P	02 42 51.0 +0.3
KWAJ	Kwajalein Atol	20.02 19	P	P	02 42 51.0 +0.3
KWAJ	Kwajalein Atol	20.02 19	pmax	pmax	
LKBA	Tubou, Lakemba	20.84 114	P	Pn	02 43 03.9 +1.3
LHI	Lord Howe Isla	21.00 185	P	P	02 43 03.1 -0.3
JAY	Jayapura	21.83 289	P	P	02 43 10.1 -0.2
JAY	comp=Z,12nm,1.0s				
ARMA	Armidale	21.92 203	P	P	02 43 12.5 +3.1
ARMA	Armidale	21.92 203	P	P	02 43 12.5 +3.1
ARMA	Armidale	21.92 203	P	P	02 43 11.4 +0.2
ARMA	Armidale	21.92 203	P	P	02 43 12.6 +1.4
GENI	Genyem	22.30 289	P	P	02 43 21.2 +5.9
GENI	comp=Z,5umcomp=Z,122nm,2.1s				
GENI	Genyem	22.30 289	P	P	02 43 17.7 +2.4
AULRC	Lightning Ridg	22.71 211	P	P	02 43 21.5 +2.0
QLP	Quilpie	22.81 223	P	P	02 43 22.3 +1.7
QLP	22.81,SNR=3.4				
QLP	Quilpie	22.81 223	P	P	02 43 22.6 +1.9
AUPS	Peel High Scho	22.81 203	P	P	02 43 22.3 +1.7
AUPS	Mount Isa	23.19 241	P	P	02 43 25.5 +0.9
AUPS	23.19,SNR=25				
QIS	Quilpie	23.19 241	P	P	02 43 26.0 +1.4
AUDCS	Dubbo College	24.73 206	P	P	02 43 40.1 +1.3
CMSA	Cobar Meteorol	25.57 212	P	P	02 43 46.9 +0.5
CMSA	Cobar Meteorol	25.57 212	P	P	02 43 46.9 +0.5
CMSA	Cobar Meteorol	25.57 212	P	P	02 43 47.2 +0.8
CMSA	Cobar Meteorol	25.57 212	P	P	02 43 50.9 +1.2
INKA	Innamerra	25.60 100	P	P	02 43 52.9 -3.0
AFI	Afiamau	26.10 100	P	P	02 43 55.5 -0.4
AFI	comp=Z,26nm,0.7s,baz=25.9,slow=18,SNR=4.3				
AFI	Afiamau	26.10 100	P	P	02 43 55.5 -0.4
AFI	Afiamau	26.10 100	P	P	02 43 58.0 +2.0
AFI	Afiamau	26.10 100	P	P	02 43 55.6 -0.4
AFI	comp=Z,149nm,1.6s		pmax	pmax	
RAO	Raoul Island	27.10 137	P	P	02 44 00.5 +0.3
RAO	Raoul Island	27.10 137	P	P	02 44 00.5 +0.3
RAO	comp=Z,645nm,1.6s		pmax	pmax	
CNB	Camberra Magne	27.14 202	P	P	02 44 01.8 +1.2
CAN	Canberra	27.28 202	P	P	02 44 02.0 +0.2
CAN	Canberra	27.28 202	P	P	02 44 03.0 +1.2
CAN	Canberra	27.28 202	P	P	02 44 02.0 +0.2
CAN	comp=Z,23nm,0.9s		pmax	pmax	
WRAB	Tennant Creek	27.64 247	P	Iamb	02 44 05.1 -0.1
WRAB	comp=Z,173nm,1.6s		Iamb	Iamb	02 44 24.2
WRAB	Tennant Creek	27.64 247	P	P	02 44 05.2 0.0
WRAB	Tennant Creek	27.64 247	iP	P	02 44 05.8 +0.6
WRAB	comp=Z,88nm,1.7s		pmax	pmax	
WB2	Warramunga Arr	27.64 247	P	P	02 44 05.9 +0.7
WB2	Warramunga Arr	27.64 247	P	P	02 44 05.6 +0.4
WB2	Warramunga Arr	27.64 247	Iamb	Iamb	02 44 25.1
WRA	Warramunga Arr	27.65 247	P	P	02 44 05.6 +0.3
WRA	comp=Z,192nm,1.6s				
WRA	comp=Z,26nm,0.7s,baz=76,slow=9.2,SNR=133		ScP	ScP	02 50 57.1 -1.9
WRA	Warramunga Arr	27.65 247	P	P	02 44 04.5 -0.8
STKA	Stevens Creek	28.13 217	P	P	02 44 10.0 +0.6
STKA	comp=Z,9.9nm,1.0s,baz=64,slow=15,SNR=15				
STKA	Stevens Creek	28.13 217	P	P	02 44 10.3 +0.9
STKA	Stevens Creek	28.13 217	P	P	02 44 10.3 +0.9
STKA	Stevens Creek	28.13 217	P	P	02 44 09.7 +0.3
STKA	Stevens Creek	28.13 217	P	P	02 44 10.4 +1.0
STKA	Stevens Creek	28.13 217	iP	P	02 44 11.5 +0.4
KDU	Kakadu	28.29 262	P	P	02 44 11.5 +0.4
KDU	Kakadu	28.29 262	P	P	02 44 11.2 +0.1
MILA	Mila	28.79 200	P	P	02 44 17.5 +2.3
H1S2	WAKE ISLAND Hy	29.13 11	T	T	03 13 37.3
H1S3	WAKE ISLAND Hy	29.13 11	T	T	03 13 41.7
H1S3	WAKE ISLAND Hy	29.13 11	T	T	03 13 41.7
H1S3	WAKE ISLAND Hy	29.13 11	T	T	03 13 41.7
H1S3	WAKE ISLAND Hy	29.13 11	T	T	03 13 41.7
AS01	Alice Springs	29.22 239	P	P	02 44 18.4 -0.9
AS31	Alice Springs	29.26 240	P	P	02 44 19.3 -0.3
ASAR	Alice Springs	29.26 240	P	P	02 44 18.7 -0.9
ASAR	comp=Z,19nm,0.9s,baz=69,slow=3.4,SNR=87		ScP	ScP	02 51 00.9 -3.1
ASAR	comp=Z,5.9nm,0.9s,baz=68,slow=3.1,SNR=11				
ASAR	comp=Z,18nm,0.9s				
LCRK	Leigh Creek	29.34 224	P	P	02 44 20.7 +0.5

MTN	Manton Dam	29.61 262	P	P	02 44 23.1 +0.4
MTN	comp=Z,30,SNR=6.7				
MTN	Manton Dam	29.61 262	P	P	02 44 22.4 -0.3
MTN	Manton Dam	29.61 262	P	P	02 44 23.2 +0.4
OD	OODnadatta	29.66 231	P	P	02 44 23.8 +0.7
FAKI	Fak Fak	29.71 282	P	P	02 44 25.0 +1.3
FAKI	Fak Fak	29.71 282	P	P	02 44 28.4 +4.7
FAKI	comp=Z,1umcomp=Z,24nm,1.3s				
FAKI	Fak Fak	29.71 282	P	P	02 44 27.4 +3.7
H1N1	WAKE ISLAND Hy	30.35 11	T	T	03 15 01.3
H1N1	WAKE ISLAND Hy	30.35 11	T	T	03 15 03.4
H1N2	WAKE ISLAND Hy	30.37 11	T	T	03 15 10.0
H1N2	WAKE ISLAND Hy	30.37 11	T	T	03 15 10.0
TOO	Tooolangi	30.62 205	P	P	02 44 32.9 +1.4
TOO	comp=Z,31,SNR=15				
TOO	Tooolangi	30.62 205	P	P	02 44 31.9 +0.4
TOO	Tooolangi	30.62 205	P	P	02 44 33.9 +1.8
TOO	Tooolangi	30.62 205	P	P	02 44 31.9 +0.4
TOO	comp=Z,39nm,1.2s		pmax	pmax	
HTT	Hallett	30.82 218	P	P	02 44 34.2 +0.9
HTT	comp=Z,31,SNR=17				
HTT	Hallett	30.82 218	P	P	02 44 34.1 +0.7
SUI	Sorong	31.25 286	P	P	02 44 36.9 -0.5
SUI	comp=Z,6.4nm,0.4s,baz=76,slow=6.8,SNR=6.0				
BRAT	Baran	31.28 207	P	P	02 44 39.4 +2.2
WHYH	Whyalla	31.40 220	P	P	02 44 39.5 +1.2
BNDI	Bandanaira	31.60 278	P	P	02 44 40.9 +0.6
BNDI	comp=Z,13umcomp=Z,340nm,0.8s				
BNDI	Bandanaira	31.60 278	P	P	02 44 41.1 +0.8
ARPS	Mount Arapiles	31.65 211	P	P	02 44 41.5 +0.9
ARPS	comp=Z,32,SNR=5.9				
ARPS	Mount Arapiles	31.65 211	P	P	02 44 42.0 +1.5
KNRA	Kunurru	32.08 257	P	P	02 44 45.1 +0.6
KNRA	comp=Z,32,SNR=25				
KNRA	Kunurru	32.08 257	P	P	02 44 45.2 +0.7
MULG	Mulgathing	32.18 228	P	P	02 44 45.1 -0.2
BBOO	Buckiehole	32.24 222	P	P	02 44 46.0 +0.2
BBOO	comp=Z,32,SNR=119				
BBOO	Buckiehole	32.24 222	P	P	02 44 46.2 +0.4
BBOO	Buckiehole	32.24 222	Iamb	Iamb	02 44 47.8
BBOO	comp=Z,172nm,1.3s				
BBOO	Buckiehole	32.24 222	P	P	02 44 45.5 +0.7
GLAD	Gladstone	32.71 199	P	P	02 44 51.4 +1.7
MSAI	Masalia	32.81 280	P	P	02 44 53.9 +8.9
JCZ	Jackson Bay	34.26 170	P	P	02 45 06.0 +2.7
MOO	Moorelands	34.29 199	P	P	02 45 05.9 +2.4
RPZ	Rata Peaks	34.34 167	P	P	02 45 04.1 +0.1
RPZ	comp=Z,12nm,0.6s,baz=30.1,slow=5.2,SNR=5.1				
WRKA	Warakuma	34.52 241	P	P	02 45 05.3 -0.5
WRKA	Warakuma	34.52 241	P	P	02 45 05.3 -0.5
NLAI	Narlawla	34.61 279	P	P	02 45 07.9 +1.3
NLAI	comp=Z,12nmcomp=Z,34nm,0.9s				
TAU	Tasmania Unive	34.67 198	P	Iamb	02 45 08.6 +1.8
TAU	Tasmania Unive	34.67 198	Iamb	Iamb	02 45 11.6
TAU	comp=Z,248nm,1.9s		pmax	pmax	02 45 08.6 +1.8
TAU	Tasmania Unive	34.67 198	P	P	02 45 18.3 -0.1
SANI	Sanana	35.98 281	P	P	02 45 18.5 +0.1
SANI	comp=Z,3umcomp=Z,136nm,1.3s				
SANI	Sanana	35.98 281	P	P	02 45 23.1 +0.8
SOEI	Soe	36.41 268	Iamb	Iamb	02 45 28.9
SOEI	comp=Z				

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=56, etc.).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=32, etc.).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=95, etc.).

725

O20K	Slope Mountain baz=226	79.17	22	P	P	02 50 21.0	-0.4
HOM	Homer baz=227	79.24	22	P	P	02 50 22.1	+0.4
BRLL	Bradley Lake baz=227	79.59	22	P	I	02 50 24.0	+0.3
BRLK	comp=Z,70nm,1.1s						
BRSE	Bradley Lake S baz=228,SNR=9.9	79.63	22	P	P	02 50 23.8	0.0
QSPA	South Pole Qui comp=Z,33nm,0.9s,baz=12,slow=1.5,SNR=44	79.68	180	P	P	02 50 23.4	-0.9
QSPA	South Pole Qui Big River Lodg baz=224	79.68	180	P	P	02 50 23.3	-0.9
LI9K	White Mountain comp=Z,67nm,1.1s	79.89	19	P	P	02 50 25.9	+0.9
LI9K	White Mountain baz=224,SNR=36	79.89	19	P	P	02 50 25.9	+0.6
TTA	Tatalina comp=Z,74nm,1.3s	80.07	18	I	Amb	02 50 28.0	
TTA	Tatalina baz=223,SNR=26	80.07	18	P	P	02 50 26.6	+0.3
N20K	Mount Spurr baz=226,SNR=8.0	80.09	21	P	P	02 50 25.7	-0.7
SPCR	Spurr Chakacha baz=226	80.09	21	P	P	02 50 25.6	-0.8
CAPN	Capitan Cook N baz=227	80.17	22	P	P	02 50 27.6	+1.0
M20K	Styx River baz=225	80.25	20	P	P	02 50 27.1	-0.2
SEW	Seward baz=229	80.36	23	P	P	02 50 27.8	+0.1
L20K	Farewell, AK baz=225	80.42	19	P	P	02 50 28.8	+0.7
O22K	Cooper Landing comp=Z,78nm,1.0s	80.50	22	I	Amb	02 50 46.8	
O22K	Cooper Landing baz=229	80.50	22	P	P	02 50 28.7	+0.2
MOY	Mondy comp=Z,43nm,1.9s	80.51	327	eP	pmax	02 50 28.6	-0.4
SUA	Susitna One comp=Z,138nm,1.4s	80.79	21	I	Amb	02 50 31.0	
SUA	Susitna One baz=227,SNR=7.8	80.79	21	P	P	02 50 29.6	-0.6
SKT	SKwentna comp=Z,148nm,1.6s	80.86	21	P	P	02 50 29.1	-1.4
RC01	Rabbit Creek A comp=Z,113nm,1.4s	80.90	22	I	Amb	02 50 31.9	
RC01	Rabbit Creek A baz=229,SNR=11	80.90	22	P	P	02 50 30.4	-0.2
K20K	Telida comp=Z,113nm,1.4s	80.99	19	P	I	02 50 30.9	-0.2
K20K	Telida baz=224	80.99	19	P	P	02 50 31.5	+0.4
GCSA	Galena City Sc baz=222	81.16	17	P	P	02 50 32.2	+0.2
M22K	Willow baz=228,SNR=12	81.20	21	P	P	02 50 31.8	-0.4
PPLA	Purkeypile comp=Z,83nm,1.4s	81.27	20	I	Amb	02 50 34.1	
PPLA	Purkeypile baz=228,SNR=9.3	81.27	20	P	P	02 50 31.9	-0.9
PWL	Port Wells comp=Z,98nm,1.2s	81.27	22	I	Amb	02 50 34.0	
PWL	Port Wells baz=230,SNR=8.9	81.27	22	P	P	02 50 32.7	0.0
PMR	Palmer comp=Z,159nm,1.6s	81.45	22	I	Amb	02 50 34.8	
PMR	Palmer baz=229,SNR=12	81.45	22	P	P	02 50 33.2	-0.4
J20K	Nowinta River comp=Z,116nm,1.4s	81.55	18	I	Amb	02 50 36.0	
J20K	Nowinta River baz=224	81.55	18	P	P	02 50 34.6	+0.5
KNK	Knik Glacier comp=Z,97nm,1.5s	81.58	22	P	P	02 50 35.9	
KNK	Knik Glacier baz=230,SNR=7.2	81.58	22	P	P	02 50 34.4	+0.1
CUT	Chuitina comp=Z,228,SNR=7.1	81.59	21	P	P	02 50 33.3	-0.9
GHO	Glory Hole Cre comp=Z,176nm,1.8s	81.64	22	I	Amb	02 50 35.9	
CAST	Castle Rocks comp=Z,118nm,1.5s	81.67	19	I	Amb	02 50 35.2	
CAST	Castle Rocks baz=226,SNR=24	81.67	19	P	P	02 50 33.9	-0.8
SML	Sawmill comp=Z,118nm,1.5s	81.88	22	I	Amb	02 50 37.4	
SML	Sawmill baz=230,SNR=8.3	81.88	22	P	P	02 50 35.9	0.0
CHUM	Lake Minchuminc baz=225,SNR=22	81.92	19	P	P	02 50 36.0	0.0
EYAK	Cordova Ski Ar comp=Z,55nm,1.1s	82.07	23	I	Amb	02 50 39.7	
EYAK	Cordova Ski Ar baz=232	82.07	23	P	P	02 50 36.8	0.0
PALK	Pallekele comp=Z,24nm,1.1s	82.07	279	eP	pmax	02 50 38.6	+0.6
PALK	Glacier View baz=230	82.09	22	P	P	02 50 36.9	-0.1
KTH	Kantishna Hill comp=Z,74nm,1.1s	82.14	20	I	Amb	02 50 37.5	
KAIM	Kayak Island baz=234	82.22	24	P	P	02 50 38.2	+0.6
SCM	Sheep Creek Mo comp=Z,144nm,1.6s	82.27	22	I	Amb	02 50 39.5	
SCM	Sheep Creek Mo baz=231,SNR=8.5	82.27	22	P	P	02 50 37.7	-0.3
TRF	Thorofore Moun comp=Z,59nm,1.2s	82.28	20	I	Amb	02 50 38.4	
TRF	Thorofore Moun baz=228,SNR=14	82.28	20	P	P	02 50 37.0	-1.1
DIV	Divide comp=Z,38nm,1.3s	82.42	23	I	Amb	02 50 41.4	
WAT1	Susitna Watana baz=230	82.47	21	P	P	02 50 38.5	-0.4
BPBW	Bear Paw Mtn. comp=Z,109nm,1.7s	82.49	19	I	Amb	02 50 38.5	-0.5
BPBW	Bear Paw Mtn. baz=227	82.49	19	P	P	02 50 38.3	-0.8
KLU	Klutina comp=Z,81nm,1.3s	82.58	23	I	Amb	02 50 43.1	
KLU	Klutina baz=232,SNR=15	82.58	23	P	P	02 50 39.8	+0.2
WAT6	Susitna Watana comp=Z,118nm,1.5s	82.59	21	P	P	02 50 39.5	-0.2
RND	Reindeer comp=Z,114nm,1.5s	82.74	20	I	Amb	02 50 41.9	
BMRM	Bremner River comp=Z,82nm,1.2s	82.77	23	I	Amb	02 50 44.6	
BMRM	Bremner River baz=233	82.77	23	P	P	02 50 40.7	+0.1
M24K	Tolsona, Glenn baz=232,SNR=16	82.86	22	P	P	02 50 41.9	+0.8
I21K	Tanana comp=Z,117nm,1.3s	82.92	18	I	Amb	02 50 43.0	
I21K	Tanana baz=226,SNR=22	82.92	18	P	P	02 50 41.5	+0.3
MCK	McKinley baz=229,SNR=53	82.92	20	P	P	02 50 40.7	-0.5
H21K	Melozitna River comp=Z,86nm,1.4s	83.01	17	I	Amb	02 50 43.5	
H21K	Melozitna River baz=225	83.01	17	P	P	02 50 42.1	+0.4
DHY	Denali Highway baz=231,SNR=11	83.04	21	P	P	02 50 42.0	0.0
N25K	Chitina, Valde comp=Z,42nm,0.9s	83.15	23	I	Amb	02 50 44.9	
N25K	Chitina, Valde baz=233,SNR=24	83.15	23	P	P	02 50 42.8	+0.3
WAX	Waxell Ridge comp=Z,64nm,1.0s	83.17	24	I	Amb	02 50 43.9	
MLY	Manley comp=Z,85nm,1.2s	83.20	19	I	Amb	02 50 43.8	
MLY	Manley baz=227,SNR=17	83.20	19	P	P	02 50 42.5	-0.2
GLB	Gilahina Butte GLB	83.36	23	P	P	02 50 43.8	+0.2
MESA	MESA baz=236	83.38	25	P	P	02 50 44.6	+0.7
G21K	Allakaket baz=225	83.42	17	P	P	02 50 43.9	+0.2

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HARP	HAARP baz=233,SNR=5.5	83.42	22	P	P	02 50 44.1	+0.2
NEA2	Nenana comp=Z,63nm,1.1s	83.44	19	I	Amb	02 50 44.3	
NEA2	Nenana baz=229,SNR=5.3	83.44	19	P	P	02 50 43.1	-0.8
YAH	Yahtse comp=Z,200nm,2.0s	83.57	25	I	Amb	02 50 47.2	
H22K	Ishatlina Cre baz=233	83.60	18	P	P	02 50 45.2	+0.5
MCARA	McCarthy VSAT baz=235,SNR=11	83.64	24	P	P	02 50 45.4	+0.4
PAX	Paxson baz=232,SNR=7.4	83.65	22	P	P	02 50 44.9	-0.3
WRH	Wood River Hill comp=Z,48nm,1.2s	83.69	20	I	Amb	02 50 45.6	
I23K	Minto, Yukon-K baz=239,SNR=7.2	83.72	19	P	P	02 50 44.5	-0.8
MAW	Mawson comp=Z,38nm,1.0s,baz=84,slow=5.4,SNR=11	83.72	202	P	P	02 50 45.7	+0.3
MAW	Mawson baz=84,SNR=7.6	83.72	202	P	P	02 50 45.6	+0.2
MAW	Mawson	83.72	202	P	P	02 50 45.8	+0.5
MAW	Mawson	83.72	202	P	P	02 50 45.8	+0.5
F21K	Alata River baz=225	83.93	16	P	P	02 50 46.4	0.0
MDM	Murphy Dome comp=Z,70nm,1.2s	83.96	19	I	Amb	02 50 47.0	
BARN	Barnard Glacie comp=Z,153nm,1.6s	84.00	24	I	Amb	02 50 49.8	
TCOL	CIGO, UAF Yang comp=Z,54nm,0.9s	84.02	19	I	Amb	02 50 47.2	
TCOL	CIGO, UAF Yang baz=230	84.02	19	P	P	02 50 45.7	-1.1
COLA	College comp=Z,50nm,0.9s	84.03	19	P	P	02 50 46.0	-0.8
COLA	College baz=230	84.03	19	P	P	02 50 45.7	-1.1
COLA	College	84.03	19	P	P	02 50 46.0	-0.8
COLA	College	84.03	19	P	P	02 50 46.0	-0.8
HDA	Harding Lake comp=Z,50nm,0.9s	84.03	20	I	Amb	02 50 47.7	
HDA	Harding Lake baz=241nm,1.0s	84.03	20	P	P	02 50 46.5	-0.4
PINM	Pinnacle comp=Z,167nm,1.2s	84.05	25	P	P	02 50 47.6	+0.4
K24K	Donnelly Dome baz=232,SNR=9.5	84.05	21	P	P	02 50 47.2	+0.1
H23K	Yukon River comp=Z,56nm,1.2s	84.11	18	I	Amb	02 50 48.8	
H23K	Yukon River baz=228,SNR=26	84.11	18	P	P	02 50 47.5	+0.2
PNL	Peninsula comp=Z,144nm,1.0s	84.19	26	P	P	02 50 48.2	+0.3
M26K	Nabesna, AK baz=235	84.23	23	P	P	02 50 48.3	+0.2
IL31	IL31 comp=Z,64nm,1.4s	84.28	20	P	I	02 50 47.4	-0.7
IL31	IL31 comp=Z,14nm,1.0s,baz=252,slow=3.7,SNR=78	84.28	20	P	I	02 50 48.7	
ILAR	Eielson Array comp=Z,14nm,1.0s	84.28	20	P	P	02 50 47.0	-1.2
POKR	Poker Plat Res comp=Z,230,SNR=6.6	84.32	19	P	P	02 50 47.1	-1.3
O28M	Mount Upton baz=237	84.44	25	P	P	02 50 49.9	+0.5
L26K	Log Cabin Wild comp=Z,144nm,1.0s	84.46	22	P	P	02 50 49.6	+0.4
F22K	John River baz=226	84.49	16	P	P	02 50 49.5	+0.3
G23K	Bananza Creek baz=228	84.56	17	P	P	02 50 50.0	+0.4
TIXI	Tiksi comp=Z,29nm,1.1s	84.58	350	P	P	02 50 48.5	-1.0
TIXI	Tiksi	84.58	350	P	P	02 50 48.5	-1.0
H24K	Noodor Dome baz=230	84.64	19	P	P	02 50 50.6	+0.6
M27K	Edge Creek, AK baz=236	84.64	23	P	P	02 50 51.0	+0.8
J25K	Salcha River, comp=Z,114nm,1.6s	84.69	20	I	Amb	02 50 51.7	
J25K	Salcha River, baz=232	84.69	20	P	P	02 50 50.2	-0.1
S31K	Pelican baz=241	84.75	28	P	P	02 50 50.7	+0.1
SCRK	Sand Creek comp=Z,234,SNR=22	84.79	21	P	P	02 50 51.1	+0.1
COLD	Coldfoot baz=228,SNR=10	84.85	17	P	P	02 50 51.6	+0.6
O29M	Mount Kennedy baz=239,SNR=5.5	84.87	26	P	P	02 50 51.9	+0.5
YUK3	Moose Creek baz=237,SNR=43	84.87	24	P	P	02 50 51.9	+0.4
P29M	Windy Craggy comp=Z,114nm,1.0s	84.89	27	P	P	02 50 52.0	+0.6
YUK8	Steele Glacier baz=238,SNR=43	84.89	25	P	P	02 50 52.3	+0.7
E22K	Anaktuvuk Pass baz=225	85.03	16	P	P	02 50 52.2	+0.3
L27K	Beaver Creek, comp=Z,102nm,1.4s	85.05	23	I	Amb	02 50 54.4	

CCX	comp=Z,59nm,1.1s	I	Amb	I	Amb	02 51 13.5
TKX	comp=Z,77nm,1.3s	88.95	57	I	Amb	02 51 13.6
NVAR	comp=Z,14nm,0.8s, baz=239,slow=6.0,SNR=P	88.96	51	P	P	02 51 11.3 -0.6
NVAR	comp=Z,14nm,0.8s	88.96	51	P	P	02 51 12.2 +0.3
MPMC	Manual Prosep	89.03	53	P	P	02 51 12.7 +0.5
MMPY	Sheldon Lake	89.06	25	P	P	02 51 12.5 +0.9
BBRC	Big Bear Solar	89.07	55	P	P	02 51 12.8 +0.2
G30M	IAoh Zrai Nji	89.14	20	P	P	02 51 12.2 +0.3
WTLY	Watson Lake, Y	89.14	28	I	Amb	02 51 14.8
WTLY	Watsoe Lake, Y	89.14	28	P	P	02 51 11.5 -0.5
RRX	Edison Barstow	89.15	54	P	P	02 51 13.4 +0.7
MONPZ	Monument Peak	89.17	57	P	P	02 51 13.9 +0.9
LCH	Last Change Ra	89.18	52	I	Amb	02 51 14.6
KVN	Kaiserville	89.26	50	I	Amb	02 51 15.2
PFO	Pinyon Flats 0	89.30	56	P	P	02 51 13.9 +0.4
PFO	Pinyon Flats 0	89.30	56	P	P	02 51 13.9 +0.4
PFO	Pinyon Flats 0	89.30	56	P	P	02 51 13.9 +0.4
TPFO	Pinyon Flats 0	89.31	56	P	P	02 51 13.9 +0.4
GRAC	Grapevine Rang	89.34	52	P	P	02 51 14.1 +0.6
PMD	Palm Desert	89.38	56	I	Amb	02 51 15.5
IKP	In-Ko-Pah, Jac	89.38	57	P	P	02 51 14.7 +0.9
GSC	Goldstone, Bar	89.40	54	I	Amb	02 51 15.8
GSC	Goldstone, Bar	89.40	54	P	P	02 51 14.5 +0.6
I07A	Izeze	89.48	45	I	Amb	02 51 16.3
MZP	Montezuma Peak	89.49	52	I	Amb	02 51 16.2
GMN	Gold Mountain	89.50	52	I	Amb	02 51 16.0
GSM	Queen of Sheba	89.50	53	I	Amb	02 51 15.9
LTY	Liberty	89.53	42	I	Amb	02 51 14.8
FURC	Furnace Creek	89.62	53	P	P	02 51 15.5 +0.8
F07A	Phinny Hill Vi	89.66	43	I	Amb	02 51 16.8
HWC	Hector,Ludlow	89.67	55	P	P	02 51 15.7 +0.6
SHSC	Sam W. Stewart	89.70	57	P	P	02 51 15.9 +0.7
BELC	Belle Mtn, Jos	89.76	56	P	P	02 51 16.3 +0.6
TGNT	Hyland Airport	89.92	27	P	P	02 51 15.2 -0.5
SHOC	Shoshone, Teco	89.95	54	P	P	02 51 16.7 +0.3
MK31	Makanchi Array	89.99	318	P	P	02 51 15.5 -0.8
MK31	Makanchi Array	89.99	318	P	P	02 51 15.5 -0.8
MK31	Makanchi Array	89.99	318	P	P	02 51 15.5 -0.8
MKAR	Makanchi Array	89.99	318	P	P	02 51 15.1 -1.2
MKAR	Makanchi Array	89.99	318	P	P	02 51 14.8 -1.5
MKAR	Makanchi Array	89.99	318	P	P	02 51 15.3 -1.0
MKAR	Makanchi Array	89.99	318	P	P	02 51 15.3 -1.0
HAWA	Hanford	90.06	43	I	Amb	02 51 18.6
SFX	San Felipe	90.08	59	P	P	02 51 16.5 -0.5
BC3	Big Chuckawall	90.13	56	P	P	02 51 18.0 +0.6
TUQ	Turquoise Moun	90.13	54	P	P	02 51 17.8 +0.5
LIRD	Liard River Hi	90.16	29	P	P	02 51 16.0 -0.7
G08A	Pilot Rock	90.17	44	I	Amb	02 51 19.2
MAKZ	Makanchi	90.20	318	P	P	02 51 16.3 -1.0
MAKZ	Makanchi	90.20	318	P	P	02 51 16.3 -1.0
MAKZ	Makanchi	90.20	318	P	P	02 51 16.3 -1.0
GMRC	Granite Mouta	90.20	55	P	P	02 51 18.2 +0.5
TPNV	Topopah Spring	90.20	53	P	P	02 51 18.3 +0.6
F31M	Tsighehtic	90.21	20	P	P	02 51 16.7 0.0
ZAAO	Zalesovo Array	90.41	325	P	P	02 51 16.4 -1.5
ZALV	Zalesovo Beam	90.41	325	P	P	02 51 16.1 -1.8
ZALV	Zalesovo Beam	90.41	325	P	P	02 51 16.5 -1.5
ZALV	Zalesovo Beam	90.41	325	P	P	02 51 16.5 -1.5
GLA	Glamis	90.52	57	P	P	02 51 20.2 +1.1
D08A	Wollman Farm,	90.63	42	I	Amb	02 51 20.9
INK	Inuvik	90.68	20	I	Amb	02 51 17.8 -1.1
INK	Inuvik	90.68	20	I	Amb	02 51 17.8 -1.1
INK	Inuvik	90.68	20	I	Amb	02 51 18.5 -0.4
INK	Inuvik	90.68	20	I	Amb	02 51 18.5 -0.4
B08A	Colville Reser	90.69	41	I	Amb	02 51 20.6
BLVC	Blythe	90.91	56	P	P	02 51 21.6 +0.8
BLVC	Blythe	90.91	56	P	P	02 51 21.6 +0.8
SHPR	Sheep Range	90.96	53	I	Amb	02 51 23.4
R11A	Troy Canyon, C	91.02	51	P	P	02 51 22.0 +0.5
NEE2	Needles Airpor	91.04	55	P	P	02 51 22.0 +0.6
SHLS	Shalkode	91.06	314	P	P	02 51 18.7 -2.8
SHLS	Shalkode	91.06	314	P	P	02 51 18.7 -2.8
BMO	Blue Mountains	91.20	45	I	Amb	02 51 23.8
C09A	Christina, Au	91.24	42	I	Amb	02 51 23.4
PDMCI	Parker Dam,Lak	91.33	56	P	P	02 51 23.4 +0.6
113A	Mohavk Valley,	91.33	57	I	Amb	02 51 24.9
BELA	Belgrano 2	91.50	177	P	P	02 51 21.1 -1.6
KPKS	Kokpek	91.68	314	P	P	02 51 22.8 -1.5
KPKS	Kokpek	91.68	314	P	P	02 51 22.8 -1.5
W13A	Hualapai Mount	91.69	55	I	Amb	02 51 26.7
ELK	Elko	91.78	49	I	Amb	02 51 27.0
SATY	Saty	91.79	313	eP	P	02 51 23.9 -1.1
SATY	Saty	91.79	313	eP	P	02 51 23.8 -1.1
214A	Organ Pipe Nat	91.97	58	I	Amb	02 51 29.3
214A	Organ Pipe Nat	91.97	58	P	P	02 51 26.8 +0.9
NEW	Newport	92.10	41	I	Amb	02 51 27.2
NEW	Newport	92.10	41	P	P	02 51 26.1 0.0
SPR3	Spring Creek 3	92.11	51	I	Amb	02 51 28.7

PLID	Pearl Lake	92.15	45	I	Amb	02 51 27.9
PSUT	Pine Spring	92.39	51	I	Amb	02 51 29.9
WAPA	Ward River	92.46	34	I	Amb	02 51 27.3
LCMT	Little Creek M	92.57	53	I	Amb	02 51 30.8
CCUT	Cedar City	92.58	52	I	Amb	02 51 31.3
SCZU	Shurtz Canyon	92.81	52	I	Amb	02 51 32.1
KSH	Kashi	92.87	309	P	P	02 51 33.1 +3.1
KSH	Kashi	92.87	309	P	P	02 51 44.1 +1.1
KSH	Kashi	92.87	309	P	P	02 51 33.1 +3.1
KSH	Kashi	92.87	309	P	P	02 51 44.1 +1.1
HLID	Hailey	92.95	46	I	Amb	02 51 32.6
HLID	Hailey	92.95	46	P	P	02 51 31.1 +0.8
HLID	Hailey	92.95	46	P	P	02 51 31.1 +0.8
HSIG	Hailey	93.02	61	I	Amb	02 51 32.5
U15A	North Rim	93.22	54	I	Amb	02 51 35.0
BRIDA	Berland Lookou	93.24	36	I	Amb	02 51 31.4
KURK	Kurchatov	93.28	321	P	P	02 51 29.8 -1.6
KURK	Kurchatov	93.28	321	P	P	02 51 44.3
KURK	Kurchatov	93.28	321	P	P	02 51 29.8 -1.6
KURK	Kurchatov	93.28	321	P	P	02 51 44.3
ELIB	Princess Elisa	93.36	192	dP	P	02 51 30.0 -1.6
KUU	Kurtz	93.43	314	eP	P	02 51 30.0 -2.4
KUU	Kurtz	93.43	314	eP	P	02 51 30.0 -2.4
BGU	Big Grassy Mou	93.46	49	I	Amb	02 51 34.8
TCRU	Three Creeks R	93.49	52	I	Amb	02 51 35.5
DUG	Dugway, Tooele	93.49	50	I	Amb	02 51 34.9
DUG	Dugway, Tooele	93.49	50	I	Amb	02 51 34.9
DUG	Dugway, Tooele	93.49	50	I	Amb	02 51 34.9
DUG	Dugway, Tooele	93.49	50	I	Amb	02 51 34.9
MTPU	Mount Pierson	93.59	52	I	Amb	02 51 36.6
WUJAZ	Wupatki	93.79	55	P	P	02 51 35.1 +0.7
HVU	Hansel Valley	93.81	48	I	Amb	02 51 37.6
MRO	Misoula	93.91	43	P	P	02 51 35.5 +0.9
NSIK	Norri'sk	93.92	340	P	P	02 51 32.0 -1.9
NRK	Norri'sk	93.92	340	P	P	02 51 32.0 -1.9
NLU	North Lily Min	94.01	50	I	Amb	02 51 37.3
C36M	Paulatuk	94.25	20	P	P	02 51 34.8 -0.6
C36M	Paulatuk	94.25	20	P	P	02 51 36.2
C36M	Paulatuk	94.25	20	P	P	02 51 34.8 -0.6
C36M	Paulatuk	94.25	20	P	P	02 51 36.2
MPU	Maple Canyon	94.35	50	I	Amb	02 51 39.1
Q16A	Castle Valley	94.52	51	I	Amb	02 51 40.1
TMUT	Trail Mountain	94.56	51	I	Amb	02 51 39.4
JLU	Jorjelle	94.59	50	I	Amb	02 51 43.6
A36M	Sachs Harbour	94.71	17	I	Amb	02 51 52.2
A36M	Sachs Harbour	94.71	17	I	Amb	02 51 37.3 -0.2
319A	Douglas	94.84	59	P	P	02 51 40.9
P17A	Butcher Ranch	94.94	51	P	P	02 51 39.9 +0.4
P17A	Butcher Ranch	94.94	51	P	P	02 51 41.6
LAZY	Lazy B Ranch	95.18	58	I	Amb	02 51 42.5
BTLS	Baital	95.25	315	eP	P	02 51 38.8 -1.8
BTLS	Baital	95.25	315	eP	P	02 51 38.8 -1.8
BOZ	Bozeman (W)	95.28	45	I	Amb	02 51 42.7
BOZ	Bozeman (W)	95.28	45	P	P	02 51 41.3 +0.4
BOZ	Bozeman (W)	95.28	45	P	P	02 51 41.3 +0.4
BOZ	Bozeman (W)	95.28	45	P	P	02 51 41.3 +0.4
YHB	Horse Butte	95.44	46	I	Amb	02 51 44.1
YHL	Hebgen Lake	95.47	46	I	Amb	02 51 44.4
REDW	Red Top Meadow	95.47	47	P	P	02 51 41.4 -0.6
REDW	Red Top Meadow	95.47	47	P	P	02 51 43.9
IMW	Indian Meado	95.49	47	I	Amb	02 51 44.2
YMR	Madison River	95.59	46	I	Amb	02 51 44.9
YNR	Norris Junctio	95.80	46	I	Amb	02 51 46.4
H17A	Grant Village	95.83	46	P	P	02 51 44.9 +1.3
RDMU	Red Mountain	96.00	50	I	Amb	02 51 44.2 -0.2
RDMU	Red Mountain	96.00	50	I	Amb	02 51 46.2
PV23	Carpenter Ridg	96.12	52	I	Amb	02 51 49.1
121A	Cookes Peak, D	96.27	58	P	P	02 51 46.4 +0.6
121A	Cookes Peak, D	96.27	58	P	P	02 51 46.1 +0.4
BW06	Boulder Array	96.32	48	P	P	02 51 45.9 0.0
PD31	Pinedale Array	96.32	48	P	P	02 51 45.8 0.0
PDAR	Pinedale Array	96.32	48	P	P	02 51 45.2 -0.6
PDAR	Pinedale Array	96.32	48	P	P	02 51 45.2 -0.6
PDAR	Pinedale Array	96.32	48	P	P	02 51 45.2 -0.6
PDAR	Pinedale Array	96.32	48	P	P	02 51 45.2 -0.6
YKA	Yellowknife Ar	96.37	28	P	P	02 51 43.6 -1.7
TROLL	Troll, Antarti	96.65	187	P	P	02 51 45.8 -0.9
RLMT	Red Lodge	96.85	45	I	Amb	02 51 51.5
RLMT	Red Lodge	96.85	45	P	P	02 51 48.8 +0.7
EGMT	Eagleton	96.91	43	P	P	02 51 48.3 +0.1
O20A	White River Ci	96.94	51	I	Amb	02 52 07.7
O20A	White River Ci	96.94	51	P	P	02 51 48.7 0.0
Y22A	Socorro	97.14	57	P	P	02 51 49.8 +0.1
KK31	Karatay Array	97.50	312	P	P	02 51 48.6 -2.3
KK31	Karatay Array	97.50	312	P	P	02 51 48.6 -2.3
KKAR	Karatay Array	97.50	312	P	P	02 51 48.8 -2.1
KKAR	Karatay Array	97.50	312	P	P	02 51 48.8 -2.1
SNAA	Sanae	97.50	185	P	P	02 51 47.7 -2.7
SNAA	Sanae	97.50	185	P	P	02 51 49.2 -1.2
SNAA	Sanae	97.50	185	P	P	02 51 47.7 -2.7
SNAA	Sanae	97.50	185	P	P	02 51 49.2 -1.2
SNAA	Sanae	97.50	185	P	P	02 51 49.9 -0.5
SNAA	Sanae	97.50	185	eP	P	02 51 53.2 +2.7
KBL	Kabul	97.57	304	P	P	02 51 52.9 +1.2
KBL	Kabul	97.57	304	P	P	02 51 52.9 +1.2
KBL	Kabul	97.57	304	P	P	02 51 52.9 +1.2
KBL	Kabul	97.57	304	P	P	02 51 52.9 +1.2
ANMO	Albuquerque	97.69	56	P	P	02 51

Table with columns: ARPS, Mount Arapiles, 31.17 211, P, P, 02 51 59.0 +0.4, etc. Lists various stations and their data points.

Table with columns: NGJI, Nwagi, 49.34 270, P, P, 02 54 43.5 +14, etc. Lists various stations and their data points.

Table with columns: DL2, comp=Z,2um,27.9s, LR, LR, 02 55 59.7 -0.4, etc. Lists various stations and their data points.

10d 3h

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes entries like MOTA Moosalm, SOTA Sankt Quirin, CIMA Cimolais, etc.

UPA 10 02:50:15.5,4.3,7.54N,80.84W, h0km,31km,MD3.8, MW3.6

ISC 10 02:50:15.4,1.4,7.50N,0.08:80.85W,0.05, h9km,15km, n12,0,99N/13,4D, Panama

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes entries like CACAO El Cacaco, CHIT3 Chitre, AZU Azuero, etc.

NEIC 10 02:51:54.8,1.6,33.77N,0.04:111.56W,0.04, h3km,2km, az=185.0, Eastern Arizona

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes entries like Y14A Wickenburg, X18A Snowflake, TUC Tucson, etc.

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Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes entries like SBM South Baldy, PKCU Pink Cliffs, YUH Yuh Desert, etc.

ISC 10 03:01:07.8,0.6,34.95S,74.24W, h0km, mb4, 1/9, mbmp4,212, ML4,5,3,MS3,5/3, Error ellipse:

s-maj=20.8km s-min=17.9km az=55.0 NEIC 10 03:01:09.8,2.4,34.95S,74.08W, h15km, Error ellipse:

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes entries like GO05 Huala, BO03 Pichilemu, BI05 Punta Hualpin, etc.

ISC 10 03:01:09.8,4.2,34.95S,0.03:74.16W,0.05, h15km,26km, n132,0,196N/149,mb4,719,5C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes entries like BO03 Pichilemu, BI05 Punta Hualpin, BO01 Tunca, etc.

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Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res. Includes entries like LMEL Las Melosas, B104 Isla Mocha, FArellones, etc.

Table with columns: STN, Name, Az, El, AzEl, P, Pmax, AzEl, Pmax, AzEl, Pmax. Includes stations like Sorong, Black Stump Fm, Kununurra, etc.

Table with columns: STN, Name, Az, El, AzEl, P, Pmax, AzEl, Pmax, AzEl, Pmax. Includes stations like GTA, Sonm, SONGINGO, etc.

Table with columns: STN, Name, Az, El, AzEl, P, Pmax, AzEl, Pmax, AzEl, Pmax. Includes stations like BOSA, AKASO, MALIN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CCM Cathedral Cave, SFIN Lafayette, FCAR Ozark Folk Cen, MIAR Mount Ida, A4DA Miami Univ. Ec, P49A Arta Tunnel, ACSO Alum Creek Sta, WCI Wyandotte Cave, WVT Waverly, ESDC, DBIC Dombokoro, SGCBS SGO Gabriel D, GAOV Goa Vista, TROLL Troll, Antarti, SNAAS Sanae, LPAZ La Paz, VNA3 Neumayer-Watz, VNA2 Neumayer Olymp, GOO1 Chumizma, VILB Vilhena, CLDB Colider, PTLB Pontes e Lacer, PTLB Pontes e Lacer, SADB Serra Nova Dou, SALV Santo Antonio, BDFB Brasilia.

JMA 10 04:48:48.0.0.1, 40.7.1N, 0.3:142.5E:0.7, h35km, 1km, MV3.8/32, NE OFF IWATE PREF
JMA Felt J1 at NE OFF IWATE PREF
IDC 10 04:48:50.2.9, 40.17N:142.51E, h72km, 26km, mb3.3/7, mbtmp3.7/10, Error ellipse: s-maj=31.6km s-min=20.3km az=92.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JTH Tanohata, JTH Tanohata, JKEN Kujedjanarisaw, JKEN Kujedjanarisaw, MIYJ Miyakonagasawa, MIYJ Miyakonagasawa, JANG Nango, JANG Nango, JANG Nango, JKJZ Kuzumaki, JKJZ Kuzumaki, JOM Ohasama, JOM Ohasama, JOJU Ofunato, JOJU Ofunato, JOFU Ofunato, JOFU Ofunato, JARK Aomoriokkasho, JARK Aomoriokkasho, JARK Aomoriokkasho, JTM Tenmabayashi, JTM Tenmabayashi, JTM Tenmabayashi.

ASAJ Asahikawa 4.02 2 P 18mm, 0.3s, baz=219, slow=14, SNR=4.5
MSJ Masushiro Arr 4.82 224 P 14mm, 0.7s, baz=33, slow=14, SNR=4.5
USRK Ussuriysk Ar. 8.73 301 P 3.3mm, 0.7s, baz=101, slow=6, SNR=3.5
SONM Songino Array 26.83 299 P 0.6mm, 0.4s, baz=95, slow=9.2, SNR=2.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1H1 WAKE ISLAND Hy, H1H3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs, FINES FINES Array B.

IDC 10 04:58:31.9, 1.3, 10.82S:161.69E, h0km, mb3.9/6, mbtmp4.08, ML3.6/1, MS3.5/1, Error ellipse: s-maj=32.7km s-min=24.9km az=11.0
ISC 10 04:58:36.1, 1.1, 10.9S:0.1:161.7E:0.1, h28km, n9, c=1809, g, mb3.6/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR Honiara, CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, JHJ Hachijo jima 2, SONM Songino Array, ILAR Eielson Array, NVAR Mina Array Bea, MKAR Makanchi Array, WEL 10 05:02:41.0, 0.3, 42.5S:12.9E:0.1, h5km, M3.5/12, ML3.8/13, MLv3.5/2, Error ellipse: s-maj=0.0km s-min=0.0km az=133.8, confirmed, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KHZ Kahutara, CMWZ Cape Campbell, TUWZ Tuamarina, THZ Tophouse, NNZ Nelson, TCW Tory Channel, WRLN Matariki Terra, WEL Wellington, GVZ Greta Valley S, DWUZ D'Urville Isla, PLWZ Palliser, DUWZ D'Urville Isla, CAW Cannon Point, LTZ Lake Taylor, QNZ Quartz Range, DSZ Denniston Nort, QNZ Quartz Range, TRWZ Mount Morrison, FMWZ Traveler, GWZ Otaki Gorge, HOWZ Holdsworth Sta, OKCZ Okains Bay, OXZ Oxford, TMWZ Te Maipa, INZ Inchoibnono, TSWZ Takarua Vall, MRZ Mangatoinoka R, AKCZ Akaroa Harbour, RACZ Rakiaia, MHCC Mount Hutt, PWZ Post Office Hill, POWZ Post Office Hill, BFZ Birch Farm, WACZ Wakuanui South, WAZ Wanganui, WVZ Waitha Valley, TSWZ Takarua Vall, LREZ Lake Rotokare, RPZ Rata Peaks, ARCC Arundel, KHEZ Kahui Hut, PNHZ Pukenui, WWPZ Waipukurau, PKE Puketiti, GCSZ Gaunt Creek Bo, VRZ Vera Road, MOVZ Moawhango, WNVZ Whangai Road, WHVZ Whangehu Hut, BHHZ Black Hill Sta, FWVZ Far West T-bar, TMZ Timaru, NZGZ Ngauruhoe, SWVZ South Ngauruho, OTVZ Otutere, NNVZ North Ngauruho, WTVZ West Tongariro, ETVZ East Tongariro, KRVZ Karewarewa, TMVZ Tairāne, NTVZ North Tongarir, FVZ Fox Glacier, LOZ Lake Benmore, HJZ Hawaii, ODZ Oshua Downs, JCCZ Jackson Bay, UTU Utuhia, AWAZ Awahitu Peninsu, MKAZ Mokumaki, PKGZ Pakihoro.

IDC 10 05:03:06.6, 7.6, 41.09S:174.55E, h0km, mb3.6/2, mbtmp3.6/2, Error ellipse: s-maj=520.3km s-min=65.7km az=4.0
WEL 10 05:03:11.8, 0.4, 42.5S:2.7E:0.1, h6km, 3km, M4.2/21, ML4.4/13, MLv4.2/21, Error ellipse: s-maj=0.0km s-min=0.0km az=116.6, confirmed

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BSWZ Blackbirch Sta, BSWZ Blackbirch Sta, CMWZ Cape Campbell, KHZ Kahutara, TUWZ Tuamarina, TCW Tory Channel, THZ Tophouse, NNZ Nelson, WEL Wellington, PLWZ Palliser, MRNZ Matariki Terra, MRNZ Matariki Terra, GVZ Greta Valley S, DWUZ D'Urville Isla, DWUZ D'Urville Isla, TKNZ Takaka Hill, PAWZ Paruwai Farm, LTZ Lake Taylor, QNZ Quartz Range, DSZ Denniston Nort, OHWZ Ohakea, WAZ Wanganui, LREZ Lake Rotokare, NMEZ Namu Road, KHEZ Kahui Hut, HNZ Haines Emont, NBEZ Newall Road No, MOVZ Moawhango, MHEZ Mahagehwa, VRZ Vera Road, PXZ Pawanui, WNVZ Whangai Road, TRVZ Turoa, BHHZ Black Hill Sta, DRVZ Dome Shelter, HWVZ Whangehu Hut, PWVZ Far West T-bar, TUVZ Tukino, NGVZ Ngauruhoe, SNVZ South Ngauruho, OTVZ Otutere, NNVZ North Ngauruho, TWVZ Taupouri, ETVZ East Tongariro, KRVZ Karewarewa, TRVZ Te Maari, NTVZ North Tongarir, KHVZ Kaweka Forest, MCHZ McNeill Hill, KATZ Karamere, RITZ Rihia Road, RATZ Rangitukia, BKZ Black Stump Fm, HAZ Hainaia, HIZ Hawaii, WATZ Wairara, ARHZ Aropoanui, NMHZ Naumai, MRHZ Mataitai, HNZ Haines Emont, TLZ Tolley Road, RAHZ Aarahi, PRRZ Plateau Road, TOVZ Tahuroa Road, URVZ Urewera, HWZ Hatawai, TGRZ Taungata, AWAZ Awahitu Peninsu, MKAZ Mokumaki, ETAZ East Tamaki Re.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HAZ Te Kaha, WIWZ Waiteko Island, KUZ Kuaotunu, ASAR Alice Springs, WRA Warramunga Arr, FINES FINES Array B.

IDC 10 05:07:04.2, 1.1, 1.00N:79.35W, h0km, mb3.6/6, mbtmp3.6/7, ML.1.9/1, MS3.5/1, Error ellipse: s-maj=39.9km s-min=23.6km az=65.0
ISC 10 05:07:06.6, 0.9, 0.9N:0.1:79.5W:0.1, h20km, n9, c=2939, mb3.7/5, Near coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ROSC El Rosal, ROSC El Rosal, LPAZ La Paz, MDP Montages de, PLCA Paso Flores, PDAR Pinedale Array, NVAR Mina Array Bea, YKA Yellowknife Arr, ESDC Sonseca Array, WRA Warramunga Arr.

IDC 10 05:12:47.6, 4.2, 10.66S:160.79E, h0km, mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=118.3km s-min=34.4km az=111.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HNR Honiara, WRA Warramunga Arr, STKA Stephens Creek, ASAR Alice Springs, SONM Songino Array, MKAR Makanchi Array.

IDC 10 05:16:35.4, 2.3, 50.56N:174.43W, h0km, mb3.5/6, mbtmp3.7/7, ML3.4/1, MS3.5/2, Error ellipse: s-maj=54.3km s-min=26.1km az=3.0
NEIC 10 05:16:43.9, 1.0, 51.1N:0.2:175.0W:0.1, h33km, 22km, mb3.6/19, ML3.1(AEIC), Error ellipse: s-maj=33.2km s-min=6.8km az=193.0

AEIC 10 05:16:45.3, 1.2, 51.3N:0.2:174.95W:0.09, h26km, 9km, Error ellipse: s-maj=2.1km s-min=7.9km az=185.0
ISC 10 05:16:43.4, 1.5, 51.0N:0.2:174.91W:0.06, h35km, n38, c=9593/37, mb3.5/7, Andreanof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GSTR Great Sitkin T, GSTR Great Sitkin T, ADK Adak, KIWB Kanaga Island, NIKH Nikaki High, UNV Unalakleet, KDZ Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, SVWZ Sparrevohn, N19K Bonanza Creek, L19K White Mountain, M19K Big River Loud, M19K Big River Loud, PET Petropavlovsk, PPLA Purkeypile, J30K Nowinta River, CAST Castle Rocks, KNK Knik Glacier, KTH Kantishna Hill, IMAR Indian Mountai, H21K Melozitna River, H21K Melozitna River, CDB Clear Creek Bu, MDM Murphy Dome, MDM Murphy Dome, H23K Yukon River, H23K Yukon River, GLB Gilahina Butt, GLB Gilahina Butt, ILAR Eielson Array, ILAR Eielson Array, H24K Noodor Dome, H24K Noodor Dome, H2LK Toolik Lake, H2LK Toolik Lake, BAWR Burt Mountain, DAWY Dawson, DAWY Dawson, I29M Ogilvie Camp, I29M Ogilvie Camp, INK Inuvik, INK Inuvik, TXSI Tiksi, TXSI Tiksi, KXRS Korea Array, PDAR Pinedale Array, NRIK Noril'sk, NRIK Noril'sk, GUMO Guam, TXAR Lajitas Array, TXAR Lajitas Array, MKAR Makanchi Array.

10d 5h

comp=Z,0.3nm,0.4s

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Honiara, Charters Tower, Warramunga Arr, Alice Springs, Songino Array, Makanchi Array.

IDC 10 05:17:22.3-2.1, 11.0S:0.1x161.3E:0.3, h35km, n6, r1107.0, mb3.64, Bougainville-Solomon Islands region

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

IDC 10 05:27:12.2-13.0, 10.48S:161.22E, h0km, mb3.3/3, mb1mp3.3/3, Error ellipse: s-maj=410.0km

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

IDC 10 05:28:27.8-1.0, 8.09S:112.04E, h0km, mb4.0/6, mb1mp4.0/7, ML4.0/1, Error ellipse: s-maj=54.1km

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

IDC 10 05:28:30.8-0.2, 8.53S:111.2E, h10km, M4.2/20, mb4.4/2, mb4.9/1, MLV4.1/20, Mw(mb)4.2/1

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

IDC 10 05:28:29.6-0.6, 8.49S:106.11178E:0.03, h10km, n43, r1923/47, mb4.1/10, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Pacerjo, Pacitan, Ngawi, Wanaagama, Yogyakarta, Gumukmas, Gresik, Banyuglugur, Semarang, Jajag, Asem Bagus, Bawean, Denpasar, Cimerak, Denpasar, Singaraja, Lembang, Mantan Dam, Tiliwang, Sumb, Plamp, Kununrura, Warramunga Arr, Alice Springs, Makanchi Array, Charters Tower, Stephens Creek, Stephens Creek, Diego Garcia H, Diego Garcia H, Makanchi Array, Makanchi Array, Zalesovo Beam, Petropavlovsk-Vanda, South Pole Qui.

PRU 10 05:38:53.4-0.0, 43.02N:13.59E, h10km

ROM 10 05:38:28.6-0.1, 42.801N:0.003:13.132E:0.004, h9km, Md1.5/9, Error ellipse: s-maj=0.3km s-min=0.1km az=95.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Norcia, Norcia, Norcia, Norcia, Norcia.

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Main table with columns: NRCA, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Castelsantange, Monte Cornacci, Preci, Frazion, Valle di Nera, Roccaforte, Cesi, Serrava, Gualdo di Mace, Rocca Santa Ma, Cesi, Frazion, Cessapalombo, Pellescritta, Gualdo di Mace, Campotosto, Morro Reatino, Arron, Pizzolo (AQ), Offida, Cesì, Esanatoglia, Gran Sasso, Avit-Casa Cast, Elcìto, Fiamignano, Cingoli, Fagnano, Muro Ubbino, Villa Celleria, Marolino, Monte Focce - G, Arcevia, S. Creste - Sor, Collepietra, Montegabbione, Frontone, AVT - Monte Val Pietralunga, Pleia, Cerreto, Monte Paganucc, Fossombrone, Villa Vallelon, Castiglione Fio, Peglio, Obba, Abfattersbach, Koelnbreinsperg, Sankt Quirin, Arzberg, Moosalm, Bad Ischl, Aus, Moosalm, Cesky Krumlov, Kasperske Hory, Roccaforte, Cesi, Serrava, Gualdo di Mace, Rocca Santa Ma, Cesi, Frazion, Cessapalombo, Pellescritta, Gualdo di Mace, Campotosto, Morro Reatino, Arron, Pizzolo (AQ), Offida, Cesì, Esanatoglia, Gran Sasso, Avit-Casa Cast, Elcìto, Fiamignano, Cingoli, Fagnano, Muro Ubbino, Villa Celleria, Marolino, Monte Focce - G, Arcevia, S. Creste - Sor, Collepietra, Montegabbione, Frontone, AVT - Monte Val Pietralunga, Pleia, Cerreto, Monte Paganucc, Fossombrone, Villa Vallelon, Castiglione Fio, Peglio, Obba, Abfattersbach, Koelnbreinsperg, Sankt Quirin, Arzberg, Moosalm, Bad Ischl, Aus, Moosalm, Cesky Krumlov, Kasperske Hory, Roccaforte, Cesi, Serrava, Gualdo di Mace, Rocca Santa Ma, Cesi, Frazion, Cessapalombo, Pellescritta, Gualdo di Mace, Campotosto, Morro Reatino, Arron, Pizzolo (AQ), Offida, Cesì, Esanatoglia, Gran Sasso, Avit-Casa Cast, Elcìto, Fiamignano, Cingoli, Fagnano, Muro Ubbino, Villa Celleria, Marolino, Monte Focce - G, Arcevia, S. Creste - Sor, Collepietra, Montegabbione, Frontone, AVT - Monte Val Pietralunga, Pleia, Cerreto, Monte Paganucc, Fossombrone, Villa Vallelon, Castiglione Fio, Peglio, Obba, Abfattersbach, Koelnbreinsperg, Sankt Quirin, Arzberg, Moosalm, Bad Ischl, Aus, Moosalm, Cesky Krumlov, Kasperske Hory.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like FDMO, Muccia, Frazion, Monte Fema, Bologna (MC), Serrava, Valle di Nera, Cessapalombo, Roccaforte, Cesi, Serrava, Gualdo di Mace, Rocca Santa Ma, Cesi, Frazion, Cessapalombo, Pellescritta, Gualdo di Mace, Campotosto, Morro Reatino, Arron, Pizzolo (AQ), Offida, Cesì, Esanatoglia, Gran Sasso, Avit-Casa Cast, Elcìto, Fiamignano, Cingoli, Fagnano, Muro Ubbino, Villa Celleria, Marolino, Monte Focce - G, Arcevia, S. Creste - Sor, Collepietra, Montegabbione, Frontone, AVT - Monte Val Pietralunga, Pleia, Cerreto, Monte Paganucc, Fossombrone, Villa Vallelon, Castiglione Fio, Peglio, Obba, Abfattersbach, Koelnbreinsperg, Sankt Quirin, Arzberg, Moosalm, Bad Ischl, Aus, Moosalm, Cesky Krumlov, Kasperske Hory, Roccaforte, Cesi, Serrava, Gualdo di Mace, Rocca Santa Ma, Cesi, Frazion, Cessapalombo, Pellescritta, Gualdo di Mace, Campotosto, Morro Reatino, Arron, Pizzolo (AQ), Offida, Cesì, Esanatoglia, Gran Sasso, Avit-Casa Cast, Elcìto, Fiamignano, Cingoli, Fagnano, Muro Ubbino, Villa Celleria, Marolino, Monte Focce - G, Arcevia, S. Creste - Sor, Collepietra, Montegabbione, Frontone, AVT - Monte Val Pietralunga, Pleia, Cerreto, Monte Paganucc, Fossombrone, Villa Vallelon, Castiglione Fio, Peglio, Obba, Abfattersbach, Koelnbreinsperg, Sankt Quirin, Arzberg, Moosalm, Bad Ischl, Aus, Moosalm, Cesky Krumlov, Kasperske Hory.

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

IDC 10 05:39:49.8-0.6, 12.22N, 143.84E, h0km, mb4, 1/14, mbtmp4, 1/14, Error ellipse: s-maj=27.0km s-min=14.7km

NEIC 10 05:39:52.1-1.3, 12.16N, 0.09-144.0E, 0.1, h10km, 5km, mb4/6/22, Error ellipse: s-maj=21.3km s-min=12.6km

ISC-EH 10 05:39:54.2, 12.19N, 143.98E, h26km, Error ellipse: s-maj=8.9km s-min=4.3km az=104.0

ISC 10 05:39:53.8-0.5, 12.18N, 0.07-144.0E, 0.1, h26km, n47, 0.93/42, mb4.5/24, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the South of Mariana Islands region.

Main table of station data for the 2016 DEC period, including codes, station names, and technical parameters.

SKHL 10 05:40:19.4-0.2, 44.30N, 147.60E, h131km, 3km, mb4.6/2, msh5.2/2

JMA 10 05:40:19.8-0.4, 44.44N, 147.7E, h157km, MV3.8/27, NEAR ETOROFU ISLAND

IDC 10 05:40:22.1-2.5, 45.13N, 146.92E, h160km, 30km, mb3.5/12, mbtmp3.9/13, Error ellipse: s-maj=60.7km

ISC 10 05:40:18.6-0.8, 44.55N, 0.10-147.27E, 0.09, h154km, 6km, n38, 0.81/41, mb3.7/12, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the Kuril Islands region.

IDC 10 06:07:15.9-3.7, 10.91S, 161.36E, h0km, mb3.6/3, mbtmp3.7/4, ML4.6/1, Error ellipse: s-maj=70.3km

s-min=33.5km az=81.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the Bougainville-Solomon Islands region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the Bougainville-Solomon Islands region.

IDC 10 05:46:42.3-1.4, 10.86S, 161.50E, h0km, mb4.1/6, mbtmp4.1/9, ML3.6/2, MS3.5/11, Error ellipse: s-maj=31.1km s-min=24.7km az=90.0

NEIC 10 05:46:48.0-2.6, 10.75S, 1.161.4E, 0.2, h27km, 8km, mb4.2/11, Error ellipse: s-maj=31.2km s-min=11.9km az=55.0

ISC 10 05:46:47.1-0.8, 10.85S, 0.09-161.5E, 0.1, h28km, n32, 0.1968/26, mb4.1/11, MS3.5/10, Bougainville-Solomon Islands region

Main table of station data for the 10d 6h period, including codes, station names, and technical parameters.

IDC 10 06:07:15.9-3.7, 10.91S, 161.36E, h0km, mb3.6/3, mbtmp3.7/4, ML4.6/1, Error ellipse: s-maj=70.3km

s-min=33.5km az=81.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations in the Bougainville-Solomon Islands region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VILL Villia, PTL Pentili, ATH Athens Observa, etc.

IDC 10 06:15:51.6:2.8, 10:99Sx161:17E, h0km, mb3.8/4, mbmp3.8/4, MS3.3/5, Error ellipse: s-maj=59.0km s-min=28.8km az=91.0

NEIC 10 06:15:52.7:2.3, 11:10S:0:07:161:36E:0:06, h10km, 1km, mb4.2/9, Error ellipse: s-maj=12.4km s-min=6.5km az=146.0

ISC 10 06:15:51.9:0.7, 11:11S:0:09:161:3E:0:1, h10km, n23, 1945/21, mb3.9/8, MS3.2/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, KOU Koumae, ONTC Ouen Toro, etc.

IDC 10 06:26:40.0:6.8, 10:24Sx161:04E, h0km, mb3.6/4, mbmp3.8/4, Error ellipse: s-maj=195.1km s-min=40.9km az=118.0, Bougainville-Solomon Islands region

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

IDC 10 06:33:17.1:1.1, 10:59Sx161:08E, h0km, mb4.2/8, mbmp4.2/8, MS3.7/30, Error ellipse: s-maj=27.1km s-min=20.6km az=115.0

NEIC 10 06:33:26.4:1.7, 10:27S:0:06:160:99E:0:09, h64km, 6km, mb4.5/21, Error ellipse: s-maj=12.4km s-min=8.7km az=87.0

ISC 10 06:33:26.3:0.6, 10:31S:0:07:160:94E:0:09, h62km, n60, 1929/37, mb4.4/18, Bougainville-Solomon Islands region

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

IDC 10 06:38:55.8:0.7, 45:10N:144:60E, h40km, 9km, mb4.4/2 JMA 10 06:38:55.1:0.4, 44:1N:3:14:7E, h124km, MV2.9/13, NEAR ETOROFU ISLAND

ISC 10 06:39:00.5:2.5, 44:81N:0:09:145:22E:0:08, h15km, 12km, n9, 1958/10, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YUK Yuzh-Kuril'sk, YUK Yuzh, YUK Yuzh, etc.

SKHL 10 06:38:55.8:0.7, 45:10N:144:60E, h40km, 9km, mb4.4/2 JMA 10 06:38:55.1:0.4, 44:1N:3:14:7E, h124km, MV2.9/13, NEAR ETOROFU ISLAND

ISC 10 06:39:00.5:2.5, 44:81N:0:09:145:22E:0:08, h15km, 12km, n9, 1958/10, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YUK Yuzh-Kuril'sk, YUK Yuzh, YUK Yuzh, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AKK Akkeshi, JAK JAK, JAK JAK, etc.

IDC 10 06:39:33.0:2.8, 8:91S:112:28E, h0km, mb3.3/3, mbmp3.3/3, Error ellipse: s-maj=147.1km s-min=28.9km az=47.0, Jawa

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

IDC 10 06:45:27.1:2.7, 10:44Sx161:22E, h62km, 19km, mb3.3/5, mbmp3.7/6, Error ellipse: s-maj=36.9km s-min=15.8km az=60.0

ISC 10 06:45:26.9:1.3, 10:45S:0:1:161:2E:0:2, h62km, n7, 1933/10, mb3.5/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR Honiara, DZM Mont Dzumae, etc.

IDC 10 06:50:35.1:5.2, 0, 16:88S:176:26W, h562km, 65km, mb2.9/3, mbmp3.9/4, Error ellipse: s-maj=845.5km s-min=131.8km az=78.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, STKA Stephens Creek, WRA Warramunga Arr, etc.

HVO 10 06:54:19.2:1.0, 19:47N:0:02:155:23W:0:04, h34km, 7km, ML2.6/21, ML2.6/48(NEIC), Error ellipse: s-maj=5.8km s-min=3.0km az=102.0

NEIC 10 06:54:17.6:1.1, 19:46N:0:02:155:26W:0:02, h40km, 2km, Error ellipse: s-maj=2.5km s-min=2.5km az=92.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RSD Rainshead, SBLHI Steaming Bluff, HATHI Halema'uma'u T, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Steam Cracks, North of Pu'u, and various Hawaiian stations.

Table with columns: CTA, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Charters Tower, Warramunga Arr, and various international stations.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Lake Benmore, Jackson Bay, and various international stations.

IDC 10 06:57:15.3:1.4, 101.675:161.30E, h0km, mb3.6/5, mbtm3.7/6, ML3.2/1, Error ellipse: s-maj=33.0km

ISC 10 06:57:20.5:1.1, 107.7S:01:161.3E:0.2, h35km, n7, 0553/8, mb3.6/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for Bougainville-Solomon Islands region.

IDC 10 06:59:55.1:3.5, 10.92S:161.76E, h0km, mb3.4/3, mbtm3.7/4, ML5.0/1, Error ellipse: s-maj=65.7km

ISC 10 07:06:02.2:2.5, 11.00S:161.26E, h44km, 43km, mb3.6/7, mbtm4.0/9, ML4.2/2, MS3.6/8, Error ellipse: s-maj=41.8km

NEIC 10 07:06:02.7:1.1, 10.9S:01:161.2E:0.1, h44km, 8km, mb4.4/18, Error ellipse: s-maj=23.3km s-min=12.4km

ISC 10 07:06:01.5:0.7, 10.93S:01:161.3E:0.1, h35km, n34, 01509/33, mb4.3/17, MS3.6/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for Bougainville-Solomon Islands region.

IDC 10 07:13:36.5:6.9, 11.31S:161.04E, h0km, mb3.4/3, mbtm3.4/3, Error ellipse: s-maj=196.4km

s-min=54.2km az=121.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for Bougainville-Solomon Islands region.

NOU 10 07:17:05.6:1.7, 17.61S:179.90W, h612km, mb4.3/20, Fiji Islands Region

NEIC 10 07:17:05.3:2.4, 17.7S:01:180.0E:0.1, h580km, 7km, mb4.4/64, Error ellipse: s-maj=16.7km s-min=14.3km

IDC 10 07:17:06.8:1.1, 17.71S:179.80E, h597km, 12km, mb3.5/20, mbtm4.5/21, Error ellipse: s-maj=16.2km

ISC-EH 10 07:17:06.1:1.1, 17.77S:179.95E, h596km, 2km, Error ellipse: s-maj=5.5km s-min=3.4km az=120.0

ISC 10 07:17:06.0:0.4, 17.70S:01:179.90E:0.07, h600km, n185, 0190/188, mb4.4/52, SC-3D, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for Bougainville-Solomon Islands region.

VNDA Vanda 60.52 184 P P 07 26 20.8 +1.3

SBA Scott Base 60.53 183 I Amb I Amb 07 26 21.0 +1.5

GIRL Giralia 61.41 253 P P 07 26 26.9 +0.7

CASY Casey 65.66 205 I Amb I Amb 07 26 53.1 +0.8

USKR Ussuriysk Arr 75.54 327 P P 07 27 52.0 +1.3

OHAK Old Harbor 77.92 15 P P 07 28 03.5 +0.2

KDAK Kodiak Island 78.59 15 P P 07 28 07.3 +0.4

CMB Columbia Colee 78.80 44 P P 07 28 09.5 +0.9

KLK Kul'dur 79.12 330 P P 07 28 11.9 +2.0

YBH Yreka Blue Hor 79.39 40 P P 07 28 13.0 +1.4

MDBP Devils Postpile 79.46 45 P P 07 28 10.8 -1.5

P18K Big Mountain, 79.46 13 P P 07 28 11.4 -0.1

O18K Koktuh Hills 79.82 12 I Amb I Amb 07 28 15.2 +1.2

O18K Koktuh Hills 79.82 12 I Amb I Amb 07 28 14.6

LCH Last Change Ra 80.22 46 P P 07 28 16.9 +0.8

O19K Port Alsworth 80.38 13 P P 07 28 16.2 0.0

NVAR Mina Array Bea 80.40 45 P P 07 28 18.2 +1.0

N19K Bonanza Creek 80.91 12 I Amb I Amb 07 28 18.8 -0.3

K05A Summer Lake 81.06 40 P P 07 28 21.4 +1.0

H04A Detroit Lake 81.40 38 P P 07 28 22.3 +0.4

M19K Big River Lodge 81.92 12 I Amb I Amb 07 28 24.0 -0.1

L19K White Mountain 82.09 12 P P 07 28 25.9 +0.9

PRN Pahroc Range 82.10 47 P P 07 28 27.1 +1.3

SUA Susitna One 82.30 14 P P 07 28 26.2 0.0

BELA Belairano 82.57 173 I Amb I Amb 07 28 27.2 -0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Mina Array Bay, Pinyon Flats, Makanchi Array, etc.

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

BUC 10 07:31:0.0, 3.45, 56N, 26.54E, h128km, 2km, m3.7/42, 60C-36D, Error ellipse: s-maj=2.1km s-min=1.7km az=162.0, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Bisoca, Nehouiu, Plostinia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Milestii Mici, Kishinev, Vladia, etc.

ICD 10 07:34:30.8, 19.0, 10.83S, 161.35E, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=57.61km s-min=53.1km az=123.0, Bougainville-Solomon Islands

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

ICD 10 07:35:18.9, 0.9, 10.99S, 160.99E, h0km, mb4.3/9, mbtmp4.3/10, MLC3.6/1, MS3.8/2, Error ellipse: s-maj=29.2km s-min=19.1km az=124.0, ISC-EH 10 07:35:21.2, 10.99S, 160.91E, h15km, Error ellipse: s-maj=8.4km s-min=6.0km az=119.0, NEIC 10 07:35:23.7, 1.7, 10.92S, 0.07E, 160.8E, 0.1, h28km, 4km, mb4.6/30, Error ellipse: s-maj=14.6km s-min=10.6km az=86.0

ISC 10 07:35:22.1, 0.5, 10.97S, 0.06E, 160.82E, 0.10, h18km, m6.0, 0.86E/58, mb4.7/29, MS4.0/4, Bougainville-Solomon Islands region

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MCK McKinley, ILAR Indian Mountain, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BMAR Burnt Mountain, DSP Deep Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, CPUP Cinnamon Bay, etc.

ICD 10 07:39:34.1, 1.1, 8.107S, 160.89E, h0km, mb3.8/6, mbtmp3.8/6, Error ellipse: s-maj=42.2km s-min=22.7km az=100.0, NEIC 10 07:39:35.9, 1.4, 10.88S, 0.06E, 160.9E, 0.1, h10km, 1km, mb4.5/18, Error ellipse: s-maj=19.4km s-min=9.2km az=73.0

ISC 10 07:39:36.6, 0.6, 10.89S, 0.07E, 160.89E, 0.09, h18km, n3.0, 0.89I/31, mb4.3/13, Bougainville-Solomon Islands region

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

10d 8h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Winter Ranch, Sooner Cattle, Leonard, Wichita Mound, etc.

2016 DEC

Table with columns: LRAL, Lakeview Retre, 9.47 107 P, Pn, 08 09 18.6 +0.4. Includes stations like Marine on St., Brawton, Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Prospect, Bacolet, Speyside, etc.

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

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

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

IDC 10 08:18:21.9,0.8,10.915S,161.132E,h0km,mb4.2/13, mbmtp4.2,16.ML4.3,MS3.7/15,Error ellipse: s-maj=20.8km s-min=17.2km az=85.0

NEIC 10 08:18:24.1,1.3,11.075S,0.09:161.5E,0.1,h10km,1km, mb4.7/32,Error ellipse: s-maj=20.4km s-min=11.5km az=59.0

NOU 10 08:18:24.3,10.955S,161.28E,h0km,mb4.5/10,Solomon Islands

ISC 10 08:18:26.3,0.5,11.005S,0.07:161.36E,0.08,h28km,n77,r122/64,mb4.5/27,MS3.6/14,Bougainville-Solomon Islands region

Code Station Name Az Phase ID Time Res ISC. Includes stations like Honiara, Noumea, etc.

Code Station Name Az Phase ID Time Res ISC. Includes stations like WRA, WRR, WRO, etc.

Code Station Name Az Phase ID Time Res ISC. Includes stations like WRA, WRR, WRO, etc.

Code Station Name Az Phase ID Time Res ISC. Includes stations like WRA, WRR, WRO, etc.

Code Station Name Az Phase ID Time Res ISC. Includes stations like WRA, WRR, WRO, etc.

Table with columns: TRF, M24K, H21K, WAX, ILAR, NVAR, MKAR, PLID, YKA, ANMO. Includes station names, coordinates, and status.

IDC 10 08:32:52.9.1.1, 10.635:161.40E, h0km, mb4.0/8, mbmp4.1/10, ML4.1/2, MS3.4/10, Error ellipse: s-maj=29.7km s-min=20.6km az=90.0

NEIC 10 08:32:56.8.1.4, 10.655:0.09:161.3E:0.1, h18km, 5km, mb4.6/22, Error ellipse: s-maj=18.4km s-min=9.1km az=53.0

ISC 10 08:32:58.0.6, 10.678S:0.07:161.37E:0.09, h35km, n58, c1519/49, mb4.3/17, MS3.4/7, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Honiara, Eielson Array, Warramunga Arr, etc.

comp=Z,0.4nm,0.5s,baz=90,slow=3.5,SNR=2.0 comp=Z,0.4nm,0.5s

GUC 10 08:49:04.4.0.4, 24.09S:67.37W, h231km±10km, ML4.0, 6C-1D, Chile-Argentina border region

Table for Chile-Argentina border region. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IPOC Station P, Mina Guanaco, IPOC Station P, etc.

WEL 10 08:56:01.1±0.3, 42°S±2'×17°4E±', h5km, M3.5/31, s-min=0.0km az=118.4, confirmed

NOU 10 08:56:01.0, 42°43'S:173.71E, h12km, MLV4.0/10, South Island, New Zealand

ISC 10 08:56:00.7.1.1, 42.32S:0.03:173.69E:0.04, h24km±8km, n78, c154/81, South Island

Main table for South Island. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kahutara, Blackbirch Sta, Cape Campbell, etc.

IDC 10 09:02:34.5.1.8, 10.735S:161.44E, h0km, mb3.6/5, mbmp3.6/5, MS3.2/1, Error ellipse: s-maj=37.1km s-min=31.5km az=110.0

ISC 10 09:02:39.4.1.4, 10.85S:0.2:161.74E:0.2, h35km, n13, c1567/7, mb3.5/5, Bougainville-Solomon Islands region

Table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Honiara, Warramunga Arr, ASAR, etc.

IDC 10 09:14:28.2.0, 10.91S:161.46E, h0km, mb3.9/7, mbmp4.0/8, ML5.3/1, MS3.2/1, Error ellipse: s-maj=50.0km s-min=26.5km az=126.0

NEIC 10 09:14:39.2.1.4, 10.95S:0.1:161.5E:0.1, h25km, 7km, mb4.3/9, Error ellipse: s-maj=23.0km s-min=12.4km az=57.0

ISC 10 09:14:31.7.0.8, 11.04S:0.09:161.3E:0.1, h28km, n23, c158/22, mb4.1/11, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Honiara, Warramunga Arr, ASAR, etc.

IDC 10 09:14:50.5.1.7, 10.84S:161.18E, h0km, mb4.0/8, mbmp4.0/9, ML4.0/1, MS2.9/1, Error ellipse: s-maj=44.6km s-min=23.7km az=115.0

ISC 10 09:14:53.8.1.3, 10.85S:0.1:161.0E:0.2, h18km, n11, c092/11, mb4.0/8, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Honiara, Warramunga Arr, ASAR, etc.

IDC 10 09:18:11.1, 10.21S:161.21E, h16km, n11, mbmp4.0/8, ML4.0/1, NEAR TOKARA ISLANDS

ISC 10 09:18:12.1.2, 10.29S:160.4:129.38E:0.06, h8km, 9km, n21, c112/25, mb3.7/3, Ryukyu Islands

Table for Ryukyu Islands. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Takarajima, Nakanoshima, etc.

comp=Z,2.9nm,0.6s
ESDC Sonseca Array 98.91 325 LR 10 22 35.7

IDC 10 09:22:09.6:1.9, 22:00N:142:91E, h242km, 18km, mb3.2/8,
mbtmp3.8/10, Error ellipse: s-maj=33.9km s-min=13.9km
az=81.0

ISC 10 09:22:10.1:1.0, 22:00N:143:0E:0.3, h250km, n11,
o=92/12, mb3.3/7, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CJJ Chichijima, MJAR Matsushiro Arr, KSRKS Korea Array, etc.

IDC 10 09:28:05.4:7.5, 58:62S:148:94E, h0km, mb3.5/2,
mbtmp3.5/3, ML3.0/1, MS3.4/2, Error ellipse:
s-maj=52.6km s-min=31.6km az=75.0, West of
Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VVDA Vanda, H01W1 Cape Leeuwin H, etc.

IDC 10 09:50:36.7:2.8, 58:72S:148:54E, h0km, mb3.8/2,
mbtmp3.8/3, ML3.1/1, MS3.8/20, Error ellipse:
s-maj=268.3km s-min=30.6km az=76.0, West of
Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VVDA Vanda, STKA Stephens Creek, etc.

IDC 10 10:05:34.7:0.9, 10:77S:161:44E, h0km, mb3.9/10,
mbtmp4.0/12, ML4.2/2, MS3.4/4, Error ellipse:
s-maj=25.4km s-min=19.9km az=86.0
NEIC 10 10:05:40.1:1.9, 10:8S:0:1:161:4E:0.1, h38km, 8km,

mb4.3/13, Error ellipse: s-maj=23.9km s-min=11.0km
az=56.0
NOU 10 10:05:40.0:1.0, 64S:161:66E, h38km, mb4.6/9, Solomon
Islands

ISC 10 10:05:39.7:0.7, 10:78S:0:08:161:52E:0.10, h35km, n44,
o=141/44, mb4.1/14, MS3.3/4, Bougainville-Solomon
Islands region

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

IDC 10 10:18:01.4:2.8, 5:70N:125:61E, h0km, mb3.1/3,
mbtmp3.1/3, Error ellipse: s-maj=233.8km s-min=30.6km
mb3.0/3, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DAV Davao City (W), KCP Kapadawan, etc.

NEIC 10 10:21:48.5:1.2, 10:51S:0:09:161:90E:0:07, h10km, 2km,
mb4.5/23, Error ellipse: s-maj=18.1km s-min=6.6km
az=36.0

IDC 10 10:21:50.7:0.8, 10:79S:161:39E, h0km, mb4.2/14,
mbtmp4.2/15, ML4.3/1, MS3.6/12, Error ellipse:
s-maj=23.0km s-min=16.3km az=100.0

NOU 10 10:22:22.1, 12:01S:160:03E, h116km, mb4.5/8, Solomon
Islands

ISC 10 10:21:53.9:0.6, 10:78S:0:07:161:51E:0:09, h28km, n65,
o=153/52, mb4.3/22, MS3.6/9, Bougainville-Solomon
Islands region

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

EIDS comp=Z,2.4nm,1.2s IAmB IAmB 10 25 59.8

PATS Pohnphei 17.78 350 P IAmB Pn 10 25 54.3 -5.3

COEN Coen 18.18 258 P P 10 26 05.5 +0.9

COEN Coen 18.18 258 P P 10 26 07.4 +2.8

RMQ Roma 19.72 216 P Pn 10 26 23.2 +0.1

ARMA Armidale 21.60 204 P IAmB IAmB 10 26 42.0 +0.2

QIS Mount Isa 23.19 243 P P 10 26 58.9 +0.2

INKA Innaminka 25.79 226 P P 10 27 23.9 +1.2

AFI Afiamalu 26.28 100 P P 10 27 33.7 +0.5

WR0 Warrungunga Arr 27.52 247 P IAmB IAmB 10 27 39.4 +1.0

WB0 Warrungunga Arr 27.60 248 P IAmB IAmB 10 27 39.1 -0.1

WRAB Tennant Creek 27.69 248 P IAmB IAmB 10 27 40.7 +0.8

WB2 Warrungunga Arr 27.69 248 P IAmB IAmB 10 27 40.5 +0.6

WR0 Warrungunga Arr 27.70 248 P IAmB IAmB 10 27 39.8 -0.3

STKA Stephens Creek 27.92 218 P P 10 27 41.9 0.0

STKA Stephens Creek 27.92 218 P P 10 27 43.0 0.0

ASAR Alice Springs 29.24 240 P P 10 27 53.5 -0.2

ASAR Alice Springs 29.24 240 P P 10 27 52.5 -1.3

ASAR Alice Springs 29.24 240 P P 10 27 53.5 -0.2

ASAR Alice Springs 29.24 240 P P 10 27 53.5 -0.2

ASAR Alice Springs 29.24 240 P P 10 27 53.5 -0.2

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ASAR Alice Springs 29.24 240 P P 10 27 53.5 -0.2

ASAR Alice Springs 29.24 240 P P 10 27 53.5 -0.2

ASAR Alice Springs 29.24 240 P P 10 27 53.5 -0.2

10d 11h

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

IDC 10 11:01:41.0e1.1, 10:54Sx161.28E, h0km, mb3.9/6, mbmp3.9/6, ML3.7/2, MS3.5/12, Error ellipse: s-maj=24.8km s-min=23.8km az=96.0

NEIC 10 11:01:48.6f.1.4, 10:47Sx07.07E, h0km, mb4.1/9, Error ellipse: s-maj=23.2km s-min=9.9km az=100.0

ISC 10 11:01:46.70.7, 10:50Sx008.1613E, h35km, n44, r1512/35, mb4.2/1.0, Bougainville-Solomon Islands region

Main table for 10d 11h section, listing station codes (HNR, HNR, KOUNC, etc.), station names, and various parameters like Az, Az2, Phase ID, Time, Res.

2016 DEC

Table with columns: TRWZ, MTW, QRZ, etc. Includes station codes and names like Traveller, Mount Morrison, Quartz Range, etc.

NEIC 10 11:07:24.1e1.3, 10:7Sx04.1622E, h1km, 33km, mb4.3/14, Error ellipse: s-maj=96.2km s-min=12.0km az=53.0

IDC 10 11:07:29.8f.1.2, 10:83Sx161.37E, h0km, mb4.1/7, mbmp4.1/9, ML3.5/2, MS3.8/3, Error ellipse: s-maj=28.0km s-min=21.6km az=89.0

ISC 10 11:07:31.4e1.1, 10:84Sx009.1614E, h10km, n41, r1512/33, mb4.3/1.1, Bougainville-Solomon Islands region

Main table for 2016 DEC section, listing station codes (HNR, HNR, KOUNC, etc.), station names, and various parameters like Az, Az2, Phase ID, Time, Res.

750

Table with columns: AFI, STKA, WRA, ASAR, ILAR. Includes station codes and names like Warramunga Arr, Alice Springs, etc.

IDC 10 11:44:51.9e2.9, 2:33N:96:10E, h0km, mb3.8/5, mbmp3.8/6, ML4.3/1, MS3.0/2, Error ellipse: s-maj=14.3km s-min=20.8km az=60.0

DJA 10 11:44:54.70.9, 2:1N:3x9:6E, h12km, 3km, M4.0/10, mb4.2/2, MLV4.0/10

NEIC 10 11:44:57.5.0.5, 2:42N:0:06:96:3E:0:2, h31km, 9km, mb4.1/9, Error ellipse: s-maj=23.2km s-min=7.4km az=76.0

ISC 10 11:44:55.2.1.5, 2:31N:10:06:96:17E:0:10, h23km, 8km, n42, r0:76/38, mb4.1/1.0, Northern Sumatara

Main table for 750 section, listing station codes (SNSI, SNSI, GSI, etc.), station names, and various parameters like Az, Az2, Phase ID, Time, Res.

IDC 10 11:52:48.5e3.8, 11:08Sx160.90E, h0km, mb3.6/3, mbmp3.6/3, Error ellipse: s-maj=75.4km s-min=27.4km az=94.0, Bougainville-Solomon Islands region

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

FUNU 10 11:55:58.2, 8:51N:71:46W, h3km, MW3.0, ISC 10 11:55:58.0e1.6, 8.54N:0:04:71.45W:0:04, h7km, 12km, n16, r1:27/29, ID, Venezuela

Main table for FUNU section, listing station codes (SOVC, SOCV, CAPV, etc.), station names, and various parameters like Az, Az2, Phase ID, Time, Res.

Table with columns for station name, coordinates, elevation, and other data. Includes stations like MAJO Matsushiro, MJB9 Matsu-Tunnel, JNU Nakatsue, etc.

Table with columns for station name, coordinates, elevation, and other data. Includes stations like ZEA Zeya, MA2 Magadan, TNCH TengChong, etc.

Table with columns for station name, coordinates, elevation, and other data. Includes stations like RC01 Rabbit Creek A, K20K Telida, GCSA Galena City Sc, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ILAR, L26K, F22K, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DLBC, E27K, C26K, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ANMO, MNTX, VNA3, etc.

755	COLA	College	84.62	19	P	P	13 01 23.7	-0.1
K24K	Donnelly Dome	baz=231,SNR=7.2	84.64	21	P	P	13 01 24.2	+0.2
H23K	Yukon River	84.72	18	P	I	Amb	13 01 23.8	-0.6
H23K	Yukon River	comp=Z,6.7nm,0.9s	84.72	18	P	P	13 01 25.3	+0.9
M26K	Nabesna, AK	baz=234	84.79	23	P	P	13 01 25.5	+0.7
ILAR	Eielson Array	84.87	20	P	P	13 01 24.1	-1.0	
ILAR	Eielson Array	comp=Z,2.5nm,1.1s,baz=249,slow=3.9,SNR=12	84.87	20	P	P	13 01 24.5	-0.6
G22K	Bettles	84.90	17	P	P	13 01 25.9	+0.7	
O28M	Mount Upton	baz=226	84.97	25	P	P	13 01 26.6	+0.6
L26K	Log Cabin Wild	baz=234,SNR=8.6	85.03	22	P	P	13 01 26.5	+0.5
F22K	John River	85.12	16	P	P	13 01 27.2	+0.9	
G23K	Bananza Creek	85.18	17	P	P	13 01 28.0	+1.3	
M27K	Edge Creek, AK	85.19	23	P	P	13 01 26.7	-0.2	
M27K	Edge Creek, AK	85.19	23	P	P	13 01 27.4	+0.5	
J25K	Salcha River	85.28	20	P	I	Amb	13 01 27.2	0.0
J25K	Salcha River	comp=Z,8.9nm,0.8s	85.28	20	P	P	13 01 27.9	+0.6
J25K	Salcha River	baz=232	85.28	20	P	P	13 01 27.9	+0.6
SCRK	Sand Creek	85.37	21	P	I	Amb	13 01 27.0	-0.8
SCRK	Sand Creek	comp=Z,7.1nm,1.0s	85.37	21	P	P	13 01 28.2	+0.4
P29M	Windy Craggy	85.40	26	P	P	13 01 28.8	+0.8	
YUK3	Moose Creek	85.41	24	P	P	13 01 28.7	+0.6	
YUK8	Steele Glacier	85.42	24	P	P	13 01 29.1	+0.8	
COLD	Coldfoot	85.48	17	P	P	13 01 29.4	+1.3	
BVCV	Beaver Creek	85.61	23	P	P	13 01 29.2	+0.3	
L27K	Beaver Creek	85.61	22	P	I	Amb	13 01 29.2	+0.3
L27K	Beaver Creek	comp=Z,14nm,1.1s	85.61	22	P	P	13 01 29.9	+1.0
L27K	Beaver Creek	baz=235,SNR=11	85.61	22	P	P	13 01 29.8	+0.8
BCAR	Beaver Creek A	85.63	22	P	P	13 01 29.7	+0.6	
E22K	Anaktuvuk Pass	85.67	16	P	P	13 01 29.7	+0.6	
J26L	Joseph Creek	85.83	21	P	I	Amb	13 01 29.9	-0.1
J26L	Joseph Creek	comp=Z,16nm,1.6s	85.83	21	P	P	13 01 32.1	+1.4
YUK4	Talbot Arm	85.91	25	P	P	13 01 31.2	+0.8	
PLBC	Pleasant Camp	85.93	27	P	P	13 01 31.0	+0.6	
G24K	Hadzencic Riv	85.93	18	P	P	13 01 31.3	+0.5	
P30M	Million Dollar	85.99	26	P	P	13 01 32.5	+1.0	
HYT	Haines Junctio	86.11	25	P	P	13 01 33.2	+1.3	
E23K	Chandler	86.21	16	P	P	13 01 33.2	+1.3	
V35K	Ketchikan	86.28	32	P	P	13 01 33.7	+1.5	
F24K	Squaw Lake	86.34	17	P	P	13 01 33.2	+0.8	
WMQ	Urumqi	86.38	316	eP	P	13 01 33.5	+0.3	
G25K	Bearman Lake	86.39	18	P	P	13 01 33.2	+0.6	
E24K	Your Creek	86.54	17	P	P	13 01 34.7	+1.3	
D23K	Nanushuk River	86.55	15	P	P	13 01 34.9	+1.5	
M29M	Somme Creek	86.57	24	P	P	13 01 35.1	+1.3	
N30M	Aishikik Lake	86.61	25	P	P	13 01 34.8	+0.9	
TOLK	Toolik Lake Re	86.62	16	P	P	13 01 34.9	+1.1	
O30N	Mendenhall	86.68	26	P	P	13 01 35.1	+0.8	
EGAK	Eagle	86.84	21	P	P	13 01 35.0	+0.2	
EGAK	Eagle	86.84	21	P	P	13 01 35.0	+0.8	
A21K	Barrow	86.86	12	P	P	13 01 35.3	+0.5	
PKM	McPherson Peak	87.00	54	P	P	13 01 35.9	-0.7	
L29M	L29M	87.05	23	P	P	13 01 37.0	+1.0	
F25K	Christian River	87.05	18	P	P	13 01 36.8	+0.8	
DAWY	Dawson	87.08	22	P	I	Amb	13 01 36.1	0.0
DAWY	Dawson	comp=Z,14nm,1.1s	87.08	22	P	P	13 01 37.0	+0.9
I27K	Kandik River	87.15	20	P	P	13 01 37.4	+1.0	
P32M	Atlin	87.16	27	P	P	13 01 37.0	+0.4	
C23K	Ikikilik River	87.16	15	P	P	13 01 37.0	+0.6	
N31M	Braeburn, Yuko	87.17	25	P	P	13 01 37.1	+0.5	
G26K	Porcupine Rive	87.23	19	P	P	13 01 37.2	+0.5	
BMAR	Burnt Mountain	87.27	18	P	P	13 01 38.5	+1.5	
M30M	Minto, Yukon	87.30	24	P	I	Amb	13 01 37.7	+0.5
M30M	Minto, Yukon	comp=Z,5.0nm,0.8s	87.30	24	P	P	13 01 37.7	+0.5
E25K	Arctic Village	87.41	17	P	P	13 01 38.4	+0.7	
H27K	Steamboat Moun	87.54	20	P	P	13 01 38.9	+0.6	
Q32M	Nakina River	87.54	28	P	P	13 01 38.8	+0.2	
F26K	Sheenjek River	87.57	18	P	P	13 01 39.2	+0.8	
C24K	Franklin Bluff	87.58	15	P	P	13 01 39.4	+1.1	
K29M	Barlow Dome	87.66	23	P	P	13 01 39.4	+0.4	
G27K	Doyon Strip	87.83	19	P	P	13 01 40.0	+0.3	
D25K	Kavik River	87.94	16	P	P	13 01 41.0	+0.8	
MAYO	Mayo, Yukon	88.17	23	P	P	13 01 41.7	+0.4	
I29M	Oglivie Camp,	88.17	21	P	P	13 01 41.8	+0.5	
EDW2	Edwards Air Fo	88.44	54	P	P	13 01 43.0	-0.3	
FARO	Faro, Yukon	88.54	25	P	P	13 01 43.8	+0.6	
BFSC	Mount Baldy Ra	88.55	55	P	P	13 01 43.7	-0.2	
E27K	Coleen River	88.64	18	P	P	13 01 44.5	+1.0	
C26K	Camden Bay	88.71	16	P	P	13 01 45.2	+1.5	
MURC	Murrieta	88.77	56	P	P	13 01 44.6	-0.2	
CWC	Cottonwood Cre	88.77	53	P	P	13 01 44.7	-0.3	
C27K	Jago River	88.86	17	P	P	13 01 45.1	+0.6	
NVAR	Mina Array Bea	89.10	51	P	P	13 01 46.6	0.0	
MPMC	Manual Prospec	89.24	53	P	P	13 01 46.5	-0.3	
MONP2	Monument Peak	89.23	56	P	P	13 01 47.7	+0.4	
EPYK	Eagle Plains	89.25	21	P	P	13 01 47.2	+0.8	
PFO	Plinyon Flats O	89.37	56	P	P	13 01 47.7	-0.1	

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IKP	In-Ko-Pah, Jac	89.43	57	P	P	13 01 48.2	+0.1	
GRAC	Grapevine Rang	89.46	52	P	P	13 01 48.4	+0.3	
MMPY	Sheldon Lake,	89.58	25	P	P	13 01 48.7	+0.7	
WTLY	Watson Lake, Y	89.63	28	P	P	13 01 48.6	+0.3	
FURC	Furnace Creek,	89.73	53	P	P	13 01 49.1	-0.1	
G30M	Atoh Zrui Jii	89.73	20	P	P	13 01 49.3	+0.7	
SWSC	Sam W. Stewart	89.75	56	P	P	13 01 49.2	-0.2	
HEC	Hector, Ludlow	89.75	55	P	P	13 01 49.5	-0.1	
BELC	Belle Mtn. Jos	89.83	55	P	P	13 01 49.8	-0.2	
SHOC	Shoshone, Teco	90.05	54	P	P	13 01 51.6	+0.7	
BC3	Big Chukowall	90.19	56	P	P	13 01 52.2	+0.5	
GMRC	Granite Mounta	90.28	55	P	P	13 01 52.1	0.0	
TPNV	Topopah Spring	90.32	53	P	P	13 01 52.2	0.0	
IRM	Iron Mountain	90.56	55	P	P	13 01 53.4	+0.2	
GLA	Glamis	90.57	57	P	P	13 01 53.4	0.0	
LIRD	Liard River Hi	90.63	29	P	P	13 01 54.0	+1.1	
BELA	Belgrano 2	90.68	177	P	I	Amb	13 01 52.4	-0.6
BELA	Belgrano 2	comp=Z,6.8nm,1.0s	90.68	177	P	I	Amb	13 01 54.2
F31M	Tsighetichic	90.80	20	P	P	13 01 54.6	+1.1	
MKAR	Makanchi Array	90.89	318	P	P	13 01 53.4	-1.1	
MKAR	Makanchi Array	comp=Z,0.5nm,0.5s,baz=87,slow=4.6,SNR=6.1	90.89	318	P	P	13 44 28.2	
R11A	Troy Canyon, C	91.16	51	P	I	Amb	13 01 55.5	-0.6
R11A	Troy Canyon, C	comp=Z,3.9nm,1.1s	91.16	51	P	I	Amb	13 01 57.7
R11A	Troy Canyon, C	91.16	51	P	P	13 01 55.3	-0.8	
INK	Inuvik	91.27	20	P	P	13 01 56.0	+0.3	
PRN	Pahroc Rang	91.36	52	P	P	13 01 58.3	+1.3	
PDMLC	Parker Dam,Lak	91.40	55	P	P	13 01 57.0	-0.1	
ELK	Elko	91.96	49	P	I	Amb	13 01 59.2	-0.7
ELK	Elko	comp=Z,3.3nm,0.9s	91.96	49	P	I	Amb	13 02 08.2
HLID	Hailey	93.17	46	P	P	13 02 05.1	-0.2	
TUC	Tucson	93.76	58	P	P	13 02 08.3	+0.1	
WUAZ	Wupatki	93.87	55	P	P	13 02 08.5	-0.3	
C36M	Paulatuk	94.84	20	P	P	13 02 12.5	+0.4	
A36M	Sachs Harbour	95.33	17	P	P	13 02 14.9	+0.5	
YKA	Yellowknife Ar	96.86	28	P	P	13 02 20.8	-0.6	
TXAR	Lajitas Array	99.34	62	P	Pd	13 02 35.5	+1.9	
BOSA	Boshof	122.30	226	PKP	PKPdf	13 07 46.9	+0.3	
LPZ	La Paz	123.66	118	PKP	PKPdf	13 07 50.8	+0.7	
CPUP	Chumyush	148.83	338	PKP	PKPdf	13 07 55.4	+0.2	
CLL	Collin	132.51	334	ePKP(d)	PKPKP	13 08 11.0	+4.7	
KEST	Kesra	144.98	319	PKP	PKPab	13 08 27.5	-0.3	
ESDC	Sonca Array	148.83	338	PKPbc	PKPbc	13 08 38.8	0.0	
<p>NNC 10 12:52:37.1z7.8,36.9Nk70.17E,h0km,mb3.8,mpv3.5, Error ellipse: s-maj=74.0km s-min=59.1km az=133.0</p> <p>ISC 10 12:52:37.0z3.8,36.6N,0.7z20.0E,0.2,h35km,n8, r19.6/10,3C,Hindu Kush region</p>								
Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s	ISC	Time Res	h m s
AML	Almayushu	6.20	26	P	Pn	12 54 07.7	+1.3	
KK31	Karatay Array	6.48	3	P	Pn	12 54 10.8	+0.9	
KK31	Karatay Array	0.8nm,0.2s,baz=161,slow=13,SNR=38				12 55 23.4	+0.8	
UCH	Uchtor	6.60	31	P	Pn	12 54 12.7	+0.8	
EKS2	Erkin-Say	6.70	25	P	Pn	12 54 14.1	+1.1	
AAK	Ala-Archa	6.94	29	P	Pn	12 54 17.2	+0.9	
CHMS	Chumyush	7.34	28	↑P	Pn	12 54 22.0	+0.2	
CHMS	Chumyush	3.1nm,0.5s				12 55 42.3	-1.6	
USP	Ospenwka	7.48	26	P	Pn	12 54 24.0	+0.3	
AB31	Ankhal array	14.59	333	P	Pn	12 55 59.8	-1.0	
AB31	Ankhal array	0.4nm,0.5s,baz=154,slow=12,SNR=19						
<p>DDA 10 13:00:56.0z0.0,37.90Nz27.13E,h7km,2km,ML1.4, Turkey</p>								
Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s	ISC	Time Res	h m s
GCAM	G?zelcaml?	0.21	158	P	P	13 01 04.0	+1.0	

10d 13h

Table with columns: STATION, NAME, AZ, PHASE, TIME, RES. Includes stations like HATZ Hinemaiaia, KWHZ Kaweka Forest, etc.

2016 DEC

Main table of station data for December 2016. Columns include STATION, NAME, AZ, PHASE, TIME, RES. Lists various stations like STKA Stephens Creek, ARPS Mount Arapiles, etc.

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Table of station data for December 2016, continuing from the previous table. Includes stations like LHV Little Hulton, NVAR Mira Array Bea, etc.

IDC 10:13:15:23.5.1.9, 17.32Sx175.27W, h252km, 18km, mb4.1/17, mbtmp4.7/20, Error ellipse: s-maj=16.3km

ISC-EH 10:13:15:23.1, 17.21Sx175.22W, h250km, 4km, Error ellipse: s-maj=9.9km s-min=4.4km aza=131.0

NEIC 10:13:15:23.9.1.5, 17.26Sx175.20W, 0.08, h209km, 7km, mb4.7/19, Error ellipse: s-maj=13.5km s-min=8.7km aza=217.0

ISC 10:13:15:23.0.0.3, 17.22Sx175.23W, 0.06, h256km, n214, r1915/208, mb4.8/73, 2C-19.2, Tonga Islands

Table with columns: Code, Station Name, AZ, PHASE, Time, Res. Lists stations like AFI Afiamalu, AFU Afiamalu, NIUE Niue, etc.

IDC 10:13:15:26.1.2.2, 22.72Nx144.67E, h0km, mb3.7/7, mbtmp3.7/9, ML3.3/2, MS4.5/1, Error ellipse: s-maj=70.6km s-min=37.3km aza=19.0

ISC 10:13:15:33.7.1.6, 23.22Nx144.7E, 0.03, h35km, n111, r108/10, mb3.7/7, Volcano Islands region

Table with columns: Code, Station Name, AZ, PHASE, Time, Res. Lists stations like JCJ Chichijima, JCSJ Chichijima, etc.

10d 13h

O20K	Slope Mountain	79.44	21	P	P	13 34 31.5 +1.0
M19K	Big River Lodg	80.13	19	P	P	13 34 35.0 +0.9
L19K	White Mountain	80.18	19	P	IAMB	13 34 35.3 +0.8
L19K	White Mountain	80.18	19	P	P	13 34 35.9 +1.4
N20K	Mount Spurr	80.36	21	P	P	13 34 36.5 +1.0
TTA	Tatalina	80.37	18	P	P	13 34 36.5 +1.0
M20K	Styx River	80.53	20	P	P	13 34 37.2 +0.8
L20K	Forewell, AK	80.71	19	P	P	13 34 38.4 +1.1
SUA	Susitna One	81.06	21	P	P	13 34 40.4 +1.1
MOY	Mondy	81.09	327	eP	pmax	13 34 39.5 -0.2
K20K	Telida	81.28	19	P	P	13 34 41.5 +1.2
GCSA	Galena City Sc	81.47	17	P	P	13 34 42.9 +1.7
M22K	Willow	81.48	21	P	P	13 34 42.2 +0.9
PWLK	Port Wells	81.53	22	P	P	13 34 42.7 +1.0
PMR	Palmer	81.72	21	P	P	13 34 43.8 +1.2
J20K	Nowinta River	81.85	18	P	P	13 34 44.5 +1.3
CAST	Castle Rocks	81.96	19	P	IAMB	13 34 42.0 -1.9
CAST	Castle Rocks	81.96	19	P	P	13 34 44.4 +0.5
SML	Sawmill	82.15	22	P	P	13 34 45.7 +0.8
SHUM	Lake Minchumin	82.21	19	P	P	13 34 46.3 +1.2
EYAK	Cordova Ski Ar	82.32	23	P	P	13 34 46.6 +0.9
PALK	Pallekele	82.52	279	LR	LR	14 13 33.1
SCM	Sheep Creek Mo	82.53	22	P	P	13 34 47.8 +0.8
TRF	Thorofare Moun	82.57	20	P	P	13 34 48.5 +1.2
WAT1	Susitna Watana	82.74	21	P	P	13 34 49.0 +1.0
KLU	Klutina	82.84	23	P	P	13 34 49.7 +1.1
WAT6	Susitna Watana	82.86	21	P	P	13 34 50.4 +1.6
M24K	Tolsona, Glenn	83.13	22	P	P	13 34 51.4 +1.4
MCK	McKinley	83.21	20	P	P	13 34 51.4 +1.0
I21K	Tanana	83.22	18	P	P	13 34 51.4 +1.0
DHY	Denali Highway	83.31	21	P	P	13 34 51.9 +0.8
H21K	Melozitna Rive	83.31	17	P	P	13 34 52.0 +1.1
N25K	Chitna, Valde	83.41	23	P	P	13 34 52.4 +0.8
MAW	Mawson	83.46	202	P	P	13 34 52.3 +0.7
MAW		83.46	202	P	P	14 06 24.8
MLY	Manley	83.50	18	P	P	13 34 52.6 +0.7
G21K	Allakaket	83.73	17	P	P	13 34 53.9 +0.9
NEA2	Nenana	83.73	19	P	P	13 34 53.5 +0.5
MCAR	McCarthy VSAT	83.89	23	P	P	13 34 54.8 +0.9
H22K	Ishlatina Cre	83.90	18	P	P	13 34 54.8 +0.9
F21K	Alatina River	84.24	16	P	P	13 34 56.3 +0.7
PINM	Pinnacle	84.28	25	P	P	13 34 57.1 +1.1
TCOL	CIGO, UAF Yank	84.31	19	P	P	13 34 56.9 +1.0
HDA	Harding Lake	84.31	19	P	P	13 34 56.8 +0.8
COLA	College	84.31	19	P	P	13 34 57.4 +1.5
COLA	College	84.31	19	P	P	13 34 56.0 +0.1
K24K	Donnelly Dome	84.33	21	P	P	13 34 57.1 +1.0
H23K	Yukon River	84.41	18	P	P	13 34 57.3 +0.8
M26K	Nabesna, AK	84.49	23	P	P	13 34 57.8 +0.7
ILAR	Eielson Array	84.56	20	P	P	13 34 58.3 +1.1
G22K	Bettles	84.58	17	P	P	13 34 58.4 +1.2
O28M	Mount Upton	84.68	25	P	P	13 34 59.3 +1.0
L26K	Log Cabin Wild	84.73	22	P	P	13 34 59.2 +1.0
F22K	John River	84.80	16	P	P	13 34 59.7 +1.2
G23K	Banza Creek	84.86	17	P	P	13 35 00.6 +1.8
M27K	Edge Creek, AK	84.89	23	P	P	13 35 00.2 +1.1
J25K	Salcha River,	84.97	20	P	P	13 35 01.5 +2.1
SCRK	Sand Creek	85.06	21	P	P	13 35 01.3 +1.4
TIXI	Tiksi	85.08	350	P	P	13 34 59.3 -0.4
YUK3	Moose Creek	85.12	24	P	P	13 35 01.6 +1.2
YUK8	Steele Glacier	85.13	24	P	P	13 35 01.6 +1.1
COLD	Coldfoot	85.16	17	P	P	13 35 01.9 +1.7
L27K	Beaver Creek,	85.31	22	P	P	13 35 03.1 +2.0
BVCY	Beaver Creek	85.32	23	P	P	13 35 02.7 +1.5
BCAR	Beaver Creek A	85.33	22	P	P	13 35 00.5 -0.7
E22K	Anaktuvuk Pass	85.34	16	P	P	13 35 02.8 +1.7
J26L	Joseph Creek	85.53	21	P	P	13 35 04.2 +2.0
G24K	Hadweenzic Riv	85.62	18	P	P	13 35 04.4 +1.9
YUK4	Talbot Arm	85.62	25	P	P	13 35 04.3 +1.5
P30M	Million Dollar	85.70	26	P	P	13 35 04.4 +1.3
HYT	Haines Junctio	85.83	25	P	P	13 35 05.0 +1.2
E23K	Chandalar	85.89	16	P	P	13 35 06.5 +2.5
V35K	Ketchikan	86.01	32	P	P	13 35 05.8 +1.2
F24K	Squaw Lake	86.03	17	P	P	13 35 06.0 +1.5
WMQ	Urumqi	86.06	316	eP	LR	13 35 06.9 +1.6
WMQ					LR	
WMQ					LR	
G25K	Bearman Lake	86.08	18	P	P	13 35 07.0 +2.2
D23K	Nanushuk River	86.22	16	P	P	13 35 07.3 +1.8

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M29M	Somme Creek	86.27	24	P	P	13 35 07.0 +1.0
TOLK	Toolik Lake Re	86.30	16	P	P	13 35 07.1 +1.2
O30N	Mendenhall	86.40	26	P	P	13 35 07.7 +1.2
A21K	Barrow	86.52	12	P	P	13 35 07.9 +1.1
EGAK	Eagle	86.53	21	P	P	13 35 07.9 +0.8
YBH	Yreka Blue Hor	86.60	47	P	P	13 35 08.3 +0.3
YBH					LR	14 05 48.1
SNCC	San Nicolas Is	86.66	55	P	P	13 35 08.1 -0.3
HYBB	Hyderabad (bro	86.69	288	eP	P	13 35 08.3 -0.6
F25K	Christian River	86.74	18	P	P	13 35 09.4 +1.3
L29M	L29M	86.75	23	P	P	13 35 09.4 +1.1
DAWY	Dawson	86.78	22	P	P	13 35 09.6 +1.3
C23K	Ikilik River	86.84	15	P	P	13 35 10.0 +1.6
I27K	Kandik River	86.84	20	P	P	13 35 10.1 +1.5
PKM	Mpherson Peak	86.86	54	P	P	13 35 10.4 +0.9
N31M	Greburn, Yuko	86.88	25	P	P	13 35 10.1 +1.2
G26K	Porcupine Rive	86.92	19	P	P	13 35 10.5 +1.6
M30M	Nirno, Yukon	87.01	24	P	P	13 35 11.2 +1.7
E25K	Arctic Village	87.09	17	P	P	13 35 10.9 +1.1
H27K	Steamboat Moun	87.23	20	P	P	13 35 12.1 +1.6
C24K	Franklin Bluff	87.25	15	P	P	13 35 12.0 +1.6
F26K	Sheenjek River	87.25	18	P	P	13 35 11.7 +1.1
Q32M	Nakina River	87.26	28	P	P	13 35 12.0 +1.0
K29M	Barlow Dome	87.37	23	P	P	13 35 12.6 +1.3
G27K	Dot Strip	87.52	19	P	P	13 35 13.3 +1.5
D25K	Kavik River	87.62	16	P	P	13 35 13.7 +1.4
I29M	Ogilvie Camp,	87.86	21	P	P	13 35 15.2 +1.7
R33M	Jennings River	88.06	28	P	P	13 35 16.1 +1.4
ISA	Isabella, Lake	88.12	53	P	P	13 35 15.4 -0.1
DGZ	Jazzator, Alta	88.13	321	iP	pmax	13 35 14.0 -1.3
EDW2	Edwards Air Fo	88.30	54	P	P	13 35 16.2 -0.1
E27K	Coleen River	88.32	18	P	P	13 35 16.9 +1.3
C26K	Camden Bay	88.39	16	P	P	13 35 17.8 +1.9
BFSC	Mount Baldy Ra	88.42	55	P	P	13 35 16.2 -0.8
C27K	Jago River	88.55	17	P	P	13 35 18.7 +2.1
CWC	Cottonwood Cre	88.62	53	P	P	13 35 18.7 +0.8
MURC	Murrieta	88.64	56	P	P	13 35 18.2 +0.3
TIN	Tinahaha, Big	88.66	52	P	P	13 35 18.2 +0.2
NVAR	Mina Array Bea	88.94	51	P	P	13 35 21.7 +2.2
EPYK	Eagle Plains	88.94	21	P	P	13 35 20.2 +1.6
MPMC	Manual Prospec	88.99	53	P	P	13 35 20.5 +0.7
MONP2	Monument Peak	89.10	56	P	P	13 35 21.3 +0.9
PFO	Pinyon Flats O	89.23	56	LR	LR	14 06 56.5
PFO	Pinyon Flats O	89.23	56	P	P	13 35 22.2 +1.3
TPFO	Pinon Flats	89.24	56	P	P	13 35 21.8 +1.0
KVN	Kaiserville	89.25	50	P	IAMB	13 35 19.7 -1.2
KVN	Kaiserville	89.25	50	P	P	13 35 19.7 -1.2
MMPY	Sheldon Lake,	89.29	25	P	P	13 35 22.3 +2.0
IKP	In-Ko-Pah, Jac	89.30	57	P	P	13 35 22.0 +0.9
GRAC	Greenville Rang	89.31	52	P	P	13 35 22.3 +1.3
GSC	Goldstone, Bar	89.35	54	P	P	13 35 22.6 +1.3
G30M	Aloh Zraii Njii	89.42	20	P	P	13 35 23.0 +2.2
FURC	Furnace Creek,	89.58	53	P	P	13 35 22.9 +0.7
HEC	Hector, Ludlow	89.62	55	P	P	13 35 22.7 +0.1
SWSC	Sam W. Stewart	89.62	56	P	P	13 35 22.5 0.0
BELC	Belle Mtn. Jos	89.70	55	P	P	13 35 24.5 +1.4
SHOC	Shoshone, Teco	89.91	54	P	P	13 35 24.5 +0.7
BC3	Big Chuckawall	90.06	56	P	P	13 35 26.0 +1.3
TUQ	Turquoise Moun	90.08	54	P	P	13 35 25.7 +0.9
GMRC	Granite Mounta	90.15	55	P	P	13 35 26.8 +1.7
TPNV	Topopah Spring	90.17	53	P	P	13 35 26.7 +1.5
IRM	Iron Mountain	90.42	55	P	P	13 35 27.1 +0.8
GLA	Glamis	90.44	57	P	P	13 35 27.4 +1.0
MK31	Makanchi Array	90.57 318	iP	P	P	13 35 25.0 -1.7
MKAR	Makanchi Array	90.57 318	P	P	P	13 35 25.9 -0.7
MKAR	Makanchi Array	90.57 318	P	P	P	13 35 26.0 -0.7
MAK2	Makanchi	90.78 317	P	IAMB	IAMB	13 35 26.3 -1.4
MAK2	Makanchi	90.78 317	P	pmax	pmax	13 35 26.3 -1.4
INK	Inuvik	90.96 20	P	P	P	13 35 27.8 -0.1
INK	Inuvik	90.96 20	P	LR	LR	14 11 45.0
INK	Inuvik	90.96 20	P	P	P	13 35 30.1 +2.2
ZALV	Zalesovo Beam	90.98 325	P	P	P	13 35 27.2 -1.1
ZALV	Zalesovo Beam	90.98 325	P	LR	LR	14 16 48.5
R11A	Troy Canyon, C	91.00 51	P	P	P	13 35 31.0 +1.9
PDMO	Parker Dam, Lak	91.27 55	P	P	P	13 35 31.5 +1.4
ELK	Elko	91.79 49	LR	LR	LR	14 09 10.2
NEW	Newport	92.18 41	P	P	P	13 35 35.1 +1.0
NEW	Newport	92.18 41	P	P	P	13 35 35.6 +1.5
LPIG	La Paz	92.57 66	LR	LR	LR	14 10 12.3

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HLID	Hailey	92.98	46	P	P	13 35 40.0 +1.9
ELIB	Princess Elisa	93.01 192	eP	P	P	13 35 38.9 +1.2
KURK	Kurchatov	93.86 321	P	P	P	13 35 40.6 -1.1
KURB	Kurchatov Arra	93.89 321				

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WPHZ, OXZ, MQZ, etc.

NEIC 10 13:38:37.72.9, 10:40S:0:07:161:32E:0:08, h10km, 1km, mb4.7/27, Error ellipse: s-maj=13.1km s-min=11.3km az=90.0

ISC-EH 10 13:38:38.0, 10:46S:161:28E, h10km, Error ellipse: s-maj=10.6km s-min=7.6km az=106.0

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HNR, HNR, HNR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ILAR, M27K, BCAR, etc.

WEL 10 13:41:48.0, 3.42S:2:17:4E, h5km, M3.6/27, ML3.9/12, MLV3.6/27, Error ellipse: s-maj=0.0km s-min=0.0km az=117.1, confirmed, South Island

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KHZ, BSZW, CMWZ, etc.

BUI 10 13:42:03.6, 0.0, 10:27S:161:48E, h15km, mb4.8/31, mB5.1/17, Ms4.8/5, Ms7.4/5

NEIC 10 13:42:05.4, 1.9, 10:32S:0:09:161:35E:0:10, h10km, 1km, mb4.9/53, Error ellipse: s-maj=18.4km s-min=11.5km az=50.0

ISC-EH 10 13:42:11.3, 2.3, 10:45S:161:29E, h59km, 18km, mb4.3/20, mbmp4.6/22, Error ellipse: s-maj=18.8km s-min=11.4km az=89.0

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HNR, HNR, HNR, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like STKA, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, IMAR Indian Mountain, J25K Salcha River, etc.

IDC 10 14:02:03.6.1.9, 11.015x161.72E, h0km, mb3.8/3, mbtmp3.5/3, ML4.4/2, Error ellipse: s-maj=52.8km s-min=28.1km az=61.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR Honiara, DZM Mont Dzumac, etc.

IDC 10 14:35:37.3.2.10, 48Sx161.17E, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=59.3km s-min=32.5km az=76.0, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, etc.

IDC 10 14:37:11.0.1.7, 3.65N-128.01E, h0km, mb3.3/3, mbtmp3.3/4, ML3.4/1, Error ellipse: s-maj=111.5km s-min=25.3km az=70.0, North of Halmahera

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

NEIC 10 14:43:48.7.2.0.54, 94S:0.08:31.4W:0.2, h10km, mb4.5/12, Error ellipse: s-maj=26.8km s-min=4.0km az=61.0

IDC 10 14:43:49.2.0.8, 55.00S:31.22W, h0km, mb4.0/6, mbtmp4.0/6, Error ellipse: s-maj=31.9km s-min=21.4km az=43.0

ISC 10 14:43:50.1.0.6, 55.00S:0.1x31.7W:0.1, h10km, n33, s=194.23, mb4.4/10, South Georgia Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, ESPZ Base Esperanza, VNA2 Neumayer-Watz, etc.

MT09 Talagante, MT01 Popeta, MT02 Curacav, VA03 San Esteban, GSPA South Pole Qui

QCSA South Pole Qui, ACO5 El Transito, LCO Las Campanas, LCO Llanos de Chal

LPAZ La Paz, LPAZ La Paz, H10S2 ASCENSION HYDR49.0, H10S3 ASCENSION HYDR49.0, BOSA Boshof

H10N1 ASCENSION HYDR49.0, H10N2 ASCENSION HYDR49.0, LBTB Lobatse

FINES FINESS Arr B, CMAR Chiang Mai Arr, YKA Yellowknife Arr, ZALV Zalesovo Bay

ILAR Eielson Array, SONM Songo Array

HVO 10 14:49:37.8.1.6, 20.10N:0.04:156.10W:0.05, h41km, 7km, ML3.1/24, ML3.3/52(NEIC), Error ellipse: s-maj=7.7km s-min=4.8km az=65.0

NEIC 10 14:49:35.9.1.4, 20.07N:0.02:156.15W:0.06, h39km, 11km, Error ellipse: s-maj=8.9km s-min=2.7km az=77.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MHA Mahukona, MHA Mahukona, HPAH Hawaii Prepara, etc.

H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy

SONM Songo Array, MKAR Makanchi Array

CPH Captain Cook, POHA Pohakuloa, POHA Pohakuloa

HLK Halekai, HLK Halekai, HLEK Halekai

ALP Alea Permanent, MLOA Mauna Loa Obse, MLOA Mauna Loa Obse

HLK Halekai, HLK Halekai, HLEK Halekai, ALP Alea Permanent, MLOA Mauna Loa Obse

IDC 10 14:57:05.7.1.8, 6.49S:129.48E, h0km, mb3.9/1, mbtmp4.1/4, ML4.1/3, Error ellipse: s-maj=66.8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HMM Humu'ula Sheep, HMH Kahului, HML Mauna Loa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HMM Humu'ula Sheep, HMH Kahului, HML Mauna Loa, etc.

IDC 10 14:54:45.4.1.2, 10.65S:161.37E, h0km, mb3.9/7, mbtmp4.0/9, ML3.9/2, MS3.6/10, Error ellipse: s-maj=33.2km s-min=22.0km az=82.0

ISC 10 14:54:50.2.0.9, 10.75S:0.09:161.3E:0.1, h35km, n31, s=197.17, mb4.0/7, MS3.5/8, Bougainville-Solomon Islands region

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

MTSU Mount Surprise, AULRC Lightning Ridg, INKA Innaminka, AFI Afiamalu

WRA Warramunga Arr, GATLON Tower, STKA Stephens Creek

ASAR Alice Springs, ASAR Alice Springs

GUMO Guam, H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy

H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy

HRZ Quartz Range, SIJI Sorong, KAPI Kappapa

PPT Papeete, VVDA Vanda

CMAR Chiang Mai Arr, SONM Songo Array

ILAR Eielson Array, H20S1 DAWSON INLET T, PFO Pinoy Flats

MKAR Makanchi Array

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HMM Humu'ula Sheep, HMH Kahului, HML Mauna Loa, etc.

10d 15h

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

IDC 10 14:57:41.7, 0.7, 8.74N:74.01W, h82km, 7km, mb3.4/5, mbmp3.6/7, ML3.0/2, MS3.7/2, Error ellipse: s-maj=11.6km s-min=10.5km az=24.0

RSNC 10 14:57:42.3, 0.7, 8.83N:73.89W, 0.04, h85km, 6km, n35, e232/62, mb3.8/5, 2C-3D, Northern Columbia

Main table for 10d 15h section, listing various stations and their parameters. Includes stations like La Loma, Ariguan, ZARC, etc.

2016 DEC

comp=Z,0.3nm,0.6s,baz=109,slow=3.3,SNR=6.1 WRA Warramunga Arr 156.56 245 PKPbc PKPbc 15 17 24.7 -0.6

IDC 10 15:02:58.2, 2.0, 11.11S:161.35E, h0km, mb3.4/5, mbmp3.6/7, ML4.0/2, MS3.7/2, Error ellipse: s-maj=49.4km s-min=25.7km az=72.0

ISC 10 15:03:01.7, 1.4, 11.2S:0.2-161.4E, 0.3, h28km, n14, o11318,h,mb3.3/5, Bougainville-Solomon Islands region

Table for 2016 DEC section, listing stations like Honiara, Mont Dzumac, Warramunga Arr, etc.

IDC 10 15:09:36.5, 4.7, 0.09S:130.38E, h0km, mb2.8/3, mbmp2.9/3, Error ellipse: s-maj=349.5km s-min=30.2km az=70.0, Irian Jaya region

Table for 2016 DEC section, listing stations like Warramunga Arr, Alice Springs, etc.

IDC 10 15:13:11.7, 4.4, 11.14S:160.92E, h0km, mb3.6/3, mbmp3.6/3, MS4.1/2, Error ellipse: s-maj=89.8km s-min=28.2km az=94.0, Bougainville-Solomon Islands region

Table for 2016 DEC section, listing stations like Honiara, Warramunga Arr, etc.

IDC 10 15:24:00.8, 3.0, 10.62S:161.28E, h52km, 24km, mb3.2/5, mbmp3.6/7, ML3.2/2, MS3.0/3, Error ellipse: s-maj=30.8km s-min=17.8km az=68.0

ISC 10 15:24:01.4, 1.1, 10.6S:0.1-161.3E, 0.2, h61km, n16, o0819,h,mb3.3/5, Bougainville-Solomon Islands region

Table for 2016 DEC section, listing stations like Honiara, Warramunga Arr, etc.

IDC 10 15:25:05.2, 2.0, 3.76S:83.55E, h0km, mb3.7/7, mbmp3.7/8, ML3.7/1, Error ellipse: s-maj=60.5km s-min=22.9km az=60.0

ISC 10 15:25:06.8, 1.9, 3.7S:0.2-83.5E, 0.4, h10km, n11, o099/9, mb3.6/7, South Indian Ocean

Table for 2016 DEC section, listing stations like Pallekele, Warramunga Arr, etc.

762

Table for 762 section, listing stations like Diego Garcia H, Chiang Mai Arr, etc.

SOME 10 15:30:20.1, 38.62N:127.13E, h0km, ISC 10 15:30:18.6, 2.7, 38.6N:0.1-172.10E, 0.07, h10km, n5, o306/9, 1D, Tajikistan

Table for 762 section, listing stations like luzhnyay, Merke, Karatay Array, etc.

IDC 10 15:40:09.4, 1.6, 31.56N:132.17E, h48km, 14km, mb3.5/6, mbmp3.7/10, ML2.9/4, MS3.0/2, Error ellipse: s-maj=18.5km s-min=11.6km az=87.0

JMA 10 15:40:10.0, 0.1, 31.9N:0.3-132.1E, 0.7, h27km, 2km, MV3.8/37, HYUGANADA REGION

NIED 10 15:40:10.0, 0.1, 31.85N:132.14E, h27km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn:0.94; M0:0.24; M1:0.11; M2:0.02; M3:0.16; M4:0.15;

ISC 10 15:40:08.3, 1.3, 31.75N:0.04-132.15E, 0.04, h30km, 10km, n38, e195/37, mb3.6/6, 6D, Southeast of Shikoku

Main table for 762 section, listing various stations and their parameters. Includes stations like Nichinankitagto, Tsuno, etc.

IDC 10 15:42:54.5, 1.4, 11.07S:161.75E, h0km, mb3.5/5, mbmp3.7/7, ML4.0/2, Error ellipse: s-maj=31.8km s-min=26.2km az=70.0

ISC 10 15:42:59.6, 1.1, 11.1S:0.1-161.7E, 0.2, h35km, n10, o077/8, mb3.4/5, Bougainville-Solomon Islands region

10d 16h

Table with columns for station call letters, frequency, and signal strength. Includes stations like Ouz, AFI, KAPI, KAPG, etc.

2016 DEC

Table with columns for station call letters, frequency, and signal strength. Includes stations like GRJI, WHZ, GIRL, SYZ, etc.

764

Table with columns for station call letters, frequency, and signal strength. Includes stations like CBJI, TNG, SKJI, JTM, etc.

Table with columns for station call signs (e.g., TEY, SDSA, SUJ), frequencies, and signal quality metrics (e.g., S/N, SNR, SNR+13).

Table with columns for station call signs (e.g., GYA, GYA, GYA), frequencies, and signal quality metrics (e.g., S/N, SNR, SNR+13).

Table with columns for station call signs (e.g., PET, PET, PET), frequencies, and signal quality metrics (e.g., S/N, SNR, SNR+13).

767

O22K	Cooper Landing	79.06	25	P	P	16 36 22.9 +0.9
O22K	Cooper Landing	79.06	25	P	P	16 36 21.9 0.0
O22K	baz=237			S	S	16 46 07.8 +0.4
LGTI	Lohaghat	79.15	301	I/P	I/Amb	16 36 23.7 +0.5
LGTI	baz=Z,235nm,1.2s					16 36 29.7
LGTI	Skwentna	79.17	23	P	pP	16 37 02.6 +0.1
SKT	Skwentna	79.17	23	P	P	16 36 21.7 -1.2
SUA	Susitna One	79.17	24	P	P	16 36 22.2 -0.4
SUA	baz=235,SNR=16					16 36 22.7 -0.1
SUA	Susitna One	79.18	24	P	I/Amb	16 36 29.0
SUA	comp=Z,114nm,0.6s					16 36 21.7 -1.1
SUA	Susitna One	79.18	24	P	P	16 46 07.3 -1.7
SUA	baz=236			S	S	16 46 07.3 -1.7
PCHI	Peechi	79.37	282	I/P	pP	16 36 24.4 -0.2
PCHI	baz=237			S	S	16 46 14.7 +2.2
RC01	Rabbit Creek A	79.38	24	P	P	16 36 23.8 0.0
RC01	baz=237			S	S	16 36 26.2
RC01	Rabbit Creek A	79.38	24	P	I/Amb	16 36 23.6 -0.2
RC01	baz=237			S	S	16 46 11.7 +0.8
PPLA	Purkeypile	79.45	22	P	P	16 36 24.2 0.0
PPLA	baz=237			S	S	16 36 26.4
PPLA	Purkeypile	79.45	22	P	I/Amb	16 36 23.8 -0.5
PPLA	baz=234,SNR=25			S	S	16 46 11.2 -0.7
RDOG	Red Dog Mine	79.48	15	P	P	16 36 25.9 +1.8
RDOG	baz=233			S	S	16 36 25.9 +1.8
J20K	Nowinta River	79.51	20	P	P	16 36 25.0 +0.6
J20K	Nowinta River	79.51	20	P	P	16 36 25.3 +0.9
J20K	baz=232			S	S	16 46 13.3 +1.2
M22K	Willow	79.59	23	P	P	16 36 24.1 -0.7
M22K	baz=236,SNR=25			S	S	16 36 24.1 -0.7
P23K	Montague Islan	79.78	26	P	P	16 36 26.2 +0.3
P23K	baz=239			S	S	16 36 26.2 +0.3
CAST	Castle Rocks	79.79	22	P	P	16 36 25.4 -0.5
CAST	Castle Rocks	79.79	22	P	P	16 36 25.4 -0.5
CAST	baz=234,SNR=91			S	S	16 46 14.5 -0.7
JHNI	Jhansi	79.80	297	eP	P	16 36 23.4 -3.4
DGZ	Jazzator, Alta	79.81	323c	I/P	pP	16 36 26.3 -0.2
DGZ	baz=237			S	S	16 37 04.1 -1.6
DGZ	comp=Z,212nm,1.5s					16 36 26.4 +0.2
PWL	Port Wells	79.83	25	P	P	16 36 26.0 -0.2
PWL	Port Wells	79.83	25	P	P	16 36 26.0 -0.2
PWL	baz=238,SNR=67			S	S	16 46 17.7 +2.0
CUT	Chulitna	79.90	23	P	P	16 36 27.6 +1.1
CUT	baz=238			S	S	16 36 27.6 +1.1
CUT	Chulitna	79.90	23	P	I/Amb	16 36 25.7 -0.8
CUT	baz=236,SNR=12			S	S	16 36 26.5 0.0
PMR	Palmer	79.90	24	P	I/Amb	16 36 28.8
PMR	comp=Z,262nm,1.2s					16 36 26.1 -0.3
PMR	Palmer	79.90	24	P	P	16 36 26.0 -0.3
PMR	baz=237			S	S	16 36 26.5 0.0
PMR	Palmer	79.90	24	P	pmax	16 36 26.5 0.0
PMR	comp=Z,262nm,1.2s					16 36 26.7 -0.1
Q23K	Middleton Isla	79.96	26	P	P	16 36 26.7 -0.1
Q23K	baz=240			S	S	16 36 27.1 +0.2
CHUM	Lake Minchumin	79.98	21	P	P	16 36 27.1 +0.2
CHUM	baz=234,SNR=69			S	S	16 46 17.6 +0.6
CHUM	Knik Glacier	80.08	24	P	P	16 36 28.2 +0.7
CHUM	baz=234			S	S	16 36 30.4
KNK	Knik Glacier	80.08	24	P	I/Amb	16 36 27.4 -0.1
KNK	baz=238,SNR=36			S	S	16 46 19.3 +1.1
KNK	Knik Glacier	80.08	24	P	P	16 36 27.6 -1.1
KNK	baz=238			S	S	16 36 28.8 -0.7
KTH	Kantishna Hill	80.30	22	P	P	16 36 32.2
AKL	Akola	80.30	292	eP	I/Amb	16 36 29.4 +0.4
AKL	baz=238,SNR=35			S	S	16 36 28.8 -1.0
SML	Sawmill	80.34	24	P	I/Amb	16 36 29.4 +0.4
SML	comp=Z,150nm,0.7s					16 36 31.6
SML	Sawmill	80.34	24	P	P	16 36 28.9 0.0
SML	baz=238,SNR=63			S	S	16 46 20.7 -0.3
HIN	Hinchinbrook I	80.37	26	P	P	16 36 28.4 -0.7
HIN	baz=238			S	S	16 36 31.9
BHPL	Bhopal	80.38	295	eP	I/Amb	16 36 29.5 -0.5
BHPL	comp=Z,235nm,1.0s					16 36 31.8
BHPL	Thorefare Moun	80.47	22	P	pP	16 37 07.1 -2.5
TRF	Thorefare Moun	80.47	22	P	P	16 36 29.6 -0.2
TRF	baz=236,SNR=35			S	S	16 36 28.8 -1.0
TRF	Glacier View	80.58	24	P	P	16 46 20.3 -2.4
M23K	Glacier View	80.58	24	P	S	16 36 30.2 0.0
M23K	baz=239,SNR=23			S	S	16 46 25.0 +1.6
BPAW	Bear Paw Mtn.	80.59	21	P	P	16 36 29.3 -0.9
BPAW	baz=239			S	S	16 36 29.3 -0.9
ZSN	Zaisan	80.62	320	eP	P	16 36 30.8 +0.1
ZSN	comp=Z,260nm,2.4s, baz=320					16 46 24.0 -0.5
ZSN	Zaisan	80.62	320	eP	S	16 36 30.8 +0.1
ZSN	baz=320			S	S	16 46 23.9 -0.5
ZSN	Zaisan	80.62	320	eP	pmax	16 36 30.8 +0.1
ZSN	comp=Z,259nm,2.4s					16 36 31.3 +0.3
IMAR	Indian Moun	80.75	19	P	P	16 36 31.7 +0.5
SCM	Sheep Creek Mo	80.76	24	P	I/Amb	16 36 34.1
SCM	comp=Z,305nm,1.1s					16 36 31.4 +0.2
SCM	Sheep Creek Mo	80.76	24	P	P	16 36 31.7 +0.5
SCM	baz=239			S	S	16 46 26.5 +1.1
SCM	Sheep Creek Mo	80.76	24	P	pmax	16 36 31.7 +0.5
SCM	comp=Z,305nm,1.1s					16 36 32.4 +1.2
EYAK	Cordova Ski Ar	80.77	26	P	I/Amb	16 36 34.0
EYAK	comp=Z,303nm,1.5s					16 36 31.7 +0.6
EYAK	Cordova Ski Ar	80.77	26	P	P	16 36 32.1 +0.9
EYAK	baz=241,SNR=9			S	S	16 36 30.5 -0.8
WAT1	Susitna Watana	80.80	23	P	P	16 36 30.5 -0.8
WAT1	baz=238			S	S	16 46 24.4 -1.3
I21K	Tanana	80.86	20	P	P	16 36 31.7 +0.2
I21K	baz=234			S	S	16 46 26.8 +0.7
H21K	Melozitna Rive	80.87	20	P	P	16 36 32.2 +0.6
H21K	Melozitna Rive	80.87	20	P	P	16 36 32.0 +0.4
H21K	baz=233			S	S	16 46 28.1 +1.8
WAT6	Susitna Watana	80.98	23	P	P	16 36 32.3 -0.2
WAT6	baz=238,SNR=52			S	S	16 46 25.6 -2.3
RND	Reindeer	80.99	22	P	P	16 36 32.0 -0.4
RND	Reindeer	80.99	22	P	P	16 36 32.0 -0.4
RND	comp=Z,90nm,0.8s					16 36 33.1 +0.4
DIV	Divide	81.05	25	P	I/Amb	16 36 35.6

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KAIM	Kayak Island	81.06	27	P	P	16 36 34.1 +1.4
MCK	McKinley	81.14	22	P	I/Amb	16 36 32.5 -0.6
MCK	comp=Z,172nm,1.0s					16 36 34.9
MCK	McKinley	81.14	22	P	I/Amb	16 36 32.0 -1.1
MCK	baz=237,SNR=141			S	S	16 46 25.5 -3.6
MCK	McKinley	81.14	22	P	P	16 36 32.5 -0.6
MCK	baz=237			S	S	16 46 25.5 -3.6
G21K	Alaska	81.16	19	P	pmax	16 36 33.2 +0.1
G21K	comp=Z,256nm,0.9s					16 46 30.5 +1.3
G21K	Alaska	81.17	25	P	P	16 36 33.9 +0.5
KLU	Klutina	81.17	25	P	I/Amb	16 36 36.5
KLU	comp=Z,416nm,1.3s					16 36 33.7 +0.3
KLU	Klutina	81.17	25	P	P	16 46 31.4 +1.7
KLU	baz=240,SNR=61			S	S	16 36 33.2 -0.1
BWN	Browne	81.18	22	P	P	16 36 33.3 -1.0
MNGI	Mangalore	81.18	284	I/P	I/Amb	16 36 36.7
MNGI	comp=Z,106nm,1.0s					16 36 34.2 0.0
DDI	Dehra Dun	81.20	302	I/P	I/Amb	16 36 37.4
DDI	comp=Z,90nm,0.6s					16 36 32.6 -0.9
MLY	Manley	81.21	21	P	P	16 46 29.2 -0.7
MLY	baz=235,SNR=52			S	S	16 36 36.0 +0.9
MLY	Manley	81.21	21	P	P	16 36 36.8 -4.0
MLY	baz=235			S	S	16 36 34.3 +0.1
DGAR	Diego Garcia	81.31	263	I/P	pP	16 36 37.2
DGAR	comp=Z,290nm,1.2s					16 36 35.0 +0.6
HMT	Hamilton	81.32	26	P	I/Amb	16 36 37.7
HMT	comp=Z,348nm,1.1s					16 36 33.8 -0.6
M24K	Tolsona, Glenn	81.37	24	P	I/Amb	16 36 34.9 +0.3
M24K	comp=Z,240,SNR=39					16 36 37.2
M24K	Tolsona, Glenn	81.37	24	P	P	16 36 34.9 +0.3
M24K	comp=Z,204nm,1.2s					16 36 34.1 -0.5
DHY	Denali Highway	81.38	23	P	I/Amb	16 46 32.6 +0.6
DHY	Denali Highway	81.38	23	P	I/Amb	16 36 34.7
DHY	Denali Highway	81.38	23	P	S	16 36 34.1 -0.5
DHY	baz=239			S	S	16 46 32.6 +0.6
BMRM	Bremner River	81.47	26	P	P	16 36 34.7 -0.2
BMRM	comp=Z,242					16 46 34.5 +1.7
BMRM	Ishtalinta Cre	81.48	20	P	P	16 36 34.9 0.0
BMRM	baz=235			S	S	16 46 34.3 +1.7
H22K	Ishtalinta Cre	81.48	20	P	P	16 36 35.0 -0.3
H22K	baz=235			S	S	16 36 34.1 -1.2
NEA2	Nenana	81.56	21	P	P	16 46 29.6 -3.8
NEA2	comp=Z,237					16 36 36.2 +0.6
NEA2	Nenana	81.56	21	P	P	16 36 38.7
NEA2	baz=237,SNR=25			S	S	16 36 35.0 -0.5
BERG	Berg Lake	81.59	26	P	I/Amb	16 36 35.2 +1.4
BERG	comp=Z,409nm,1.1s					16 36 36.0 +0.2
F21K	Alatina River	81.60	18	P	P	16 36 35.7 -0.6
F21K	baz=232,SNR=29			S	S	16 46 33.0 -2.3
F21K	Bering Glacier	81.65	27	P	P	16 36 35.7 -0.6
F21K	comp=Z,243					16 46 33.0 -2.3
I23K	Minu, Yukon-K	81.76	21	P	P	16 36 36.7 +0.1
I23K	comp=Z,381nm,1.3s					16 36 39.8
I23K	Chitina, Valde	81.78	25	P	I/Amb	16 36 37.0 +0.4
I23K	baz=242,SNR=34			S	S	16 46 37.0 +1.1
N25K	Chitina, Valde	81.78	25			

10d 16h

BVCY	comp=Z,231nm,2.1s Beaver Creek baz=245,SNR=41	83.71	25	P	P	16 36 47.2 +0.7
BVCY	baz=245			S	S	16 46 57.8 +2.3
YUK8	baz=246 Steele Glacier baz=246,SNR=33	83.72	26	P	S	16 46 47.7 +0.8
YUK8	baz=246			S	S	16 46 56.9 +0.9
G25K	baz=240 Bearman Lake baz=240	83.75	20	P	P	16 36 47.1 +0.6
SATY	baz=314 Saty comp=Z,201nm,2.3s,baz=314	83.76	314	eP	P	16 36 47.2 -0.1
SATY	baz=314 Saty	83.76	314	eP	P	16 36 47.2 -0.1
ZHN	comp=Z,201nm,2.3s Zhinishe	83.76	314	eP	P	16 36 47.2 -0.2
ZHN	comp=Z,153nm,2.1s,baz=314	83.76	314	eP	P	16 36 47.1 -0.2
ZHN	Zhinishe	83.76	314	eP	P	16 36 47.1 -0.2
O29M	comp=Z,153nm,2.1s Mount Kennedy baz=247	83.86	27	P	P	16 36 47.8 +0.5
Q29M	baz=247			S	S	16 46 59.4 +2.2
FYU	baz=247 Fort Yukon comp=Z,264nm,1.7s	83.95	20	IAMB	IAMB	16 36 50.4
P29M	baz=248 Windy Craggy baz=248	83.99	28	P	P	16 36 49.5 +1.5
C23K	baz=235 Iklikik River baz=235	84.00	17	P	P	16 36 48.3 +0.6
C23K	baz=242 Coal Creek Min baz=242	84.09	22	P	P	16 36 47.8 -0.5
S31K	baz=249,SNR=6.8 Pelican baz=249,SNR=6.8	84.11	30	P	P	16 36 48.6 +0.1
YUK6	baz=247,SNR=21 Outpost Mounta baz=247,SNR=21	84.20	27	P	P	16 36 50.2 +1.0
QSPA	baz=247,SNR=21 South Pole Qui baz=247,SNR=21	84.21	180	P	P	16 36 49.4 +0.3
TDK	baz=316 Taldyqorghan baz=316	84.22	316	eP	P	16 36 49.6 +0.1
TDK	comp=Z,338nm,1.6s,baz=316	84.22	316	eP	P	16 36 49.5 +0.1
YUK4	comp=Z,435nm,1.6s Talbot Arm baz=247,SNR=35	84.23	26	P	P	16 36 50.5 +1.1
SIT	baz=250 Sitka baz=250	84.26	31	P	P	16 36 49.5 +0.2
JMU	baz=250 Jammu baz=250	84.30	304	eP	P	16 36 49.8 -0.3
F25K	baz=250 Christian River baz=250	84.32	19	P	P	16 37 29.2 -0.9
C24K	baz=240 Franklin Bluff baz=240	84.49	17	P	P	16 36 50.7 +0.5
R31K	baz=250 City Hall, Gus baz=250	84.51	30	P	P	16 36 51.5 +1.0
P30M	baz=248 Million Dollar baz=248	84.54	28	P	P	16 36 51.1 +0.4
HYT	baz=248 Haines Junctio baz=248	84.55	27	P	IAMB	16 36 51.0 +0.2
HYT	comp=Z,271nm,1.2s	84.55	27	P	IAMB	16 36 54.4
HYT	baz=248,SNR=51 Haines Junctio baz=248,SNR=51	84.55	27	P	P	16 36 51.7 +0.9
PLBC	baz=249,SNR=16 Pleasant Camp baz=249,SNR=16	84.58	29	P	P	16 36 51.4 +0.6
BMAR	baz=240,SNR=46 Burnt Mountain baz=240,SNR=46	84.59	20	P	P	16 36 51.5 +0.6
E25K	baz=240,SNR=46 Arctic Village baz=240,SNR=46	84.61	19	P	P	16 36 51.5 +0.6
EGAK	comp=Z,165nm,1.1s Eagle baz=244,SNR=105	84.61	23	P	P	16 36 51.2 +0.3
EGAK	baz=244,SNR=105	84.61	23	P	P	16 36 51.2 +0.2
G26K	baz=242,SNR=183 Porcupine River baz=242,SNR=183	84.64	20	P	P	16 36 51.2 +0.2
M29M	baz=247,SNR=30 Somme Creek baz=247,SNR=30	84.75	25	P	P	16 36 52.3 +0.5
MDOK	baz=314 Medeo baz=314	84.75	314	eP	P	16 36 52.5 +0.2
MDOK	baz=314	84.75	314	eS	S	16 47 00.1 -6.8
MDOK	baz=314 Medeo baz=314	84.75	314	eP	S	16 36 52.5 +0.2
MDOK	baz=314	84.75	314	eS	S	16 47 00.0 -6.8
KSH	baz=314 Kashi baz=314	84.76	310	P	P	16 36 54.0 +1.6
KSH	baz=314	84.76	310	pP	pP	16 37 33.2 +0.9
KSH	baz=314	84.76	310	pP	pP	16 37 49.0 -0.2
KSH	baz=314	84.76	310	SKS	SKS	16 40 15.1 +4.1
KSH	baz=314	84.76	310	S	S	16 47 01.1 -5.9
KSH	baz=314	84.76	310	S	S	16 47 11.2 +3.1
KSH	baz=314	84.76	310	S	S	16 48 15.7 +1.1
KSH	comp=Z,140nm,1.4s			pmax	pmax	
KSH	comp=Z,3um,5.7s			LR	LR	
KSH	comp=Z,630nm,19.1s			LR	LR	
KSH	comp=Z,570nm,20.6s			LR	LR	
S32K	comp=Z,580nm,20.0s Killisnoo baz=251	84.78	31	P	P	16 36 52.6 +0.8
TNS5	baz=314 Tian-Shan baz=314	84.79	314	eP	P	16 36 52.9 0.0
TNS5	baz=314	84.79	314	eP	P	16 36 52.9 0.0
I27K	baz=244 Kandik River baz=244	84.80	22	P	P	16 36 52.3 +0.3
AAA	baz=314 Alma-Ata baz=314	84.86	314	eP	P	16 36 52.9 +0.1
AAA	comp=Z,158nm,1.6s,baz=314	84.86	314	eP	P	16 36 52.9 +0.1
AAA	comp=Z,158nm,1.6s	84.86	314	eP	pmax	16 36 52.8 +0.1
F26K	baz=241 Sheenjek River baz=241	84.87	20	P	P	16 36 52.7 +0.4
CRAG	baz=252 Craig baz=252	84.91	33	P	P	16 36 53.0 +0.4
CHKK	baz=315 Chushkaly baz=315	84.95	315	eP	P	16 36 52.6 -0.5
CHKK	baz=315	84.95	315	eP	P	16 36 52.6 -0.5
D25K	baz=239 Kavik River baz=239	84.97	18	P	P	16 36 52.7 0.0
D25K	baz=239	84.97	18	S	S	16 47 07.7 0.0
N30M	baz=248 Aishkik Lake baz=248	84.97	27	P	P	16 36 53.5 +0.6
DAWY	baz=246,SNR=62 Dawson baz=246,SNR=62	85.01	24	P	IAMB	16 36 53.7 +0.8
DAWY	comp=Z,325nm,1.6s	85.01	24	P	IAMB	16 36 56.4
DAWY	baz=246	85.01	24	S	S	16 47 10.9 +2.6
DAWY	baz=246	85.01	24	P	P	16 36 53.3 +0.3
DAWY	baz=246	85.01	24	P	P	16 36 53.8 +0.5
R32K	baz=251 Eaglecrest baz=251	85.07	30	P	P	16 36 53.9 +0.5
SKAG	baz=250,SNR=7.6 Skagway baz=250,SNR=7.6	85.07	29	P	P	16 36 54.1 +0.8
SKAG	baz=250	85.07	29	S	S	16 47 10.9 +2.0
SKAG	baz=250	85.07	29	P	P	16 36 55.2 +1.9
SKAG	baz=250	85.07	29	P	P	16 36 55.7 -0.5
H27K	baz=244,SNR=127 Steamboat Moun baz=244,SNR=127	85.11	21	P	P	16 36 54.0 +0.5
H27K	baz=244	85.11	21	S	S	16 47 11.1 +1.9
U33K	baz=252,SNR=6.4 Whale Pass baz=252,SNR=6.4	85.11	32	P	P	16 36 53.9 +0.4
U33K	baz=252	85.11	32	S	S	16 47 12.2 +2.9
ULHL	baz=252 Ulaloh SNR=13	85.13	313	P	P	16 36 55.9 +1.6
L29M	baz=247 L29M baz=247	85.15	25	P	P	16 36 54.3 +0.6
L29M	baz=247	85.15	25	S	S	16 47 12.8 +3.1
O30N	baz=249 Mendenhall baz=249,SNR=31	85.17	27	P	P	16 36 53.7 -0.2
O30N	baz=249	85.17	27	S	S	16 47 10.5 +0.5
MAW	comp=Z,152nm,0.7s,baz=101,slow=1,SNR=89 Mawson comp=Z,152nm,0.7s	85.31	203	P	LR	16 36 54.7 +0.3
MAW	comp=Z,378nm,19.7s,baz=92,slow=34	85.31	203	P	LR	17 12 25.5
MAW	comp=Z,152nm,0.7s	85.31	203	P	P	16 36 54.6 +0.2

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MAW	baz=85,SNR=82 Mawson baz=85,SNR=82	85.31	203	P	P	16 36 54.7 +0.3
MAW	baz=85,SNR=82	85.31	203	P	P	16 36 54.5 +0.2
MAW	baz=85,SNR=82	85.31	203	P	P	16 36 54.7 +0.3
MAW	baz=85,SNR=82	85.31	203	P	P	16 36 54.7 +0.3
G27K	comp=Z,85nm,1.1s Doyon Strip baz=244	85.32	21	P	pmax	16 36 55.0 +0.5
G27K	baz=244	85.32	21	S	S	16 47 12.4 +1.3
T33K	baz=252 Petersburg baz=252	85.41	32	P	P	16 36 55.8 +0.7
KUU	comp=Z,502nm,1.6s,baz=315 Kurly baz=315	85.41	315	eP	S	16 36 54.9 -0.5
KUU	baz=315	85.41	315	eP	S	16 36 54.9 -0.5
KUU	comp=Z,502nm,1.6s	85.41	315	eS	S	16 47 03.7 -9.3
KUU	comp=Z,502nm,1.6s	85.41	315	eS	pmax	16 47 03.7 -9.3
KURK	comp=Z,348nm,1.5s Kurchatov baz=248,SNR=63	85.50	322	P	IAMB	16 36 54.8 -0.8
KURK	baz=248,SNR=63	85.50	322	P	IAMB	16 36 57.7
M30M	baz=248 Minto, Yukon baz=248,SNR=63	85.51	26	P	P	16 36 55.0 -0.6
M30M	baz=248	85.51	26	*PP	pP	16 37 34.0 -1.3
M30M	baz=248	85.51	26	P	P	16 36 56.3 +0.8
KURB	comp=Z,37nm,1.0s,baz=109,slow=3.7,SNR=6.5 Kurchatov Arra comp=Z,18nm,0.5s,baz=108,slow=4.0,SNR=98	85.53	322	P	P	16 47 14.0 +0.7
KURB	comp=Z,37nm,1.0s,baz=109,slow=3.7,SNR=6.5	85.53	322	P	P	16 36 55.0 -0.8
KURB	comp=Z,18nm,0.5s	85.53	322	P	pP	16 37 34.0 -1.5
KURB	comp=Z,18nm,0.5s	85.53	322	P	P	16 36 54.6 -1.2
N31M	baz=249,SNR=53 Braeburn, Yuko baz=249,SNR=53	85.57	27	P	P	16 36 56.4 +0.5
N31M	baz=249	85.57	27	S	S	16 47 16.3 +2.5
WRAK	baz=249 Wrangell Islan baz=249,SNR=53	85.61	32	P	P	16 36 56.3 +0.3
J29M	baz=249 Klondike Camp baz=249,SNR=12	85.63	24	P	P	16 36 57.1 +1.0
J29M	baz=249	85.63	24	S	S	16 47 16.7 +2.3
K29M	baz=248 Barlow Dome baz=248	85.68	24	P	P	16 36 57.0 +0.6
K29M	baz=248	85.68	24	S	S	16 47 16.0 +1.0
V35K	baz=248 Ketchikan baz=248,SNR=11	85.69	33	P	P	16 36 57.0 +0.6
C26K	baz=240 Camden Bay baz=240	85.71	18	P	P	16 36 56.9 +0.7
C26K	baz=240	85.71	18	S	S	16 47 15.6 +0.8
NIL	comp=Z,321nm,1.5s Nilore baz=240	85.83	304	P	IAMB	16 36 57.4 -0.3
NIL	comp=Z,321nm,1.5s	85.83	304	P	IAMB	16 37 38.1
NIL	comp=Z,321nm,1.5s	85.83	304	P	pmax	16 36 57.4 -0.3
NIL	comp=Z,321nm,1.5s	85.83	304	P	pmax	16 36 57.4 -0.3
P32M	baz=251,SNR=18 Atlin baz=251,SNR=18	85.89	29	P	P	16 36 58.0 +0.6
C27K	baz=242 Jago River baz=242	85.94	18	P	P	16 36 58.1 +0.7
C27K	baz=242	85.94	18	S	S	16 47 17.3 +0.3
E27K	baz=244 Coleen River baz=244	85.95	20	P	P	16 36 58.1 +0.5
E27K	baz=244	85.95	20	S	S	16 47 19.2 +1.9
I29M	baz=244,SNR=115 Ogilvie Camp, baz=244,SNR=115	85.95	23	IAMB	IAMB	16 37 00.4
I29M	baz=244,SNR=115	85.95	23	P	P	16 36 57.7 +0.1
I29M	baz=244,SNR=84	85.95	23	S	S	16 47 17.9 +0.5
KBK	baz=247 Kareybulak SNR=22	86.15	313	P	P	16 37 01.1 +1.7
MAYO	baz=249,SNR=28 Mayo, Yukon baz=249,SNR=28	86.26	25	P	S	16 37 00.4 +1.2
MAYO	baz=249	86.26	25	S	S	16 47 22.8 +2.3
CHUM	baz=249 Chumysh baz=249,SNR=28	86.36	314	P	P	16 36 59.7 -0.4
UCH	baz=249 Uchtor SNR=22	86.39	313	P	P	16 37 01.9 +1.1
Q32M	baz=253 Nakina River baz=253	86.41	30	P	P	16 37 01.3 +1.1
Q32M	baz=253	86.41	30			

769	MPMC	baz=264	S	S	16 48 15.7 +1.9
109C	Camp Elliot, M	91.83 57 P	P	P	16 37 27.5 +1.4
109C	baz=264	S	S	16 48 16.4 +2.8	
GRAC	Grapevine Rang	92.01 53 P	P	P	16 37 27.7 +0.8
MZP	Montezuma Peak	92.07 52 Iamb	Iamb	Iamb	16 37 30.6
RRX	Edison Barstow	92.11 55 P	P	P	16 37 28.3 +1.0
BBRC	Big Bear Solar	92.11 56 P	P	P	16 37 28.0 +0.4
BBRC	baz=264	S	S	16 48 19.2 +2.6	
GSC	Goldstone, Bar	92.30 55 P	P	P	16 37 28.2 -0.1
GSC	baz=265, SNR=34	S	S	16 48 21.3 +3.4	
QSM	Queen of Sheba	92.31 54 Iamb	Iamb	Iamb	16 37 31.6
C36M	Paulutuk	92.36 21 Iamb	Iamb	Iamb	16 37 28.9
C36M	Paulutuk	92.36 21 P	P	P	16 37 27.2 -0.5
FURC	Furnace Creek,	92.36 54 P	P	P	16 37 28.6 +0.2
MONP2	Monument Peak	92.40 57 P	P	P	16 37 30.2 +1.2
MONP2	baz=265, SNR=91	S	S	16 48 21.4 +2.3	
PFO	Pinyon Flats O	92.43 57 LR	LR	LR	17 11 45.7
PFO	Pinyon Flats O	92.43 57 P	P	P	16 37 29.9 +1.0
PFO	baz=265, SNR=48	Iamb	Iamb	Iamb	16 37 32.6
PFO	Pinyon Flats O	92.43 57 P	P	P	16 37 30.1 +1.1
PFO	baz=265	S	S	16 48 21.6 +2.4	
PFO	Pinyon Flats O	92.43 57 P	P	P	16 37 31.2 +2.2
TPFO	Pinon Flats	92.44 57 P	P	P	16 37 30.0 +1.0
TPFO	baz=265, SNR=53	S	S	16 48 21.0 +1.7	
A36M	Sachs Harbour	92.45 18 Iamb	Iamb	Iamb	16 37 30.0
A36M	Sachs Harbour	92.45 18 P	P	P	16 37 27.3 -0.7
BMN	Battle Mountai	92.46 50 Iamb	Iamb	Iamb	16 37 32.0
GMW	Greenwater Val	92.50 54 Iamb	Iamb	Iamb	16 37 32.5
IKP	In-Ko-Pah, Jac	92.54 68 P	P	P	16 37 30.9 +1.0
HEC	Hector Ludlow	92.64 55 P	P	P	16 37 29.9 +0.1
SHOC	Shoshone, Teco	92.79 54 P	P	P	16 37 30.7 +0.3
BELC	Belle Mtn, Jos	92.85 56 P	P	P	16 37 31.9 +1.0
TPNV	Topopah Spring	92.90 53 P	P	P	16 37 31.3 +0.2
TPNV	Topopah Spring	92.90 53 P	P	P	16 37 31.6 +0.5
TPNV	baz=265, SNR=144	P	P	P	16 37 32.0 +0.3
SWSC	Sam W. Stewart	92.92 57 P	P	P	16 37 31.9 +0.8
TUQ	Turquoise Moun	93.03 55 P	P	P	16 37 32.4 +0.6
GMRC	Granite Mount	93.19 56 P	P	P	16 37 33.1 +0.6
NEW	Newport	93.24 42 LR	LR	LR	17 17 05.0
NEW	Newport	93.24 42 P	P	P	16 37 32.6 +0.3
BC3	Big Chuckawall	93.27 57 P	P	P	16 37 33.7 +0.8
R11A	Troy Canyon, C	93.54 52 Iamb	Iamb	Iamb	16 37 37.3
R11A	Troy Canyon, C	93.54 52 P	P	P	16 37 34.3
IRM	Iron Mountain	93.57 56 P	P	P	16 37 35.1 +1.1
GLA	Glamis	93.75 57 P	P	P	16 37 36.2 +1.2
PLID	Pearl Lake	93.75 45 LR	LR	LR	17 13 27.8
ELK	Elko	93.99 50 LR	LR	LR	17 13 27.8
NEE2	Needles Airpor	94.05 56 P	P	P	16 37 37.4 +1.2
PDMCI	Parker Dam, Lak	94.41 56 P	P	P	16 37 38.7 +0.9
SPR3	Spring Creek 3	94.57 51 Iamb	Iamb	Iamb	16 37 42.2
HLID	Hailey	94.78 47 P	P	P	16 37 40.1 +0.5
HRA	Herat	94.99 304 P	P	P	16 37 40.0 -0.8
HRA	baz=267, SNR=17	Iamb	Iamb	Iamb	16 38 20.5
MSO	Missoula	95.29 44 P	P	P	16 37 43.7 +1.9
214A	Organ Pipe Nat	95.37 59 P	P	P	16 37 43.3 +0.9
WALA	Waterton Lakes	95.41 41 P	P	P	16 37 41.2 -1.1
WALA	baz=266, SNR=133	Iamb	Iamb	Iamb	16 37 45.0
YKA	Yellowknife Ar	95.52 28 P	P	P	16 37 42.2 -0.1
YKA	baz=269, SNR=71	P	P	P	16 38 23.4 +0.2
YKA	baz=269, SNR=10	P	P	P	16 41 35.5 +0.2
YKA	baz=265, SNR=6	P	P	P	16 42 21.1 -0.4
YKA	baz=269, SNR=11	P	P	P	16 54 33.0 -2.8
DUG	Dugway, Tooele	95.80 50 P	P	P	16 37 44.5 +0.2
ELIB	Princess Elisa	96.26 194 P	P	P	16 37 44.9 -0.9
ELIB	ELIB	16 38 25.1 -0.1			
ELIB	ELIB	16 41 46.7 +0.6			
LRM	Limekiln Ridge	96.28 45 P	P	P	16 37 46.5 0.0
BELA	Belgrano 2	96.34 178 P	P	P	16 37 44.9 -1.0
WUAZ	Wupatki	96.74 55 P	P	P	16 37 47.7 +1.0
SVE	Sverdllovsk	96.84 326 P	P	P	16 37 46.6 -1.8
SVE	SVE	16 48 07.8 -2.0			
SVE	SVE	16 37 49.6 +0.7			
BOZ	Bozeman (W)	96.85 45 P	P	P	16 37 49.6 +0.7
Q16A	Castles Valley	97.02 52 Iamb	Iamb	Iamb	16 37 55.2
TUC	Tucson	97.11 58 P	P	P	16 37 52.1 +1.7
LP1G	La Paz	97.14 66 LR	LR	LR	17 15 10.8
AB31	Akbulak array	97.23 319 P	P	P	16 37 47.9 -2.5
ABKAR	Akbulak array	97.23 319 P	P	P	16 37 48.9 -1.5
WSAR	Wadi Sarin	97.53 293 LR	LR	LR	17 24 03.8
H17A	Grant Village	97.58 46 P	P	P	16 37 52.9 +0.5
ARU	Arti	98.00 326 P	P	P	16 37 51.8 -1.8
ARU	baz=271, SNR=106, SNR=22	P	P	P	16 41 56.7 +2.2
ARU	baz=271, SNR=106, SNR=22	P	P	P	16 54 27.9 -1.1
ARU	Arti	98.00 326 P	P	P	16 37 51.3 -2.3
ARU	Arti	98.00 326 P	P	P	16 37 52.3 -1.3
ARU	Arti	98.00 326 P	P	P	16 37 52.3 -1.3
W18A	Petrified Fore	98.07 55 P	P	P	16 37 55.8 +1.1
EGMT	Eagleton	98.16 42 P	P	P	16 37 55.2 +0.5
BW06	Boulder Array	98.31 48 P	P	P	16 37 55.9 +0.2

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PDAR	Pinedale Array	98.31 48 P	P	P	16 37 54.9 -0.8
PDAR	baz=2.8, 6nm, 0.7s, baz=243, slow=2.3, SNR=5.1	PP	PP	PP	16 41 55.6 -2.1
PDAR	comp=Z, 2.9nm, 1.1s, baz=274, slow=4.2, SNR=4.0	PKKPbc	PKKPbc	PKKPbc	16 54 27.4 -0.5
PDAR	comp=Z, 0.7nm, 0.5s, baz=101, slow=5.8, SNR=6.6	LR	LR	LR	17 16 20.7
PDAR	comp=Z, 2.1um, 21.8s, baz=266, slow=32	LR	LR	LR	17 16 20.7
PDAR	Pinedale Array	98.31 48 P	P	P	16 37 54.6 -1.1
GEYT	Alibeck	98.46 307 P	P	P	16 37 55.8 -0.5
GEYT	comp=Z, 7.8nm, 1.1s, baz=12, slow=2.1, SNR=7.1	PP	PP	PP	16 41 53.3 -5.4
GEYT	comp=Z, 7.5nm, 1.1s, baz=53, slow=5.6, SNR=3.9	PP	PP	PP	16 37 52.6 -3.3
ALMTO	Aktuyubinsk	98.47 320 P	P	P	16 37 57.1 +0.6
RLMT	Red Lodge	98.52 45 P	P	P	16 37 52.6 -3.3
MVCO	Mesa Verde	99.10 53 P	P	P	16 37 59.9 +0.5
O20A	White River Ci	99.30 50 P	P	P	16 38 01.0 +0.8
121A	Cookes Peak, D	99.65 58 P	P	P	16 38 03.4 +1.6
NVL	N'Azarevskaya	99.66 192 P	P	P	16 37 58.5 -2.3
NVL	comp=Z, 22nm, 1.2s	MLR	MLR	MLR	17 34 41.3
TROLL	Troll, Antarti	100.25 189 P	P	P	16 38 03.1 -0.6
Y22F	IRIS PASCALI	100.38 57 P	P	P	16 38 06.8 +1.7
Y22F	Pascal Instru	100.38 57 P	P	P	16 38 06.4 +1.4
S22A	4UR Ranch, Cre	100.43 53 P	P	P	16 38 05.3 0.0
K22A	Casper	100.55 48 P	P	P	16 38 06.2 +0.7
LAO	LASA Array	100.59 44 P	P	P	16 38 06.2 +0.7
LAO	LASA Array	100.59 44 P	P	P	16 38 06.4 +0.9
ANMO	Albuquerque	100.76 56 P	P	P	16 38 08.6 +1.9
ANMO	Albuquerque	100.76 56 P	P	P	16 38 07.7 +1.0
N23A	Red Feather La	101.04 50 P	P	P	16 38 08.8 +0.9
SNA4	Sanae	101.29 187 P	P	P	16 38 07.8 -0.4
ISCO	Idaho Springs	101.33 51 P	P	P	16 38 10.8 +1.5
ISCO	Idaho Springs	101.33 51 P	P	P	16 38 09.6 +0.3
SDCO	Great Sand Dun	101.48 53 P	P	P	16 38 11.7 +1.7
SDCO	Great Sand Dun	101.48 53 P	P	P	16 38 11.0 +1.0
MNTX	Cornudas Mount	101.69 59 P	P	P	16 38 13.2 +2.5
MNTX	Cornudas Mount	101.69 59 P	P	P	16 38 12.7 +2.0
Q24A	Divide	101.72 52 P	P	P	16 38 12.8 +1.8
DGM	Dagmar	101.85 42 P	P	P	16 38 12.3 +1.3
RSSD	Black Hills	102.28 46 P	P	P	16 38 13.8 +0.5
RSSD	Black Hills	102.28 46 P	P	P	16 38 14.6 +1.2
T25A	Trinidad	102.37 53 P	P	P	16 38 15.2 +1.3
VNA3	Neumayer Olymp	102.43 185 P	P	P	16 38 12.6 -0.6
VNA2	Neumayer-Watz	102.51 186 P	P	P	16 38 13.3 -0.2
KIRV	Kirov	102.69 329 P	P	P	16 38 14.3 -0.1
VNA1	Neumayer-Stat	102.86 186 P	P	P	16 38 15.3 +0.2
TXAR	Lajitas Array	103.19 61 P	P	P	16 38 18.7 +1.2
TXAR	comp=Z, 6.7nm, 1.3s, baz=260, slow=5.0, SNR=9.0	PKKPbc	PKKPbc	PKKPbc	16 42 36.3 -0.1
TXAR	comp=Z, 2.4nm, 1.1s, baz=253, slow=3.2, SNR=9.5	PKKPbc	PKKPbc	PKKPbc	16 54 10.0 -3.2
PRGR	Pergomere	103.91 332 P	P	P	16 38 17.1 -2.7
PRGR	comp=Z, 5.1nm, 0.9s	PMAX	PMAX	PMAX	16 38 22.4 +0.9
VOI	Vohtsoka	104.04 246 P	P	P	16 38 23.5 -0.3
BELG	Belogoroyne	104.76 323 P	P	P	16 38 23.5 -0.3
MAK	Makhachkala	106.26 313 P	P	P	16 38 27.2 -3.5
MAK	MAK	16 45 09.3			
MAK	MAK	16 48 50.0			
MAK	MAK	16 49 42.4			
MAK	MAK	16 52 14.8 -3.7			
MAK	MAK	16 57 45.9 -0.4			
MAK	MAK	17 01 48.8			
ADZR	Andzero	106.43 336 P	P	P	16 38 27.8 -3.2
ADZR	comp=Z, 27nm, 1.3s	PMAX	PMAX	PMAX	16 38 44.8 +1.2
APA	Apatity	106.78 340 P	P	P	16 38 44.8 +1.2
APA	comp=Z, 13nm, 1.1s	MLR	MLR	MLR	16 38 29.5 -4.0
KLMR	Klimovskoe	106.97 332 P	P	P	16 38 29.5 -4.0
KLMR	KLMR	16 38 33.7			
KLMR	KLMR	16 42 40.6 -1.6			
KLMR	KLMR	16 42 57.2 -4.1			
KLMR	KLMR	16 46 00.9 -1.5			
KLMR	KLMR	16 57 54.3 -0.5			
KLMR	KLMR	16 57 54.3 -0.5			
KLMR	KLMR	16 38 29.4 -4.0			
KLMR	KLMR	16 42 57.1			
KLMR	KLMR	16 57 54.3 -0.5			
ULM	Lac du Bonnet	106.98 39 P	P	P	16 38 32.8 -1.0
ULM	comp=Z, 5.1nm, 1.0s, baz=323, slow=4.5, SNR=3.5	PKKPbc	PKKPbc	PKKPbc	16 53 59.6 -2.7
ECSO	EROS Data Cent	107.66 46 P	P	P	16 42 44.3 +0.2
ARCS	ARCS Array B	108.24 343 P	P	P	16 38 38.6 -0.3
ARCS	comp=Z, 7.5nm, 1.0s, baz=38, slow=6.1, SNR=8.9	PKKPbc	PKKPbc	PKKPbc	16 42 44.9 +0.5
DAG	Danmarks Havn	108.93 358 P	P	P	16 42 44.5 -0.5
TUL1	Leonard	109.39 34 P	P	P	16 42 46.6 -0.9
KIV	Kislovodsk	109.56 315 P	P	P	16 38 43.1 -2.4
KIV	KIV	16 43 19.4			
KIV	KIV	16 52 48.8 -2.8			
KIV	KIV	16 58 27.9 -1.3			
MOS	Moscow	109.61 328 P	P	P	16 38 43.4 -1.9
MOS	comp=Z, 36nm, 1.2s	PMAX	PMAX	PMAX	16 42 47.7 -0.9
SPMN	Marine on St.	110.06 44 P	P		

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

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10d 18h

Table with columns: MRKS, Merk, 3.15 356 Pg, Pb, 18 07 22.3 -2.4, NWLT Taipei, etc. Lists various station data for the 10d 18h period.

TAP 10 18:25:09.3, 24.76N: 122.26E, h79km, ML3.2, C
JMA 10 18:25:09.8, 0.1, 24.7N: 0.5, 122.2E: 0.2, h74km, 1km,
MV2. 1/9, TAIWAN REGION

ISC 10 18:25:10.5, 1.3, 24.71N: 0.04, 122.26E: 0.03, h68km, 8km,
n97, c0879/156, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the ISC 10 18:25:10.5 event.

2016 DEC

Main table listing station data for December 2016, including columns for station name, coordinates, and time/residual values.

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Table with columns: SMLT, Sun Moon Lake, 1.49 237 eP, Pn, 18 25 36.2 +0.8, etc. Lists station data for the 774 event.

IDC 10 18:32:35.3, 2.0, 10.45S: 161.41E, h0km, mb3.5/4,
mbtmp3.5/4, Error ellipse: s-maj=45.1km s-min=32.3km
az=129.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the IDC 10 18:32:35.3 event.

NEIC 10 18:38:34.5, 1.3, 36.54N: 0.01, 98.97W: 0.02, h5km, 1km,
Error ellipse: s-maj=3.7km s-min=2.0km az=119.0

TUL 10 18:38:34.9, 1.1, 36.54N: 0.02, 98.97W: 0.02, h7km, 3km,
ML3.2, mb_Lg3.2/86(NEIC), Error ellipse: s-maj=3.0km
s-min=1.7km az=123.0

ANF 10 18:38:35.0, 0.8, 36.53N: 98.98W, h9km, 6km, ML4.0/10,
Error ellipse: s-maj=5.4km s-min=3.8km az=96.0

ISC 10 18:38:34.6, 0.8, 36.54N: 0.03, 98.97W: 0.03, h13km, 6km,
n122, c126/125, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station data for the ISC 10 18:38:34.6 event.

10d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Cape Leeuwin H, Alice Springs, Warramunga Arr, Vanda.

IDC 10 19:04:26.2, 1.2, 43.54N, 105.38W, h0km, mb4.0/6, mbtmp3.8/11, ML3.1/4, MS2.9/4, Error ellipse: s-maj=26.4km s-min=7.4km az=152.0

NEIC 10 19:04:28.4, 1.1, 43.76N, 105.32W, 0.06, h0km, 2km, ML3.6/5.4, Error ellipse: s-maj=9.2km s-min=6.5km az=337.0

ISC 10 19:04:27.0, 0.7, 43.75N, 105.35W, 0.06, h0km, n57, c098/56, mb4.0/5, Wyoming

Main table for 10d 19h section, listing various stations and their parameters. Includes stations like Black Hills, Casper, Pilot Hill, Rawlins, Red Feather La, LASA Array, Red Lodge, Boulder Array, Pinedale Array, Grant Village, Flag Ranch, Eagle Creek, Red Mountain, Divide, Bozeman (W), Hardware Ranch, Kaye Shedlock, Eagleton, Hansel Valley, Paradox Valley, Carpenter Rig, Great Sand Dunes, 4UR Ranch, EROS Data Cent, Hailey, Dugway, Tooele, Miesha Verde, Elko, Waterton Lakes, Agassiz Nation, LAC DU BONNET, Lac du Bonnet, ARCESS Array B, FINESS Array B, Zalesovo Beam, Songjino Array, Makanchi Array.

KRNET 10 19:06:41.6, 0.1, 41.87N, 80.22E, h20km, mb2.9
NNC 10 19:06:41.7, 1.2, 41.85N, 80.23E, h0km, mb3.1, mpv2.9
Error ellipse: s-maj=7.6km s-min=7.0km az=127.0
SOME 10 19:06:41.2, 4.1, 83N, 80.20E, h10km

2016 DEC

Main table for 2016 DEC section, listing stations and their parameters. Includes stations like Shalkode, Poddogoye, Taragay, Zhnishke, Kottek, Anan'yev, DJR, KOTS, MDOK, TNSN, ARXS, CHKK, NRRN, KUU, MK31, KHZ, KAHUTARA.

NOU 10 19:01:01.4, 42.55S, 173.84E, h3km, MLV3.8/6, South Island, New Zealand
WEL 10 19:01:04.0, 0.0, 4.42, S, 3, 17, 4E, h9km, 3km, M3.1/26, ML3.2/13, MLv3, 12v, Error ellipse: s-maj=0.0km s-min=124.4, com med
ISC 10 19:01:01.9, 1.4, 42.51S, 173.85E, 0.04, h7km, 11km, n55, c102/59, South Island

776

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Greta Valley S, Blackbirch Sta, Cape Campbell, Tuohae, Tuamarina, Amberley, Lake Taylor, Tory Channel, Okains Bay, South Karori, Matakiti Terra, Wellington, Queen's Vall, Moikau Station, Akaroa Harbour, Oxford, Takaka Hill, Panuiwai Farm, Cannon Point, Denniston Nort, D'Urville Isla, Rakaia, Travelers, Inghobnie, Kapiti Island, Mount Morrison, Quartz Range, Quartz Range, Mount Hutt, Otaki Gorge, Holdsworth Sta, Wakanui South, Te Maipa, Mangatāinoka R, Pukekohe, Rata Peaks, Arundel, Birch Farm, Gaunt Creek Bo, Timaru, Inghobnie, Lake Benmore, Otahua Downs, Otahua Downs, Vera Road, Mount Hutt, Matea Rd, Earnscleugh, Tuapeka, Scrubby Hill, Pakihiroa.

IDC 10 19:10:09.8, 1.4, 11.15S, 161.70E, h0km, mb3.7/8, mbtmp3.8/9, ML4.4/1, Error ellipse: s-maj=34.3km s-min=27.1km az=140.0

NEIC 10 19:10:12.7, 1.3, 11.03S, 161.66E, 0.1, h10km, 1km, mb4.3/10, Error ellipse: s-maj=22.2km s-min=12.0km az=70.0

ISC 10 19:10:14.8, 0.7, 11.06S, 161.66E, 0.1, h28km, n24, c086/25, mb3.9/12, Bougainville-Solomon Islands region

Main table for 776 section, listing stations and their parameters. Includes stations like Honiara, Warramunga Arr, Honiara, Koumang, New Ca, Mont Dzumak, Charted Tower, Eidsvold, Pohnpei, Coen, Warramunga Arr, Warramunga Arr, Warramunga Arr, Alice Springs, Kunurra, Vanda, Chiam Mal Arr, Songjino Array, Yakutsk, Big River Lodg, Indian Mount, Eielson Array, Beaver Creek A, Mins Array, Makanchi Array.

IDC 10 19:13:27.3, 1.4, 10.61S, 161.44E, h0km, mb4.0/8, mbtmp4.0/8, MS3.4/3, Error ellipse: s-maj=33.3km s-min=27.2km az=143.0

NEIC 10 19:13:33.8, 1.2, 10.56S, 161.3E, 0.1, h35km, 2km, mb4.5/16, Error ellipse: s-maj=21.4km s-min=10.6km

ISC 10 19:13:33.0, 0.7, 10.60S, 161.4E, 0.1, h35km, n33, c150/33, mb4.1/14, Bougainville-Solomon Islands region

Main table for 776 section, listing stations and their parameters. Includes stations like Honiara, Honiara, LIFOU, Mont Dzumak, Charters Tower, Charters Tower, Pohnpei, Eidsvold, Warramunga Arr.

Table with columns: ARBS, La Rabassa, 1.53 117, P, Pn, 20 03 52.7 +0.5, 20 04 13.2 +1.0, MONQ, Montcuq, 1.63 41, Pn, Pn, 20 03 53.6 +0.2, etc.

Table with columns: QUIF, Quistin, 5.17 338, ePn, Pn, 20 04 41.9 -0.2, GRR, Gorron, 5.26 356, ePn, Sn, 20 04 43.2 0.0, etc.

ADC 10:20:08:05.0:0.6, 10:53Sx161.39E, h0km, mb4.5/25, mbmp4.5/28, ML2, 1/1, MS4, 0/15, Error ellipse: s-maj=16.7km s-min=12.9km az=95.0

ISC-EH 10:20:08:11.2, 10:59S;161.31E, h42km, 1km, Error ellipse: s-maj=4.0km s-min=3.2km az=140.0

Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC, HNR, Honiara, 1.74 310, Pn, Pn, 20 08 38.3 -0.7, etc.

Table with columns: KAPI, Kappang, 41.50 274, LR, LR, 20 03 23.8, MPSI, Mapaga, 42.57 282, P, P, 20 16 01.6 -1.8, etc.

10d 21h

Table of station data for 10d 21h, including columns for call sign, name, frequency, power, and other technical details.

2015 DEC

Table of station data for 2015 DEC, including columns for call sign, name, frequency, power, and other technical details.

780

Table of station data for 780, including columns for call sign, name, frequency, power, and other technical details.

Table with columns: WRA, Warramunga Arr, 26.31 165, P, P, 21 22 46.0 0.0, comp=2.0,9nm,0.5s,baz=343,slow=10,SNR=34

IDC 10 21:17:47.92.5.10,77Sx161.67E,h0km,mb3.7/3, mbtmp3.8/4,ML4.0/1,Error ellipse: s-maj=55.8km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, HNR Honiara, 2.15 308, Pn, P, 21 18 26.2 +1.1

IDC 10 21:29:04.9.2.8,10.87S,161.04E,h0km,mb3.8/4, mbtmp3.8/4,MS3.5/1,Error ellipse: s-maj=58.5km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, HNR Honiara, 1.78 323, Pn, P, 21 29 37.3 +0.3

IDC 10 21:35:41.0.1.7,31.78S,178.19W,h0km,mb3.8/3, mbtmp3.8/3,Error ellipse: s-maj=52.3km s-min=37.1km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ASAR Alice Springs, 42.89 269, P, P, 21 43 41.0 +0.4

NOU 10 21:42:01.9,42.75S,173.92E,h21km,MLv4.0/7, South Island, New Zealand

WEL 10 21:42:06.7,0.4,42.2S,2.2E,17.4E1,h10km,3km,M3.3/25, ML3.5/13,MLv3.3/25,Error ellipse: s-maj=0.0km

ISC 10 21:42:05.0.1.0,42.31S,0.03x173.84E,0.04,h10km,n43, 0.079/47, South Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, KHZ Kahutara, 0.24 245, P, P, 21 42 12.0 +2.0

Table with columns: WVZ Waitaha Valley, 2.41 250, P, Pn, 21 42 44.7 +0.3, BFZ Birch Farm, 2.43 49, P, Pn, 21 42 43.6 -1.2

NEIC 10 21:55:08.8.1.4,11.08S,0.07x161.9E,0.1,1h16km,6km, mb4.3/13,Error ellipse: s-maj=20.7km s-min=7.4km

NOU 10 21:55:09.2,10.31S,162.62E,h105km,mb4.5/6, Solomon Islands

IDC 10 21:55:13.4.6.0,11.16S,161.74E,h56km,46km,mb3.5/6, mbtmp4.0/8,ML4.6/2,MS3.5/11,Error ellipse: s-maj=44.4km s-min=21.7km az=113.0

ISC 10 21:55:11.1.0.7,11.10S,0.07x161.92E,0.10,h36km,n38, 0.124/33,mb3.9/10,MS3.4/6,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, HNR Honiara, 2.55 310, Op, P, 21 55 50.5 +0.5

CTAO Charters Tower, 17.53 237, P, P, 21 59 13.7 +0.1

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, PATS Pohnpai, 18.18 348, P, P, 21 59 19.1 -1.6

STKA Stephens Creek, 27.92 219, LR, LR, 21 11 38.4

WRA Warramunga Arr, 27.96 248, P, P, 22 00 57.1 -1.4

WRA Warramunga Arr, 27.96 248, P, P, 22 00 57.1 -1.4

ASAR Alice Springs, 29.45 241, P, P, 22 01 10.3 -1.4

ASAR Alice Springs, 29.45 241, P, P, 22 01 10.3 -1.4

BBDO Buckleboo, 32.12 224, P, P, 22 01 34.4 -0.8

KNRA Kouroua, 32.55 256, P, P, 22 01 35.5 -0.6

FITZ Fitzroy Crossi, 35.74 254, P, P, 22 02 05.4 -1.4

MORW Morawa, 46.32 240, P, P, 22 03 32.8 -1.0

PPT Papeete, 47.33 104, LR, LR, 22 20 57.0

SONM Songino Array, 76.53 325, P, P, 22 06 56.8 -0.9

SONM Songino Array, 76.53 325, P, P, 22 06 56.8 -0.9

SONM Songino Array, 76.53 325, P, P, 22 06 56.8 -0.9

QSPA South Pole Qui, 78.90 180, P, P, 22 07 11.3 +0.7

QSPA South Pole Qui, 78.90 180, P, P, 22 07 11.3 +0.7

IMAR Indian Mountain, 83.52 17, P, P, 22 07 35.6 +0.7

ILAR Eleison Array, 84.79 20, P, P, 22 07 41.8 +0.5

NVAR Mina Array Bea, 88.94 51, P, P, 22 08 03.4 +0.9

MKAR Makanchi Array, 91.01 317, P, P, 22 08 11.2 -0.4

ESDC Sonsega Array, 148.90 339, PKPbc, PKPbc, 22 14 55.8 +0.3

IDC 10 22:06:12.7.3.2,10.84S,161.31E,h0km,mb3.6/3, mbtmp3.6/3,MS3.4/3,Error ellipse: s-maj=61.9km

s-min=31.9km az=84.0,Bougainville-Solomon Islands region

IDC 10 22:08:36.9.0.7,21.50N,120.73E,h0km,mb4.0/17, mbtmp4.0/17,MS3.5/10,Error ellipse: s-maj=24.1km

s-min=15.1km az=68.0, BJI 10 22:08:37.0.0.2,21.52N,120.51E,h10km,mb4.2/30, mb4.6/19,ML4.0/4,Ms4.1/14,Ms7.3/9/16

NEIC 10 22:08:38.8.1.3,21.56N,0.06x120.63E,0.1,h10km,1km, mb4.4/45,Error ellipse: s-maj=12.9km s-min=9.9km az=118.0

Table with columns: TWK1, baz=16, iS, Sb, 22 08 59.0 +3.6, TWKBT Hengchun, 0.46 28, iP, Pn, 22 08 51.2 +0.1

FWZ Fata Peaks, 2.43 49, P, Pn, 21 42 43.6 -1.2

RPZ Rata Peaks, 2.46 235, P, Pn, 21 42 43.6 -1.2

AGCZ Arundel, 2.54 229, P, Pn, 21 42 45.3 -0.9

GCST Gaunt Creek Bo, 2.77 248, P, Pn, 21 42 50.1 +0.8

TMZ Timaru, 2.92 224, P, Pn, 21 42 50.9 -0.7

KHEZ Kahui Hut, 3.02, 3, P, Pn, 21 42 53.5 +0.7

FOZ Fox Glacier, 3.20 246, P, Pn, 21 42 55.6 +0.4

LDZ Lake Benmore, 3.38 231, P, Pn, 21 42 57.4 -0.3

OBZ Otaheua Downs, 3.58 219, P, Pn, 21 42 59.6 -0.9

BKZ Black Stump Fm, 3.73 34, P, Pn, 21 43 03.8 +1.1

HAZ Hauriiti, 3.87, 3, P, Pn, 21 43 06.9 -2.4

EAZ Earnscleugh, 3.93 227, P, Pn, 21 43 10.9 -0.7

SMST Manzhou Townsh, 0.54 26, iP, Pn, 22 08 52.0 -0.1

SMST Manzhou Townsh, 0.54 26, iP, Pn, 22 08 52.0 -0.1

SLIU Shizi, 0.71 16, iP, Pn, 22 08 54.4 -0.2

SLIU Shizi, 0.71 16, iP, Pn, 22 08 54.4 -0.2

SCZT Fangliu, 0.83 2, iP, Pn, 22 08 56.1 -0.1

SCZT Fangliu, 0.83 2, iP, Pn, 22 08 56.1 -0.1

SCZT Dawu Township, 0.85 19, iP, Pn, 22 08 55.5 -1.0

TAWH Dawu Township, 0.85 19, iP, Pn, 22 08 55.5 -1.0

TAWH Dawu Township, 0.85 19, iP, Pn, 22 08 55.5 -1.0

TAWH Dawu Township, 0.85 19, iP, Pn, 22 08 55.5 -1.0

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TAWH Dawu Township, 0.85 19, iP, Pn, 22 08 55.5 -1.0

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TAWH Dawu Township, 0.85 19, iP, Pn, 22 08 55.5 -1.0

TAWH Dawu Township, 0.85 19, iP, Pn, 22 08 55.5 -1.0

TAWH Dawu Township, 0.85 19, iP, Pn, 22 08 55.5 -1.0

TAWH Dawu Township, 0.85 19, iP, Pn, 22 08 55.5 -1.0

TAWH Dawu Township, 0.85 19, iP, Pn, 22 08 55.5 -1.0

10d 22h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like WSF, WDLH, WTK, etc.

2016 DEC

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like GYA, JNU, DAV, etc.

782

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like NRIK, ABKAR, STKA, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like LBZ Lake Benmore, ODZ Otahua Downs, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like LPAZ La Paz, CPUP Villa Florida, etc.

IDC 10 23:00:03.4 1.1, 10:50S:161.35E, h0km, mb3.9/7, mbmp3.9/8, MS3.5/5, Error ellipse: s-maj=26.3km, s-min=24.8km az=29.0

NEIC 10 23:00:07.3 1.1, 10:55S:0.1x161.41E:0.09, h22km, 5km, mb4.3/13, Error ellipse: s-maj=17.5km s-min=12.2km az=180.0

ISC 10 23:00:11.2 0.8, 10:53S:0.08, 161.25E:0.10, h61km, n31, e1901/29, mb4.0/12, Bougainville-Solomon Islands region

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

THE 10 23:02:10.9, 40:04N:19:97E, h2km, ML2.3/7, Error ellipse: s-maj=9.9km s-min=0.3km az=45.0

TIR 10 23:02:11.2, 40:02N:20:05E, h5km, 5km, Md3.1, M2.5, ATH 10 23:02:11.2, 40:05N:19:94E, h4km, 31km, ML2.3/4, Error ellipse: s-maj=31.6km s-min=1.3km az=0.0

ISC 10 23:02:11.2 1.1, 40:03N:0:02, 19:97E:0:02, h5km, 9km, n44, e065/62, Albania region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like SRN Sarande, KASA Kasiopi, etc.

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

SCTE Santa Cesarea 1.16 273 P Pg 23 02 32.7 -0.7

CHR Ohrid 1.25 30 P/Pn 23 02 35.5 +0.1

FNA Florina 1.31 64 P Pg 23 02 36.2 -0.5

TSK Tsoukalades, L 1.31 156 P Pg 23 02 35.4 -0.8

TSK Tsoukalades, S 1.31 156 P Pg 23 02 34.6 +0.6

TSK Tsoukalades, L 1.31 156 P Pg 23 02 35.1 -0.1

TIR Tirane 1.32 56 P Pg 23 02 35.4 -0.9

LKD Lefkada island 1.35 157 P Pg 23 02 36.2 -0.5

LKD Lefkada island 1.35 157 P Pg 23 02 35.2 +0.3

KZN Kozani 1.41 78 P Pg 23 02 37.6 +0.1

EVGI Likedani island 1.50 159 P Pg 23 02 38.2 -0.6

FHK Fikardo 1.63 164 P Pg 23 02 41.8 -0.1

THL Klokotos Trika 1.64 106 P Pg 23 02 41.8 +0.7

KEF4 Kefalonia 1.80 169 P Pg 23 02 43.6 +0.8

KEF3 Kipouria Keph 1.85 171 P Pg 23 02 43.9 +0.5

PVO Paravola 1.85 139 P Pg 23 02 44.8 -0.8

VLS Valsamata 1.91 165 P Pg 23 02 44.5 +0.2

PSDa Passada-Kefalo 1.97 166 P Pg 23 02 45.5 +0.3

GRG Griva 2.07 63 P Pg 23 02 47.7 +1.1

IRF Ierapetra Chora 2.07 136 P Pg 23 02 48.4 +1.1

EPF Epafio 2.19 136 P Pg 23 02 49.3 +1.1

RIS Rioulos of Patr 2.29 149 P Pg 23 02 50.1 +0.5

STL Stip 2.36 45 P/Pn 23 02 55.8 -0.8

DRO Drossia 2.48 146 P Pg 23 02 52.2 +0.1

KAL Kalavryta, Ach 2.61 139 P Pg 23 02 54.6 +0.5

NEO Neokhori 2.61 105 P Pg 23 02 54.9 +0.9

NEIC 10 23:20:14.6 2.3, 6:25S:0.1x112:0E:0.1, h594km, 10km, mb4.1/9, Error ellipse: s-maj=19.8km s-min=14.5km az=103.0

IDC 10 23:20:15.2 1.7, 6:03S:112:09E, h601km, 33km, mb3.0/10, mbmp4.0/11, Error ellipse: s-maj=40.3km s-min=14.7km az=54.0

ISC 10 23:20:14.6 0.6, 6:13S:0.09, 112:1E:0.1, h600km, n27, e091/27, mb3.8/13, Jawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like UGM Wanagama, JAGI Jagaj, Banyuwa, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like ILAR Eielson Array, INK Yellowknife Ar, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like LL1C La Loma 1 Cana, VILC Villavicencio, PTGC Puerto Gaitan, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like ILAR Eielson Array, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like TKGZ Te Karaka, MWZ Matawai, TWGZ Tauwhareparae, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like ANIL Santa Ana, PRAC Prado, ORTC Ortega, Tolima, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like KSP Ksiaz, OSTC Ostas, UPC Upipe, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like MXZ Matakaoa Point, WMGZ Waioomatatini S, PKGZ Pakihiroa, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like ANIL Santa Ana, PRAC Prado, ORTC Ortega, Tolima, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like KSP Ksiaz, OSTC Ostas, UPC Upipe, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like WHRZ Whale Island, RIGZ Rimuhau, RAGZ Rawiri, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like ANIL Santa Ana, PRAC Prado, ORTC Ortega, Tolima, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like KSP Ksiaz, OSTC Ostas, UPC Upipe, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like ARHZ Aropoanui, KUZ Kuaotunu, ETXZ Black Stump Fm, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like ANIL Santa Ana, PRAC Prado, ORTC Ortega, Tolima, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like KSP Ksiaz, OSTC Ostas, UPC Upipe, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like BARC Barichara, PAMC Pampiona, Colo, BRRR Barranca, Sant, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like ANIL Santa Ana, PRAC Prado, ORTC Ortega, Tolima, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like KSP Ksiaz, OSTC Ostas, UPC Upipe, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like RUSC La Rusia, TAMC Tame, Arauca, PTBC PUERTO BERRIO, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like ANIL Santa Ana, PRAC Prado, ORTC Ortega, Tolima, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, ISC, Time, Res. Includes stations like KSP Ksiaz, OSTC Ostas, UPC Upipe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like BJUU Bjuv, DEL Delary, WATA Walderalm, etc.

IDC 10 23:58:35.4, 2.21, 155x174.44W, h0km, mb4, 1/6, mbmp4, 0/6, MS3, 5/6, Error ellipse: s-maj=88.4km

ISC 10 23:58:36.6, 2.21, 21.2, 0.5, 174.4W, 0.4, h10km, n19, 0571/11, mb4, 2/6, MS3, 7/5, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like AFI Afiamalu, RAR Rarotonga, DZM Mont Dzum, etc.

IDC 10 00:01:20.3, 3.0, 37.335x179.18E, h0km, mb4, 2/2, mbmp4, 2/3, ML3, 5/1, MS3, 4/1, Error ellipse: s-maj=73.3km

NEIC 11 00:01:21.8, 1.2, 37.0S, 0.1x179.3E, 0.1, h10km, 2km, mb4, 0/7, Error ellipse: s-maj=24.7km s-min=0.3km

WEL 11 00:01:26.8, 0.9, 37.5, 4.7x179.1E, h33km, M4, 0/6, ML4, 2/50, ML4, 0/6, Error ellipse: s-maj=0.0km

s-nmin=0.0km az=85.5, confirmed

ISC 11 00:01:23.3, 2.3, 39.0S, 0.07x179.39E, 0.09, h29km, 13km, n102, 01540/103, mb4, 0/7, Off east coast of North Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like TWGZ Tauwhareparae, RWGZ Raukumara Rang, etc.

IDC 10 00:03:54.5, 1.4, 13.59N, 0.07x90.88W, 0.03, h10km, 1km, mb3, 9/7, Md4, 3(SN2), Error ellipse: s-maj=12.6km

SNET 11 00:03:55.4, 1.1, 13.56N, 90.76W, h8km, ML4, 3

INET 11 00:03:56.0, 0.8, 13.53N, 90.90W, h24km, 21km, MM4, 1

GCG 11 00:04:01.5, 0.8, 14.01N, 90.94W, h53km, 23km, MM4, 0

ISC 11 00:03:55.9, 1.7, 13.54N, 0.07x90.87W, 0.05, h29km, 13km, n65, 05777/2, mb4, 0/4, 7C-ID, Near east of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like AS31 Alice Springs, ASAR Alice Springs, etc.

NEIC 11 00:03:54.5, 1.4, 13.59N, 0.07x90.88W, 0.03, h10km, 1km, mb3, 9/7, Md4, 3(SN2), Error ellipse: s-maj=12.6km

SNET 11 00:03:55.4, 1.1, 13.56N, 90.76W, h8km, ML4, 3

INET 11 00:03:56.0, 0.8, 13.53N, 90.90W, h24km, 21km, MM4, 1

GCG 11 00:04:01.5, 0.8, 14.01N, 90.94W, h53km, 23km, MM4, 0

ISC 11 00:03:55.9, 1.7, 13.54N, 0.07x90.87W, 0.05, h29km, 13km, n65, 05777/2, mb4, 0/4, 7C-ID, Near east of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like PCG Pacaya, SULM Sultepepequez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like LFU La Fuente, LFRS El Faro, LBRB Las Brisas, etc.

IDC 11 00:11:26.3, 1.0, 10.52S, 161.35E, h0km, mb4, 1/10, mbmp4, 1/12, ML4, 0/2, MS3, 6/9, Error ellipse: s-maj=25.8km s-min=18.5km az=77.0

NEIC 11 00:11:32.1, 1.1, 10.57S, 0.09x161.3E, 0.1, h34km, 6km, mb4, 6/19, Error ellipse: s-maj=19.6km s-min=9.3km az=54.0

ISC 11 00:11:31.7, 0.7, 10.59S, 0.08x161.3E, 0.1, h35km, n52, 0566/42, mb4, 2/0, MS3, 6/8, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, El, P, I, A, M, b, S, T, R, F, Time, Res, ISC. Includes stations like MCK McKinley, IMAR Indian Moun, ILAR Eielson Array, etc.

IDC 11 00:34:05.7,0.9,11:27'S:162.21'E,h0km,mb4.1/10, mbmp4.2/12,ML4.5/2,MS3.7/18,Error ellipse: s-maj=26.6km s-min=20.1km az=111.0 NEIC 11 00:34:12.4,1.6,11:13'S:0.09:162.0E:0.1,h29km,2km, mb4.5/19,Error ellipse: s-maj=20.2km s-min=9.2km az=58.0

ISC 11 00:34:12.4,0.6,11:18'S:0.07:162.07E:0.09,h36km,n66, 1:143/42,mb4.2/20,MS3.7/17,Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, El, P, I, A, M, b, S, T, R, F, Time, Res, ISC. Includes stations like HNR Honiara, WRA Warramunga Arr, etc.

Table with columns: TRF, Iamb, Iamb, 00 46 47.6, etc. Includes stations like IMAR Indian Moun, ILAR Eielson Array, etc.

IDC 11 00:34:51.0,2.4,7.00'S:130.06'E,h123km,25km,mb3.6/1, mbmp3.8/5,Error ellipse: s-maj=29.2km s-min=21.1km az=113.0,Banda Sea

IDC 11 00:44:49.9,2.3,11.08'S:161.24'E,h0km,mb3.5/4, mbmp3.7/5,ML4.7/1,Error ellipse: s-maj=56.4km s-min=32.7km az=120.0,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, P, I, A, M, b, S, T, R, F, Time, Res, ISC. Includes stations like SIJU Sorong, BATI Bata, WRA Warramunga Arr, etc.

ISC-EH 11 00:39:39.6,18.36'S:177.77'W,h506km,11km,Error ellipse: s-maj=10.6km s-min=6.5km az=142.0

IDC 11 00:39:40.2,1.9,18.22'S:177.94'W,h506km,23km, mb3.3/11,mbmp4.2/23,Error ellipse: s-maj=24.7km s-min=13.2km az=145.0

NEIC 11 00:39:40.8,0.9,18.3'S:0.1:177.7W:0.1,h522km,13km, mb4.2/21,Error ellipse: s-maj=20.9km s-min=17.3km az=26.0

ISC 11 00:39:39.5,0.6,18.3'S:0.1:177.91'W:0.09,h500km,n48, 0:87/49,mb4.1/21,Fiji Islands region

Main table for Fiji Islands region. Columns: Code, Station Name, Az, El, P, I, A, M, b, S, T, R, F, Time, Res, ISC. Includes stations like AFI Afiamalu, KOUNC Kouvouevu, etc.

Table with columns: Code, Station Name, Az, El, P, I, A, M, b, S, T, R, F, Time, Res, ISC. Includes stations like RONA Rosalia, WATA Walderamal, etc.

IDC 11 00:40:50.5,2.2,9.85'S:161.74'E,h0km,mb3.4/3, mbmp3.4/3,Error ellipse: s-maj=57.0km s-min=28.3km az=173.0,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, P, I, A, M, b, S, T, R, F, Time, Res, ISC. Includes stations like HNR Honiara, WRA Warramunga Arr, etc.

IDC 11 00:44:49.9,2.3,11.08'S:161.24'E,h0km,mb3.5/4, mbmp3.7/5,ML4.7/1,Error ellipse: s-maj=56.4km s-min=32.7km az=120.0,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, P, I, A, M, b, S, T, R, F, Time, Res, ISC. Includes stations like HNR Honiara, WRA Warramunga Arr, etc.

IDC 11 00:45:26.3,1.1,10.38'S:161.38'E,h0km,mb3.8/6, mbmp3.9/8,ML3.9/2,MS3.1/5,Error ellipse: s-maj=27.4km s-min=22.0km az=63.0

NEIC 11 00:45:32.3,1.2,10.6'S:0.1:161.4E:0.1,h35km,2km, mb4.5/13,Error ellipse: s-maj=25.6km s-min=12.8km az=55.0

ISC 11 00:45:31.6,0.8,10.56'S:0.09:161.4E:0.1,h35km,n38, 1:1929/30,mb4.3/11,Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, El, P, I, A, M, b, S, T, R, F, Time, Res, ISC. Includes stations like HNR Honiara, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Keanakakoi, Byron's Ledge, Halema'uma'u, etc.

11d 01:06:23.8 1.9, 37.26N, 141.82E, h0km, mb3.4/4, mbmp3.5/7, ML3.1/3, MS2.9/1, Error ellipse: s-maj=37.1km s-min=22.9km az=97.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Kawauchi, Minamisoumatoc, Fukushimafurud, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H11N3 WAKE ISLAND Hy 28.02 121 T, H11S1 WAKE ISLAND Hy 28.72 124 T, etc.

IDC 11 01:13:50.3 0.7, 6.44N, 126.97E, h0km, mb3.8/10, mbmp3.9/11, ML4.6/1, MS3.3/1, Error ellipse: s-maj=30.0km s-min=14.6km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MATI Mati, DDMF Don Marcelino, DAV Davon City (W), etc.

IDC 11 01:17:36.1 0.6, 11.12S, 162.06E, h0km, mb4.2/13, mbmp4.2/17, ML2.7/2, MS4.0/30, Error ellipse: s-maj=19.3km s-min=17.7km az=123.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PATS, COEN Coen, ARMA Armadale, etc.

IDC 11 01:17:42.0 0.4, 11.22S, 162.12E, h0km, mb3.6/10, mbmp4.0/6, ML4.6/17, MS4.0/23, 2D, Bougainville-Solomon Islands region

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

Table with columns: OHR, comp=N, 18nm, 0.7s, eLg, Lg, 01 29 57.8, OHR, Ohrid, 1.47 276 ePg, Pn, 01 29 33.1 +0.1, etc.

IDC 11 01:31:32.78.3, 20:57Sx177:80W, h536km, 76km, mb3.0/4, m1bpm3.9/5, Error ellipse: s-maj=227.4km s-min=29.3km

ISC 11 01:31:32.91.3, 20:57Sx177:90W, h2100km, n20, c280/20, mb3.6/4, Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, MSFV, Nonsavu, 4.87 307 P, P, 01 33 00.5 -1.4, etc.

ASAR Alice Springs 44.59 257 P 01 38 58.5 +1.7

WRA Warramunga Arr 44.70 262 P 01 38 58.5 +0.9

TXAR Laifan Array 87.06 57 P 01 43 21.1 +0.3

MAN 11 01:49:05.0, 6:03Nx126:68E, h199km, mb4.4, ML3.2, MS2.9

IDC 11 01:49:05.2, 1.2, 5:73N, 125:00E, h0km, mb3.3/4, m1bpm3.3/4, Error ellipse: s-maj=34.3km s-min=14.8km

ISC 11 01:49:06.2, 2.0, 6:07N, 126:16E, h12km, n11, n14, c180/21, mb3.3/4, 3C-6D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time Res, DDMP, Don Marcelino, 0.71 273jP, Pn, 01 49 22.0 0.0, etc.

IDC 11 01:51:15.4, 3.1, 11:97N, 143:61E, h51km, 47km, mb3.2/5, m1bpm3.5/6, ML3.6/1, Error ellipse: s-maj=51.9km s-min=20.6km az=102.0

ISC 11 01:51:10.2, 1.1, 12:0N, 143:7E, h25km, n9, c0543/7, mb3.5/5, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, GUMO, Guam, 1.97 36 P, P, 01 51 44.9 -0.6, etc.

IDC 11 01:57:22.8, 0.8, 25:60N, 91:58E, h0km, mb3.9/9, m1bpm3.8/11, ML4.2, MS3.6/3, Error ellipse: s-maj=36.8km s-min=14.2km az=67.0

NDI 11 01:57:27.2, 1.6, 25:73N, 91:90E, h6km, 6km, ML3.9

ISC 11 01:57:25.1, 1.4, 25:68N, 91:04, h13km, 9km, n22, c113/26, mb4.0/9, MS3.6/3, India-Bangladesh

Table with columns: Code, Station Name, Az, Phase ID, Time Res, SHL, Shillong, 0.26 116 ePg, Pn, 01 57 30.7 +0.1, etc.

MKAR Makanchi Array 22.34 343 P 02 02 23.2 +0.6

SOMN Songoing Array 24.99 24 P 02 02 49.5 +0.9

KURBB Kurchatov Arr 26.86 341 P 02 03 05.4 0.0

ZALV Zalesovo Beam 28.68 352 P 02 03 22.0 +0.4

DAV Davao City (W) 37.29 114 LR LR 02 21 37.7

SIJI Sorong 46.51 118 LR LR 02 26 59.8

EIL Elat 49.93 288 LR LR 02 29 19.9

ARCES ARCESS Array B 57.86 338 P 02 07 16.4 +0.1

WRA Warramunga Arr 61.47 133 P 02 07 40.9 -0.9

NOA NORARS Array B 63.28 328 P 02 07 53.0 -0.4

GERES GERESS Array B 63.37 314 P 02 07 54.2 0.0

ASAR Alice Springs 68.89 137 P 02 07 57.5 -0.4

NNC 11 02:13:11.6, 3.7, 43:88N, 86:07E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=32.7km s-min=25.9km az=47.0

SOME 11 02:13:18.2, 2.9, 44:00N, 85:33E, h15km, n11, n12, c13/16, 2.9, 44:00N, 01:85.8E, 01, h10km, n11, c26/26, 20, 5C-5D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ZSN, Zainan, 3.52 349 eS, Pn, 02 14 19.2 +0.0, etc.

IDC 11 02:34:19.7, 0.7, 10:57S, 7:11E, h10km, M3.6/13, DJA 11 02:34:19.7, 0.7, 10:57S, 7:11E, h10km, M3.6/13

ISC 11 02:34:20.1, 1.2, 9:65S, 01:112.79E, 0.06, h35km, n19, c1847/20, mb3.7/5, South of Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time Res, NEIC 11 02:14:05.8, 1.4, 19:44N, 0:09, 145:2E, 0.2, h200km, 8km, mb4.1/38, Error ellipse: s-maj=25.8km s-min=12.5km az=84.0

comp=2.0, 6nm, 0.4s, baz=167, slow=12, SNR=4.3

Table with columns: KNRA, Kunurra, 38.46 206 P, P, 02 21 06.5 -1.8, etc.

WRA Warramunga Arr 40.57 196 P 02 21 24.4 +0.2

WBO Warramunga Arr 40.56 196 P 02 21 25.1 -0.5

WRA Warramunga Arr 40.57 196 P 02 21 25.5 -0.1

WRA Warramunga Arr 40.57 196 P 02 21 25.6 -0.1

ASAR Alice Springs 44.24 195 P 02 21 55.4 +0.1

ASAR Alice Springs 44.24 195 P 02 21 54.2 -1.1

ZALV Zalesovo Beam 57.11 322 P 02 23 31.1 +0.2

MKAR Makanchi Array 57.58 314 P 02 23 35.1 +0.7

MKAR Makanchi Array 57.58 314 P 02 23 35.0 +0.5

O18K Koktuh Hills 58.22 31 P 02 23 38.2 -0.5

SVWZ Sparrevohn 58.41 29 P 02 23 39.4 -0.5

M20K Styx River 59.77 29 P 02 23 48.5 -0.8

J20K Nowinta River 60.00 26 P 02 23 51.2 +0.4

BRLK Bradley Lake 60.31 32 P 02 23 52.5 -0.4

KURBB Kurchatov Arr 60.42 318 P 02 23 54.2 +0.4

PPLA Purkeville 60.47 28 P 02 23 53.8 -0.3

CAST Castle Rocks 60.66 27 P 02 23 55.4 +0.1

NR1K Nori'sk 60.73 340 P 02 23 56.0 +0.4

IMAR Indian Mountain 60.74 24 P 02 23 55.9 +0.2

H21K Melozitna Rive 61.00 25 P 02 23 58.7 +1.2

BPW1 Paw Patn. Mttn. 61.31 27 P 02 23 59.9 +0.2

TRF Thorafore Mount 61.44 28 P 02 24 00.3 -0.4

KNK Knik Glacier 61.83 30 P 02 24 03.7 +0.6

SML Sawmill 61.96 30 P 02 24 03.8 -0.2

I23K Minto, Yukon-K 62.25 26 P 02 24 08.2

SCM Sheep Creek Mo 62.44 30 P 02 24 08.0 +0.7

MDM Murphy Dome 62.67 26 P 02 24 09.3 +0.6

CCB Clear Creek Bu 62.78 26 P 02 24 11.0 +0.4

H24K Noodor Dome 63.01 25 P 02 24 10.8 -0.2

TOLK Toolik Lake Re 63.08 22 P 02 24 11.8 +0.4

IL31 IL31 63.19 26 P 02 24 12.3

ILAR Eielson Array 63.19 26 P 02 24 11.6 -0.5

ILAR Eielson Array 63.19 26 P 02 24 10.8 -1.3

PAX Paxson 63.48 29 P 02 24 14.5 +0.4

N25K Chitina, Valde 63.68 30 P 02 24 16.0 +0.5

J25K Salcha River, 63.80 27 P 02 24 15.5 -0.7

J25K Sand Creek 64.30 28 P 02 24 19.7 +0.3

J26L Joseph Creek 64.56 27 P 02 24 21.3 +0.2

J26L Burnt Mountain 64.63 24 P 02 24 22.6 +1.2

I26K Coal Creek Min 64.85 26 P 02 24 21.9 -0.9

L27K Beaver Creek, 65.14 29 P 02 24 25.6 +0.7

BVAR Beaver Creek A 65.16 29 P 02 24 28.8 -0.2

BVAR Beaver Creek B 65.58 320 P 02 24 28.2 +0.4

INK Inuvik 68.88 23 P 02 24 48.8 +0.6

INK Inuvik 68.88 23 P 02 24 47.6 -0.6

A36M Sachs Harbour 71.53 19 P 02 25 04.2 0.0

ABXAK Akbulak array 72.45 317 P 02 25 09.7 -0.4

EUNU Eureka 77.05 8 P 02 25 05.5 -0.5

YKA Yellowknife Arr 77.56 28 P 02 25 38.9 -0.1

PINE Pine Mountain 79.52 47 P 02 25 49.6 -0.8

BEKR Beckworth 81.10 51 P 02 25 58.3 -0.6

ARCES ARCESS Array B 81.62 342 P 02 26 01.1 +0.2

NVAR Mina Array Bea 83.07 52 P 02 26 10.1 +0.9

NVAR Mina Array Bea 83.07 52 P 02 26 08.8 -0.4

NV11 Mina Array Sit 83.18 52 P 02 26 10.1 +0.4

BOZ Bozeman (W) 85.16 43 P 02 26 19.4 -0.1

FIAT FINESS Array S 85.99 335 P 02 26 21.2 -1.8

FINES FINESS Array B 85.99 335 P 02 26 21.6 -1.5

IDC 11 02:34:19.7, 0.7, 10:57S, 7:11E, h10km, mb3.5/5, m1bpm3.5/5, Error ellipse: s-maj=126.9km s-min=23.1km az=50.0

ISC 11 02:34:20.1, 1.2, 9:65S, 01:112.79E, 0.06, h35km, n19, c1847/20, mb3.7/5, South of Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time Res, GMJI, Gumukmas, 1.49 26 P, P, 02 34 44.2 -0.1, etc.

0.5nm,0.6s,baz=134,slow=4.2,SNR=2.2
0.5nm,0.6s

IDC 11 02:48:54.9; 1.4, 10.68S; 161.16E, h0km, mb3.9/6,
mbmp3.9/6, MS3.0/2, Error ellipse: s-maj=33.6km
s-min=24.4km az=77.0

ISC 11 02:48:56.6; 1.2, 10.7S; 161.16E, 0.2, h10km, n13,
+056R/8, mb3.7/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Honiara, Alice Springs, WAKE ISLAND Hy, etc.

IDC 11 02:50:31.6; 0.6, 5.13N; 95.86E, h0km, mb4.5/26,
mbmp4.5/27, ML4.8/1, MS4.1/68, Error ellipse:
s-maj=20.4km s-min=12.3km az=51.0

ISC-EH 11 02:50:35.2; 5.25N; 96.03E, h20km, Error ellipse:
s-maj=5.4km s-min=3.2km az=46.0

DJA 11 02:50:35.3; 0.6, 5.1N; 95.86E, h11km, 3km, M5.2/36,
mb5.7/13, mb5.0/36, MLV5.4/13, Mw(mB)5.2/13

BUI 11 02:50:35.5; 0.0, 4.97N; 96.11E, h43km, mb4.9/63,
mb5.1/41, Ms4.8/53, Ms7.4/51

NEIC 11 02:50:35.7; 1.6, 5.30N; 0.05; 96.21E; 0.05, h18km, 4km,
mb4.9/81, Error ellipse: s-maj=9.2km s-min=5.1km
az=139.0

GCMT 11 02:50:37.0; 0.3, 5.34N; 0.01; 96.26E; 0.02, h15km,
Mw5.1/80, Moment Tensor Solution. s19c23; s80c106;
Duration: 0 Moment tensor: Scale 10^16Nm; Mr:0.07; 10;
Ms:1.32; 07; Ms:1.25; 08; Ms:2.06; 26; Ms:1.71; 07;
Ms:4.36; 29; Best double couple: Ms:5.26400000;
NP1:~203.000000; s89.000000; ~166.000000. NP2:
~111.000000; s24.000000; ~177.000000. Principal axes:
T 5.0620, Plg41.0000, Azm91.0000; N 0.4070,
Plg24.0000, Azm204.0000; P -5.4660, Plg39.0000;
Azm315.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 11 02:50:38.9; 0.3, 5.23N; 0.04; 96.17E; 0.04, h29km, n304,
+195S/271, mb4.9/103, MS4.2/82, 12C-9D, Northern
Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for LHMI, MLI, MLSI, KCSI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TNCH, KKM, PCHI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for XAN, LZH, LYN, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like GROG Groznyy, BUJR Buynaksk, GUDG Gudauri, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like KBZ Shidzhatmaz, SHA1 Shidzhatmaz, KIV0 Kislovodsk Arr, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like HNR Honiara, WRA Warrungama Arr, ASAR Alice Springs, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like BSO1 Boso 1, BSO3 Boso 3, JMKM Mikurajimanish, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like WRA Warrungama Arr, ASAR Alice Springs, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like DNK 11 03:26:09.1, UPP 11 03:26:10.7, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like NC602 NORSAR Array S, NRAO NORESS Array S, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like HFS Hagfors, HFS Hagfors, FINU Finntorp, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like STRU Stroemstad, STRU Stroemstad, STRU Stroemstad, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like ODD1 Odda, ODD1 Odda, ODD1 Odda, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like HOMB Homborsund, HOMB Homborsund, HOMB Homborsund, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like ASK Askoy, ASK Askoy, ASK Askoy, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like NRTU Norrtälje, NRTU Norrtälje, NRTU Norrtälje, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like FIAO FINESS Array S, FIAO FINESS Array S, FIAO FINESS Array S, etc.

Table with columns: Station Name, Time, Res, Code. Includes stations like IDC 11 03:27:11.4, IDC 11 03:27:11.4, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Honiara, Mont Dzumac, Port Moresby, etc.

NEIC 11 03:32:25.0:0.5, 6:70S:0:07x130:5E:0:1, h147km, 7km, mb4.3/8, Error ellipse: s-maj=20.3km s-min=10.7km

DJA 11 03:32:25.6:0.3, 7:7S:2:13:1E, h147km, 6km, M4.9/15, mb5.0/10, mb5.5/8, MLV4.8/15, Mw(mb)4.9/8, MwwMwp5.3/1, Mwp5.5/1

IDC 11 03:32:26.3:2.5, 6:64S:130:40E, h94km, 23km, mb4.0/4, mbmp4.5/6, MS3.3/1, Error ellipse: s-maj=31.9km s-min=18.7km az=70.0

ISC 11 03:32:26.3:0.6, 6:68S:0:05x130:44E:0:06, h150km, n68, c=250/66, mb4.5/14, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Saumlaki, Bandanaira, Banda Sea, etc.

Table with columns: STKA, Stephens Creek, 27.15 159, P, P, 03 37 54.3 -1.4, etc. Rows include HTT, CMSA, ARPS, KLR, MKAR, ZAAO, ZALV, BRVK, etc.

IDC 11 03:36:23.0:0.9, 39:04N:74:51E, h0km, mb4.0/12, mbmp4.0/17, ML3.1/5, MS3.3/11, Error ellipse: s-maj=17.1km s-min=16.5km az=90.0

KRNET 11 03:36:25.6:0.1, 39:25N:74:39E, mb4.4, SOME 11 03:36:25.7, 39:32N:74:52E, h0km, NNC 11 03:36:25.6:1.4, 39:22N:74:56E, h0km, mb4.8, mpv4.5, Error ellipse: s-maj=12.5km s-min=7.4km az=154.0

NEIC 11 03:36:26.6:2.1, 39:23N:0:06:74:56E:0:09, h10km, 1km, mb4.6/16, Error ellipse: s-maj=12.4km s-min=8.8km az=118.0

MOS 11 03:36:28.0:1.0, 39:15N:74:54E, h43km, mb4.5/9, Error ellipse: s-maj=2.2km s-min=4.1km az=90.1

ISC 11 03:36:25.8:0.5, 39:21N:103:74:55E:0:12, h10km, n208, c=230/257, mb4.5/27, MS3.3/8, 26C-27D, Southern

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like Kashi, Osh, Osh, Karamyk, DRK, Naryn, etc.

Table with columns: TKM2, Tokmak 2, 3.79 12, P, Pn, 03 37 26.9 +2.5, etc. Rows include stations like Tokmak 2, Kastek, Osenovka, etc.

Table of astronomical observations with columns for station, object, magnitude, position, and time. Includes stations like UZB, KPKS, SHLS, PDGK, ARXS, THW, MAZ, MK31, MKAR, MKAN, WMQ, HRA, KURB, KURK, GEYT, BVAA, BVAR, BRVK, AB31, AKTO, ZAAO, ZALV, GOMU, GTA, SVE, ARU, and AKT.

Table of astronomical observations with columns for station, object, magnitude, position, and time. Includes stations like AKT, WSAR, GROG, BELG, GNI, ONI, KIV, SONM, TNCH, ULN, KIRV, HHC, CHTO, CMAR, XLT, BR131, BRTR, PALK, MALIN, NJ2, FINES, ARCES, USRK, GEC2, GERES, NOA, ESCD, KAPI, TOLK, A36M, COLD, INK, ILAR, YKA, TSMU, WRA, and ASAR.

Table of astronomical observations with columns for station, object, magnitude, position, and time. Includes stations like DZM, PMG, CTA, MTSU, RMQ, AUPHS, CMSA, INKA, CAN, STKA, WRA, AS31, ASAR, ASAR, H11S2, H11S3, H11S1, TOO, H11N1, H11N3, H11N2, MULG, FITZ, RAR, NWAO, KSRS, USA0B, USRUK, CMAR, ULN, SONM, SONM, QSPA, H02S1, ILAR, NVAR, PFL0, MKAR, IDC, ISC, Code, HNR, DZM, CTA, WRA, ASAR, SONM, MKAR, AEIC, NEIC, Code, ADK, NIKH, ANM, SII, O18K, OHAK, L19K, M20K, K20K, SKT, J20K, PPLA, CAST, RCO1, KTH, and KTH.

Table with columns: TRF, Sheep Creek, DCH, DYM, DHY, KLU, MDM, BMAR. Includes station names, times, and coordinates.

IDC 11 04:46:19.2z.1.9, 10.61Sx161.37E, h0km, mb3.9/4, mbmp3.9/5, ML3.7/1, MS3.2/4, Error ellipse: s-maj=41.6km s-min=25.0km az=68.0

ISC 11 04:46:22.7z.1.9, 10.55Sx161.0E:0.3, h35km, n13, r152/6, mb3.8/4, Bougainville-Solomon Islands region

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

IDC 11 04:53:43.5z.1.4, 11.16Sx161.17E, h0km, mb3.9/7, mbmp4.0/8, ML4.8/1, MS3.5/3, Error ellipse: s-maj=42.6km s-min=25.6km az=130.0

ISC 11 04:53:46.7z.1.0, 11.15S:0.1x161.1E:0.2, h18km, n12, r0571/13, mb3.9/7, MS3.4/3, Bougainville-Solomon Islands region

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

IDC 11 04:53:57.6z.1.0, 51.43N:178.11W, h0km, mb3.9/12, mbmp3.9/13, ML4.0/1, MS3.0/4, Error ellipse: s-maj=31.9km s-min=16.7km az=173.0

NEIC 11 04:54:03.0z.2.2, 6.5110N:02z178.0W:0.1, h47km, 19km, mb4.0/39, ML4.2/AEIC, Error ellipse: s-maj=24.7km s-min=9.1km az=173.0

AEIC 11 04:54:02.7z.2.8, 51.2N:0.2z177.9W:0.1, h26km, 8km, Error ellipse: s-maj=25.6km s-min=11.7km az=172.0

ISC 11 04:54:02.0z.0.9, 51.1N:0.1x177.9W:0.07, h34km, n73, r134/53, mb3.9/22, Andronof Islands

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

Table with columns: H21K, MA2, MLY, MCK, MCK, Denali Highway, DHY, D3K, H23K, MDM, CCB, N25K, IL31, ILAR. Includes station names, times, and coordinates.

IDC 11 05:12:58.5z.1.6, 50.8N:0.1x173.91W:0.06, h10km, 2km, mb3.5/12, Error ellipse: s-maj=21.9km s-min=5.8km az=172.0

IDC 11 05:13:02.0z.2.4, 51.41N:173.81W, h0km, mb3.4/3, mbmp3.3/4, ML3.5/1, Error ellipse: s-maj=76.0km s-min=30.1km az=3.0

ISC 11 05:13:05.4z.1.5, 51.2N:0.2z173.90W:0.07, h35km, n28, r152/29, mb3.7/4, Andronof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Lists various stations like COLD, H24K, J25K, L26K, SCRK, TOLK, J26L, A21K, BCAR, EGAK, DAWY, I29M, INK, YAK, A36M, KLR, H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, PDAR, TXAR, KURBB, KURBB, MKAR, BVAR, BVAR, FINES, BRTR, ASAR, ESDC, H03N2, H03N1, H03N3, DBIC, BOSA.

Table with columns: MKAR, Makanchi Array, 62.52 311, P, P, 05 23 25.8 +0.6. Includes station name, coordinates, and time.

IDC 11 05:15:21.1z.1.4, 11.13Sx161.06E, h0km, mb4.3/6, mbmp4.3/7, ML5.0/1, MS3.6/7, Error ellipse: s-maj=36.2km s-min=22.6km az=94.0

NEIC 11 05:15:29.7z.1.7, 11.03S:0.1x160.0E:0.2, h10km, 2km, mb4.2/14, Error ellipse: s-maj=30.2km s-min=14.4km az=105.0

NOU 11 05:15:38.7z.1.1, 11.12S:159.88E, h76km, mb4.7/8, Solomon Islands region

ISC 11 05:15:25.5z.1.3, 11.09S:0.07x160.8E:0.2, h10km, n42, r178/31, mb4.4/11, MS3.8/5, Bougainville-Solomon Islands region

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

RSPR 11 05:20:26.8, 19.45N:65.52W, h95km, 9km, MD3.9/12, NEIC 11 05:20:27.6z.1.1, 19.50N:0.08x65.61W:0.07, h36km, 43km, Error ellipse: s-maj=12.7km s-min=8.2km az=208.0

ISC 11 05:20:24.9z.1.6, 19.53N:0.08x65.56W:0.06, h16km, n46, r042/50, 13C-4D, Puerto Rico region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJG, AOPR, UPRP, etc.

Table for IDC 11 05:52:49.3:2.2, 23:27S:-179:52W, h0km, mb3.9/4, mbtm3.9/4, Error ellipse: s-maj=166.5km, s-min=33.6km az=161.0, South of Fiji Islands

Table for IDC 11 06:01:21.6:3.2, 10:57S*160:94E, h0km, mb3.4/3, mbtm3.4/3, MS3.3/1, Error ellipse: s-maj=62.8km, s-min=28.9km az=82.0, Bougainville-Solomon Islands

Table for ROM 11 06:09:04.8:0.1, 42:808N, 0:003:13:179E, 0:005, h10km, ML1.7/6, 13C-11D, Error ellipse: s-maj=0.4km, s-min=0.1km az=60.0, Central Italy

Main table for stations in the Pacific region, including HNR, WRA, ASAR, etc.

Main table for stations in the Bougainville-Solomon Islands region, including T1245, T1246, etc.

Main table for stations in the Central Italy region, including NRCA, NRCA, etc.

Main table for stations in the Kuril Islands region, including SMA1, SMA1, etc.

Table for IDC 11 06:12:39.6:4.3, 10:69S*160:14E, h0km, mb3.7/4, mbtm3.7/4, Error ellipse: s-maj=103.7km, s-min=21.4km az=105.0, Bougainville-Solomon Islands

Main table for stations in the Bougainville-Solomon Islands region, including HNR, WRA, ASAR, etc.

Table for IDC 11 06:15:55.6:0.9, 50:91N*159:88E, h0km, mb3.6/6, mbtm3.6/7, ML2.6/1, MS3.7/2, Error ellipse: s-maj=27.4km

Main table for stations in the Kuril Islands region, including KDTR, KDTR, etc.

JMA 11 05:27:08.3:0.2, 26°N, 127°12'E, h75km, 4km, MV3.3/15, NEAR MIYAKOJIMA ISLAND

Main table for stations in the NEAR MIYAKOJIMA ISLAND region, including JMA, JMA, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details for stations like SKR, KOK, PETK, etc.

ISC 11 06:23:27.2-0.7, 3'13N-65.09E, h0km, mb4.0/18, mbmp3.9/9, MS3.9/50, Error ellipse: s-maj=20.1km s-min=16.1km az=129.0

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like KAAM, MSEA, DGAR, etc.

Main table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations like MKAR, MKRAN, BRTR, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations like DZM, MARC, CTA, etc.

NEIC 11 06:27:02.4-1.4, 53'18N-0.09-166.82W, 0.08, h39km, 37km, Error ellipse: s-maj=13.6km s-min=5.0km az=159.0

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations like UNV, UNV, AKUT, etc.

MAN 11 07:08:29.7, 19.99N-121.17E, h11km, mb4.3, ML3.2, MS2.9

11d 9h

Table with columns: DGS, eS, Sn, Time, Res. Includes entries for AB31 Akbulak array and AKTO Aktyubinsk.

IDC 11 09:01:59.6:1.1, 11.02Sx161.42E, h0km, mb4.0/9, mbtmp4.1/12, ML3.3/2, MS3.3/8, Error ellipse: s-maj=26.7km s-min=19.4km az=102.0

NEIC 11 09:02:01.0:2.2, 11.05Sx0.08:161.7E:0.1, h16km, mb4.5/14, Error ellipse: s-maj=16.9km s-min=10.9km

ISC 11 09:02:03.0:0.7, 11.08Sx0.07:161.5E:0.1, h28km, n34, c130/32, mb4.1/15, MS3.5/5, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Honiara, Kouroum, Port Moresby, etc.

NNC 11 09:05:59.7:1.3, 50.31N x 173.45E, h0km, mb3.6, mpv3.3, 3C-9D. Error ellipse: s-maj=13.6km s-min=9.3km

az=130.0, Suspected Mining explosion., Central Kazakhstan

Main table for Kazakhstan region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OTUK, KURBB, BVA0, etc.

IDC 11 09:13:25.6:7.6, 19.16N x 146.12E, h0km, mb3.4/3, mbtmp3.7/5, ML3.8/2, Error ellipse: s-maj=280.5km

s-min=28.2km az=81.0, Mariana Islands region

Main table for Mariana Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JCJ, MJAR, KRSR, etc.

2016 DEC

SONM Songino Array 43.04 321 P P 09 21 26.9 -0.3

IDC 11 09:20:47.1:3.0, 10.83Sx161.75E, h0km, mb3.5/3, mbtmp3.7/4, ML4.8/1, Error ellipse: s-maj=56.0km

s-min=35.9km az=80.0, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region (continued). Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR, WRA, ASAR, etc.

IDC 11 09:31:53.7:0.6, 10.36Sx160.94E, h0km, mb4.6/29, mbtmp4.6/32, ML4.0/2, MS4.5/7, Error ellipse: s-maj=16.1km s-min=12.8km az=102.0

NOU 11 09:31:56.5, 10.40Sx160.87E, h0km, mb5.0/12, Solomon Islands

ISC-EH 11 09:31:59.9, 10.36Sx160.86E, h33km, mb5.1km, Error ellipse: s-maj=4.5km s-min=3.6km az=130.0

GCMT 11 09:31:59.9, 0.1, 10.46Sx0.01x160.84E:0.0, h15km, MW5.2/127, Moment Tensor Solution. s84,c118;

s127,c209; Duration: 0 Moment tensor. Scale 1017Nm; Mw=0.73c:01; Mw=0.73c:01; Mw=0.73c:01; Mw=0.14c:04;

Mw=0.02c:01; Mw=0.50c:05; Best double couple; Mw:0.81x100x1017 NP1:~42.00000; ~88.00000;

~146.00000. NP2:~311.00000; ~856.00000; ~2.00000. Principal axes: T 0.6600, Plg22.0000;

Azm171.0000; N 0.3010, Plg56.0000; Azm45.0000; P -0.9620, Plg25.0000; Azm272.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 11 09:32:00.8:1.9, 10.25Sx0.08:160.83E:0.10, h35km, mb4.7km, mbs:1.7/3, Mw=5.3 Error ellipse: s-maj=14.8km

s-min=9.6km az=57.0

MOS 11 09:32:00.0:1.6, 10.34Sx160.78E, h44km, mb5.2/27, Error ellipse: s-maj=10.3km s-min=8.1km az=113.9

NEIC 11 09:32:01.10, 45S:160.84E, h24km, Moment Tensor Solution. Duration: 280 Moment tensor. Scale 1017Nm;

Mw:0.11; Mw:0.11; Mw:0.82; Mw:0.65; Mw:0.05; Mw:0.12;

Fault plane solution: Mw:1.02000x1017 NP1: ~139.00000; ~861.00000; ~19.00000;

~874.00000; ~150.00000. Principal axes: T 1.1334, Plg33.0000; Azm356.0000; N -0.2991, Plg56.0000;

Azm194.0000; P -0.8342, Plg8.0000; Azm91.0000;

ISC 11 09:32:01.5:0.4, 10.83Sx0.04:160.80E:0.05, h44km, mb3.9km, mbtmp3.7/4, ML4.8/1, Error ellipse: s-maj=13.6km s-min=9.3km

az=130.0, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region (continued). Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR, HNR, HNR, etc.

IDC 11 09:32:01.5:0.4, 10.83Sx0.04:160.80E:0.05, h44km, mb3.9km, mbtmp3.7/4, ML4.8/1, Error ellipse: s-maj=13.6km s-min=9.3km

az=130.0, Bougainville-Solomon Islands region

Main table for Bougainville-Solomon Islands region (continued). Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR, HNR, HNR, etc.

800

STKA Stephens Creek 27.81 217 P P 09 37 47.5 +0.9

comp=Z,2.2um,20.6s,baz=39,slow=34

comp=Z,8.3um,0.7s

AS31 Alice Springs 28.84 239 P P 09 37 56.5 +0.5

ASAR Alice Springs 28.84 239 P P 09 37 53.9 -2.1

ASAR Alice Springs 28.84 239 P P 09 37 53.9 -2.1

ASAR Alice Springs 28.84 239 P P 09 37 58.2 +2.2

ASAR Alice Springs 28.84 239 P P 09 37 58.2 +2.2

ASAR Alice Springs 28.84 239 P P 09 38 00.1 +1.3

ASAR Alice Springs 28.84 239 P P 09 38 00.1 +1.3

ASAR Alice Springs 28.84 239 P P 09 38 00.1 +1.3

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ASAR Alice Springs 28.84 239 P P 09 38 00.1 +1.3

ASAR Alice Springs 28.84 239 P P 09 38 00.1 +1.3

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like G22K Bettles, M26K Nabesna, AK, IL31 Eielson Array, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like ARVC Arvin, DLBC Dease Lake, E27K Coleen River, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like KIV comp=Z,7.0nm,1.1s, AKASO Malin Bay, GERES GERESS Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PB04, MNMC, PB06, PB15, PB12, PB16, GO02, LPAZ, LPAZ, SIV, CFA, PTLB, VILB, SNDB, MACA, PLCA, IPMB, BDFB, BOAV, ESDC.

NOU 11 11:16:16.8,39:01S:175:29E,h11km,MLv3.6/9,North Island, New Zealand
WEL 11 11:16:16.5,0.2,39.2,17.5E,h5km,M3.4/56,ML3.6/42,MLv3.4/56,Error ellipse: s-maj=0.0km s-min=0.0km az=330

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TWZ, PKVZ, NGZ, DRV, WHZ, ETVZ, KATZ, MTVZ, WNVZ, VNZ, RAZ, MOVZ, WATZ, HIZ, HAZ, WAZ, MHZ, TLZ, LREZ, MRHZ, BKZ, PKVZ, KWHZ, NEZ, ALRZ, KHZ, PRZ, MCHZ, HLRZ, NMHZ, RRRZ, MTHZ, CMRZ, KARZ, MUGZ, WPHZ, ARHZ, POWZ, DMVZ, RTZ, RAHZ, KAHZ, PXZ, IGRZ, PRWZ, PRHZ, OPRZ, MRZ, SHGZ, URZ, ANWZ, OGWZ, TIWZ, RAGZ, WELZ, BFZ, KIW, HOWZ, MWZ, MYRZ, CPWZ, RIGZ, MKAZ, DUWZ, CAW, AWAZ, TAWZ, MTW, ETAZ, RUGZ, WTAZ, WELZ, EPAZ, HBAZ, TCWZ, NZWZ, WIAZ, TWGZ, PAWZ, MBAZ, MSWZ, TRWZ, KUZ, KUOZ, HAZ, RIVZ, PLWZ, ABWZ, TUWZ, NNZ, TKNZ, QRZ, GRZ, WMGZ.

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Table with columns: GRZ, BSWZ, MRNZ, WCZ, THZ, KHZ, DSZ, OUZ, GUVZ, LTZ, INZ, MQZ, WACZ, TMZ. Includes station names and coordinates.

IDC 11 11:17:16.3,2.2,1.16S:-126:63E,h0km,mb3.0/3,mbtmp3.1/3,Error ellipse: s-maj=173.1km s-min=28.7km az=65.0,Southern Molouca Sea

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

NEIC 11 11:22:37.0,3.26:1S:0.2:179.5E,0.1,h538km,23km,mb4.1/10,Error ellipse: s-maj=31.9km s-min=15.8km az=191.0

IDC 11 11:22:39.9,22.0,26.0S:179.30E,h568km,247km,mb2.9/5,mbtmp3.9/5,Error ellipse: s-maj=142.0km s-min=26.3km az=61.0

ISC 11 11:27:37.0,0.9,26.0S:0.2:179.5E,0.1,h550km,n20,0.68/18,mb4.0/9,South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NIUE, GVZ, LTZ, CTA, CTAO, AS31, ASAR, WRO, WBR, WRA, WBO, KNRA, FITZ, GSPA, GSPA, KSRS, NB2, NOA.

IDC 11 11:34:49.4,1.4,0.40S:134.02E,h0km,mb4.0/5,mbtmp4.0/7,ML3.8/2,MS3.2/9,Error ellipse: s-maj=32.1km s-min=18.1km az=58.0

NEIC 11 11:34:56.0,2.9,0.6S:0.1:133.8E,0.1,h30km,8km,mb4.0/11,Error ellipse: s-maj=22.2km s-min=11.6km az=131.0

ISC 11 11:34:55.9,0.9,0.52S:0.09,133.75E:0.09,h32km,n30,-1544/25,mb4.1/8,MS3.2/9,Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SIJ, FAKI, MTN, BATI, KNRA, PGM, FITZ, WRAB, WB2, WRA, WRA, WRA, WRO, WRO, CTA, AS31, ASAR, ASAR, STKA, MJAR, KSRS, CMAR, PEAB, MK31, MK31.

Table with columns: MKAR, MKAR, MAZK, MAZK, ILAR, ILAR. Includes station names and coordinates.

JMA 11 11:47:30.5,0.1,37.8N:0.7:144.4E,0.8,h32km,MV3.3/14,FAR E OFF NORTH HONSHU
IDC 11 11:47:32.5,8.0,36.56N:144.04E,h0km,mb3.4/2,mbtmp3.3/3,ML2.0/1,Error ellipse: s-maj=169.2km s-min=36.8km az=25.0

ISC 11 11:47:30.9,2.0,37.5N:0.1:144.4E:0.1,h35km,n7,0.82/10,Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JIKH, JIKH, JIO, JIO, JKMT, OFUJ, MJAR, MJAR, WRA, WRA, ASAR, ASAR.

TUL 11 11:53:32.5,1.1,36.28N:0.01:97.51W:0.01,h6km,6km,ML3.2,mb_Lg3.2/84(NEIC),Error ellipse: s-maj=1.7km s-min=1.1km az=199.0

ANF 11 11:53:32.5,1.0,36.32N:97.52W,h10km,7km,ML3.8/11,Error ellipse: s-maj=3.7km s-min=3.5km az=171.0

NEIC 11 11:53:32.8,0.9,36.28N:0.01:97.51W:0.01,h5km,7km,Error ellipse: s-maj=1.9km s-min=1.3km az=194.0

IDC 11 11:53:33.7,2.0,36.38N:97.73W,h0km,mb3.3/1,mbtmp3.1/4,ML3.0/3,MS3.3/1,Error ellipse: s-maj=30.5km s-min=12.2km az=103.0

ISC 11 11:53:32.4,1.0,36.29N:0.03:97.52W:0.02,h12km,8km,n94,-130/62,Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CROK, CROK, OK050, OK048, OK046, OK033, BLOK, GRANT, BCOK, BCOK, OK031, OK052, OK053, QUOK, QUOK, OK032, DEOK, DEOK, OK038, T35A, T35B, T35B, FNO, OK035, CSTR, NOKA, U32A, U32A, U32A, W35A, TUL1, TUL1, ELIS, X34A, X34A, WMOK, WMOK, RLO, LOOK, LOOK, R32A, R32A, X37A, X37A, X37A, X37A, Z35A, FW03, FW06, FW07, S39A, MIAR, MIAR, Z38A, Z38A, AMTX, ABTX, X40A, WHTX, MGMO, WHAR, FCAR, WLAR, UALR, Z37A, Z37A.

ISC 11 11:53:32.5,1.0,36.32N:97.52W,h10km,7km,ML3.8/11,Error ellipse: s-maj=3.7km s-min=3.5km az=171.0

NEIC 11 11:53:32.8,0.9,36.28N:0.01:97.51W:0.01,h5km,7km,Error ellipse: s-maj=1.9km s-min=1.3km az=194.0

IDC 11 11:53:33.7,2.0,36.38N:97.73W,h0km,mb3.3/1,mbtmp3.1/4,ML3.0/3,MS3.3/1,Error ellipse: s-maj=30.5km s-min=12.2km az=103.0

ISC 11 11:53:32.4,1.0,36.29N:0.03:97.52W:0.02,h12km,8km,n94,-130/62,Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CROK, OK050, OK048, OK046, OK033, BLOK, GRANT, BCOK, BCOK, OK031, OK052, OK053, QUOK, QUOK, OK032, DEOK, DEOK, OK038, T35A, T35B, T35B, FNO, OK035, CSTR, NOKA, U32A, U32A, U32A, W35A, TUL1, TUL1, ELIS, X34A, X34A, WMOK, WMOK, RLO, LOOK, LOOK, R32A, R32A, X37A, X37A, X37A, X37A, Z35A, FW03, FW06, FW07, S39A, MIAR, MIAR, Z38A, Z38A, AMTX, ABTX, X40A, WHTX, MGMO, WHAR, FCAR, WLAR, UALR, Z37A, Z37A.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries like P38A Dawn, R40A Maddies State, N35A Tabor, etc.

11d 12:01:09.1, 2.4, 22.34Sx179.84W, h578km, 28km, mb3.2/6, mbmp3.4/27, Error ellipse: s-maj=42.0km s-min=34.5km az=16.0

NEIC 11 12:01:10.5, 1.2, 22.33S:0.2x179.9W:0.2, h592km, 22km, mb4.2/20, Error ellipse: s-maj=34.3km s-min=20.8km az=192.0

ISC 11 12:01:10.4, 0.2, 22.45S:1.0x179.9W:0.1, h600km, n31, s121/32, mb4.1/16, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries like MSVF Nonsavu, NIUE Niue, MARNC Mare, Loyalty, etc.

CMAR Chiang Mai Arr 89.09 290 P P 12 13 05.0 +1.8

IDC 11 12:07:56.7, 1.9, 11.78N:90.20W, h0km, mb3.5/3, mbmp3.7/5, ML3.8/2, MS3.3/3, Error ellipse: s-maj=82.0km s-min=23.5km az=34.0

GCG 11 12:08:01.1, 3.0, 12.24N:90.63W, h0km, 668km, MD3.9, SNET 11 12:08:02.0, 0.9, 12.16N:89.94W, h30km, 76km, ML4.1

NEIC 11 12:08:02.4, 2.3, 12.20N:0.09:89.96W:0.07, h26km, 13km, mb4.2/5, Md4.1(SNET), Error ellipse: s-maj=13.8km s-min=8.8km az=214.0

ISC 11 12:08:01.7, 2.9, 12.17N:0.08:90.03W:0.07, h27km, 20km, n59, s123/64, mb3.9/6, MS3.2/3, 1C, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries like JAYA Jayaque - finc, CEVE Cerro Verde, SNET Serv Nav Est T, etc.

JTS Las Juntas de 5.32 110 Pn Pn 12 09 19.1 -0.3

JTS Las Juntas de 5.32 110 Pn Pn 12 09 26.7 +0.2

JTS Las Juntas de 5.32 110 Pn Pn 12 09 36.3 +0.4

JTS Las Juntas de 5.32 110 Pn Pn 12 09 39.2 -0.4

JTS Las Juntas de 5.32 110 Pn Pn 12 09 49.7 +3.4

JTS Las Juntas de 5.32 110 Pn Pn 12 12 52.9 +0.7

JTS Las Juntas de 5.32 110 Pn Pn 12 13 19.3

JTS Las Juntas de 5.32 110 Pn Pn 12 12 52.8 +0.4

JTS Las Juntas de 5.32 110 Pn Pn 12 13 03.6

JTS Las Juntas de 5.32 110 Pn Pn 12 12 53.6 0.0

JTS Las Juntas de 5.32 110 Pn Pn 12 13 03.7

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries like TCW Tony Channel, WEL Wellington, PLWZ Palliser, etc.

IDC 11 12:30:17.6, 1.8, 7.29S:130.54E, h0km, mb4.1/2, mbmp3.9/5, ML3.6/3, MS2.7/3, Error ellipse: s-maj=63.4km s-min=27.3km az=75.0

DJA 11 12:30:24.6, 0.2, 7.52S:131.1E, h122km, 5km, M4.3/14, mb4.2/11, m2.5, 0.6, ML4.4/14, MW1(MP)4.3/5

ISC 11 12:30:26.4, 1.0, 7.25S:105.130.63E, h0km, h78km, n16, s183/17, Tanimbar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes entries like SAUI Saumlaki, SAUI Saumlaki, MSAI Masohi, etc.

JMA 11 12:15:58.7, 0.3, 35.1N:135.2E:0.7, h393km, 2km, MV2.7/15, SE HYOGO PREF

IDC 11 12:15:59.0, 1.4, 34.59N:135.26E, h391km, 17km, mb2.5/2, mbmp3.2/5, Error ellipse: s-maj=32.8km s-min=26.8km az=35.0

ISC 11 12:15:58.6, 1.1, 34.6N:135.27E:0.08, h400km, n14, s099/19, Near south coast of western Honshu

JWA Waramunga Arr 136.77 254 PKP PKPpdf 12 27 21.2 -1.4

ASAR Alice Springs 136.82 248 PKP PKPpdf 12 27 21.3 -1.4

CMAR Chiang Mai Arr 148.31 344 PKPbc PKPbc 12 27 46.2 -0.2

NOU 11 12:26:50.1, 41.78S:174.59E, h13km, MLv4.0/8, Cook Strait, New Zealand

SOME 11 12:38:43.3, 43.45N:79.75E, h5km

NNC 11 12:38:44.6±2.9, 43.51Nn-79.64E, h0km, mpv2.6, Error ellipse: s-maj=18.7km s-min=9.4km az=83.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Includes stations like Podgornoye, Podgornoye, Uznbulak, Uznbulak, etc.

UPA 11 12:46:38.9±2.1, 7.53N-80.83W, h0km, 9km, MW4.7

IDC 11 12:46:40.7±1.3, 7.49N-81.03W, h0km, mb3.5/5, mbmp3.9/10, ML3.4/5, MS3.5/21, Error ellipse: s-maj=41.0km s-min=19.1km az=34.0

NEIC 11 12:46:45.0±1.8, 7.67N-80.05E, h0km, 0.06, h35km, 1km, mb4.5/15, Error ellipse: s-maj=12.0km s-min=5.1km az=51.0

IDC 11 12:46:40.7±1.5, 7.55N-80.83W, h0km, 10km, MW4.7

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Includes stations like Pese, Herrera, Chitre, Azuero, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Includes stations like GCUF Volcan Galeras, GARC Garzon, RUSC La Rusia, etc.

IDC 11 12:52:10.4±1.6, 2.95S-130.73E, h0km, mb3.4/2, mbmp3.3/4, ML3.0/2, Error ellipse: s-maj=73.0km s-min=24.0km az=86.0, Seram

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Includes stations like SIJI Sorong, WRA Warramunga Arr, etc.

body waves. nsta2 refers to surface waves, cutoff=35s. ROM 11 12:54:53.0±0.2, 42.905N-0.00113, 118E, 0.003, h8km, ML4.3/10.4, Error ellipse: s-maj=2.0km s-min=0.1km az=76.0

MOS 11 12:54:53.5±0.2, 43.01N-13.08E, h10km, mb4.5/18, Error ellipse: s-maj=7.0km s-min=3.7km az=84.8

PDG 11 12:54:53.4±0.5, 42.92N-13.13E, h12km, ML4.0/10, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0

PRU 11 12:54:53.7±0.0, 42.90N-13.06E, h10km, M4.7, LDG 11 12:54:54.3±0.1, 42.80N-13.06E, h8km, M3.9/36, Error ellipse: s-maj=5.1km s-min=2.8km az=43.0

IDC 11 12:54:54.1±0.7, 43.07N-13.03E, h0km, mb4.1/18, mbmp4.1/26, ML3.8/8, MS3.5/32, Error ellipse: s-maj=13.8km s-min=11.0km az=77.0

NEIC 11 12:54:54.4±2.4, 42.85N-0.05E, 12.99E, 0.07, h10km, 1km, Error ellipse: s-maj=10.2km s-min=7.6km az=221.0

Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr=-2.57; Mth=0.53; Mtt=2.04; Mbb=0.09; Mbr=1.18; Fault plane solution: Mo2.80000x10^15 NP1: 0.159, 79000°, 0.61, 11000°, λ-102.93000°, NP2: 0.521000°, 0.31, 42000°, λ-67.93000°. Principal axes: T 2.3864, Pg15.0000°, Azm259.0000°; N 0.7026, Pg11.0000°, Azm166.0000°, P -3.0890, Pg171.0000°, Azm41.0000°

BNS 11 12:54:57.4±1.7, 43.31N-9.13E, h10km, ML4.3, STR 11 12:54:57.4±1.7, 43.31N-9.13E, h10km, ML4.5/21, Error ellipse: s-maj=0.0km s-min=0.0km az=104.2, preliminary

IDC 11 12:54:54.0±0.7, 42.90N-0.01E, 13.09E, 0.01, h6km, 4km, n647, 01868/727, mb4.5/44, MS3.6/21, 46C-40D, Central Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Includes stations like T1216 Preci, Frazion, T1216, etc.

11d 12h

2025 DEC

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like FUORN, SBF, UPM, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GERES, KEREK, KEK, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LOR, ABAAH, DRGR, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Malin Array Be, Malin Array Si, Keskin Array B, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Urumqi, WMQ, WMQ, TIXI, etc.

1313:20.8-4.9, 4.32S:133.63E, h0km, mb3.4/1, mbtm3.4/4, ML3.4/3, Error ellipse: s-maj=242.2km

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SUJ, SUJ, WRA, WRA, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MRZ, MRZ, MRZ, etc.

11d 13h

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like PAX Paxson, EYAK Cordova Ski Ar, FYU Fort Yukon, etc.

2016 DEC

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like YUK6 Outpost Mounta, O29M Mount Kennedy, G30M Ach Zraii Nji, etc.

814

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like YKA Yellowknife Ar, APA Apatity, PALK Pallekele, etc.

11d 13h

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like BCLA Clavier, AMTX Amarillo, KSU1 Kansas State U, etc.

KRNET 11 13:55:03.6-0.1, 39.51N, 73.69E, mb3.3
SOME 11 13:55:04.5, 39.65N, 73.57E, h15km
NMC 11 13:55:05.8-3.2, 39.79N, 73.38E, h0km, mb3.8, mpv3.5,
Error ellipse: s-maj=25.3km s-min=13.0km az=168.0
ISC 11 13:55:04.5-1.2, 39.58N, 0.06-73.66E, 0.03, h10km, n44,
az=58/72, 12C-10D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like OHH Osh, BTX Batken, AML Almayashu, etc.

2016 DEC

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KBK Karagaybulak, USF Oshpenovka, IUG Iuzhnyy, etc.

ROM 11 13:55:30.4-0.1, 42.905N, 0.002-13.099E, 0.003,
h8km, ML1.7/22, 12C-7D, Error ellipse: s-maj=0.2km
s-min=0.1km az=352.0, Central Italy

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like T1216 Preci, Frazio, T1216 comp=N,2015um,1.5s, etc.

816

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like T1219 Muccia, Frazio, T1219 comp=E,590um,0.2s, etc.

ISC-EH 11 13:58:20.9, 2.40N, 128.56E, h231km, 2km, Error ellipse:
s-maj=4.4km s-min=2.7km az=79.0
IDC 11 13:58:21.8, 1.4, 2.40N, 128.58E, h237km, 14km, mb4.0/20,
mbtp4.6/22, Error ellipse: s-maj=16.8km s-min=7.9km
az=73.0
NEIC 11 13:58:21.1, 1.5, 2.39N, 0.07, 128.57E, 0.07, h231km, 7km,
mb4.6/89, Error ellipse: s-maj=11.2km s-min=9.8km
az=134.0
DJA 11 13:58:21.3, 0.3, 2.3N, 12.8E, h228km, 2km, M4.3/24,
mB5.0/7, mb4.5/24, MLv4.3/11, Mw(mB)4.3/7
ISC 11 13:58:18.2, 0.3, 2.44N, 0.04, 128.64E, 0.06, h200km, n173,
az=175/178, mb4.5/62, 6C-4D, Halmaheira

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like T1216 comp=N,269um,1.3s, T1216 comp=N,269um,1.3s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Paulautuk, Castle Rocks, Eielson Array, Purkeypile, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATAH, ESQI, JACO, JTS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 214A, LPAZ, HKT, etc.

TRN 11 14:27:41.3, 11:26N:61.01W, h37km, MD3.5, 1C, Windward Islands

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

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

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

IDC 11 14:33:11.3:0.7; 9:12S; 109:94W, h0km, mb4.7/19, mtbmp4.7/19, MS5.3/5, Error ellipse: s-maj=24.1km

MOS 11 14:33:12.0:1.3; 8:93S; 109:71W, h10km, mb5.5/59, MS5.4/7, Error ellipse: s-maj=11.2km s-min=5.3km

NEIC 11 14:33:12.9:1.8; 9:15S:0.1; 109:90W:0.1, h10km, y1km, mb5.4/462, Ms_20.5/6.317, Mw5.7/41, Mw5.8/8, Error ellipse: s-maj=23.3km s-min=17.6km az=248.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mn=0.84; Mw=0.06; Mw0.90; Mw=1.74; Mw0.38; Mw=1.27; Fault plane solution: N4.96000x10^17 NP1: 0.175, 0.000; 0.70, 3.400; 0.173, 3.700; NP2: 0.267, 2.700; -0.823, 7.600; 0.19, 7.800; Principal axes: T 5.5237, P1g18.0000, Azm133.0000; N -1.464, P1g69.0000, Azm284.0000; P -4.0589, P1g9.0000, Azm40.0000;

ISC-EH 11 14:33:12.1; 9:20S; 109:94W, h10km, Error ellipse: s-maj=3.2km s-min=1.9km az=55.0

GCMT 11 14:33:15.9:0.1; 9:03S; 109:88W, h15km, MW5.8/160, Moment Tensor Solution. s143,c278; s160,c478; Duration: 2s0 Moment tensor: Scale 10^17Nm; Mn=0.51±.04; Mw0.07±.04; Mw0.44±.05; Mw=1.64±.13; Mw0.19±.03; Mw1.06±.14; Best double couple: Mw5.50800x10^17 NP1: 0.86, 0.0000; 0.80, 0.0000; 1.15, 0.0000; NP2: 180.0000; 0.97, 0.0000; 1.17, 0.0000; Principal axes: T 6.4700, P1g3.0000; Azm135.0000; N 0.0760, P1g2.0000; Azm235.0000; P -6.5460, P1g18.0000; Azm44.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 11 14:33:20.9; 13S; 109:95W, h22km, Moment Tensor Solution. Duration: 16s0 Moment tensor: Scale 10^17Nm; Mn=1.9; Mw=1.73; Mw=1.54; Mw=1.01; Mw0.61; Mw=1.14; Fault plane solution: Mw6.50000x10^17 NP1: 0.82, 0.0000; 0.79, 0.0000; 1.6, 0.0000; NP2: 0.173, 0.0000; 0.83, 0.0000; 1.169, 0.0000; Principal axes: T 6.2338, P1g3.0000; Azm307.0000; N 0.4958, P1g77.0000; Azm204.0000; P -6.7296, P1g12.0000; Azm38.0000;

ISC 11 14:33:12.3:0.2; 9:34S:0.05; 109:90W:0.05, h10km, n1385, s169/1372, mb5.4/260, MS5.5/224, 8C-13D, Central East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PAYG, PAYG, H06S1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT, PPT2, PPT2, etc.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Carrollton, Salt Plains, Manchestor OK, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Montrose, Pine Nut, Idaho Springs, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Ogallala, Ogalla, W52A, etc.

Table with columns for station call letters, location, elevation, frequency, mode, and signal strength. Includes stations like WVVY West Valley, N, LUPA Lehigh Univ, FRTB Fartura, etc.

Table with columns for station call letters, location, elevation, frequency, mode, and signal strength. Includes stations like F63A baz=225,SNR=9.6, E62A Clayton Lake, etc.

Table with columns for station call letters, location, elevation, frequency, mode, and signal strength. Includes stations like YUK3 Moose Creek, M29M Solme Creek, OXZ Oxford, etc.

11d 14h

Table with columns: ID, Name, Date, Time, Location, Status, Value 1, Value 2, Value 3. Includes entries like Willow, Big Mountain, Sand Creek, Eagle, etc.

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Table with columns: ID, Name, Date, Time, Location, Status, Value 1, Value 2, Value 3. Includes entries like Browne, Porcupine Dome, Resolute Bay, etc.

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Table with columns: ID, Name, Date, Time, Location, Status, Value 1, Value 2, Value 3. Includes entries like Franklin Bluff, Killik River, Resolute Bay, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK, comp=N,26nm,0.8s, PKP, PKPdf, 14 52 10.7 +0.1, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ABKAR, comp=Z,796nm,19.0s, PKP, PKPdf, 14 52 37.8 -2.0, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AAK, Ala-Archa, 146.61 354, PKPbc, PKPbc, 14 52 54.0 -0.7, etc.

NEIC 11 14:57:01.2,2.2,13.20N,0.07,89.2W,0.1,h57km,7km, mb4.3/14,Md4.4(SNET),Error ellipse: s-maj=16.1km s-min=7.2km az=64.0

SNET 11 14:57:02.3,1.2,13.19N,89.22W,h48km,ML4.4

INET 11 14:57:02.7,0.4,13.14N,89.11W,h15km,3km,MW3.4

IDC 11 14:57:02.2,1.9,13.33N,89.10W,h73km,2km,m13.3/2, mbtmp3.7/4,Error ellipse: s-maj=81.8km s-min=83.3km az=37.0

GCG 11 14:57:16.4,0.3,15.20N,89.88W,h50km,MD3.8 ISC 11 14:57:00.4,0.9,13.12N,0.06,89.29W,0.04,h63km,7km, n85,+f159/123,mb4.3/9,11D,El Salvador

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like LFRS, ITCA, JAYA, SJTE, etc.

ASAR Alice Springs 137.84 249 PKP PKPdf 15 16 19.1 +0.5 comp=2,0.2nm,0.5s,baz=96,slow=3.2,SNR=1.8

CMAR Chiang Mai Arr 147.59 345 PKPbc PKPbc 15 16 37.7 -0.8 comp=2,0.4nm,0.3s,baz=330,slow=2.0,SNR=4.6

DJA 11 15:13:21.3,0.8,5°N,5°9'6"E,h10km,M3.8/7,mb4.3/2, MLV3.6/7,Northern Sumatera

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like LHMI, MLSI, KCSI, etc.

JMA 11 15:18:17.6,0.3,23°N,1°12'1"E,h0km,MV3.5/9, TAIWAN REGION

TAP 11 15:18:18.1,23°51'N,120°71'E,h14km,ML3.8,B

ISC 11 15:18:18.7,0.8,23°49'N,120°72'E,0.01,1h18km,2km, n165,+0e91/255,22C-37D,Taiwan

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Lists stations like ALS, WCKO, CHN4, etc.

Table with columns: TWF1, WMLT, WMLT, WWF, WWF, EHY, EHY, EHD, EHD, WPL, WPL, WPL, SCLT, SCLT, SCLT, EYUL, EYUL, SHHT, DPDB, DPDB, WCS, WCS, ECS, WCHH, WCHH, WCHH, WUSB, WUSB, WUSB, TAI, TAI, SCST, SCST, HGSD, HGSD, TCU, TCU, EGFH, EGFH, TAI, TAI, LONT, LONT, ECBN, ECBN, CHGB, CHGB, CHGB, CHKT, CHKT, TWMT, TWMT, ESL, ESL, TWG, TWG, TWG, SSD, SSD, SSD, EDH, EDH, TWGBT, TWGBT, TWGBT, TSMG, TSMG, TSMG, WHP, WHP, WHP, WHF, WHF, WHF, TSPT, TSPT, TTN, TTN, ETM, ETM, TWQ1, TWQ1, TWQ1, WDJ, WDJ, WDJ, TDCB, TDCB, TDCB, TWT, TWT, TWT, MASBT, MASBT, MASBT, TEYL, TEYL, ECL, ECL, NSY, NSY, NSY, WSSB, WSSB, WSSB, HWA, HWA, HWA

11d 15h

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

2016 DEC

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

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

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like Warramunga Arr, WRA, STKA, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like KAPI, KMBL, SPSI, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like TAOE, JKA, ASAJ, etc.

11d 17h

2016 DEC

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HongShan, Gornyy, Kuldur, Baijiatao, Vanda, Phrae, Kunming, Chiang Mai, XilinHaoTe, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ZEA, MA2, TNCH, Lanzhou, Ulanbaatar, Songino Array, Ughashik Creek, Yakutsk, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Bilibino, QSPA, O19K, ZAK, ANM, SVWZ, ILSW, N19K, O20K, IRK, RSO, BRSE, M19K, L19K, L19K, N20K, SPCR, TTA, TTA, CAPN, M20K, M20K, SEW, L20K, O22K, MOY, MOY, SUA, SUA, SUA, RC01, K20K, K20K, GCSA, M22K, PWL, PWL, PPLA, PPLA, PMR, PMR, PMR, J20K, HIN, CAST, CAST, JIRN, SML, SML, PALK, PALK, EYAK, EYAK, GUN, KTH, KTH, KAIM, SCM, SCM, SCM, TRF, TRF, PKI, PKIN, WAT1, BPAW, KLU, WAT6, MAW, DMN, BMRM, BMRM.

M24K	Tolsona, Glenn	83.41	22	P	P	17 38 36.9	0.0
M24K	Tolsona, Glenn	83.41	22	P	P	17 38 36.6	-0.3
MCK	McKinley	83.48	20	P	P	17 38 36.9	-0.3
MCK	McKinley	83.48	20	P	P	17 38 36.8	-0.4
MCK	McKinley	83.48	20	P	P	17 38 36.9	-0.3
I21K	Tanana	83.50	18	P	P	17 38 37.3	+0.2
IMAR	Indian Mountain	83.55	17	P	P	17 38 37.4	0.0
DHY	Denali Highway	83.59	21	P	P	17 38 37.9	0.0
H21K	Melozitna Rive	83.59	17	P	P	17 38 38.1	+0.4
H21K	Melozitna Rive	83.59	17	P	P	17 38 37.9	+0.2
N25K	Chitina, Valde	83.69	23	P	P	17 38 38.4	+0.1
N25K	Chitina, Valde	83.69	23	P	P	17 38 38.1	0.0
N25K	Chitina, Valde	83.69	23	P	P	17 38 38.7	+0.3
MLY	Manley	83.78	18	P	P	17 38 37.9	-0.8
MLY	Manley	83.78	18	P	P	17 38 39.9	-0.8
MLY	Manley	83.78	18	P	P	17 38 38.6	-0.1
GLB	Gilahina Butte	83.89	23	P	P	17 38 39.9	+0.5
GLB	Gilahina Butte	83.89	23	P	P	17 38 44.8	0.0
MESA	MESA	83.90	25	P	P	17 38 39.2	-0.4
HARP	HAARP	83.96	22	P	P	17 38 40.3	+0.7
G21K	Allakaket	84.00	17	P	P	17 38 39.7	-0.1
NEA2	Nenana	84.01	19	P	P	17 38 39.5	-0.3
MCARA	McCarthy VSAT	84.17	23	P	P	17 38 40.8	+0.1
H22K	Ishlitalna Cre	84.18	18	P	P	17 38 40.2	-0.5
PAX	Paxson	84.20	22	P	P	17 38 40.7	-0.2
I23K	Minto, Yukon-K	84.29	19	P	P	17 38 41.0	-0.2
I23K	Minto, Yukon-K	84.29	19	P	P	17 38 41.0	-0.2
TABL	Table Mountain	84.38	25	P	P	17 38 40.6	-1.4
CCB	Clear Creek Bu	84.46	20	P	P	17 38 40.3	-1.8
F21K	Alatna Glacier	84.52	16	P	P	17 38 42.5	+0.1
BARN	Barnard River	84.52	24	P	P	17 38 42.5	-0.2
MDM	Murphy Dome	84.52	19	P	P	17 38 41.2	-1.2
MDM	Murphy Dome	84.52	19	P	P	17 39 00.8	0.0
PINM	Pinnacle	84.56	25	P	P	17 38 42.3	-0.5
TCOL	CIGO, UAF Yank	84.59	19	P	P	17 38 42.5	-0.2
HDA	Harding Lake	84.59	20	P	P	17 38 41.9	-0.9
HDA	Harding Lake	84.59	20	P	P	17 39 00.9	0.0
HDA	Harding Lake	84.59	20	P	P	17 38 42.6	-0.2
HDA	Harding Lake	84.59	20	P	P	17 38 42.4	-0.3
COLA	College	84.59	19	P	P	17 38 42.2	-0.5
COLA	College	84.59	19	P	P	17 38 42.0	-0.7
COLA	College	84.59	19	P	P	17 38 42.0	-0.7
KOLN	Koldanda	84.60	300	eP	P	17 38 42.0	-1.9
KOLN	Koldanda	84.60	300	eP	P	17 38 42.1	-1.9
KOLN	Koldanda	84.60	300	eP	P	17 38 42.2	-1.7
K24K	Donnelly Dome	84.61	21	P	P	17 38 43.2	+0.3
DANN	Dangsing	84.61	300	eP	P	17 38 40.5	-3.6
H23K	Yukon River	84.69	18	P	P	17 38 43.3	0.0
M26K	Nabesna, AK	84.77	23	P	P	17 38 44.8	+1.0
M26K	Nabesna, AK	84.77	23	P	P	17 38 57.6	0.0
M26K	Nabesna, AK	84.77	23	P	P	17 38 43.7	-0.1
IL31	Elison Array	84.84	20	P	P	17 38 42.4	-1.6
ILAR	Elison Array	84.84	20	P	P	17 38 43.1	-0.9
ILAR	Elison Array	84.84	20	P	P	17 38 43.1	-0.9
ILAR	Elison Array	84.84	20	P	P	17 38 44.4	+0.4
ILAR	Elison Array	84.84	20	P	P	17 38 44.4	+0.4
R28M	Independent Ri	84.89	21	P	P	17 38 45.0	+0.6
O28M	Mount Upton	84.96	25	P	P	17 38 44.7	-0.3
L26K	Log Cabin Wild	85.01	22	P	P	17 38 45.6	+0.6
F22K	John River	85.08	16	P	P	17 38 46.1	+0.9
G23K	Banana Creek	85.14	17	P	P	17 38 46.0	+0.4
M27K	Edge Creek, AK	85.17	23	P	P	17 38 46.4	+0.5
M27K	Edge Creek, AK	85.17	23	P	P	17 38 46.3	+0.3
H24K	Noodor Dome	85.21	19	P	P	17 38 46.5	+0.6
J25K	Salcha River,	85.25	20	P	P	17 38 46.1	-0.1
J25K	Salcha River,	85.25	20	P	P	17 39 04.8	0.0
J25K	Salcha River,	85.25	20	P	P	17 38 46.5	+0.3
TIXI	Tiksi	85.31	350	LR	LR	18 18 12.2	0.0
TIXI	Tiksi	85.31	350	LR	LR	17 38 45.0	-1.2
TIXI	Tiksi	85.31	350	LR	LR	17 38 45.0	-1.2
SCRK	Sand Creek	85.34	21	P	P	17 38 46.9	+0.2
SCRK	Sand Creek	85.34	21	P	P	17 39 05.5	0.0
SCRK	Sand Creek	85.34	21	P	P	17 38 46.7	-0.1
O29M	Mount Kennedy	85.38	26	P	P	17 38 47.1	+0.1
P29M	Windy Craggy	85.39	26	P	P	17 38 47.0	0.0
P29M	Windy Craggy	85.39	26	P	P	17 38 48.8	0.0
YUK3	Moose Creek	85.40	24	P	P	17 38 46.8	-0.4
YUK8	Steele Glacier	85.41	24	P	P	17 38 47.0	-0.3
COLD	Coldfoot	85.44	17	P	P	17 38 47.2	+0.2
L27K	Beaver Creek,	85.59	22	P	P	17 38 47.7	-0.2
L27K	Beaver Creek,	85.59	22	P	P	17 39 02.1	0.0
L27K	Beaver Creek,	85.59	22	P	P	17 38 47.7	-0.2
BVCY	Beaver Creek	85.60	23	P	P	17 38 47.9	+0.3
BCAR	Beaver Creek A	85.61	22	P	P	17 38 48.1	+0.1
E22K	Anaktuvuk Pass	85.62	16	P	P	17 38 48.6	+0.7
S32K	Killsnoo	85.78	29	P	P	17 38 49.3	+0.5
J26L	Joseph Creek	85.80	21	P	P	17 38 49.3	+0.3
J26L	Joseph Creek	85.80	21	P	P	17 38 49.0	0.0
YUK6	Outpost Mounta	85.81	25	P	P	17 38 49.2	-0.1
G24K	Hadweencriv Riv	85.89	18	P	P	17 38 49.7	+0.4
YUK4	Talbot Arm	85.90	25	P	P	17 38 49.9	+0.3
PLBC	Pleasant Camp	85.91	27	P	P	17 38 49.0	-0.5
P30M	Million Dollar	85.98	26	P	P	17 38 49.4	-0.5
HYT	Haines Junctio	86.11	25	P	P	17 38 51.1	+0.5
HYT	Haines Junctio	86.11	25	P	P	17 38 53.3	0.0
HYT	Haines Junctio	86.11	25	P	P	17 38 50.5	-0.1

WMQ	Urumqi	86.15	316	eP	P	17 38 51.7	+0.5
WMQ	Urumqi	86.15	316	eP	P	17 49 23.1	-2.1
WMQ	comp=Z,11nm,0.9s			S	Pmax		
WMQ	comp=Z,11um,19.3s			LR	LR		
WMQ	comp=Z,690nm,17.7s			LR	LR		
WMQ	comp=Z,640nm,21.1s			LR	LR		
E23K	Chandalar	86.17	16	P	P	17 38 51.2	+0.5
V35K	Ketikan	86.29	32	P	P	17 38 51.8	+0.4
F24K	Squaw Lake	86.30	17	P	P	17 38 51.9	+0.6
G25K	Bearman Lake	86.36	18	P	P	17 38 51.9	+0.4
E24K	Your Creek	86.50	17	P	P	17 38 52.9	+0.6
D23K	Namushuk River	86.50	16	P	P	17 38 52.2	0.0
M29M	Sonum Creek	86.55	24	P	P	17 38 52.9	+0.2
TOLK	Toolik Lake Re	86.57	16	P	P	17 38 52.9	+0.2
TOLK	Toolik Lake Re	86.57	16	P	P	17 38 53.4	+0.8
N30M	Aishikik Lake	86.60	25	P	P	17 38 52.7	-0.2
HYBB	Hyderabad (bro	86.66	288	eP	P	17 38 53.6	-0.5
HYBB	Hyderabad (bro	86.66	288	eP	P	17 38 56.0	-0.5
HYBB	Hyderabad (bro	86.66	288	eP	P	17 42 15.3	-1.2
HYBB	Hyderabad (bro	86.66	288	eP	P	17 49 20.6	0.0
HYBB	Hyderabad (bro	86.66	288	eP	P	17 49 31.1	0.0
HYBB	Hyderabad (bro	86.66	288	eP	P	17 49 38.8	-0.3
O30N	Mendenhall	86.68	26	P	P	17 38 54.0	+0.6
A21K	Barrow	86.80	12	P	P	17 38 53.1	-0.4
A21K	Barrow	86.80	12	P	P	17 39 06.9	0.0
A21K	Barrow	86.80	12	P	P	17 38 53.6	+0.1
EGAK	Eagle	86.81	21	P	P	17 38 54.5	+0.8
EGAK	Eagle	86.81	21	P	P	17 38 53.8	0.0
YBH	Yreka Blue Her	86.86	47	LR	LR	18 12 05.9	0.0
F25K	Christian River	87.02	18	P	P	17 38 55.4	+0.6
L29M	L29M	87.03	23	P	P	17 38 55.5	+0.5
DAWY	Dawson	87.06	22	P	P	17 38 55.9	+0.8
DAWY	Dawson	87.06	22	P	P	17 38 55.3	+0.2
PKM	Mpherson Peak	87.11	54	P	P	17 38 55.8	-0.4
C23K	Iklikik River	87.11	15	P	P	17 38 56.1	+0.9
I27K	Kandik River	87.12	20	P	P	17 38 55.5	+0.1
N31M	Braeburn, Yuko	87.16	25	P	P	17 38 56.3	+0.7
G26K	Porcupine Rive	87.19	19	P	P	17 38 56.3	+0.7
BMAR	Burnt Mountain	87.24	18	P	P	17 38 56.5	+0.6
M30M	Minto, Yukon	87.28	24	P	P	17 38 56.9	+0.7
M30M	Minto, Yukon	87.28	24	P	P	17 38 56.7	+0.5
E25K	Arctic Village	87.37	17	P	P	17 38 57.6	+1.1
H27K	Steamboat Moun	87.51	20	P	P	17 38 57.9	+0.7
C24K	Franklin Bluff	87.53	15	P	P	17 38 57.6	+0.5
F26K	Sheenjek River	87.53	18	P	P	17 38 57.9	+0.6
K29M	Barlow Dome	87.64	23	P	P	17 38 59.1	+1.1
J29M	Klondike Camp	87.70	22	P	P	17 38 58.7	+0.5
G27K	Doyon Strip	87.80	19	P	P	17 38 59.4	+0.8
D25K	Kavir River	87.89	16	P	P	17 38 59.6	+0.6
ARVC	Arvin	87.95	54	P	P	17 39 00.0	+0.1
M31M	Drury Creek, Y	88.08	25	P	P	17 39 01.4	+1.4
I29M	Ogilvie Creek,	88.14	21	P	P	17 39 01.5	+1.3
MAYO	Mayo, Yukon	88.15	23	P	P	17 39 01.8	+1.5
DGZ	Jazzart, Alta	88.25	321	eP	P	17 39 00.6	-0.7
DGZ	Jazzart, Alta	88.25	321	eP	P	17 39 00.6	-0.7
ISA	Isabella, Lake	88.36	53	P	P	17 39 02.3	+0.2
DLBC	Dease Lake	88.38	29	LR	LR	18 16 31.6	0.0
FARO	Faro, Yukon	88.53	25	P	P	17 39 03.0	+0.9
EDW2	Edwards Air Fo	88.55	54	P	P	17 39 03.2	+0.3
E27K	Coleen River	88.60	18	P	P	17 39 02.8	+0.5
BFSC	Mount Baldy Ra	88.66	55	P	P	17 39 03.4	-0.2
C26K	Camden Bay	88.67	16	P	P	17 39 03.5	+0.9
109C	Elliot, M	88.78	56	P	P	17 39 04.3	+0.3
C27K	Jango River	88.82	17	P	P	17 39 04.7	+1.4
CWC	Cottonwood Cre	88.87	53	P	P	17 39 04.6	+0.1
MURC	Murrieta	88.88	56	P	P	17 39 04.9	+0.4
TRC	Tinemaha, Big	88.91	52	P	P	17 39 04.2	-0.4
LIM	Laurel Mtn Rad	88.94	54	P	P	17 39 05.0	+0.1
DSP	Deep Springs	89.19	52	P	P	17 39 05.0	-0.7
DSP	Deep Springs	89.19	52	P	P	17 39 08.2	0.0
NVAR	Mina Array Bea	89.20	51	P	P	17 39 05.9	-0.2
NVAR	Mina Array Bea	89.20	51	P	P	18 14 58.4	0.0
NVAR	Mina Array Bea	89.20	51	P	P	17 39 05.5	-0.6
EPYK	Eagle Plains	89.22	21	P	P	17 39 06.1	+0.7
MPMC	Mariat Prospec	89.24	53	P	P	17 39 06.3	0.0
MONP2	Monument Peak	89.34	56	P	P	17 39 06.1	-0.8
PFO	Pinyon Flats O	89.48	56	LR	LR	18 10 32.5	0.0
PFO	Pinyon Flats O	89.48					

Table of astronomical observations for 2016 DEC, including columns for code, station name, time, and residuals. Includes entries like CMAR, CHTO, CTAO, etc.

Table of astronomical observations for 2016 DEC, continuing from the previous table. Includes entries like KURK, KKAR, BRVK, etc.

Table of astronomical observations for 11d 19h, including columns for code, station name, time, and residuals. Includes entries like JFK, JFST, JMTS, etc.

IDC 11 19:39:00.3,4, 10.96S,161.50E, h0km, mb3.4/3, mbtmp3.5/4, ML4.5/1, MS3.0/1, Error ellipse: s-maj=65.1km s-min=34.0km az=83.0, Bougainville-Solomon Islands region

Code	Station Name	Δ° AZZ	Phase ID	Time	Res
				h m s	ISC
HNR	Honiara	2.16 315	Op	19 39 38.2	+0.6
HNR	159nm,0.3s,baz=180,slow=7.1,SNR=2.3		Pn		
CTA	Charters Tower	17.25 236	LR	19 48 47.2	
WRA	Warramunga Arr	27.62 248	P	19 44 49.5	-0.4
ASAR	Alice Springs	29.15 241	P	19 45 03.9	+0.4
SOMM	Songino Array	76.18 325	P	19 50 50.4	-0.2

NDI 11 19:43:11.0,3,1, 25.32N,91.07E, h34km, 11km, ML3.6
 DMN 11 19:43:15.8,0,3,25.19N,91.21E, h10km, M13, 1/7, Error ellipse: s-maj=41.7km s-min=6.0km az=27.0
 ISC 11 19:43:13.5,1,8, 25.32N,91.31E,0.03, h28km, n17, c=1872/29, India-Bangladesh border region

Code	Station Name	Δ° AZZ	Phase ID	Time	Res
				h m s	ISC
SHL	Shilong	0.59 61	Op	19 43 26.5	+0.3
SHL	19 43 35.0		Pn		0.0
GUWA	GUWAHATI	0.97 20	eP	19 43 32.1	+0.4
KOHI	KOHIMA	2.56 80	eP	19 43 54.6	+1.3
ITAN	ITANAGAR	2.85 49	eP	19 43 57.0	+0.2
MOKO	MOKOCHONG	3.07 70	eS	19 44 32.1	+1.4
GTK	Tadong	3.17 310	iSg	19 44 39.9	+1.2
RAMN	Ramite	4.55 292	ePn	19 44 22.6	+1.9
LKP	Lekhapani	4.55 62	eS	19 45 09.1	-3.4
JIRN	Jiri	5.17 298	ePn	19 44 31.1	+1.8
GUN	Gumba	5.53 300	ePn	19 44 36.2	+2.0
PKI	Pulchoki	5.76 295	ePn	19 44 38.6	+1.1
PKIN	Pulchoki	5.78 295	ePn	19 44 39.1	+1.5
KKN	Kakani	5.96 296	ePn	19 44 41.1	+1.1
KKN	Kakani	5.96 296	ePn	19 44 41.3	+1.3
KKN	Kakani	5.96 296	ePn	19 44 41.6	+1.6
DMN	Daman	6.03 294	ePn	19 44 42.2	+1.2
DANN	Dangsing	7.41 296	ePn	19 45 00.3	+0.3

JMA 11 19:46:29.5,0,5,36°N,12°12'E, h5km, MV2.8/9, S KOREAN PENINSULA REG
 KMA 11 19:46:32.9,0,3,35.76N,129°18'E, h13km, 3km, Error ellipse: s-maj=1.6km s-min=1.3km az=159.0
 ISC 11 19:46:33.1-1.1, 35.77N,0.05,129°18'E,0.05, h10km, n8, c=126/12, South Korea

Code	Station Name	Δ° AZZ	Phase ID	Time	Res
				h m s	ISC
KSDAG	Daegu	0.23 271	Op	19 46 38.0	+0.2
YOCB	Yeongcheon	0.28 319	S	19 46 41.8	+0.6
MIYA	Miryang-si	0.45 232	P	19 46 41.7	-0.2
KSPHA	Pohang	0.45 20	P	19 46 41.9	-0.1
JPTU	Tsushima	1.25 172	iP	19 46 55.1	-1.6
JTSM	Tsushima Mitsus	1.44 173	P	19 46 57.8	-1.4
JHGM	Hagimishima	1.88 121	eS	19 47 18.0	-0.1
JJI	Hagi	2.02 167	eP	19 47 20.7	+1.6
			eS	19 47 35.1	+0.4

KRNET 11 19:47:59.7,0,1, 40.38N,75.07E, h14km, mb3.1
 SOME 11 19:48:01.9, 40.53N,75.15E, h10km
 NNC 11 19:48:05.6,9,9,40.28N,75.15E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=88.3km s-min=56.5km az=147.0
 ISC 11 19:48:00.9, 1.7, 40.48N,0.07,75.16E,0.03, h10km, n39, c=1872/20, 16C-10D, Kyrgyzstan-Xinjiang border region

Code	Station Name	Δ° AZZ	Phase ID	Time	Res
				h m s	ISC
NRN	Naryn	1.15 333	iP	19 48 23.2	+0.2
ARLS	Aral	1.52 336	iP	19 48 29.4	+0.1
URLS	Uchtor	1.81 345	P	19 48 35.1	+0.6
UCH	Uchtor	1.81 345	iP	19 48 35.1	+0.6
ULHL	Ulaloh	1.94 241	iP	19 48 37.9	-0.3
AML	Almayashu	1.99 327	P	19 48 37.6	+0.2
KBK	Karagaybulak	2.18 356	P	19 48 43.1	+0.3
KBK	Karagaybulak	2.18 356	iP	19 48 40.6	0.0
AAK	Ala-Archa	2.21 347	P	19 48 40.8	-0.6
AAK	Ala-Archa	2.21 347	iP	19 48 40.9	-0.2
TARG	Taragay, Kyrgy	2.36 57	iP	19 48 43.4	-0.3
EKS2	Erkin-Say	2.42 335	P	19 48 46.4	-0.8
EKS2	Erkin-Say	2.42 335	iP	19 48 43.4	-1.2
TKM2	Tokmak 2	2.46 7	P	19 48 48.0	-0.1
TKM2	Tokmak 2	2.46 7	iP	19 48 47.5	-0.7
TKM2	Tokmak 2	2.46 7	iP	19 49 22.2	+2.1
TKM2	Tokmak 2	2.46 7	iP	19 48 44.8	-0.6
TKM2	Tokmak 2		iP	19 49 17.6	-2.4

Code	Station Name	Δ° AZZ	Phase ID	Time	Res
				h m s	ISC
CHMS	Chumysh	2.54 353	P	19 48 48.6	-0.9
CHMS	Chumysh	2.54 353	iP	19 48 45.5	-1.1
KST	Kastek	2.63 13	eP	19 49 18.8	+1.0
MRKS	Merke	2.69 328	eP	19 48 50.4	+1.2
DGS	Degeres	2.80 9	eP	19 49 25.9	-0.7
MTBS	Maitube	2.81 19	eP	19 48 54.0	-0.8
OSP	Ospenovka	2.83 350	P	19 49 31.6	+0.3
TNSS	Tian-Shan	2.88 27	eP	19 48 55.5	-0.4
MDOK	Medeo	3.03 27	eP	19 48 57.7	-1.3
MDOK	Medeo	3.03 27	iP	19 48 57.3	-1.7
MDOK	Medeo	3.03 27	iP	19 49 07.1	-1.7
KOTS	Kotrybulak	3.12 27	eP	19 49 59.5	-1.1
KRBS	Karabastau	3.24 7	eP	19 49 00.5	+1.9
KUU	Kurdy	3.52 14	eP	19 49 07.3	-1.1
SATY	Saty	3.54 42	eP	19 49 54.1	+0.1
CHHK	Chushkaly	3.64 21	eP	19 49 10.1	-0.5
CHHK	Chushkaly	3.93 46	eP	19 49 12.6	+2.3
KPKS	Kokpek	3.98 40	eP	19 49 13.6	+2.5
IUG	Iuzhnyy	4.21 295	eP	19 50 04.9	-3.7
ARXS	Arharly	4.22 27	eP	19 49 17.5	+2.1
KK31	Koratov Array	4.35 309	iP	19 49 18.5	+1.0
BLB	Baldybatay	4.37 33	eP	19 49 21.9	-2.8
BLB	Battal	4.63 350	eP	19 50 19.3	-2.1
BTL	Battal	4.63 350	eS	19 49 26.4	-3.2
BTL	Battal		eS	19 50 27.0	-2.7

IDC 11 19:54:14.2,4,2, 8.79S, 124°17'E, h69km, 42km, mb3.5/4, mbtmp3.9/6, ML4.0/2, MS2.9/1, Error ellipse: s-maj=48.0km s-min=20.4km az=54.0
 DUA 11 19:54:18.3,1,5, 9.53S, 124°14'E, h19km, 15km, M4.0/13, mb4.2/9, mb4.8/2, MLV4.0/13, Mw(mB)4.1/2
 ISC 11 19:54:17.0,0,7, 9.10S,0.06,123.88E,0.08, h100km, n27, c=180/30, mb3.6/4, Timor region

Code	Station Name	Δ° AZZ	Phase ID	Time	Res
				h m s	ISC
SOEI	Soe	0.76 149	Op	19 54 36.2	+1.1
BATI	Baumata	1.12 191	P	19 54 40.3	+1.5
BATI	Baumata	1.12 191	P	19 54 57.5	+2.3
BATI	Baumata	1.12 191	P	19 54 40.1	+1.3
BATI	Baumata	1.12 191	P	19 54 57.7	+2.5
MMRI	Maumere	1.69 286	P	19 54 45.8	+0.2
BSSU	Bau Bau	4.26 311	P	19 55 06.8	-0.5
BKSI	Bukulubanda	4.29 315	P	19 55 23.8	+1.3
BNSI	Bone	5.99 321	P	19 55 34.8	+0.9
PLAI	Plampang	6.03 272	P	19 55 44.5	+0.7
SPSI	Sidrap Palu	6.53 321	P	19 55 52.8	+2.2
NLAI	Namlea	6.65 29	P	19 55 53.8	+1.7
TWSI	Taliwang, Sumb	6.92 272	P	19 55 55.6	-0.3
SANI	Sanana	7.31 17	P	19 56 03.7	+2.5
APSI	Ampana	8.43 345	P	19 56 19.1	+2.6
JAGI	Jajag, Banyuw	8.63 273	P	19 56 35.3	+2.5
WRA	Warramunga Arr	14.78 138	P	19 57 38.6	-2.5
WRA	Warramunga Arr	14.78 138	P	19 57 38.6	-2.5
WRA	Warramunga Arr	14.78 138	P	20 00 10.9	-1.3
ASAR	Alice Springs	17.37 148	P	19 58 13.4	+0.3
ASAR	Alice Springs	17.37 148	P	20 01 15.9	-1.1
STKA	Stephens Creek	28.00 147	P	19 59 59.8	+1.2
CMAR	Chiang Mai Arr	36.81 318	P	20 01 16.0	+0.4
RAMM	Ramite	50.91 316	eP	20 03 06.2	-2.3
JIRN	Jiri	51.64 316	eP	20 03 11.7	-2.4
GUN	Gumba	52.01 316	eP	20 03 15.1	-1.8
PKI	Pulchoki	52.12 316	eP	20 03 15.5	-2.1
PKIN	Pulchoki	52.13 316	eP	20 03 15.8	-1.9
DANN	Dangsing	53.74 315	eP	20 03 28.4	-1.1
MKAR	Makanchi Array	66.84 330	P	20 04 57.8	-0.4
ZALV	Zalesovo Beam	70.94 337	P	20 05 21.5	-1.9
CPUP	Villa Florida	144.76 178	PKPbc	20 13 44.1	+1.1

IDC 11 19:55:54.5,1,6, 48°07'N,148°55'E, h386km, 22km, mb2.7/5, mbtmp3.6/10, Error ellipse: s-maj=38.7km s-min=16.7km az=154.0

ISC 11 19:55:54.0,9,48.1N,0.2,148.5E,0.1, h384km, n10, c=054/10, mb3.0/5, Northwest of Kuril Islands

Code	Station Name	Δ° AZZ	Phase ID	Time	Res
				h m s	ISC
ASAJ	Asahikawa	5.73 228	Op	19 57 22.9	-0.6
PETK	Petrovavlovsk	7.69 46	Pn	19 57 45.4	+0.1
KLR	Kul dor	11.17 282	P	19 58 26.8	+0.9
USRK	Ussuriysk Arr	12.12 257	P	19 58 35.4	-0.5
MJAR	Matsushiro Arr	13.83 217	P	19 58 55.4	+0.7
ILAR	Eielson Array	37.46 40	P	20 02 32.8	+0.5
INK	Inuvik	42.19 33	P	20 03 10.0	-0.6
MKAR	Makanchi Array	43.56 294	P	20 03 21.4	-0.5
PDAR	Pinedale Array	66.41 52	P	20 06 03.8	+0.1
TXAR	Letka Array	79.47 58	P	20 07 19.4	-0.1

IDC 11 20:05:34.1,1, 9.927S, 125°38'E, h0km, mb3.4/1, mbtmp3.5/3, ML3.5/2, Error ellipse: s-maj=33.1km s-min=30.6km az=152.0, Timor region

Code	Station Name	Δ° AZZ	Phase ID	Time	Res
				h m s	ISC
BATI	Baumata	1.93 241	Pn	20 06 08.7	+0.3
BATI	Baumata	1.93 241	Pn	20 06 33.3	-0.1
WRA	Warramunga Arr	13.69 142	Pn	20 08 50.0	+0.3
WRA	Warramunga Arr	13.69 142	Pn	20 11 17.0	-5.7
ASAR	Alice Springs	16.47 151	Pn	20 09 26.4	-0.5
ASAR	Alice Springs	16.47 151	Pn	20 12 23.6	-6.8
MKAR	Makanchi Array	67.73 330	P	20 16 33.6	0.0

IDC 11 20:16:04.6,0,6, 21°59'N, 121°12'E, h0km, mb4.1/20, mbtmp4.1/22, ML3.4/2, MS3.8/16, Error ellipse: s-maj=20.3km s-min=14.5km az=65.0
 MOS 11 20:16:05.3,1,1, 21°55'N, 121°05'E, h14km, mb4.7/15, Error ellipse: s-maj=14.0km s-min=7.6km az=108.8
 TAP 11 20:16:05.9, 21°50'N, 121°10'E, h27km, ML4.3/D
 NEIC 11 20:16:06.2, 18, 21°56'N, 0.06, 120°99'E, 0.08, h10km, 1km, mb4.4/11, Error ellipse: s-maj=13.2km s-min=9.8km az=62.0

BUJ 11 20:16:06.0,0,0, 21°57'N, 121°10'E, h16km, mb4.3/44, mb4.6/26, ML3.8/2, Ms4.2/35, Ms7.4/0/36
 ISC-EH 11 20:16:07.0, 21°58'N, 121°06'E, h15km, Error ellipse: s-maj=4.3km s-min=2.6km az=81.0

NIED 11 20:16:08.1, 21°67'N, 121°06'E, h33km, MW4.4, Moment Tensor Solution, s2 Moment tensor: Scale 10¹⁹Nm; Mw=0.69; Mw=4.00; Mw=4.69; Mw=0.39; Mw=0.93; Mw=0.70; Fault plane solution: M4.5, 0.00, 0.10; NP1: φ=129.00000°, 888.00000°, 1.171.00000°. NP2: φ=219.00000°, 881.00000°, 1.2.00000°. JMA 11 20:16:08.2, 1, 21°67'N, 121°06'E, h33km, MV4.5/13, TAIWAN REGION
 MAN 11 20:16:10.8, 21°11'N, 121°19'E, h1km, mb4.9, ML3.9, MS3.9
 ISC 11 20:16:08.3,0,7, 21°59'N

SGLT	Jiouru	1.24 336	eP	Pn	20 16 29.9	-0.3	NNS	baz=16	eS	Sn	20 17 27.6	+1.4	PZH		sP	sP	20 20 30.1	+0.3		
SGLT	baz=339		eS	Sb	20 16 48.7	+2.2	ENA	Nanau	2.89 13	eP	Pn	20 16 53.8	+0.8	PZH		S	S	20 23 45.9	+1.4	
WSSB	Gushan	1.27 325	eP	Pn	20 16 30.2	-0.5	EWUT	Wuta	2.92 13	eP	Pn	20 16 54.0	+0.7	PZH	comp=Z,100nm,1.4s	pmax	pmax			
LONT	Longtian	1.31 3	eP	Pn	20 16 28.4	-2.8	LATG	Datong	2.96 9	eP	Pn	20 16 52.9	-1.1	PZH	comp=Z,100nm,4.2s	LR	LR			
TWMT	Shoushan	1.35 335	eP	Pn	20 16 32.2	+0.4	NSTT	Nanjuang	3.02 359	eP	Pn	20 16 55.6	+0.8	PZH	comp=Z,510nm,14.3s	LR	LR			
EDH	Donghe	1.39 10	eP	Pn	20 16 29.9	-2.5	NFF	Wufeng Townshi	3.03 1	eP	Pn	20 16 56.0	+1.1	PZH	comp=Z,490nm,12.8s	LR	LR			
EDH	baz=11		eS	Sn	20 16 46.6	-3.4	LIOB	Emei	3.04 359	eP	Pn	20 16 55.3	+0.4	BJT	comp=Z,520nm,13.0s	18.83 348	IAmb	P	20 20 24.1	-2.4
ECS	Chishang	1.50 6	eP	Pn	20 16 31.4	-2.5	ENTT	Nioudou	3.07 9	eP	Pn	20 16 54.0	-1.4	BJT	comp=Z,12nm,0.8s	18.83 348	P	P	20 20 30.7	
CHKT	Chengkung	1.53 11	eP	Pn	20 16 31.5	-2.7	YHNB	Yeheng	3.08 6	Pn	Pb	20 16 56.0	+0.4	BJT	comp=Z,12nm,0.8s	18.83 348	P	P	20 20 24.1	-2.4
CHKT	baz=12		eS	Sn	20 16 50.8	-2.5	YHNB	Yeheng	3.08 6	P	Pb	20 16 56.0	+0.8	BJT	comp=Z,12nm,0.8s	18.83 348	P	P	20 20 28.9	+1.6
SGST	Jiashian	1.54 344	eP	Pn	20 16 33.4	-1.0	NSK	Sanguang	3.08 5	eP	Pn	20 16 55.4	-0.2	BJI	comp=Z,15nm,0.9s		P	pmax		
EHD	baz=332		eP	Pn	20 16 30.8	-3.7	NDS	Dongshan	3.09 11	eP	Pn	20 16 55.2	-0.4	HHC	Hu-ho-hao-te	20.81 339	eP	Pn	20 20 49.5	-1.2
ELDTW	Lidau	1.59 359	eP	Pn	20 16 32.1	-3.0	TWC	Suao	3.09 14	eP	Pn	20 16 56.8	+1.1	HHC			S	pmax		
STYH	Taoyuan	1.59 351	eP	Pn	20 16 34.5	-0.5	PACPP	Pampiona Cagay	3.13 1751	eP	Pn	20 16 55.1	-1.1	HHC	comp=Z,12nm,0.8s		pmax	pmax		
CHN1	Nanshi	1.66 343	P	Pn	20 16 35.5	-0.4	TWE	Neicheng	3.17 10	eP	Pn	20 16 58.7	+2.0	HHC	comp=Z,150nm,4.5s		LR	LR		
SSHA	Shanhua	1.69 336	eP	Pn	20 16 36.2	-0.2	FUSB	Fushanzhiwuyua	3.19 9	eP	Pn	20 16 56.8	-0.4	HHC	comp=Z,1um,12.7s		LR	LR		
SSHA	baz=339		eS	Sb	20 16 59.0	-0.5	JYNG	Yonagunijimaku	3.34 31	eP	Sn	20 16 59.6	+0.5	HHC	comp=Z,1um,15.9s		LR	LR		
WTP	Ta-pu	1.69 346	eP	Pn	20 16 36.4	-0.1	JYNG	Yonagunijima	3.38 32	Pn	Pn	20 17 37.3	-0.8	LZH	Lanzhou	20.82 318	eP	Pn	20 20 50.2	-0.7
TPUB	Ta-pu	1.74 347	P	Pb	20 16 37.0	-0.2	YOJ	Yonagunijima	3.38 32	eP	Sn	20 17 00.1	+0.4	LZH			pP	pP	20 20 53.2	-1.4
TPUB	Ta-pu	1.74 347	P	Pb	20 16 41.8	+2.2	YOJ	Yonagunijima	3.38 32	eP	Sn	20 17 01.0	+1.4	LZH	comp=Z,28nm,1.1s		LR	LR		
TPUB	Ta-pu	1.74 347	P	Pb	20 16 37.8	+0.7	YOJ	baz=42		eS	Sn	20 17 39.8	+0.7	LZH	comp=Z,600nm,15.3s		LR	LR		
TWK	Hsiinying	1.74 343	eP	Pn	20 16 36.8	-0.4	YOJ	Yonagunijima	3.38 32	eP	Sn	20 17 00.8	+1.1	LZH	comp=Z,270nm,12.0s		LR	LR		
SCLT	Jiali	1.76 334	eP	Pn	20 16 37.0	-0.3	YOJ	Yonagunijima	3.38 32	eP	Sn	20 17 39.0	0.0	LZH	comp=Z,470nm,15.5s		LR	LR		
EYUL	Yuli	1.76 8	eP	Pn	20 16 35.1	-2.3	SGCP	Gonzaga	3.46 1641	eS	Sn	20 17 00.1	+0.4	LZH	comp=Z,21nm,1.1s		P	P	20 20 48.5	-0.8
TWF1	Yuli	1.77 8	eP	Pn	20 16 35.2	-2.3	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 41.9	+0.7	GTOI	Gorontalo	20.92 174	P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 01.9	+0.1	TNCH	TengChong	20.96 284	P	P	20 20 51.2	+1.2
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 41.9	+0.1	TNCH			P	P	20 21 12.9	+3.9
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P	20 24 34.7	-8.1
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9	TNCH			P	P		
TWCF	baz=8.0		eP	Pn	20 16 35.5	-2.2	HATJ	Hateruma jima	3.54 46	P	Sn	20 17 03.2	+0.9							

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like MKAR Makanchi Array, MAZ Makanchi, MAKZ Makanchi, etc.

IDC 11 20:17:11.6:0.6, 11:12S:161.08E, h0km, mb4.4/17, mbtmp4.4/18, ML5.4/1, Error ellipse: s-maj=22.0km s-min=15.1km az=94.0

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

IDC 11 20:17:13.7, 11:09S:161.04E, h16km, 2km, Error ellipse: s-maj=10.2km s-min=7.9km az=109.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like L19K, CAST Castle Rocks, CAST Castle Rocks, etc.

IDC 11 20:17:36.5:0.5, 11:05S:161.36E, h0km, mb4.6/21, mbtmp4.6/24, ML2.4/1, MS4.1/4, Error ellipse: s-maj=19.3km s-min=14.0km az=91.0

ISC-EH 11 20:17:38.1, 11:17S:161.34E, h15km, Error ellipse: s-maj=8.9km s-min=6.6km az=98.0

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

11d 20h

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JEM Erimo, ERM Erimo, JFR Furan, etc.

2016 DEC

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KURBB, INK Inuvik, CMAR Chiang Mai Arr, etc.

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Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WTTA Wattenberg, RETA Reutte, MOTA, etc.

NOU 11 20:57:54.9, 24:19S:179:41W, h485km, mb.5/3/3, South of Fiji Islands
MOS 11 20:57:54.7, 3.1, 23:10S:179:85E, h419km, mb.4/1/8, Error ellipse: s-maj=13.1km s-min=12.7km az=55.0
ISC-EH 11 20:57:55.0, 24:28S:179:59W, h472km, 1km, Error ellipse: s-maj=3.7km s-min=2.5km az=110.0

Table with columns: Code, Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like RIZ Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

MGZ	McQueen's Vall	20.47 196	P	I	Amb	P	21 01 57.7	-1.8
MGZ	comp-Z,40nm,0.8s		P				21 02 04.8	
RPZ	Rata Peaks	20.93 199	P	P			21 02 01.8	-1.9
RPZ	comp-Z,12nm,0.6s,baz=11,slow=2.4,SNR=20		P				21 02 01.6	-2.0
RPZ	Rata Peaks	20.93 199	P	I	Amb		21 02 04.2	
RPZ	comp-Z,47nm,0.8s		P				21 02 03.5	-0.1
RPZ	Rata Peaks	20.93 199	P	P			21 02 03.7	-2.3
LBZ	Fox Glacier	21.80 200	P	P			21 02 08.2	-3.3
LBZ	Lake Benmore		P	I	Amb		21 02 27.6	
ODZ	comp-Z,29nm,0.9s		P				21 02 13.2	-2.5
ODZ	Otahua Downs	22.26 198	P	I	Amb		21 02 27.4	
ODZ	comp-Z,39nm,1.2s		P				21 02 16.1	+0.5
ODZ	Otahua Downs	22.26 198	P	P			21 02 15.4	-3.1
ODZ	Wanaka	22.57 201	P	I	Amb		21 02 27.1	
DCZ	comp-Z,40nm,1.0s		P				21 02 27.7	-1.6
DCZ	Deep Cove	23.78 204	P	P			21 02 27.7	-2.4
WHZ	Wether Hill Ro	23.87 202	P	I	Amb		21 02 32.8	
CTA	comp-Z,20nm,0.7s		P				21 03 40.4	-0.1
CTA	Charters Tower	31.85 271	P	P			21 03 40.6	+0.2
CTA	Charters Tower	31.85 271	P	P			21 03 40.6	+0.2
CTA	comp-Z,104nm,0.5s		P				21 03 40.4	-0.1
CTA	Charters Tower	31.85 271	P	P			21 03 40.4	-0.1
CTA	Charters Tower	31.85 271	P	P			21 03 40.6	+0.2
PMG	Port Moresby	34.94 289	P	P			21 04 05.3	-1.3
PMG	comp-Z,36nm,0.7s,baz=95,slow=4.9,SNR=37		P				21 04 05.7	-1.0
PMG	Port Moresby	34.94 289	P	P			21 04 05.1	-0.6
PMG	Port Moresby	34.94 289	P	P			21 04 05.7	-1.0
PMG	comp-Z,79nm,0.6s		P				21 04 05.9	-0.8
PMG	Port Moresby	34.94 289	P	P			21 05 27.4	-1.9
PMG	Port Moresby	34.94 289	P	P			21 04 06.3	-0.3
STKA	Stephens Creek	34.95 249	P	P			21 06 27.9	+1.7
STKA	comp-Z,6.4nm,0.6s,baz=97,slow=11,SNR=23		P				21 06 27.9	+1.7
STKA	comp-Z,3.4nm,0.7s,baz=107,slow=8.9,SNR=4.2		P				21 09 27.7	+1.1
STKA	comp-Z,1.3nm,0.7s,baz=108,slow=6.4,SNR=9.1		P				21 04 06.4	-0.3
STKA	Stephens Creek	34.95 249	P	P			21 04 06.4	-0.3
STKA	Stephens Creek	34.95 249	P	P			21 05 05.9	-1.1
AS31	Alice Springs	42.35 261	P	P			21 05 06.2	-0.9
ASAR	Alice Springs	42.35 261	P	P			21 06 49.8	-0.3
ASAR	comp-Z,3.8nm,0.9s,baz=94,slow=5.4,SNR=4.4		P				21 09 56.1	+0.7
ASAR	comp-Z,4.4nm,0.8s,baz=102,slow=4.0,SNR=19		P				21 10 51.2	-2.2
ASAR	comp-Z,2.1nm,0.8s,baz=97,slow=16,SNR=7.9		P				21 05 05.4	-1.7
ASAR	Alice Springs	42.35 261	P	P			21 05 05.4	-1.7
ASAR	Alice Springs	42.35 261	P	P			21 05 07.3	-1.4
WB2	Warramunga Arr	42.74 266	P	P			21 05 08.7	-1.4
WB2	Warramunga Arr	42.74 266	P	I	Amb		21 05 10.6	
WRAB	comp-Z,16nm,0.7s		P				21 05 08.0	-2.1
WRAB	Tennant Creek	42.75 266	P	I	Amb		21 05 09.1	
WRAB	comp-Z,14nm,0.5s		P				21 05 08.4	-1.8
WRAB	Tennant Creek	42.75 266	P	P			21 05 08.6	-1.6
WRAB	Tennant Creek	42.75 266	P	P			21 05 08.6	-1.6
WRAB	comp-Z,10.0nm,0.6s		P				21 05 11.0	
WRAB	Tennant Creek	42.75 266	P	P			21 05 08.8	-1.4
WRAB	Warramunga Arr	42.75 266	P	P			21 05 08.8	-1.4
WRA	comp-Z,22nm,0.8s		P				21 09 58.4	+1.4
WRA	Warramunga Arr	42.76 266	P	P			21 10 55.6	-3.6
WRA	comp-Z,8.3nm,0.9s,baz=101,slow=4.0,SNR=17		P				21 10 53.2	-0.8
WRA	comp-Z,14nm,1.1s,baz=104,slow=14,SNR=11		P				21 10 53.6	-3.6
WRA	comp-Z,2.0nm,0.6s,baz=90,slow=0.6,SNR=5.5		P				21 05 08.6	-1.6
WRA	Warramunga Arr	42.76 266	P	P			21 05 08.6	-1.6
WRA	Warramunga Arr	42.76 266	P	P			21 05 08.6	-1.6
WRA	comp-Z,1.0nm,0.8s		P				21 05 59.4	-0.7
KHLU	Kathalu	49.28 30	P	P			21 05 59.4	-0.7
DRV	Dumont d'Urville	49.39 200	P	P			21 06 06.7	+1.6
KIP	Kipapa	49.27 27	P	P			21 06 35.5	+1.2
VNDA	Vanda	54.11 185	P	P			21 07 33.8	+2.0
VNDA	comp-Z,2.9nm,0.7s,baz=350,slow=5.8,SNR=14		P				21 07 33.8	+2.0
VNDA	comp-Z,3.4nm,0.7s,baz=346,slow=4.8,SNR=7.6		P				21 07 33.8	+2.0
VNDA	Vanda	54.11 185	P	P			21 07 33.5	+1.2
VNDA	Soe	55.24 275	P	P			21 06 41.0	-1.5
VNDA	Soe	55.24 275	P	I	Amb		21 06 59.5	
MBWA	Marble Bar	55.69 260	P	P			21 06 44.8	-1.4
CCD	Concordia, Ant	58.53 195	P	P			21 07 05.4	0.0
CCD	comp-Z,2.9nm,0.6s		P				21 08 41.7	+1.0
CCD	Concordia, Ant	58.53 195	P	P			21 08 41.7	+1.0
QSPA	South Pole Qui	65.88 180	P	P			21 07 54.9	+1.8
QSPA	comp-Z,16nm,0.6s,baz=14,slow=0.8,SNR=43		P				21 09 34.9	+1.0
QSPA	comp-Z,14nm,1.0s,baz=26,slow=3.6,SNR=6.4		P				21 07 54.6	+1.5
QSPA	South Pole Qui	65.88 180	P	I	Amb		21 07 56.2	
QSPA	comp-Z,19nm,0.7s		P				21 07 54.5	+1.4
QSPA	South Pole Qui	65.88 180	P	P			21 09 35.6	+1.6
QSPA	South Pole Qui	65.88 180	P	P			21 08 28.3	-0.1
LEM	Lembang	71.55 271	P	P			21 08 32.1	-0.3
LEM	comp-Z,28nm,0.7s,baz=31,slow=4.3,SNR=8.2		P				21 08 32.1	-0.3
LEM	comp-Z,23nm,0.7s		P				21 08 32.1	-0.3
MJAR	Matsushiro Arr	72.35 325	P	P			21 08 31.6	-0.8
MJAR	comp-Z,5.5nm,1.0s,baz=160,slow=5.1,SNR=8.1		P				21 08 31.6	-0.8
MAJO	Matsushiro	72.35 325	P	P			21 08 53.4	+0.3
MAJO	comp-Z,23nm,2.4s		P				21 08 55.0	
BELA	Belgrano 2	76.09 173	P	P			21 08 58.6	-1.8
BELA	comp-Z,18nm,0.7s		P				21 09 02.5	+1.1
MAW	Mawson	77.60 200	P	P			21 09 05.3	-1.2
MAW	comp-Z,9.9nm,0.6s,baz=134,slow=6.2,SNR=12		P				21 09 05.3	-1.2
UNV	Unalaska Valle	78.54 8	P	P			21 09 07.8	+1.0
UNV	comp-Z,9.9nm,0.6s		P				21 09 07.8	+1.0
YSS	Yuzh-Sakhalins	78.56 335	P	P			21 09 07.8	+1.0
YSS	comp-Z,49nm,1.7s		P				21 09 07.7	-0.1
KSR5	Korea Arry	78.71 320	P	P			21 09 11.9	+0.4
KSR5	comp-Z,2.7nm,0.9s,baz=138,slow=6.4,SNR=8.0		P				21 09 11.7	+0.1
PEA0B	Petrovlovsk	79.48 346	P	P			21 09 19.6	+0.3
PETK	Petrovlovsk	79.48 346	P	P			21 09 21.7	+1.0
PETK	comp-Z,12nm,0.8s,baz=129,slow=6.4,SNR=14		P				21 09 19.6	+0.3
S12K	Black Hills	80.98 10	P	P			21 09 21.7	+1.0
NJ2	Nanjing	81.13 311	P	P			21 09 20.6	-0.5
NJ2	comp-Z,9.0nm,1.2s		P				21 09 21.5	+0.7
SCZ2	Santa Cruz Isl	81.22 327	P	P			21 09 21.8	+1.0
USR0A	Ussuriysk Arr	81.22 327	P	P			21 11 07.0	-1.3
USR0A	comp-Z,5.7nm,0.8s,baz=120,slow=3.1,SNR=8.4		P				21 09 19.6	+0.3
USR0A	comp-Z,3.9nm,1.0s,baz=182,slow=6.9,SNR=3.0		P				21 09 21.7	+1.0
USR0A	Ussuriysk Arr	81.22 327	P	P			21 09 22.3	-1.1
USR0A	Ussuriysk Arr	81.22 327	P	P			21 09 22.6	-0.9
USR0A	comp-Z,5.7nm,0.8s		P				21 09 30.3	+6.5
USR0A	Tymovskoe	81.82 337	P	P			21 09 21.7	+1.0
USR0A	San Clemente I	81.33 48	P	P			21 09 22.3	-1.1
USR0A	comp-Z,5.7nm,0.8s		P				21 09 22.6	-0.9
USR0A	comp-Z,3.9nm,1.0s,baz=182,slow=6.9,SNR=3.0		P				21 09 30.3	+6.5
USR0A	Mpherson Peak	81.62 46	P	P			21 09 21.7	+1.0
USR0A	Catalina Islan	81.67 48	P	P			21 09 21.7	+1.0
USR0A	comp-Z,9.0nm,1.2s		P				21 09 20.6	-0.5
USR0A	Ussuriysk Arr	81.22 327	P	P			21 09 21.5	+0.7
USR0A	Ussuriysk Arr	81.22 327	P	P			21 09 21.8	+1.0
USR0A	comp-Z,5.7nm,0.8s,baz=120,slow=3.1,SNR=8.4		P				21 11 07.0	-1.3
USR0A	comp-Z,3.9nm,1.0s,baz=182,slow=6.9,SNR=3.0		P				21 09 21.7	+1.0
USR0A	San Clemente I	81.33 48	P	P			21 09 21.7	+1.0
USR0A	comp-Z,5.7nm,0.8s		P				21 09 22.3	-1.1
USR0A	Catalina Islan	81.67 48	P	P			21 09 22.6	-0.9
USR0A	comp-Z,9.0nm,1.2s		P				21 09 20.6	-0.5
USR0A	Ussuriysk Arr	81.22 327	P	P			21 09 21.5	+0.7
USR0A	Ussuriysk Arr	81.22 327	P	P			21 09 21.8	+1.0
USR0A	comp-Z,5.7nm,0.8s,baz=120,slow=3.1,SNR=8.4		P				21 11 07.0	-1.3
USR0A	comp-Z,3.9nm,1.0s,baz=182,slow=6.9,SNR=3.0		P				21 09 21.7	+1.0
USR0A	San Clemente I	81.33 48	P	P			21 09 21.7	+1.0
USR0A	comp-Z,5.7nm,0.8s		P				21 09 22.3	-1.1
USR0A	Catalina Islan	81.67 48	P	P			21 09 22.6	-0.9
USR0A	comp-Z,9.0nm,1.2s		P				21 09 20.6	-0.5
USR0A	Ussuriysk Arr	81.22 327	P	P			21 09 21.5	+0.7
USR0A	Ussuriysk Arr	81.22 327	P	P			21 09 21.8	+1.0
USR0A	comp-Z,5.7nm,0.8s,baz=120,slow=3.1,SNR=8.4		P				21 11 07.0	-1.3
USR0A	comp-Z,3.9nm,1.0s,baz=182,slow=6.9,SNR=3.0		P				21 09 21.7	

AVF	comp=E,32nm,0.5s	eSg	Sg	21 30 11.1 +0.3
AVF	Avril sur Loir	5.56 105	Pn	21 28 42.2 +0.1
AVF			Sg	21 30 16.3 -1.5
SSF	Saint Saulge	5.57 102	ePn	21 28 42.6 +0.8
SSF	Saint Saulge	5.57 102	ePn	21 29 47.5 +4.4
SSF			eSn	21 29 43.6 -2.6
SSF	comp=E,48nm,0.6s			21 30 17.5 -0.5
SSF	comp=E,25nm,0.3s			21 28 41.8 -0.4
SSF	Saint Saulge	5.57 102	Pn	21 28 45.1 +0.8
OSSF	Osses	5.72 156	Pn	21 28 45.0 +0.4
LOR	Lormes	5.74 99	ePn	21 28 50.0 +5.4
LOR	Lormes	5.74 99	ePn	21 29 46.1 -4.4
LOR	comp=E,52nm,0.5s			21 30 24.2 +0.7
LOR	comp=E,52nm,0.5s,baz=284			21 28 44.2 -0.4
LOR	Calviac	5.74 99	Pn	21 28 44.3 +0.5
CAF	Calviac	5.75 126	ePn	21 28 49.4 +4.6
CAF	Calviac	5.75 126	ePn	21 29 46.1 -4.7
CAF	comp=E,55nm,0.5s			21 30 24.3 +0.4
CAF	Calviac	5.75 126	Pn	21 28 45.3 +0.5
CAF	Ste Jean	5.86 156	ePn	21 28 51.3 +5.0
SJPF	Ste Jean	5.86 156	ePn	21 29 48.3 -5.2
SJPF	comp=E,9.3nm,0.3s			21 30 27.5 0.0
SJPF	comp=E,10nm,0.5s			21 28 45.8 -0.5
SJPF	Ste Jean	5.86 156	Pn	21 28 51.1 +4.6
BAIF	Baives	5.88 72	ePn	21 29 49.5 -4.4
BAIF	Baives	5.88 72	ePn	21 28 47.3 +0.8
BAIF	Baives	5.88 72	Pn	21 28 47.7 +0.6
BAIF	Signal de Mont	5.93 105	ePn	21 28 52.4 +5.3
BAIF	Signal de Mont	5.93 105	ePn	21 29 52.0 -3.1
BAIF	comp=E,6.9nm,0.2s			21 30 30.0 +0.5
BAIF	comp=E,34nm,0.7s			21 28 47.2 +0.1
BAIF	Baives	5.88 72	Pn	21 28 50.1 +0.2
BAIF	Baives	5.88 72	Pn	21 28 50.1 +0.2
BAIF	Baives	5.88 72	Pn	21 28 56.8 -3.4
BAIF	Signal de Mont	5.93 105	ePn	21 28 51.7 +0.4
BAIF	Signal de Mont	5.93 105	ePn	21 28 51.7 0.0
BAIF	Signal de Mont	5.93 105	ePn	21 28 56.5 +4.8
BAIF	Signal de Mont	5.93 105	ePn	21 29 58.2 -5.0
BAIF	comp=E,5.3nm,0.3s			21 28 52.3 +0.4
BAIF	Givet	6.28 72	ePn	21 29 59.4 -4.3
BAIF	Givet	6.28 72	ePn	21 30 39.3 -1.5
BAIF	comp=E,26nm,0.4s			21 28 52.8 +0.9
BAIF	Givet	6.28 72	Pn	21 28 52.7 +0.7
BAIF	Maredsous	6.29 70	ePn	21 30 04.1 +0.2
BAIF	Maredsous	6.29 70	ePn	21 28 53.4 +0.8
BAIF	Maredsous	6.29 70	Pn	21 30 01.3 -4.0
BAIF	Maredsous	6.29 70	Pn	21 28 53.8 +0.6
BAIF	Maredsous	6.29 70	Pn	21 30 02.5 -3.4
BAIF	Maredsous	6.29 70	Pn	21 28 53.8 +0.6
BAIF	Maredsous	6.29 70	Pn	21 30 41.9 -1.7
BAIF	Maredsous	6.29 70	Pn	21 28 54.4 +0.2
BAIF	Maredsous	6.29 70	Pn	21 28 59.2 +5.0
BAIF	Maredsous	6.29 70	Pn	21 30 03.4 -4.3
BAIF	Maredsous	6.29 70	Pn	21 30 45.3 -0.6
BAIF	Maredsous	6.29 70	Pn	21 28 53.9 -0.3
BAIF	Maredsous	6.29 70	Pn	21 28 52.9 +0.1
BAIF	Maredsous	6.29 70	Pn	21 28 55.7 +0.2
BAIF	Maredsous	6.29 70	Pn	21 28 57.6 +0.7
BAIF	Maredsous	6.29 70	Pn	21 30 07.6 -5.1
BAIF	Maredsous	6.29 70	Pn	21 28 59.1 +1.1
BAIF	Maredsous	6.29 70	Pn	21 28 59.1 +1.1
BAIF	Maredsous	6.29 70	Pn	21 29 27.4 -1.5
BAIF	Maredsous	6.29 70	Pn	21 30 11.0 -4.8
BAIF	Maredsous	6.29 70	Pn	21 30 55.1 -1.4
BAIF	Maredsous	6.29 70	Pn	21 29 00.0 +1.1
BAIF	Maredsous	6.29 70	Pn	21 28 57.5 -2.2
BAIF	Maredsous	6.29 70	Pn	21 29 01.9 +0.5
BAIF	Maredsous	6.29 70	Pn	21 29 06.8 +5.4
BAIF	Maredsous	6.29 70	Pn	21 30 15.0 -5.7
BAIF	Maredsous	6.29 70	Pn	21 31 01.7 -1.1
BAIF	Maredsous	6.29 70	Pn	21 29 01.9 +0.5
BAIF	Maredsous	6.29 70	Pn	21 29 02.0 +0.5
BAIF	Maredsous	6.29 70	Pn	21 29 02.6 +0.8
BAIF	Maredsous	6.29 70	Pn	21 29 03.6 +0.9
BAIF	Maredsous	6.29 70	Pn	21 29 03.9 +1.1
BAIF	Maredsous	6.29 70	Pn	21 30 21.8 -1.4
BAIF	Maredsous	6.29 70	Pn	21 29 03.2 -0.4
BAIF	Maredsous	6.29 70	Pn	21 30 27.2 +2.7
BAIF	Maredsous	6.29 70	Pn	21 29 04.5 +0.1
BAIF	Maredsous	6.29 70	Pn	21 30 21.3 -5.1
BAIF	Maredsous	6.29 70	Pn	21 29 05.1 -0.1
BAIF	Maredsous	6.29 70	Pn	21 29 10.4 +5.2
BAIF	Maredsous	6.29 70	Pn	21 30 21.6 -5.8
BAIF	Maredsous	6.29 70	Pn	21 31 10.8 -0.8
BAIF	Maredsous	6.29 70	Pn	21 29 05.8 +0.1
BAIF	Maredsous	6.29 70	Pn	21 30 24.7 -3.6
BAIF	Maredsous	6.29 70	Pn	21 31 10.9 -1.8
BAIF	Maredsous	6.29 70	Pn	21 29 04.9 -0.8
BAIF	Maredsous	6.29 70	Pn	21 31 08.6 -4.1
BAIF	Maredsous	6.29 70	Pn	21 29 06.0 +0.3
BAIF	Maredsous	6.29 70	Pn	21 30 24.4 -4.0
BAIF	Maredsous	6.29 70	Pn	21 31 11.1 -1.7
BAIF	Maredsous	6.29 70	Pn	21 29 07.2 +1.5
BAIF	Maredsous	6.29 70	Pn	21 31 11.3 -1.5
BAIF	Maredsous	6.29 70	Pn	21 29 06.6 +0.3
BAIF	Maredsous	6.29 70	Pn	21 29 07.9 +0.6
BAIF	Maredsous	6.29 70	Pn	21 30 27.4 -3.9
BAIF	Maredsous	6.29 70	Pn	21 31 14.4 -2.1
BAIF	Maredsous	6.29 70	Pn	21 29 08.2 +0.9
BAIF	Maredsous	6.29 70	Pn	21 29 08.3 +0.7
BAIF	Maredsous	6.29 70	Pn	21 29 10.0 +0.9
BAIF	Maredsous	6.29 70	Pn	21 29 09.6 -0.6
BAIF	Maredsous	6.29 70	Pn	21 30 31.6 -4.8
BAIF	Maredsous	6.29 70	Pn	21 31 21.1 -2.1
BAIF	Maredsous	6.29 70	Pn	21 29 08.7 -1.5
BAIF	Maredsous	6.29 70	Pn	21 29 11.9 -0.7
BAIF	Maredsous	6.29 70	Pn	21 29 18.3 +5.3
BAIF	Maredsous	6.29 70	Pn	21 30 37.1 -4.4
BAIF	Maredsous	6.29 70	Pn	21 31 27.0 -2.8
BAIF	Maredsous	6.29 70	Pn	21 29 16.0 +0.7
BAIF	Maredsous	6.29 70	Pn	21 30 41.1 -4.4
BAIF	Maredsous	6.29 70	Pn	21 31 32.2 -2.8
BAIF	Maredsous	6.29 70	Pn	21 29 20.6 +1.8
BAIF	Maredsous	6.29 70	Pn	21 30 47.4 -4.4

LPL	La Plagne	8.22 107	Pn	Pn	21 29 20.7 +1.9
SEINEN	La Senin/Sane	8.27 101 <td>Pn</td> <td>Pn</td> <td>21 29 19.9 +0.5</td>	Pn	Pn	21 29 19.9 +0.5
KIZ	Kirchzarten	8.29 89 <td>Pn</td> <td>Pn</td> <td>21 29 19.5 -0.1</td>	Pn	Pn	21 29 19.5 -0.1
BNI	Bardonecchia	8.40 110 <td>Pn</td> <td>Pn</td> <td>21 29 22.7 +1.6</td>	Pn	Pn	21 29 22.7 +1.6
MTE	Monteignas	8.41 196 <td>Pn</td> <td>Pn</td> <td>21 29 20.3 -0.9</td>	Pn	Pn	21 29 20.3 -0.9
BFO	Black Forest	8.52 86 <td>Pn</td> <td>Pn</td> <td>21 29 22.2 -0.5</td>	Pn	Pn	21 29 22.2 -0.5
MBDF	Montbardon	8.62 112	ePn	Pn	21 29 24.8 +0.7
FUORN	Ofenpass-Fuorn	10.14 95	ePn	Pn	21 29 46.8 +1.7
CIMO	Cimolais	11.67 95	ePn	Pn	21 30 06.2 +0.4
NACMG	Naroch	20.27 60	eP	Pn	21 31 57.9 +1.2
	comp=Z,12nm,0.8s,baz=265				
<p>DC 11 21:39:03.7-0.7, 10:835x161.43E,h0km,mb4.3/15, mbtmp4.3/17,ML.4.5/2,MS3.6/15,Error ellipse: s-maj=21.0km s-min=17.1km az=88.0</p> <p>NEIC 11 21:39:05.7-1.1, 10:905/0:08-161.46E:0.05, h10km,5km, mb5.0/17, Error ellipse: s-maj=12.3km s-min=5.4km az=201.0</p> <p>ISC 11 21:39:07.8-0.5, 10:935x0:07x161.45E:0.10, h28km, n59, c190/48, mb4.4/21, MS3.6/11, Bougainville-Solomon islands region</p>					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
HNR	Honiara	2.10 315	Op	h m s	ISC
HNR	Honiara	2.10 315	Op	21 39 40.1	-1.0
HNR	2μm,0.3s,baz=236,slow=15,SNR=7.5				
HNR	2μm,0.3s,baz=236,slow=15,SNR=7.5			21 40 07.0	+0.8
HNR	comp=Z,8μm,18.8s,baz=102,slow=42				
HNR	comp=Z,8μm,18.8s,baz=102,slow=42			21 39 40.1	-1.0
HNR	Honiara	2.10 315	Pn	21 40 06.0	-0.2
KOUNC	Kouam, New Ca	9.95 164	Pn	21 41 28.2	-0.7
LIFNC	Lifou	11.26 151	Pn	21 41 45.2	-1.7
DZM	Mont Dzumac	12.07 157	Pn	21 41 58.7	+0.6
DZM	0.4nm,0.3s,baz=356,slow=12,SNR=7.3				
DZM	comp=Z,481nm,18.2s,baz=39,slow=35			21 46 14.7	
DZM	7.2nm,0.9s				
DZM	Mont Dzumac	12.07 157	Pn	21 41 56.8	-1.3
MARNC	Marce Loyalty	12.24 150	Pn	21 41 59.9	-0.5
PMG	Port Moresby	14.15 275	LR	21 47 47.0	
CTA	Charters Town	17.23 236	LR	21 48 23.5	
PATS	Pohnpei	17.92 350	P	21 43 17.2	+1.6
PATS	Pohnpei	17.92 350	P	21 43 21.2	
WR0	Warramunga Arr	27.41 248	P	21 44 51.5	+0.2
WR0	comp=Z,29nm,1.9s			21 45 19.2	
WR0	Warramunga Arr	27.50 248	P	21 44 52.0	-0.1
WR2	Warramunga Arr	27.58 248	P	21 44 52.4	-0.4
WRA	Warramunga Arr	27.59 248	P	21 44 52.8	-0.1
WRA	comp=Z,2.9nm,0.6s,baz=78,slow=9,SNR=14				
WRA	comp=Z,2.9nm,0.6s,baz=78,slow=9,SNR=14			21 55 40.4	
WRA	comp=Z,265nm,18.1s,baz=44,slow=36				
WRA	comp=Z,2.9nm,0.8s			21 44 51.5	-1.4
STKA	Stevens Creek	27.77 218	P	21 44 55.5	+1.2
STKA	Stevens Creek	27.77 218	P	21 55 58.5	
STKA	comp=Z,206nm,18.8s,baz=26,slow=36				
STKA	comp=Z,1.8nm,0.8s			21 45 04.8	+0.5
ASAR	Alice Springs	29.12 241	P	21 45 58.5	-1.1
ASAR	comp=Z,0.9nm,0.8s,baz=64,slow=10,SNR=7.5			21 56 41.6	
H11S2	WAKE ISLAND Hy 29.69	10 T	T	22 16 21.4	
H11S3	WAKE ISLAND Hy 29.69	10 T	T	22 15 54.8	
H11S1	WAKE ISLAND Hy 29.70	10 T	T	22 16 14.4	
H11N1	WAKE ISLAND Hy 30.92	10 T	T	22 17 33.9	
H11N3	WAKE ISLAND Hy 30.93	10 T	T	22 17 30.1	
H11N2	WAKE ISLAND Hy 30.93	10 T	T	22 17 46.3	
BKZ	Black Stump Fm	31.15 257	P	21 45 24.2	-0.1
MBWA	Marble Bar	41.25 150	P	21 46 50.6	-0.2
MBWA	comp=Z,24nm,1.3s			21 47 33.2	
JAGI	Jajag, Banyuwa	46.65 269	P	21 47 33.1	-1.2
JAGI	comp=Z,22nm,0.8s			21 47 33.4	
JGF	Kuroka	51.58 335	P	21 48 10.0	-1.7
JMN	Monobe	51.58 331	P	21 48 12.0	+0.3
JMN	comp=Z,32nm,1.1s			21 48 30.6	
MJAR	Matsushiro Arr	52.04 336	P	21 48 13.9	-1.2
JUNU	Nakatsue	52.62 328	LR	22 10 46.1	
ASAJ	Asahikawa	57.40 344	LR	22 13 18.1	
KRSR	Korea Array	57.49 329	P	21 48 54.0	-0.5
KRSR	comp=Z,2.1nm,0.7s,baz=153,slow=7.4,SNR=9.9			22 11 31.2	
USRK	Ussuriysk Arr	61.04 336	P	21 49 19.3	+0.4
USRK	comp=Z,1.1nm,0.7s				
USRK	comp=Z,8.1nm,0.8s				

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers. Includes entries like FSSB Fossobrone, ROM 11 21:50:21.1, and various other stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers. Includes entries like T1245 Castelsantange, T1245 Civita (PG), and various other stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers. Includes entries like ARXS 4.3nm,0.4s, ARXS Arharly, and various other stations.

AEIC 11 21:56:38.6 ± 1.2, 61.81N, 0.003:154.00W, h5km, 6km, ML3.3, ML3.3/126(NEIC), Error ellipse: s-maj=5.9km, s-min=4.2km, az=99.0
NEIC 11 21:56:38.7 ± 1.7, 61.77N, 0.02:153.98W, h7km, 9km, Error ellipse: s-maj=5.8km, s-min=3.0km, az=109.0
ISC 11 21:56:38.8 ± 1.0, 61.80N, 0.02:153.98W, h7km, 10km, n134, 0.09/131, Southern Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like IPOC Station P, Diego Aracena, Punta Patache, etc.

KRNET 11 23:32:45.6:0.1, 39°11'N, 74°29'E, mb3.2
SOME 11 23:32:58.6, 39°75'N, 73°97'E, h10km
NWC 11 23:33:04.3:6.1, 40°09'N, 73°99'E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=47.9km s-min=27.0km az=168.0

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Lists numerous stations and their observations.

BTLS 1.1nm,0.6s eS Sg 23 35 49.8 -0.6
IDC 11 23:47:23.7:4.5, 37°50'N, 71°53'E, h83km, 26km, mb3.5/8, mlpv3.8/14, Error ellipse: s-maj=54.9km s-min=17.6km az=148.0

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Lists numerous stations and their observations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PanZhiHua, Keskin Array B, etc.

ROM 11 23:57:21.6:0.0, 42.7727N, 0°00'2.13:192E±0.004, h11km, Mdo.9/3, 2C-3D, Error ellipse: s-maj=0.3km s-min=0.2km az=286.0, Central Italy

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Lists numerous stations and their observations.

ROM 11 23:57:37.0:0.1, 43.0171N, 0°00'3.13:099E±0.005, h9km, ML2.6/36, 21C-28D, Error ellipse: s-maj=0.4km s-min=0.2km az=50.0, Central Italy

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Lists numerous stations and their observations.

Table of station data for 12D 0h, including call signs (e.g., PSA00, MBWA), frequencies, and other technical details.

Table of station data for 2016 DEC, including call signs (e.g., VRAC, MOA), frequencies, and other technical details.

Table of station data for various time slots (e.g., WBNET 12:00:20:47.5, 0.50:24N, 12:46E, h8km, MIO.0), including call signs, frequencies, and other technical details.

12d 1h

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

ADC 12 01:35:01.7-67.0, 20.82S:176.36W, h0km, mb3.7/3, mtbpm3.7/3, MS3.7/1, Error ellipse: s-maj=1236.0km s-min=177.3km az=84.0, Fiji Islands region

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

NNC 12 01:35:27.0-7.0, 42.95N:72.40E, h0km, mb2.9, mpv2.7, Error ellipse: s-maj=12.9km s-min=3.9km az=2.0

KRNET 12 01:35:27.0-1.0, 42.84N:72.40E, h21km, mb2.6, SOME 12 01:35:27.0, 42.90N:72.38E, h20km

KNET 12 01:35:29.0-0.7, 42.85N:72.63E, h1km, mb1.7, Error ellipse: s-maj=5.1km s-min=3.7km az=109.0

ISC 12 01:35:27.3-1.2, 42.89N:0.04:72.44E, 0.02, h8km, 11km, n34, c087/61, 24C-100, Kyrgyzstan

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including MRKS Merke, EKS2 Erkin-Say, AML Almayashu, KK31 Karatay Array, etc.

2016 DEC

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like KUU Kurty, KUU Kurty.

VAO 12 01:40:19.6-0.3, 30.97S:71.34W, h10km, mb5.2, SJA 12 01:40:20.6-0.7, 30.82S:71.68W, h31km, 2km, ML5.3, MV4.9, MW5.0(GUC)

MOS 12 01:40:24.4-1.1, 30.98S:71.15W, h57km, mb5.3/12, Error ellipse: s-maj=14.6km s-min=7.0km az=96.6

ISC-EH 12 01:40:25.0, 30.95S:71.26W, h50km, Error ellipse: s-maj=2.6km s-min=1.6km az=68.0

NEIC 12 01:40:25.0-0.3, 30.93S:71.18W, h50km, 2km, mb4.6/26, mltbpm4.8/31, MS4.0/27, Error ellipse: s-maj=14.6km s-min=8.2km az=73.0

GUC 12 01:40:25.0-0.7, 30.94S:71.34W, h52km, 2km, ML5.3, NEIC 12 01:40:25.0-1.7, 30.94S:0.04:71.42W, 0.06, h50km, 3km, mb5.2/356, Mwr4.8/56, Mwr4.8, Mwr5.0(GUC), Error ellipse: s-maj=7.6km s-min=5.2km az=81.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mn:1.81; Mw:-0.12; Ms:-1.70; Mx:0.54; My:-0.02; Mz:-1.47;

Fault plane solution: T2.350000x10^16 NP2: p=167.530000, s=66.010000, t=80.060000; N1: p=325.860000, s=111.200000, t=2.449999; P1: p=167.000000, s=55.000000, t=-0.206499; Azm172.000000; P-2.2435, Plg20.000000; Azm265.000000;

NEIC 12 01:40:26.3-1.0, 30.91S:71.28W, h60km, Moment Tensor Solution. Duration: 480 Moment tensor: Scale 10^16Nm; Mn:2.21; Mw:-0.68; Ms:-1.53; Mx:0.37; My:-0.50; Mz:-0.57; Fault plane solution: T2.130000x10^16 NP1: p=35.000000, s=41.000000, t=107.000000; NP2: p=192.000000, s=51.000000, t=175.000000; Principal axes: T 2.3579, Plg77.000000; Azm48.000000; N-0.5621, Plg11.000000; Azm202.000000; P-1.7959, Plg5.000000; Azm293.000000;

GCMT 12 01:40:28.0-0.4, 31.03S:0.02:71.62W, 0.03, h52km, 1km, MW5.0/71, Moment Tensor Solution. s=44.056, M=71.683, Duration: 0 Moment tensor: Scale 10^16Nm; Mn:6.92; Mw:-1.7; Ms:0.17; Mx:-3.86; My:1.3; Mz:0.49; Mn:0.01; Mw:-0.96; Ms:1.3; Best double couple: M3.92700x10^16 NP1: p=172.000000, s=53.000000, t=81.000000; NP2: p=8.000000, s=838.000000, t=102.000000; Principal axes: T 3.8740, Plg80.000000; Azm43.000000; N 0.1040, Plg7.000000; Azm178.000000; P-3.9800, Plg7.000000; Azm269.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 12 01:40:24.8-0.2, 30.92S:0.02:71.35W, 0.03, h50km, 1km, h50km, P-P, n571, c1349/694, mb5.2/12, MS4.1/28, 23C-20D, Near coast of central Chile

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including CO06 Fray Jorge, CO02 Combarbal, CO03 El Pedregal, etc.

Main station list table with columns: Station Name, Time, Res, and other parameters. Lists numerous stations including MT05 Renca, FCH Farellones, MT03 Universidad Ad, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ITAB, ADOB, AQB, and various regional call signs.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RCBR, JTS, JWS, and various regional call signs.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like U59A, SWET, VVDA, and various regional call signs.

12d 2h

Table of station data for the 12d 2h period, including call signs like GO02, LVC, PB09, and various frequency and power details.

2016 DEC

Table of station data for the 2016 DEC period, including call signs like GLA, BLYC, PFO, and various frequency and power details.

860

Table of station data for the 860 period, including call signs like BMO, PLID, G08A, and various frequency and power details.

FUN 12 02:30:00.8, 8.23NM:72:02W, h2km, MW3.3
RSNC 12 02:30:01.8, 1.2, 8.27N:72:04W, h1km, 6km, ML2.7
ISC 12 02:30:00.8-0.8, 8.29N:0.02:72:00W-0.03, h10km, n29,
i:168/58, 1D, Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like Capacho, Socops, Pamplona, etc.

IDC 12 02:31:08.1+0.5, 53:72N:125:56E, h0km, mb4.2/25,
mbtmp4.3/33, ML3.9/6, MS3.9/47, Error ellipse:
s-maj=1.1, 1km s-min=9.3km az=79.0
NEIC 12 02:31:08.9-1.6, 53:75N:0.02:125:5E:0.1, h10km, 1km,
mb4.8/9.9, Error ellipse: s-maj=14.5km s-min=2.9km
az=93.0
SKHL 12 02:31:08.9-0.9, 53:75N:125:53E, h16km, 1km, mb5.5/8,
MAPV, Felt (IV-V) at Kisky Kyuch, Gongga; (IV) at
Ivanovka; (III-IV) at Magdagachi, Pioneer, Tygda, Ovsyanka,
Algach; Felt (III) at Skovorodino, Yubileni; (II-III) at Tynda
MOS 12 02:31:08.5-1.4, 53:68N:125:50E, h19km, 4g/26,
MS4.0/9, Error ellipse: s-maj=7.7km s-min=5.5km
az=112.0
MOS Felt (IV-V) at Gonzha; (IV) at Ivanovka, Nikolayevka,
Ovsyanka, Algach; (III-IV) at Magdagachi, Zeya; (III-II) at

Table with columns: Station ID, Name, Frequency, Power, Mode, and various signal quality metrics. Includes stations like AAK, TNCH, ANM, ARU, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and various signal quality metrics. Includes stations like P18K, H24K, O19K, F25K, NEA2, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and various signal quality metrics. Includes stations like N25K, G30M, EYAK, INK, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KIV, KBZ, KBZ, MNK, MNK, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NEW, NEW, FETA, DAVA, FUORI, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WRAB, WRA, WRA, ASAR, ASAR, etc.

MDD 12 02:55:26.4/2.0, 34°59'N; 13°25'W, h34km, 85km, Mb4.0/1, M1/b3/3/1, Error ellipse: s-maj=42.4km s-min=10.4km

CNRM 12 02:55:35.5, 34°53'N, 11°9'W, h173km, m2.8, ISC 12 02:55:27.5-3.8, 34°53'N-07°12'W, 0.2, h35km, n13, 15°53'N, 11°C, Madeira Islands region

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

BUI 12 02:56:56.7/0.0, 31°28'S; 68°8'W, h10km, m5.4/4, Ms5.4/1

IDC 12 02:56:57.5/0.3, 30°92'S; 67°97'W, h0km, mb5.0/22, mbmp4.9/27, ML4.6/5, MS4.1/36, Error ellipse: s-maj=14.1km s-min=6.7km az=101.0

NEIC 12 02:56:59.0/2.5, 30°97'S; 04°48'W, h10km, m1km, mb5.4/450, Mw4.8/58, Mw5.0/0, Md5.1(SJA), Error ellipse: s-maj=8.7km s-min=5.7km az=120.0, Moment Tensor Solution. Moment tensor: Scale 1019Nm; M1: 0.8; M2: 0.69; M3: 0.39; M4: 0.29; M5: 0.82; M6: 1.2; Fault plane solution: M1: 81000*1016; NP1: 344,41000*

36.270000*, 122.660000*. NP2: 104.29000*, 838.49000*, 136.270000*. Principal axes: T: 1.9890, P: 654.0000*, Azm295.0000*, N: -0.4303, P: 370.0000*, Azm151.0000*, P: -1.5587, P: 17.0000*, Azm51.0000*, SJA 12 02:56:58.0/0.7, 30°95'S; 68°08'W, h15km, 6km, ML5.1, MW5.0

MOS 12 02:56:58.9-1.2, 30°92'S; 67°92'W, h18km, mb5.4/22, Error ellipse: s-maj=13.9km s-min=7.2km az=102.5

VAO 12 02:56:59.1/0.3, 30°93'S; 66°05'W, h10km, mb4.9, PRE 12 02:56:59.1/0.3, 30°93'S; 66°05'W, h15km, mb5.1, ISC-EH 12 02:56:59.0/3.0, 30°90'S; 67°95'W, h10km, Error ellipse: s-maj=2.2km s-min=1.9km az=80.0

GCMT 12 02:57:01.0/0.4, 31°31'S; 02°68'W, h11W, 0.02, h22km, 1km, MW5.0/65, Moment Tensor Solution. s26.c27; s65.c20; Duration: 0 Moment tensor: Scale 1019Nm; M1: 2.98*21; M2: 0.55*13; M3: -3.53*15; M4: 1.77*24; M5: 1.59*10; M6: 0.36*22; Best double couple: M4: 0.76000*1016

NP1: 104.300000*, 855.000000*, 151.000000*. NP2: 104.000000*, 851.000000*, 132.000000*. Principal axes: T: 4.0670, P: 1959.0000*, Azm344.0000*, N: 0.0160, P: 1931.0000*, Azm159.0000*, P: -4.0850, P: 2.0000*, Azm250.0000*, nsta2 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 12 02:57:03.30, 30°98'S; 68°06'W, h12km, Moment Tensor Solution. Duration: 106 Moment tensor: Scale 1019Nm; M1: 1.86; M2: 0.53; M3: -2.39; M4: -0.96; M5: 0.87; M6: 2.35; Fault plane solution: M3: 346000*1016; NP1: 175.000000*, 821.000000*, 1106.000000*. NP2: 175.000000*, 869.000000*, 184.000000*. Principal axes: T: 3.0297, P: 656.0000*, Azm238.0000*, N: 0.7366,

LRLAL	Lakeview Retre	66.11 343	P	P	03 07 44.8 -1.0
LRLAL	comp=Z,33nm,1.3s		I	Amb	03 07 54.7
LRLAL	Lakeview Retre	66.11 343	P	P	03 07 45.5 -0.3
LRLAL	baz=161,SNR=5.5				
LRLAL	Lakeview Retre	66.11 343	P	P	03 07 45.2 -0.6
LRLAL	baz=162,SNR=8.5				
342B	Flagon Creek P	66.12 337	P	P	03 07 47.5 +1.6
HODGE	Hodges	66.19 347	I	Amb	03 07 47.2
HODGE	Hodges	66.19 347	P	P	03 07 46.1 -0.2
HODGE	Liburn	66.20 345	I	Amb	03 07 47.2
Y52A	Liburn	66.20 345	P	P	03 07 46.3 -0.2
Y52A	baz=165,SNR=11				03 07 46.3 -0.2
BIRD	Birdtown, Kers	66.27 349	I	Amb	03 07 48.0
BIRD	Birdtown, Kers	66.27 349	P	P	03 07 46.1 -0.7
146A	Union	66.29 341	P	P	03 07 47.5 +0.5
VBMS	Vicksburg	66.33 339	P	P	03 07 48.1 +0.9
VBMS	Vicksburg	66.33 339	P	P	03 07 47.8 +0.6
CNNC	Cliffs of the	66.47 351	P	P	03 07 48.8 +0.7
Z47A	Carrollton	66.54 342	I	Amb	03 07 49.9
Z47A	Carrollton	66.54 342	P	P	03 07 48.5 -0.2
PAULI	Pauline	66.68 348	I	Amb	03 07 50.6
PAULI	Pauline	66.68 348	P	P	03 07 49.4 -0.1
W57A	Gilead	66.69 349	I	Amb	03 07 50.6
W57A	Gilead	66.69 349	P	P	03 07 49.2 -0.3
W57A	baz=169				03 07 49.2 -0.3
Y49A	Blount Mountai	66.74 343	I	Amb	03 07 50.5
Y49A	Blount Mountai	66.74 343	P	P	03 07 49.8 -0.1
KMSC	Kings Mountain	66.91 348	I	Amb	03 07 56.9
KMSC	Kings Mountain	66.91 348	P	P	03 07 51.0 +0.1
KMSC	Kings Mountain	66.91 348	P	P	03 07 50.8 -0.1
143A	Socs Landing, S	67.05 339	P	P	03 07 52.4 +0.5
143A	Socs Landing, S	67.05 339	P	P	03 07 53.2 +1.4
X51A	Calhoun	67.05 345	P	P	03 07 52.0 +0.1
X51A	baz=164,SNR=19				03 07 52.0 +0.1
BG3	Lake Jocassee	67.06 347	I	Amb	03 07 58.5
CASEE	Lake Jocassee	67.06 347	P	P	03 07 52.1 +0.2
V58A	Windy Hill, Pi	67.19 350	I	Amb	03 07 58.8
V58A	Windy Hill, Pi	67.19 350	P	P	03 07 52.9 +0.3
V58A	baz=170,SNR=6.9				03 07 52.9 +0.3
FPAL	Fort Pain	67.20 344	I	Amb	03 07 53.4
NATX	Nacogdoches	67.27 336	P	P	03 07 53.9 +0.6
NATX	Nacogdoches	67.27 336	P	P	03 07 54.1 +0.8
W52A	Murphy	67.36 346	I	Amb	03 07 54.8
W52A	Murphy	67.36 346	P	P	03 07 53.5 -0.3
X48A	Hartselle	67.46 343	P	P	03 07 54.4 -0.1
435B	Jarrell	67.50 333	I	Amb	03 08 01.6
435B	Jarrell	67.50 333	P	P	03 07 55.3 +0.6
U59A	Littleton	67.55 351	I	Amb	03 07 56.6
U59A	Littleton	67.55 351	P	P	03 07 55.4 +0.5
SLBS	Sierra La Lagu	67.56 318	P	P	03 07 55.7 +0.3
SLBS	comp=Z,65nm,1.6s		I	Amb	03 07 59.1
V55A	Yavorsville	67.58 348	I	Amb	03 08 01.9
V55A	Yavorsville	67.58 348	P	P	03 07 55.2 0.0
V55A	baz=168,SNR=7.1				03 07 55.2 0.0
Y45A	Yeager Farm, C	67.58 341	P	P	03 07 55.9 +0.8
Y45A	baz=160,SNR=7.1				03 08 01.7
V53A	Saluda	67.69 347	P	P	03 07 55.8 -0.2
V53A	baz=166,SNR=10				03 07 55.8 -0.2
VNDA	Vanda	67.75 190	P	P	03 07 57.1 +1.3
VNDA	comp=Z,6.8nm,0.9s,baz=134,slow=5.2,SNR=13		LR	LR	03 37 55.8
W50A	Signal Mountai	67.76 345	I	Amb	03 07 57.3
W50A	Signal Mountai	67.76 345	P	P	03 07 56.1 -0.3
CPCT	Cooper Cave	67.83 345	P	P	03 07 56.0 -0.8
CPCT	comp=Z,32nm,1.0s		I	Amb	03 40 30.1
TKL	Tuckaleechee C	67.87 346	LR	LR	03 08 02.5
TKL	Tuckaleechee C	67.87 346	I	Amb	03 07 56.6 -0.4
237A	Washetta, Mont	67.91 335	P	P	03 07 58.6 +1.3
U56A	King	67.92 349	I	Amb	03 08 03.9
U56A	King	67.92 349	P	P	03 07 57.8 +0.5
U56A	baz=169,SNR=5.8				03 07 57.8 +0.5
V52A	Sevierville	68.01 346	I	Amb	03 08 04.0
V52A	Sevierville	68.01 346	P	P	03 07 57.3 -0.6
V51A	Loudon	68.13 346	I	Amb	03 08 04.7
V51A	Loudon	68.13 346	P	P	03 07 58.5 -0.1
T59A	Double "B" Far	68.14 352	I	Amb	03 08 00.2
T59A	Double "B" Far	68.14 352	P	P	03 07 59.3 +0.6
T59A	baz=171,SNR=5.3				03 07 59.3 +0.6
JCT	Junction City	68.14 331	P	P	03 07 59.6 +0.8
PLAL	Pickwick Lake	68.23 342	P	P	03 07 58.2 -1.1
PLAL	comp=Z,42nm,1.3s		I	Amb	03 08 06.4
U54A	Nelsons Funny	68.33 348	I	Amb	03 07 60.0 0.0
U54A	Nelsons Funny	68.33 348	P	P	03 07 60.0 0.0
U54A	baz=167,SNR=8.2				03 07 60.0 0.0
T57A	Hurt	68.39 350	I	Amb	03 08 06.7
T57A	Hurt	68.39 350	P	P	03 08 00.5 +0.3
T57A	baz=170				03 08 00.5 +0.3

WHTX	Lake Whitney,	68.52 333	I	Amb	03 08 02.6
WHTX	comp=Z,44nm,1.4s		P	P	03 08 01.6 +0.4
WHTX	Lake Whitney,	68.52 333	P	P	03 08 01.2 0.0
WHTX	baz=153,SNR=5.2				03 08 01.6 -0.2
V48A	Smith Brothers	68.63 344	P	P	03 08 02.8 +0.7
TZTN	Tazewell	68.68 347	P	P	03 08 04.5
Z38A	Mt. Pleasant	68.75 336	I	Amb	03 08 03.8 +1.2
Z38A	Mt. Pleasant	68.75 336	P	P	03 08 04.2 +1.5
BLA	Blacksburg	68.77 349	P	P	03 08 09.4
CLTN	Cedars of Leba	68.85 344	I	Amb	03 08 04.3 +0.7
TXAR	Litias Array	68.88 327	I	Amb	03 08 03.9 +0.3
TXAR	comp=Z,3.9nm,0.7s,baz=151,slow=8.1,SNR=48		P	P	03 08 05.0
TX31	Lajitas Ar. Si	68.88 327	P	P	03 08 04.6 +1.0
TX31	Lajitas Ar. Si	68.88 327	P	P	03 08 11.2
SS7A	Dark Hollow, R	69.09 351	I	Amb	03 08 05.3 +0.7
SS7A	Dark Hollow, R	69.09 351	P	P	03 08 04.2 -0.6
SS7A	baz=170,SNR=9.1				03 08 06.9
U49A	Red Boiling Sp	69.13 345	P	P	03 08 06.0 +1.1
R58B	Mineral	69.15 352	I	Amb	03 08 06.0 +1.1
R58B	Mineral	69.15 352	P	P	03 08 04.6 -1.0
R58B	baz=171,SNR=14				03 08 05.3 -0.3
WVT	Waverly	69.25 343	P	P	03 08 05.0 -0.6
WVT	Waverly	69.25 343	P	P	03 08 04.6 -1.0
WVT	Waverly	69.25 343	P	P	03 08 12.3
WVT	Waverly	69.25 343	P	P	03 08 07.9
UALR	University of	69.26 339	I	Amb	03 08 07.1
UALR	comp=Z,138nm,1.3s		I	Amb	03 08 05.6 -1.0
CBN	Corbin Frederi	69.33 352	I	Amb	03 08 13.8
T50A	Nancy	69.41 346	I	Amb	03 08 07.2 +0.3
T50A	Nancy	69.41 346	P	P	03 08 06.8 0.0
T50A	baz=165				03 08 07.3 +0.1
MIAR	Mount Ida	69.44 338	I	Amb	03 08 07.3 +0.1
MIAR	Mount Ida	69.44 338	P	P	03 08 08.9 +0.8
MIAR	Mount Ida	69.44 338	P	P	03 08 08.3 +0.2
SS4A	Dingess, Beckl	69.49 349	I	Amb	03 08 14.8
SS4A	Dingess, Beckl	69.49 349	P	P	03 08 14.9
SS4A	baz=168,SNR=7.9				03 08 10.8
Z35A	Perchaven, San	69.63 334	P	P	03 08 09.9 +1.0
LNXT	Lenox	69.66 342	P	P	03 08 10.0
WHAR	Wooly Hollow	69.72 339	I	Amb	03 08 09.9 +1.0
SS1A	Beattyville	69.75 347	I	Amb	03 08 10.3 0.0
R55A	Marlinton	69.78 350	I	Amb	03 08 12.4
R55A	Marlinton	69.78 350	P	P	03 08 10.9 +0.1
R55A	baz=169,SNR=9.2				03 08 10.9 0.0
T47A	Sharon Grove	69.89 344	I	Amb	03 08 10.3 0.0
T47A	Sharon Grove	69.89 344	P	P	03 08 11.6
ABTX	Abilene, Hawle	69.94 332	P	P	03 08 10.6 +0.5
ABTX	Abilene, Hawle	69.94 332	P	P	03 08 10.0 -0.1
PVMO	Portageville	70.01 342	P	P	03 08 10.3 0.0
X37A	Clayton	70.08 336	P	P	03 08 10.9 +0.1
X37A	Clayton	70.08 336	P	P	03 08 10.9 0.0
LCAR	Lake Charles	70.10 340	P	P	03 08 10.9 0.0
R53A	Hurricane	70.12 348	P	P	03 08 10.8 -0.2
R53A	baz=167				03 08 10.8 -0.2
LOOK	Love County	70.20 335	I	Amb	03 08 18.8
TAOE	Nuku Hiva Isla	70.21 271	eLR	LR	03 29 28.0
FCAR	Ozark Folk Cen	70.22 339	I	Amb	03 08 12.5
Q56A	Snyder Ridge,	70.39 351	P	P	03 08 14.6
Q56A	Snyder Ridge,	70.39 351	P	P	03 08 13.4 +0.8
Q56A	baz=170,SNR=6.2				03 08 13.4 +0.8
SDMD	Soldier's Deli	70.46 353	P	P	03 08 13.2 +0.2
SDMD	Soldier's Deli	70.46 353	P	P	03 08 13.7 +0.7
R50A	Paris	70.52 346	P	P	03 08 13.0 -0.3
R50A	baz=165,SNR=5.4				03 08 13.0 -0.3
LIC	Lamto	70.55 70	iP	P	03 08 14.4 +0.3
Q54A	Coxs Mills	70.57 349	I	Amb	03 08 18.9
P57A	Homestead Farm	70.67 352	P	P	03 08 15.3 +1.0
P57A	baz=171,SNR=14				03 08 15.3 +1.0
R49A	Shelbyville	70.70 346	P	P	03 08 14.0 -0.5
R49A	baz=164				03 08 15.8 +1.2
GEDE	Greenville	70.74 354	P	P	03 08 15.7
Q52A	Bidwell	70.79 348	I	Amb	03 08 14.9 -0.1
Q52A	Bidwell	70.79 348	P	P	03 08 17.0 +1.3
TIC	Toumoudi	70.80 70	iP	P	03 08 16.0
CGM3	Cape Girardeau	70.83 342	I	Amb	03 08 15.4 +0.2
PSUB	Penn St. - Bra	70.83 354	P	P	03 08 22.9
WUPA	West Chester U	70.85 354	I	Amb	03 08 16.5 +0.5
KIC	Kosan Boka	70.86 70	iP	P	03 08 14.2 -1.4
WCI	Wyandotte Cave	70.89 345	P	P	03 08 15.7
WCI	Wyandotte Cave	70.89 345	P	P	03 08 14.7 -0.9
WCI	Wyandotte Cave	70.89 345	P	P	03 08 14.7 -0.9
WCI	Wyandotte Cave	70.89 345	P	P	03 08 14.2 -1.4
DBIC	Dimbokro	70.94 70	P	P	03 08 17.3 +0.8
DBIC	comp=Z,19nm,0.9s,baz=239,slow=6.9,SNR=18		LR	LR	03 36 51.6

DBIC	Dimbokro	70.94 70	P	P	03 08 17.1 +0.6
DBIC	comp=Z,30nm,0.9s		I	Amb	03 08 18.2
DBIC	Dimbokro	70.94 70	eP	P	03 08 15.0 -1.5
USIN	University of	70.95 344	I	Amb	03 08 16.1
MVL	Millersville	70.99 353	I	Amb	03 08 23.2
Q51A	Peebles	71.05 347	I	Amb	03 08 22.9
Q51A	Peebles	71.05 347	P	P	03 08 16.3 -0.3
Q51A	baz=166,SNR=7.9				03 08 16.3 -0.3
TUPA	Temple Univer	71.05 354	P	P	03 08 17.5 +1.0
MCWV	Mont Chateau	71.08 350	I	Amb	03 08 18.3
MCWV	Mont Chateau	71.08 350	P	P	03 08 17.2 +0.4
MCWV	Mont Chateau	71.08 350	P	P	03 08 17.9 +1.1
S44A	Carbondale	71.10 342	I	Amb	03 08 16.9
S44A	Carbondale	71.10 342	P	P	03 08 16.6 -0.3
W35A	Tecumseh	71.12 335	I	Amb	03 08 17.8
HHAR	Hobbs	71.15 338	I	Amb	03 08 18.3
HHAR	Hobbs	71.15 338	P	P	03 08 17.4 +0.2
P53A	Whipple	71.15 349	I	Amb	03 08 18.4
P53A	Whipple	71.15 349	P	P	03 08 17.3 +0.1
P53A	baz=168,SNR=5.9				03 08 17.3 +0.1
PANJ	Princeton	71.22 355	P	P	03 08 18.1 +0.5
PAGS	Pennsylvania G	71.26 353	I	Amb	03 08 24.5
RLO	Rose Lookout	71.40 337	I	Amb	03 08 19.9
P52A	Corning	71.42 349	I	Amb	03 08 19.4
P52A	Corning	71.42 349	P	P	03 08 18.6 -0.3
TUL1	Leonard	71.43 336			

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like D41A Chassel, F36A Milaca, TUQ Turquoise Moun, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like LOHW Long Hollow, FLYW Flagg Ranch, YERR Yerington, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like MNK Minsk, ANN Nome, ANN Anapa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOA NORSTAR Array B, SFJD Kangerlussuaq, HFS Hagfors, etc.

NOU 12 04:34:01.6, 21.83S; 170.39E, h0km, MLV5.3/11, Southeast of the Loyalty Islands
NEIC 12 04:34:03.3, 2.0, 21.87S; 0.10, 170.5E; 0.1, h99km, 12km, mb14/17, Error ellipse: s-maj=16.8km s-min=12.7km

Main table for the left column containing station data and event details for various stations like MARE, DZM, EIDS, etc.

GUC 12 04:45:39.5, 0.7, 32.65S; 71.37W, h39km, 2km, ML3.9
NEIC 12 04:45:39.9, 1.3, 32.62S; 0.03, 71.40W; 0.05, h36km, 12km, mb3.8/3, ML3.9(GUC), Error ellipse: s-maj=6.4km s-min=2.2km az=57.0

Table for the middle column containing station data for stations like VA06 Catapilco, VA01 Torpederas, etc.

TRN 12 04:56:19.9, 10.64N; 62.57W, h85km, MD3.3
FUNIV 12 04:56:20.4, 10.66N; 62.47W, h96km, MW3.0
ISC 12 04:56:19.2, 1.4, 10.65N; 0.06, 62.57W; 0.04, h100km, 13km, n16, a143/27, Near coast of Venezuela

Table for the middle column containing station data for stations like CRUV Carupano, TRN Trinidad (W), etc.

ISC 12 04:56:43.6, 6.26; 97N; 56.49E, h0km, mb3.8/7, mbtmp3.8/7, Error ellipse: s-maj=133.4km s-min=31.5km

az=170.0, DSN 12 04:56:48.7, 1.2, 27.11N; 56.83E, h10km, ML3.8/7, Error ellipse: s-maj=48.3km s-min=10.3km az=111.0
TEH 12 04:56:48.4, 27.11N; 56.51E, h20km, ML3.6
OMAN 12 04:56:53.8, 1.2, 26.86N; 56.69E, h20km, 13km, mb5.3/2, mb3.5/20, Error ellipse: s-maj=12.6km s-min=5.3km az=151.0

Main table for the right column containing station data and event details for stations like BNSD Bandar-Abbas, BANOM Banah, etc.

ISC 12 04:56:51.1, 1.0, 27.14N; 56.05E; 0.05, h50km, 14km, n92, a1930/106, mb3.9/7, Southern Iran
ISC 12 05:00:11.3, 23.66S; 179.95W, h538km, 8km, Error ellipse: s-maj=7.8km s-min=4.6km az=147.0

12d 5h

NEIC 12 05:00:12.5s:1.1, 23.7S:0.1:180.0E:0.1, h543km, 8km, mb4.3/52, Error ellipse: s-maj=20.1km s-min=15.1km az=173.0

ISC 12 05:00:11.5:0.5, 23.65S:0.10:179.99E:0.08, h535km, n80, c084/81, mb4.2/34, South of Fiji Islands

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

2016 DEC

comp=2.0, 6nm, 0.4s, baz=339, slow=2.5, SNR=14
CLL Collim 150.62 343 i PKPbc PKPbc 05 19 02.1 -0.7

ARE 12 05:04:28.1:7, 15:33S:0.07:75.8W:0.1, h17km, 6km, Error ellipse: s-maj=19.1km s-min=7.7km az=72.0
NEIC 12 05:04:32.0:1.3, 15:36S:0.09:75.79W:0.07, h36km, 23km, mb4.2/7, ML4.3(ARE), Error ellipse: s-maj=16.0km s-min=3.3km az=218.0

ISC 12 05:04:31.6:1.0, 15:36S:0.08:75.8W:0.1, h35km, n34, c086/34, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the 2016 DEC section.

TUL 12 05:08:17.5:0.5, 36.45N:0.01:98.78W:0.03, h8km, 5km, ML3.2, mb_Lg2.9/35(NEIC), Error ellipse: s-maj=3.2km s-min=1.8km az=109.0

ANF 12 05:08:17.8:0.5, 36.38N:98.75W, h4km, 3km, ML3.6/10, Error ellipse: s-maj=2.6km s-min=2.6km az=24.0

NEIC 12 05:08:18.2:0.5, 36.45N:0.01:98.77W:0.03, h8km, 5km, Error ellipse: s-maj=3.3km s-min=1.9km az=109.0

ISC 12 05:08:17.7:0.6, 36.44N:0.02:98.76W:0.02, h9km, 6km, c178, c062/88, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the 2016 DEC section.

870

X37A Clayton 3.32 123 P Pn 05 09 10.1 +0.4
Z35A Perchaven, San 3.34 158 Pn Pn 05 09 10.7 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the 870 section.

NEIC 12 05:09:46.6:3.0, 50.8N:0.2:173.6W:0.1, h23km, 6km, mb6.7/17, ML3.0(AEIC), Error ellipse: s-maj=28.0km s-min=10.3km az=172.0

ISC 12 05:09:48.9:2.2, 50.9N:0.3:173.6W:0.1, h35km, n27, c1524/26, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the 870 section.

WEL 12 05:13:02.9:0.3, 43.3S:127.173E:1, h5km, 3km, M2.9/17, ML3.3/15, MLv2.9/17, Error ellipse: s-maj=0.0km s-min=0.0km az=144.3, confirmed, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the 870 section.

WEL 12 05:14:00.4:1.81S:174.16E, h19km, ML4.7, Mw4.4, Moment Tensor Solution, s5 Moment tensor, Scale 10^15 Nm; Mr=0.48; Mbb3.92; Mbb4.40; Mbb5.55; Mbb6.34.0

0.4nm,0.6s,baz=67,slow=9.8,SNR=9.5
ASAR LR LR 07 10 35.6
comp=Z.36nm,18.6s,baz=44,slow=37
0.4nm,0.6s
MKAR Makanchi Array 90.22 318 P 07 06 12.7 -0.8
0.2nm,0.5s,baz=79,slow=5.1,SNR=4.2
0.2nm,0.5s

SJA 12 06:58:17.1±0.8,29.75S×71.39W,h36km,2km,ML4.2,
M14.1
NEIC 12 06:58:18.3±2.2,29.69S;0.03;71.45W;0.04,h43km,11km,
mb3.9/5,ML4.3(GUC),Error ellipse: s-maj=5.1km
s-min=4.3km,az=137.0

GUC 12 06:58:18.8±0.7,29.76S;71.31W,h51km,2km,ML4.3
ISC 12 06:58:17.7±1.0,29.73S;0.02;71.45W;0.04,h36km,11km,
n86,±2.21/134,5C-7D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CO05 La Serena, CO04 Tololo Observa, CO06 Fray Jorge, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LCO Las Campanas, CO03 El Pedregal, CO05 El Pedregal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AC04 Llanos de Chal, AR0D Rodeo, ACCO Cerro Coronel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VA06 Catalipilo, ZON Zonda, rTLL Cerro Villicun, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CFA Coronel Fontan, PEL Peldehue, MT02 Curacav, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MT05 Renca, MT03 Universidad Ad.

MT03 Universidad Ad 3.83 168 eP Pn 06 59 17.4 +3.1
MT03 07 00 00.4 +2.2
MT03 07 00 20.3
comp=Z.794nm,0.8s
VA05 Santo Domingo 3.92 182 eP Pn 06 59 16.6 +1.3
VA05 Santo Domingo 3.92 182 iP Sn 06 59 16.3 +0.9
CA05 CERRO LA CRUZ 3.93 87 eP Pn 06 59 17.7 +2.0
ACLC 06 59 18.0 +2.3
ACLC 07 00 03.0 +2.4
ACLC 07 00 12.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MT09 Talagante, MT01 Popeta, LMEL Las Melosas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WEL 12 06:58:36.5±0.5,42.5S;3°17'4E, h5km,ML2.4/7,ML2.8/12, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHZ Kahutara, BSWZ Blackbirch Sta, TUWZ Tuamarina, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEIC 12 07:13:20.5±1.3,11.00S;0.08;160.8E;0.2, h10km,1km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, HNR Honra, KOUNC Koumang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BB00 Buckleboe, KNRA Kunurra, KAPI Kappang, etc.

comp=Z.1.3nm,0.8s
M19K Big River Lodg 80.67 20 P P 07 25 30.5 +0.8
J20K Nowinta River 82.38 18 P P 07 25 42.1 -1.1
J20K Iamb Iamb 07 26 02.2
comp=Z.3.3nm,0.8s
KNK Knik Glacier 82.42 22 P P 07 25 42.0 -1.5
CAST Castle Rocks 82.50 19 P P 07 25 42.7 -1.2
CAST Iamb Iamb 07 25 44.6
comp=Z.1.5nm,0.7s
ILAR Eison Array 85.11 20 LR LR 07 56 54.6
comp=Z.3.4nm,21.5s,baz=112,slow=31
NVAR Mina Array Base 89.77 51 P P 07 26 21.3 +0.8
comp=Z.0.5nm,0.8s,baz=232,slow=5.1,SNR=4.3
comp=Z.0.5nm,0.8s
ESDC Sonsea Array 148.43 337 PKPbc PKIPK 07 33 09.8 -0.5
comp=Z.0.6nm,0.8s,baz=10.0,slow=2.5,SNR=4.9

NEIC 12 07:19:20.2±1.5,12.31N;0.09;141.99E;0.02,h72km,7km,
mb4.7/65,Error ellipse: s-maj=13.2km s-min=2.3km
az=171.0
IDC 12 07:19:23.1±2.5,12.226N;142.25E,h109km,24km,
mb3.9/15,mbmp4.2/16,MS3.3/23,Error ellipse:
s-maj=21.7km s-min=11.8km,az=93.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), JHJ Hachio Iima 2, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11S3 WAKE ISLAND Hy 24.51, H11S1 WAKE ISLAND Hy 24.53, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WBO Warramunga Arr, WR0 Warramunga Arr, etc.

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

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

Table of station data for the 12d 7h region, including columns for TOO, Toolangi, and various station codes like NWA0, GSTR, AKUT, MK31, MKAR, MKAR, CHGN, ANIM, ANIM, KURK, KURK, AAK, AAK, SVW2, SVW2, N19K, N19K, L19K, L19K, P19K, P19K, M19K, M19K, M20K, M20K, K20K, K20K, J20K, J20K, CNPM, CNPM, BRLL, BRLL, PPLA, PPLA, GAR, GAR, KK31, KK31, CAST, CAST, IMAR, IMAR, BVAR, BVAR, BRVK, BRVK, MLY, MLY, BWN, BWN, MCK, MCK, I23K, I23K, H23K, H23K, COLD, COLD, H24K, H24K, T24K, T24K, ILAR, ILAR, J26L, J26L, BMAR, BMAR, EGAK, EGAK, ABKAR, ABKAR, ARU, ARU, INK, INK, YKA, YKA, YBH, YBH, RES, RES, RES, RES, PINE, PINE, NVAR, NVAR, FIA1, FIA1, FINES, FINES, FINES, FINES, ELKO, ELKO, NOA, NOA, RUSC, RUSC, RUSC, RUSC, CHIC, CHIC, CHIC, CHIC, ROSC, ROSC, ROSC, ROSC, BARC, BARC, BARC, BARC, PTBC, PTBC, PTBC, PTBC, VILC, VILC, VILC, VILC, BRRC, BRRC, BRRC, BRRC, GUY2C, GUY2C, GUY2C, GUY2C, PAMC, PAMC, PAMC, PAMC, TAMB, TAMB, TAMB, TAMB, PTGC, PTGC, PTGC, PTGC, ANIL, ANIL, ANIL, ANIL.

Table of station data for the 2016 DEC region, including columns for PRAC, PRAC, ZARCO, ZARCO, ORTC, ORTC, CBOC, CBOC, PLMC, PLMC, UREC, UREC, DBBC, DBBC, YOTC, YOTC, GUVV, GUVV, MACC, MACC, APAC, APAC, GARC, GARC, LLIC, LLIC, LCBC, LCBC, ARGC, ARGC, FLOC, FLOC, SJCC, SJCC, CRUC, CRUC, CRUC, CRUC, NEIC, NEIC, AEIC, AEIC, IDC, IDC, ISC, ISC, Code, Station Name, A° AZ°, Phase ID, Op, ISC, Time, Res, h m s, ISC.

Table of station data for the 876 region, including columns for M26K, M26K, BARN, BARN, L26K, L26K, H20K, H20K, D142, D142, SCRR, SCRR, M27K, M27K, PCLA, PCLA, J26L, J26L, SCAR, SCAR, FYU, FYU, P29M, P29M, HYT, HYT, HYT, HYT, DAWY, DAWY, BMAR, BMAR, M30M, M30M, SKAG, SKAG, N31M, N31M, N31M, N31M, I29M, I29M, WHY, WHY, WHY, WHY, JIS, JIS, EPYK, EPYK, EPYK, EPYK, P33M, P33M, P33M, P33M, INK, INK, INK, INK, YKA, YKA, YKA, YKA, TXAR, TXAR, TXAR, TXAR, SSNC, SSNC, Code, Station Name, A° AZ°, Phase ID, Op, ISC, Time, Res, h m s, ISC.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JOKE Okinoerabujima, JYRO Yoronijima, JOW Kunigami, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I26DE FREYUNG INFRAS, I43RU DUBNA INFRASORION, I31KZ AKTYUBINSK INF, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TSEB Hengchun/Pin, TWKBT Hengchun, TWKBT Hengchun, etc.

Bottom section containing various technical notes, coordinates, and station identifiers such as 'JMA 12 08:53:15.8... 0.4... 36... N2 x 12 9E...', 'KMA 12 08:53:17.5... 0.0... 35... 76N x 129 19E...', 'KEA 12 08:53:17.6... 35.81N... 129.03E...', 'ISC 12 08:53:15.2... 0.9... 35.82N... 0.03... 129.19E... 0.04... h10km, n24, r1509/29, South Korea', 'JMA 12 09:54:30.4... 1.0... 21.61N... 121.28E...', 'CNRM 12 09:51:26.8... 0.9... 35.15N... 0.02... 2.64W...', 'MDD 12 09:51:27.0... 1.0... 35.08N... 2.63W...', 'ISC 12 09:51:26.6... 0.9... 35.15N... 0.02... 2.64W... 0.03, h15km, 7km, n26, r135/48, Strait of Gibraltar', 'IDC 12 09:54:30.4... 1.0... 21.61N... 121.28E...', 'TAP 12 09:54:31.8... 21.54N... 121.00E...', 'JMA 12 09:54:32.7... 0.3... 22.1N... 121.1E...', 'NIED 12 09:54:32.7... 21.59N... 121.02E...', 'Code Station Name Azimuth Phase ID Time Res'.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FUSH, WHP, EWUT, LATG, NFF, ENT, YHNB, PACPP, JYNG, APYP, JKRS, JIJI, JISG, JISG, JIJI, SAMP, SAMP, SMPP, SMPP, KSRs, CMAR, SONM, SONM, KLR, MKAR, MKAR, YAK, ZALV, ZALV, H11N1, H11N2, H11N3, H11S3, H11S1, H11S2, WRA, AAK, KURBB, ASAR, ASAR, BVAR, BVAR, ARU, HFS, NOA.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like 126DE, I37NO, I43RU, I31KZ.

NOU 12 10:09:49.5-176:76S:176:73E, h7km, MLV3.6/8, North Island, New Zealand
WEL 12 10:09:50.8-0.3, 217.7E, h5km, M3.4/61, ML3.7/42, MLV3.6/61, Error ellipse: s-maj=0.0km s-min=0.0km az=178.6, confirmed

ISC 12 10:09:50.7-1.0, 377.6S:0.02-176:78E:0.02, h13km, 2km, n114, 0.99/116, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WHRZ, OPRZ, MARZ, EDZR, WSRZ, LIRZ, WIZ, TGRZ, MKRZ, OMRZ, KARZ, URZ, URZ, NGRZ, HLRZ, RRRZ, UTU, MYRZ, KMRZ, HSRZ, MUGZ, RUGZ, HRRZ, GARZ, HAZ, PRZ, MWZ, RTZ, ALRZ, RAGZ, WPRZ, TOZ, PKGZ, TWGZ, MTHZ, MRHZ, SNRZ, TLZ, RAHZ, PUZ.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RIGZ, MXZ, MXZ, HATZ, WATZ, WNGZ, KUZ, KUZ, NMHZ, CNGZ, RAITZ, WATZ, BKZ, BKZ, KNZ, MKAZ, KATZ, ARHZ, NTVZ, TMVZ, KRKZ, WIAZ, WITZ, MHGZ, NNWZ, OTVZ, ETAZ, TWVZ, SNVZ, MCHZ, KWZ, NGZ, HIZ, NEZ, FWVZ, WHVZ, MBAZ, BHZ, BHZ, AWAZ, GRZ, EPAZ, HBAZ, CKHZ, ABZ, WTAZ, RVAZ, KAHZ, PNHZ, PKZ, WPHZ, TSZ, WAZ, LREZ, DVHZ, NEZ, KHEZ, KHEZ, WAZ, POWZ, BFZ, BFZ, MRZ, OUZ, OUZ, DUWZ, TUVZ, MRNZ, KHZ, GVZ, LTZ.

IDC 12 10:11:38.9-1.1, 217.7N:121:57E, h0km, mb3.7/7, mbmp3.7/7, M3.4/2, Error ellipse: s-maj=52.9km s-min=18.4km az=62.0

TAP 12 10:11:40.3-21:52N:121:02E, h25km, ML3.7, C JMA 12 10:11:42.4-0.5, 22.2N:12:1E, h34km, MV3.8/10, TAIWAN REGION

NIED 12 10:11:42.4, 21:69N:121:04E, h34km, MW4.0, Moment Tensor Solution. s2 Moment tensor: Scale 10^15Nm; Mn:0.78; Mw:0.65; Mx:0.33; My:0.84; Mz:0.19; Mv:0.73; Fault plane solution: Mo:1.33000x10^15 Np1:0.54, 00000, 074, 00000, 181, 00000. NP2:0.263, 00000, 819, 00000, 2, 118, 00000

ISC 12 10:11:42.3-1.0, 217.63N:121:04E:0.03, h19km, 2km, n117, 1.817/137, mb3.5/6, 2C-2D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TSEB, TWKBT, TWKBT, TWK1, TWK1, SNW, SMST, SMST, HEN, HEN, SLIU, SLIU, LIU, LAY, LAY, LYUB, LYUB, TAWH, TAWH, EAST, EAST, SCZT, SCZT, TWP, TWP, ECL, ECL, MASBT, MASBT, LDUT, LDUT, LDUT, TSMG, TSMG, TWGBT, TWGBT, TWGBT, TWGBT, TWT, TWT, TWT, TWT, TWT.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SCST, EDH, ECS, CHKT, CHKT, JIASHI, JIASHI, EHD, STYT, ELDT, STYH, CHN1, WTP, TPUB, TPUB, TWK, TWK, EYUL, TWFI, TSCK, TSCK, CHN4, YULB, YULB, WCKO, YUS, YUS, AYS, AYS, EHY, HGSD, CHY, WFLH, WFLH, WDGJ, WDGJ, WDGJ, WHYT, WHYT, VVDT, VVDT, WTK, WTK, SSLB, SSLB, VCHM, VCHM, ESL, ESL, SMLT, SMLT, TYC, TYC, PHUB, PHUB, WUSB, WUSB, WPG, WPG, WNC, WNC, CHGB, CHGB, WHF, WHF, NACB, NACB, NACB, NACB, ET LH, ET LH, FUSS, FUSS, WHP, WHP, TWQ1, TWQ1, NNSH, NNSH, NNS, NNS, ENA, ENA, LATG, LATG, NSTT, NSTT, NFF, NFF, LIOB, LIOB, ENTT, ENTT, YHNB, YHNB, NSK, NSK, FUSB, FUSB, PACPP, PACPP, APYP, APYP, JKRS, JKRS, PTMZ, PTMZ, JIJI, JIJI, VDOS, VDOS, JISG, JISG, AXDP, AXDP, JTJ, JTJ, SAMP, SAMP, MHZO, MHZO, SMPP, SMPP, CMAR, CMAR, SONM, SONM.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NOA, YAK, KRSR, KLR, etc.

ROM 12 11:19:42.8:0.1,42.711N:0.003:13.227E:0.005, h1km, ML1.6/9,1C,Error ellipse: s-maj=0.4km

Main table of station data for the ROM event, listing station names, coordinates, and signal characteristics.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T1219, OFFI, etc.

IDC 12 11:38:58.0:13.0,10.70S:161.14E,h0km,mb3.5/4, mbtmp3.5/4, Error ellipse: s-maj=39.41km

Table of station data for the IDC event, listing station names and their respective signal parameters.

MAN 12 11:47:47.6:19.10N:121.03E,h1km,mb4.3,ML3.1,MS2.8, 1C-5D, Philippine Islands region

Table of station data for the MAN event, listing station names and their respective signal parameters.

NEIC 12 11:48:53.0:1.3,11.1S:0.2:162.3E:0.2,h45km,25km, mb4.3/9, Error ellipse: s-maj=42.2km s-min=6.4km

IDC 12 11:48:56.0:2.7,11.28S:161.94E,h48km,23km,mb3.5/6, mbtmp3.8/7,ML4.0/2,MS3.4/10, Error ellipse: s-maj=28.5km s-min=19.9km az=67.0

ISC 12 11:48:54.5:0.8,11.25S:0.10:162.1E:0.1,h35km,n33, s12/22,mb3.9/9,MS3.3/6,Bougainville-Solomon Islands region

Main table of station data for the IDC event, listing station names, coordinates, and signal characteristics.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA, ASAR, H11S2, etc.

IDC 12 12:11:39.7:2.8,10.88S:161.71E,h73km,22km,mb3.3/5, mbtmp3.8/6,MS3.6/2, Error ellipse: s-maj=30.5km s-min=18.9km az=65.0

ISC 12 12:11:36.1:1.1,10.7S:0.2:161.9E:0.2,h35km,n14, s25/79,mb3.5/5,Bougainville-Solomon Islands region

Main table of station data for the IDC event, listing station names, coordinates, and signal characteristics.

NAO 12 12:23:29.5:1.6,6.77N:34.36E,ML2.5 BER 12 12:23:30.9:2.7,6.75N:34.42E,h0km,ML2.1, ML2.5(NAO), Suspected explosion

KOLA 12 12:23:31.5:0.7,6.6N:34.2E,h0km,ML2.3 IEL 12 12:23:31.7:0.3,6.77N:34.19E,h0km,ML2.0,Explosion

HSL 12 12:23:32.1:0.9,6.77N:0.004:34.14E:0.04,h0km,n37, s14/60/65, Baltic States-Belarus-Northwestern Russia

Main table of station data for the NAO event, listing station names, coordinates, and signal characteristics.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include KTK1 Kautokoine, PAJU Pajala, LANU Lannavaara, HAMF Hammerfest, etc.

WEL 12:23:46.2,0.4, 42°S,3°17'4E, h6km,3km, M2.7/19, ML3.0/18, MLV2.7/19, Error ellipse: s-maj=0.0km s-min=0.0km az=134.8, confirmed

NOU 12:23:46.8, 42°59'S, 173°46'E, h72km, MLV3.7/6, South Island, New Zealand

ISC 12:23:46.5,0.9,41.96S,0.03,174.09E,0.03,h10km,n41, e1513/43, Cook Strait

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include CMWZ Cape Campbell, BSWZ Blackbirch Sta, BSWZ, TUWZ Tuamarina, etc.

IDC 12:13:06:09.0,2.4, 9.20S,-112.15E, h0km, mb3.4/4, mbtmp3.4/4, MS3.0/9, Error ellipse: s-maj=113.4km s-min=22.6km az=50.0, South of Jawa

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

IDC 12:13:11.2,2.9,21.87S,170.77E, h84km,21km, mb4.1/6, mbtmp4.5/8, MS3.3/9, Error ellipse: s-maj=54.1km s-min=17.1km az=163.0

NEIC 12:13:11.2,2.9,1.5,21.8S,0.1,170.72E,0.08, h93km,4km, mb4.6/23, Error ellipse: s-maj=19.2km s-min=10.2km az=160.0

ISC 12:13:12.3,1.0,5.22S,0.1,170.72E,0.06, h100km, n63, e1517/62, mb4.5/21, D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include MARNC Mare, Loyalty, LIFUNC LIFOU, CUENEC Ouen Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include PMG Port Moresby, COEN Coen, RAR Rarotonga, etc.

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

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ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include CPH Captain Cook, KHLU Kahalu'u, KHLU Kahalu'u, etc.

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

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ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

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ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

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ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

ASAR Alice Springs 25.9, 260 P P 13 11 36.8 -0.5

IDC 12:13:35:15.1, 9.645S,-128.84E, h0km, mb3.6/1, mbtmp3.4/4, MS3.0/9, Error ellipse: s-maj=87.1km s-min=29.4km az=81.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include SIJI Sorong, WRA Warramunga Arr, ASAR Alice Springs, etc.

KRNET 12:13:41:09.1, 0.1, 42.37N, 73.38E, h30km, mb2.7, SOME 12:13:41:09.6, 42.37N, 73.33E, h15km

KNET 12:13:41:11.3, 0.3, 42.37N, 73.51E, h15km, 2km, ml1.9, Error ellipse: s-maj=2.7km s-min=2.0km az=96.0

ISC 12:13:41:09.3, 1.2, 42.37N, 0.04, 73.38E, 0.03, h17km, 9km, n27, e1519/53, 14C-7D, Kyrgyzstan

Table with columns: Station, Time, Res, and various parameters. Includes stations like KUU Kurly, PRZ Przewalski, CHKK Chushkaly, etc.

Table with columns: Station, Time, Res, and various parameters. Includes stations like GOMU, ARU, WSAR, BELG, etc.

Table with columns: BILL, Station, Time, Res, and various parameters. Includes stations like TOLK, IMAR, INK, etc.

IDC 12 14:41:1.4, 8.8, 23.22N, 146.29E, h0km, mb3.4/3, mbtm3.4/3, MS3.1/2, Error ellipse: s-maj=313.2km

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like JOW Kunigami, KRSR Korea Array, etc.

VAO 12 14:42:23.1±0.7, 1.01N, 79.76W, h10km, mb4.9, ISC-EH 12 14:42:24.9, 0.85N, 79.78W, h25km, 5km, Error ellipse: s-maj=5.7km

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like PTGL Punta Galera, PACI Pacto, etc.

NEIC 12 14:42:26.9, 1.41±0.7N, 0.03±7.9W, 69W, h0.06, h35km, 7km, mb4.71/12, Error ellipse: s-maj=9.3km

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like PULLU Puluahua, IMBA Imbaya, etc.

IDC 12 14:42:29.1±2.3, 0.94N, 79.67W, h53km, 21km, mb4.1/16, mbtm4.4/19, ML3.5/3, MS3.7/36, Error ellipse: s-maj=21.9km

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like GERES GERESS Array B, KHC Kasperske Hory, etc.

ISC 12 14:42:22.5±1.2, 0.86N, 0.04±79.75W, h0.04, h8km, 8km, n267, s1814/243, mb4.72, MS3.8/32, 1C, Near coast of Ecuador

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like CRUC La Cruz, COHC Cochancay, etc.

ROSC El Rosal, NORC Norcasia, WILC Vilavencio, AZU Azuero, CHIC Chingaza, UREC San Jos de Ur, ATAH Atahualpa

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like ZARC Zaragoza, BCIP Isla Barro Col, BRUC La Rusia, etc.

JTS Las Juntas de, JTS Tabatinga, CZSB Cruzeiro do, CZSB Santa Dominga, SDV Santo Domingo

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like SDV Santo Domingo, ACON Acopya, GCBN Gabriel d, NNA Nana, etc.

NNA Nana, BAUV El Baul

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like BAUV El Baul

Table with columns for station name, frequency, power, and other technical details. Includes stations like BINY Binghamton, CRNM Carthage, ANMO Albuquerque, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LATQ La Tuque, MONP2 Monument Peak, D62A Allapatt, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MZP Montezuma Peak, VES Vestal, HANSEL Valley, etc.

Table with columns: YKA, Yellowknife Ar, 66.76 343 P, 16 04 46.5 -0.3, etc. Includes various station names like Kotaneelee Air, Bob Quinn, Kangerlussuaq, etc.

Table with columns: I29M, Ogilvie Camp, 76.53 338 P, 16 05 46.8 +1.1, etc. Includes various station names like Sachs Harbour, Moncros, Edge Creek, etc.

Table with columns: ILAR, Eielson Array, 79.59 336 P, 16 06 03.0 +0.3, etc. Includes various station names like Rabbit Creek A, Sheenjek River, etc.

Table with columns: STKA, Stephens Creek, 27.00 156 P, 16 28 57.0 +1.1, etc. Includes various station names and coordinates.

Table with columns: BNX, ODAN, ODAN, TAPN, etc. Includes various station names and coordinates.

Table with columns: KMBO, KLima Mbogo, KLima Mbogo, MLY, etc. Includes various station names and coordinates.

Code Station Name A° AZ° Phase ID Op ISC Time Res
MNVVA Monemvasia 0.24 244 P Pn 16 25 45.0 +1.0
MNVVA AML 16 25 51.6 -0.3
MNVVA AML 16 25 53.0

WFSB	eS	Sg	18 40 36.6	-0.6
NTY Taoyuan	0.98 338 eP	Pn	18 40 25.1	+0.1
NCUH Zhongji	1.00 332 eP	Pb	18 40 25.0	+0.3
NCU National Centr	1.00 332 eP	Pn	18 40 25.4	+0.2
NCU	eS	Sn	18 40 40.6	+1.4
ALS Alishan	1.01 235 i/P	Pn	18 40 25.2	-0.4
ALS	S	Sb	18 40 38.9	+0.6
WDJ Dajia District	1.01 285 eP	Pn	18 40 26.7	+1.3
SX11 Grass Mountain	1.01 9 i/P	Pg	18 40 24.8	-0.2
SX11	eS	Sn	18 40 40.9	+1.2
CHKT Chengkung	1.03 198 eP	Pg	18 40 24.6	-0.7
WYL Yuanlin Townsh	1.04 263 eP	Pn	18 40 26.8	+1.0
WYL	eS	Sn	18 40 41.8	+1.6
TWS1 Kuangyinshan	1.04 345 eP	Pn	18 40 25.8	0.0
TWS1	eS	Sn	18 40 41.5	+1.2
EHD Haiduan	1.04 206 eP	Pg	18 40 23.5	-2.0
WCHH Zhanghua	1.05 270 eP	Pn	18 40 26.9	+1.0
TNOU National Taiwa	1.06 3 eP	Pg	18 40 25.6	-0.3
YMO1 YMO1	1.06 353 i/P	Pb	18 40 25.8	0.0
CHN5 Tsauling	1.06 243 eP	Pb	18 40 25.5	-0.2
ECS Chishang	1.09 204 eP	Pn	18 40 26.5	+0.1
NHW Xinwu Township	1.09 327 eP	Pn	18 40 27.0	+0.4
NTST Danchui	1.10 348 eP	Pb	18 40 26.5	+0.1
ELDTW Lidau	1.10 215 eP	Pg	18 40 24.9	-1.7
YMO8 YMO8	1.10 354 eP	Pg	18 40 26.3	-0.4
ANP Anpu	1.11 351 eP	Pb	18 40 26.7	+0.2
WGK Gukeng	1.12 249 eP	Pn	18 40 27.8	+0.9
WGK	eS	Sn	18 40 42.8	+0.5
WDLH Douliu	1.14 250 eP	Pn	18 40 28.3	+1.1
EDH Donghe	1.17 199 eP	Pb	18 40 26.1	-1.4
JYNG Yonagunijimaku	1.19 72 P	Sb	18 40 28.0	+0.2
JYNG	S	Pb	18 40 43.6	+0.5
TWY Chenhua	1.19 355 eP	Pb	18 40 28.0	+0.2
WCKO Fanlu	1.20 238 eP	Pn	18 40 27.9	-0.2
WRL Guolierlin Hig	1.23 262 eP	Pg	18 40 28.7	-0.4
YOJ Yonaguni jima	1.25 72 P	Pn	18 40 28.7	+0.1
YOJ	P	Pn	18 40 28.5	-0.1
YOJ Yonaguni jima	1.25 72 P	Pn	18 40 28.8	+0.1
YOJ	P	Pn	18 40 46.1	+0.8
STYH Taoyuan	1.25 223 eP	Pn	18 40 27.8	-0.9
CHN2 Minshiang	1.26 244 eP	Pg	18 40 29.3	-0.3
CHN4 Tsauhsan	1.26 235 eP	Pb	18 40 29.0	-0.1
CHN4	eS	Sn	18 40 46.9	+1.2
TPUB Ta-pu	1.26 232 P	Pg	18 40 29.9	+0.2
TPUB	P	Pg	18 40 29.5	-0.2
TPUB	eS	Sn	18 40 46.6	+0.8
STYT Taoyuan	1.27 224 eP	Pb	18 40 29.1	-0.2
WTK Tuku	1.27 252 eP	Pg	18 40 30.2	+0.4
LONT Longtian	1.29 204 eP	Pn	18 40 28.2	-1.1
WTP Ta-pu	1.31 230 eP	Pg	18 40 30.7	+0.1
CHY Chiayi	1.31 244 eP	Pg	18 40 30.8	+0.1
CHY	eS	Sn	18 40 46.7	+0.8
TWK Hsiinying	1.39 234 eP	Pg	18 40 31.6	-0.5
TWK	eS	Sg	18 40 50.7	+0.6
TWGBT Beinan	1.39 205 eP	Pn	18 40 28.5	-2.1
TWG Pinlang	1.39 205 eP	Pn	18 40 28.4	-2.2
CHN1 Nanshi	1.41 230 eP	Pg	18 40 32.2	-0.2
SNST Tainan City	1.41 232 eP	Pg	18 40 33.5	+1.1
LDUT Ludao	1.43 189 eP	Pg	18 40 28.8	-2.3
WSF Szhu	1.43 252 eP	Pg	18 40 32.4	-0.6
SGST Jiashian	1.44 226 eP	Pn	18 40 31.5	+0.2
SLGT Liugui	1.46 222 eP	Pb	18 40 32.2	-0.4
WSL Shulin Townsh	1.47 248 eP	Pb	18 40 32.2	-0.4
ICHU Yijhu	1.50 241 eP	Pg	18 40 33.4	-0.8
CHN8 Yiju	1.56 242 eP	Pg	18 40 34.3	+0.1
PCYT Pengchiayui	1.57 12 eP	Pn	18 40 33.6	+0.5
CHN3 Shinhua	1.59 231 eP	Pb	18 40 34.9	+0.2
SSHA Shanhua	1.61 234 eP	Pn	18 40 33.7	+0.1
SCST Cishan	1.64 223 eP	Pb	18 40 35.2	-0.3
ECL Taimali	1.64 205 eP	Pn	18 40 33.5	-0.5
SHHT Tainan City	1.64 230 eP	Pn	18 40 34.5	+0.5
SSD Sandimen	1.66 217 eP	Pn	18 40 34.5	+0.1
TSMG Majia	1.69 216 eP	Pb	18 40 36.3	-0.1
TWM1 Shoushan	1.73 223 eP	Pg	18 40 38.1	-0.4
TSCK Chigu Township	1.76 238 eP	Pn	18 40 35.7	+0.1
MASBT Mashbuluo	1.77 214 eP	Pn	18 40 35.8	0.0
IRIF Iriomote-Funau	1.86 82 P	Pn	18 40 37.9	+0.8
IRIF	S	Sn	18 41 02.1	+1.5
EAST Anshuo	1.87 205 eP	Pn	18 40 36.7	-0.6
SCZT Fangliu	1.98 211 eP	Pn	18 40 39.6	+0.8
PHUB Peng-hu	2.04 254 eP	Pn	18 40 40.0	+0.5
PNG Penghu	2.04 256 eP	Pn	18 40 40.0	+0.5
PNG	eS	Sb	18 41 07.1	-0.5
SLIU Shizi	2.04 204 eP	Pn	18 40 39.5	-0.1
LAY Lan-yu	2.05 184 eP	Pn	18 40 38.2	-1.4
WDGT Dungji	2.05 247 eP	Pn	18 40 40.7	+1.0
LYUB Lan-yu	2.08 183 eP	Pn	18 40 37.5	-2.6
JKRS Kuro-shima	2.11 86 P	Pn	18 40 41.6	+1.1
JKRS	S	Sn	18 41 08.1	+1.5
SMST Manzhou Townsh	2.21 201 eP	Pn	18 40 41.4	-0.5

JUJ Ishigaki jima	2.24 82 P	Pn	18 40 42.1	-0.2
JUJ	S	Sn	18 41 10.0	+0.1
VWUC VWUC	2.24 294 eP	Pn	18 40 42.2	-0.2
VWUC	eS	Sn	18 41 09.5	-0.4
VCHM Qimei	2.27 248 eP	Pn	18 40 43.7	+1.0
TKW1 Hengchun	2.29 201 eP	Pn	18 40 43.6	+0.6
TKWBT Hengchun	2.29 201 eP	Pn	18 40 43.0	-0.1
JISG Ishigakijimahi	2.43 78 P	Pn	18 40 44.8	-0.1
JISG	eS	Sn	18 41 14.2	-0.3
PTMZ Houxiangcun	2.54 292 eP	Pn	18 40 46.2	-0.2
MATB Ma-tsu	2.60 323 eP	Pn	18 40 46.8	-0.5
KNM Kinmen	3.01 277 eP	Pn	18 40 54.5	+1.7
LYJJ Jianjiangzhen	3.02 325 eP	Pn	18 40 53.1	+0.1
KNMB Chin-men Tao	3.05 278 eP	Pn	18 40 53.5	+0.1
XPSS Dashiiju	3.14 334 eP	Pn	18 40 54.4	-0.4
MHZO Yeshan	3.15 310 eP	Pn	18 40 54.6	-0.2
JMJ Miyako jima 2	3.35 77 eP	Pn	18 40 58.1	+0.6
AXDP Jialang	3.50 284 eP	Pn	18 40 59.8	+0.1
ZPLA Ao Xicun	3.62 268 eP	Pn	18 41 01.6	+0.3
DSXP Dongshan	3.94 265 eP	Pn	18 41 05.6	-0.1
SXFK Yanhouchang	4.34 303 eP	Pn	18 41 10.6	-0.6

STR 12 18:40:43.8:0.5, 43°N, 121°E, h5km, ML1.7/9, Error ellipse: s-maj=0.0km s-min=0.0km az=16.9, preliminary LDG 12 18:40:44.8:0.1, 43°02'N, 121°01'11"E, h2km, Md2.9/3, M12.5/5, Error ellipse: s-maj=1.7km s-min=1.4km az=127.0, MDD 12 18:40:44.4:0.3, 43°10'N, 121°03'37"W, h11km, mb_Lg 1.9/7, Error ellipse: s-maj=2.3km s-min=1.5km az=4.0, ISC 12 18:40:43.8:1.0, 43.06N, 0.02:0.36W:0.02, h7km, n35, m080/67, Pyreneas

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
ETSF	Etsaut	0.22 222	Op Pg	18 40 48.1	0.0
ETSF	28nm,0.2s		eSg	18 40 50.7	-0.4
PYLO	Lourdes	0.23 80	Pg Pp	18 40 48.1	-0.3
ATE	Arette	0.25 276	Pg Pp	18 40 48.4	-0.4
ATE			Sg Sg	18 40 52.3	+0.2
CANF	Canfranc	0.32 201	Pg Pp	18 40 50.1	0.0
CANF			Sg Sg	18 40 54.8	+0.6
VIEW	Viey	0.33 122	Pg Pp	18 40 54.5	-0.2
VIEW			Sg Sg	18 40 53.2	-0.6
EPF	Esparrros	0.52 93	eP Pp	18 41 02.8	-0.1
EPF	8.6nm,0.2s		eSg		
ECHI	Chisagues Biel	0.57 134	Pg Pp	18 40 54.3	-0.5
ECHI			Sg Sg	18 41 01.9	-0.3
ECHI			i/Vmb_Lg	18 41 04.9	
ECHI	Chisagues Biel	0.57 134	Pg Pp	18 40 54.3	-0.5
SJPF	Ste Jean	0.64 275	eP Pp	18 40 55.6	-0.4
SJPF			eSg	18 41 04.0	-0.3
OSSF	Osses	0.69 287	Pg Pp	18 40 56.9	-0.2
EORO	Oroz-Betelu	0.71 257	Pg Pp	18 40 57.5	0.0
EORO			Sg Sg	18 41 07.7	+0.1
EORO			i/Vmb_Lg	18 41 10.1	+0.6
EALK	Alkurruntz	0.85 281	Pg Pp	18 40 59.6	-0.6
EALK			Sg Sg	18 41 10.2	-1.1
EALK			i/Vmb_Lg	18 41 14.5	
EALK	Alkurruntz	0.85 281	Pg Pp	18 40 59.9	-0.3
SALF	Saikau	1.18 104	Pg Pp	18 41 05.2	-1.1
SALF			Sg Sg	18 41 10.1	+0.6
ESAC	San Caprasio	1.34 183	Pg Pp	18 41 28.8	+1.8
ESAC			Sg Sn	18 41 30.7	
MONO	Montcuq	1.73 40	Pg Pp	18 41 15.2	+1.0
MONO			Sb Sn	18 41 38.6	+0.8
CARF	Carcanieres	1.84 100	Pg Pp	18 41 18.2	+0.8
CARF			eP Pp	18 41 20.1	+1.3
MTLF	Montlieu	1.91 81	eP Pp	18 41 21.0	+0.7
MTLF			eS Sn	18 41 40.8	-0.2
MTLF	3.5nm,0.2s				
MTLF	Montlieu	1.91 81	Pg Pp	18 41 19.1	+0.2
MTLF			Sb Sn	18 41 43.0	-0.1
EPOB	Poblet	2.01 147	Pn Pn	18 41 18.3	0.0
EPOB			Pg Pp	18 41 21.1	+0.3
EPOB			Sn Sn	18 41 41.8	-1.9
EPOB			Sg Sg	18 41 48.3	-0.2
EPOB			i/Vmb_Lg	18 41 49.1	
LF	La Frestale	2.04 23	eP Pp	18 41 19.6	+1.0
LF			eS Sn	18 41 22.9	0.0
LF			Sg Sn	18 41 44.8	+0.5
LF	12nm,0.3s				
LF			eSg Sg	18 41 51.1	+1.7
ERT	Horta de San J	2.16 166	Pn Pn	18 41 20.0	-0.3
ERT			Pg Pp	18 41 23.8	+0.5
ERT			Sn Sn	18 41 46.9	-0.5
ERT			Sg Sg	18 41 52.6	-0.7
ERT			i/Vmb_Lg	18 41 54.4	
CAF	Calviac	2.56 42	eP Pp	18 41 26.4	+0.7
CAF			eS Sn	18 41 33.7	+0.9
CAF			eS Sn	18 41 56.7	-0.4
CAF			eSg Sg	18 42 07.2	+1.2
RJF	2.5nm,0.2s				
RJF	Les Rejaudoux	2.62 30	eP Pp	18 41 27.2	+0.7
RJF			eP Pp	18 41 34.4	+0.4
RJF			eSg Sg	18 42 07.1	-0.8
LASF	Ste Croix	3.23 70	eP Pn	18 41 35.0	+0.1
LASF			eS Sn	18 42 29.9	-0.8
LASF			eSg Sg	18 42 30.5	0.0
MFF	Saint Martin d	3.55 2	eP Pn	18 41 39.1	-0.2
MFF			eP Pp	18 41 51.3	-0.4
MFF			eS Sn	18 42 20.5	-0.9
MFF			eSg Sg	18 42 37.5	-0.2
MFF			eS Sn	18 41 42.3	+0.7
TCF	Toulx Ste Croi	3.71 29	eP Pp	18 41 54.7	-0.2
TCF			eS Sn	18 42 23.9	-1.7
TCF			eSg Sg	18 42 42.8	-0.2
BGF	2.8nm,0.3s				
BGF	Bois d'Agland	4.18 32	eP Pn	18 41 48.0	+0.1
BGF			eS Sn	18 42 34.7	-2.3
BGF			eSg Sg	18 42 55.9	-2.0
BGF			eP Pn	18	

12d 18h

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists various stations like WFSB, NCUH, NCU, WDJ, ALS, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists various stations like NEIC, ISC-EH, ISC 12, etc.

898

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

ISK 12 19:23:23.7, 40.14N-23.83E, h13km, ML2.8/14
ATH 12 19:23:24.2, 40.15N-23.82E, h19km, ML2.7/8, Error
ellipse: s-maj=1.7km s-min=0.6km az=86.0

THE 12 19:23:24.2, 40.16N-23.84E, h11km, ML2.6/11, Error
ellipse: s-maj=1.3km s-min=0.7km az=195.0

BEO 12 19:23:27.4, 0.9, 40.22N-23.67E, h5km, ML2.5/6
ISC 12 19:23:24.3-0.9, 40.16N-02.23.85E, 0.02, h12km, 7km,

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h s ISC. Includes stations like OUR Ouranopolis, PAIG Palouris, KOKK Kokkinochori, etc.

Table with columns: PTGL, Station Name, Δ° AZ', Phase ID, Time Res, h s ISC. Includes stations like PTGL Punta Galera, AV21 Acelerografo, AV18 Acelerografo, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h s ISC. Includes stations like BSO1 Boso 1, BSO3 Boso 3, JHU Mitsune, etc.

GCG 12 19:44:47.0, 0.8, 14.70N-93.56W, h49km, MD4.2
MEX 12 19:44:59.7, 0.8, 14.60N-92.55W, h67km, 1.7km, MD4.1
ISO 19:44:57.0, 1.4, 14.51N-03.62W, 0.04, h24km, 17km,

NOU 12 19:59:45.7, 43.05S-173.85E, h15km, MLV3.9/7, Off E.
Coast of S. Island, N.Z.
WEL 12 19:59:53.6, 42°S, 4°17'4E, h28km, 11km, M2.8/23,

ISC 12 19:59:53.7, 1.2, 42.30S-0.03, 173.81E, 0.04, h21km, n54,
c1943/54, South Island

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h s ISC. Includes stations like KHZ Kahutara, BSWZ Blackbirch Sta, CMWZ Cape Campbell, etc.

12d 21h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WB2 Warramunga Arr, WRB Warramunga Arr, etc.

IDC 12 20:53:45.2 0.7, 0.84S, 13.03W, h0km, mb4.2/19, mbmp4.2/20, M.L4.1/1, MS3.7/51, Error ellipse: s-maj=18.9km s-min=15.5km az=105.0

NEIC 12 20:53:46.7 1.1, 0.95S, 0.1x13.1W, 0.1, h10km, 1km, mb4.7/22, Error ellipse: s-maj=22.5km s-min=17.5km az=301.0

ISC 12 20:53:46.3 0.5, 0.93S, 0.08x13.04W, 0.09, h11km, n94, x1501/53, mb4.4/24, MS3.7/50, 3C, North of Ascension Island

Main table of station data for the 12d 21h period, including station names, coordinates, and observation times.

2056 DEC

Main table of station data for the 2056 DEC period, including station names, coordinates, and observation times.

902

Main table of station data for the 902 period, including station names, coordinates, and observation times.

IDC 12 21:53:11.1 2.1, 1.052S, 161.52E, h0km, mb3.9/4, mbmp3.9/4, MS3.4/5, Error ellipse: s-maj=41.9km

NEIC 12 21:53:18.4 1.2, 1.035S, 0.09x161.26E, 0.07, h35km, 1km, mb4.4/20, Error ellipse: s-maj=18.1km s-min=8.6km az=213.0

ISC 12 21:53:17.9 0.8, 1.039S, 0.08x161.30E, 0.1, h35km, n33, x1363/31, mb4.1/13, Bougainville-Solomon Islands region

Main table of station data for the 902 period, including station names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TOOLANGI, KNRA, BB00, FITZ, etc.

SOME 12 22:04:40.3, 39°08'N, 74°28'E, h0km
KRNET 12 22:04:41.1, 0.1, 39°21'N, 74°61'E, mb4.2
IDC 12 22:04:42.8, 1.0, 38°96'N, 74°30'E, h0km, mb3.7/12,
mbmp3.7/18, ML3.0/6, MS3.2/2, Error ellipse:
s-maj=18.8km s-min=14.5km az=125.0
NMC 12 22:04:50.5, 4.2, 39°39'N, 74°24'E, h0km, mb4.5, mpv4.1,
Error ellipse: s-maj=31.0km s-min=20.8km az=162.0
ISC 12 22:04:44.1, 0.7, 39°29'N, 0.04, 74°43'E, h10km, n73,
#2504/101, mb3.6/10, 23C-20D, Southern Xinjiang

Main table for station 903, listing various stations and their parameters.

Main table for station 2016 DEC, listing various stations and their parameters.

Main table for station 12d 22h, listing various stations and their parameters.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like NAX, Nakhchivan, GURU, Guroymak-BITLI, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BLQ, Botanikuri, BTNK, Botanihuri, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ASF, Anjiho, IANJ, Meron AR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CASV, DAV, KAPI, PLAI, TWSI, QSPA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CAST, RPSI, TRF, KTH, J20K, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WMQ, ZALV, MKAR, KURBB, BVAR, etc.

IDC 13 00:30:09.8z-2.1, 10:55x16177E, h0km, mb3.7/3, mbtms3.9/4, ML5.1/1, Error ellipse: s-maj=47.8km s-min=35.7km az=5.0, Bougainville-Solomon Islands region

Table with columns for station name, frequency, and signal strength. Includes stations like Cessapalombo, Civita (PG), Cesi-Serrava, Gualdo di Mace, Pellescritta, Offida, Assisi San Ben, Morro Reatino, Aronne, Teramo, Monte Martano, Elcito, Pizzolo (AQ), Casa Cast, Cingoli, Fossato di Vic, Gran Sasso, Monte Urbino, Montelago di S, Arcevia, Monte Focce - G, Fagnano.

Table with columns for station name, frequency, and signal strength. Includes stations like Villa Celiara, Frontone, Corinaldo, Pietra, Monte Paganucc, Collepietro, Fossombrone, Peglio, Pietraraja, Diego Garcia H, Diego Garcia H, Warramunga Arr, Makanchi Array, Alice Springs, Kurbb, Toucheng, Suao, Shuangxi, Santiao Chiao, Dongshan, Weicheng, Grass Mountain, Wu-fen Shan, Wu-fen Shan, Fushanzhiwuyua, Wuta, EWUT, Mucha, Nanau, Wulai, Xindian Distri, Datong, Taipei, YMO1, Yeheng, Anpu, Kuangyinsshan, Chenhua, Datong, Datong, Nan Shan, Ninganchiao.

Table with columns for station name, frequency, and signal strength. Includes stations like Fush Village, Xuifu Townshi, National Centr, Zhongli, Chiawan, Wufeng Townshi, Fushou, Hsinchu, Emei, Nanjuang, Hehuo Shan, Hsinchu, Tech, Tongmen, Yonagunijimaku, Renai, Beigang Elemen, Yuhui, Suanlung, Ruisui, Hungye, Xinyi Township, Yuhui, Alishan, Tsauling, Lidau, Tsausan, Donghe, Taoyuan, Kuro-shima, Tauyuan, Ta-pu, Ishigaki jima, Ishigakijimahi, Ma-tsu, Fort de France, Grand Be, Morne La Croix, Savane Anatole, Morne Lenard, Pelee Case Pet, Saint Lucia, La Plaine, Belfond, Moule a Chique, Dominica, Viel, Cottage Hill, Barre de l'ile, Terre de Bas, Guadaloupe-3.

13d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like TBG Belmont, CBE Ff, Capester, BBGH Gun Hill, etc.

NSSP 13 01:31:57.5, 38°40'N-43°87'E, h10km, Ms3.7
ISK 13 01:31:59.9, 38°46'N-43°84'E, h5km, ML3.6/14
DDA 13 01:32:00.4, 0.0, 38°50'N-43°89'E, h6km, 5km, MW3.7
TEH 13 01:32:00.1, 38°52'N-43°83'E, h5km, ML3.5
AZER 13 01:32:02.5, 0.3, 38°51'N-44°07'E, h2km, 5km, Error ellipse:
s-maj=14.7km s-min=4.8km az=232°

ISC 13 01:32:01.0, 1.1, 38°53'N-02°43'82"E, 0.02, h4km, 10km,
n97, s1867/124, 5C-1D, Turkey

Main table for station 13d 1h, listing station names, codes, and seismic data. Includes stations like OZAP Van, OZAP Mer, OZAP comp=N, 1.1um, 0.7s, etc.

2016 DEC

Main table for station 2016 DEC, listing station names, codes, and seismic data. Includes stations like AKH Akhalkalaki, DYBB Dyrabakir, IHSH Hashtur, etc.

914

Main table for station 914, listing station names, codes, and seismic data. Includes stations like LSD comp=N, 2240um, 0.4s, GIMEL St. Georges, etc.

Table with columns: BRG, Amp, Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like KRUC Moravsky, VRAC Vranov, MODS Modra-Piesok, etc.

IDC 13 01:45:53.6:11.0, 5.14N:96.33E, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=1.1, s-min=34.9km, az=69.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like LHMI Lhok Sumawe, MLI Meulaboh, KSI Kotacane, etc.

ISK 13 01:59:18.9, 38.43N:43.86E, h7km, ML3.2/12, NSPP 13 01:59:19.7, 38.47N:43.92E, h10km, MS3.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like VANB Van, AKDM Akdamar-Van, MLAZ Malazgir-MUS, etc.

IDC 13 02:12:11.8:2.1, 20.40S:178.19W, h617km, 20km, mb3.5/5, mbmp4.3/8, Error ellipse: s-maj=33.1km, s-min=21.7km, az=135.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like MSVF Nonsavu, DZM Mont Dzumak, URZ Urewera, etc.

IDC 13 02:20:39.2:1.5, 10.96S:163.39E, h0km, mb3.9/5, mbmp3.9/6, ML3.8/1, MS3.4/8, Error ellipse: s-maj=44.0km, s-min=27.4km, az=118.0

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

ISK 13 02:43:7.7:1.5, 10.11S:163.6E:0.2, h31km, n18, s=153g, mb3.7/5, MS3.4/3, Bougainville-Solomon Islands region

Table with columns: ASAR Alice Springs, NWAO Narrogin (SRO), SONM Songoing Array, ILAR Eielson Array, AAK Ala-Archa. Includes station details and coordinates.

ISC-EH 13 02:34:25.6, 14.40S:167.40E, h200km, Error ellipse: s-maj=10.1km, s-min=4.7km, az=129.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like MARNC Mare, Loyalty, DZM Mont Dzumak, EIDS Eidsvold, etc.

ISC 13 02:34:25.6:0.14, 38S:0.07, 167.3E:0.1, h200km, n50, s=99.51, mb4.3/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like ARMA Armidale, BKZ Black Stump Fm, STKA Stephens Creek, etc.

ISC 13 02:12:10.2:1.1, 20.5S:0.2, 178.0W:0.2, h600km, n13, s=137.14, mb4.1/5, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like PETK Petropavlovsk, SONM Songoing Array, SONM RCO1, etc.

IDC 13 02:29:31.9, 4.43S:144.56E, h0km, mb3.5/3, mbmp3.4/4, ML3.1/1, 1C-1D, Error ellipse: s-maj=78.4km, s-min=29.6km, az=109.0, Near north

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MK31 Makanchi Array, etc.

MOS 13 02:46:33.7:1.2, 18.73S:177.90W, h447km, mb5.1/31, Error ellipse: s-maj=8.1km, s-min=7.7km, az=55.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like LKBA Tubou, LAKEBA, TAVE Taveuni, etc.

ISC 13 02:46:39.0:2.18, 84S:0.02, 177.84W:0.02, h467km, 1km, MW5.4/105, Moment tensor: Scale 1017

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

ISC 13 02:46:39.0:2.18, 84S:0.02, 177.84W:0.02, h467km, 2km, h457km, pP-P, n1298, s=132/1283, mb5.1/298, 87C-75D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like LKBA Tubou, TAVE Taveuni, DGFI Dogotuki, etc.

ISC 13 02:12:10.2:1.1, 20.5S:0.2, 178.0W:0.2, h600km, n13, s=137.14, mb4.1/5, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like DZM Mont Dzumak, DZM Mont Dzumak, DZM Mont Dzumak, etc.

IDC 13 02:29:31.9, 4.43S:144.56E, h0km, mb3.5/3, mbmp3.4/4, ML3.1/1, 1C-1D, Error ellipse: s-maj=78.4km, s-min=29.6km, az=109.0, Near north

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like PAE Paea, PPT2 Papeete2, PPT2 Papeete2, etc.

MOS 13 02:46:33.7:1.2, 18.73S:177.90W, h447km, mb5.1/31, Error ellipse: s-maj=8.1km, s-min=7.7km, az=55.4

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CNB, TVIH, CAN, CTA, etc.

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

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

RPSI	Rantau Prapat	84.35	275	I	Amb	I	02 58 19.4
PCA	Pinnacle	84.40	18	I	Amb	I	02 58 19.9
PINM	Pinnacle	84.40	18	P	P	P	02 58 18.3 +0.4
ZAIG	Zacatecas	84.44	64	I	Amb	I	02 58 21.9
CAST	Castle Rocks	84.46	11	P	P	P	02 58 17.2 -0.9
VRDI	Verde Repeater	84.46	16	I	Amb	I	02 58 19.7
HNS	HongShan	84.46	312	I	P	P	02 58 19.3 +0.7
N25K	Chitina, Valde	84.49	15	P	P	P	02 58 18.9 +0.6
TNA	Tin City	84.49	4	P	P	P	02 58 18.5 +0.4
M24K	Tolsona, Glenn	84.53	14	P	P	P	02 58 19.3 +0.8
WAT6	Susitna Watana	84.59	14	P	P	P	02 58 18.9 0.0
WAT1	Susitna Watana	84.63	13	P	P	P	02 58 19.1 +0.2
F10A	Beach Ranch, E	84.68	38	I	Amb	I	02 58 21.0
MCARA	McCarty VSAT	84.70	16	I	Amb	I	02 58 20.9
MCARA	McCarty VSAT	84.70	16	P	P	P	02 58 19.9 +0.7
BJT	Baijiatua	84.74	315	I	Amb	I	02 58 21.8
BJT	Baijiatua	84.74	315	P	P	P	02 58 20.8 +0.9
LYN	LuoYang	84.74	309	I	P	P	03 00 05.4 +4.0
LYN	LuoYang			S	SKS	S	03 07 59.6 -0.7
LYN	LuoYang			S	SKS	S	03 08 12.3 +3.0
LYN	Beijing	84.75	315	P	S	S	02 58 20.3 +0.4
BJI	Beijing			S	S	S	03 08 03.5 -5.6
SEY	Seymour	84.78	347	P	P	P	02 58 19.6 +0.1
SEY	Seymour	84.78	347	P	P	P	02 58 18.2 -1.4
P29M	Windy Craggy	84.78	19	I	Amb	I	02 58 22.0
P29M	Windy Craggy	84.78	19	P	P	P	02 58 20.9 +1.1
J20K	Nowitza River	84.79	10	I	Amb	I	02 58 21.5
J20K	Nowitza River	84.79	10	P	P	P	02 58 20.4 +0.8
R32K	Eaglecrest	84.79	21	P	P	P	02 58 20.9 +1.1
KTH	Kantishna Hill	84.80	12	I	Amb	I	02 58 21.2
TRF	Thorfare Mountain	84.83	12	P	P	P	02 58 19.6 -0.4
CHUM	Lake Minchumin	84.84	11	P	P	P	02 58 19.3 -0.5
JIS	Juneau Island	84.84	21	I	Amb	I	02 58 22.0
B08A	Colville Reser	84.86	35	P	P	P	02 58 19.9 -0.4
GCSA	Galena City Sc	84.89	9	P	P	P	02 58 20.9 +0.8
BESE	Bessie Mountain	84.91	21	I	Amb	I	02 58 22.7
O28M	Mount Upton	84.97	18	P	P	P	02 58 21.4 +0.4
HARD	HAARP	85.03	15	P	P	P	02 58 21.6 +0.7
HLRP	Hailey	85.06	41	P	P	P	02 58 22.6 +0.9
O29M	Mount Kennedy	85.06	18	P	P	P	02 58 22.1 +0.9
PLBC	Pleasant Camp	85.08	20	P	P	P	02 58 22.2 +1.0
DHY	Denali Highway	85.11	13	I	Amb	I	02 58 22.4
DHY	Denali Highway	85.11	13	P	P	P	02 58 21.4 0.0
C09A	Chrisman Ranch	85.12	36	I	Amb	I	02 58 23.1
ENH	Enshi	85.14	304	P	P	P	02 58 23.1 +0.9
BPAW	Bear Paw Mtn.	85.28	12	P	P	P	02 58 21.4 -0.7
SRU	San Rafael Swe	85.35	46	I	Amb	I	02 58 24.9
MCK	McKinley	85.36	13	P	P	P	02 58 22.2 -0.2
T35M	Bob Quinn	85.40	24	P	P	P	02 58 24.2 +1.4
P30M	Million Dollar	85.42	19	P	P	P	02 58 24.3 +1.4
SKAG	Skagway	85.42	20	I	Amb	I	02 58 25.5
SKAG	Skagway	85.42	20	P	P	P	02 58 24.2 +1.4
PAX	Paxson	85.45	14	I	Amb	I	02 58 23.8
PAX	Paxson	85.45	14	P	P	P	02 58 22.7 -0.3
YUK8	Steele Glacier	85.51	17	P	P	P	02 58 24.2 +0.7
Y22A	Socorro	85.53	52	P	P	P	02 58 25.2 +1.0
M26K	Nabesna, AK	85.56	16	I	Amb	I	02 58 25.7
M26K	Nabesna, AK	85.56	16	P	P	P	02 58 24.2 +0.7
Y22D	IRIS PASSCAL I	85.62	52	P	P	P	02 58 25.6 +1.0
Y22F	Passcal Instru	85.62	52	P	P	P	02 58 25.3 +0.7
YUK6	Outpost Mounta	85.64	18	P	P	P	02 58 25.0 +0.8
SRIT	Nakonsritamara	85.66	281	I	Amb	I	02 58 27.8
SRIT	Nakonsritamara	85.66	281	P	P	P	02 58 25.8 +0.8
YUK3	Moose Creek	85.71	17	P	P	P	02 58 25.0 +0.5
NTC	Nongkai	85.72	291	P	P	P	02 58 25.6 +0.4
CONG	Toone Canyon	85.73	44	I	Amb	I	02 58 28.0
S34M	Telegraph Cree	85.73	23	P	P	P	02 58 25.4 +1.0
MNTX	Cornudas Mount	85.77	55	I	Amb	I	02 58 27.6
MNTX	Cornudas Mount	85.77	55	P	P	P	02 58 26.2 +1.0
MNTX	Cornudas Mount	85.77	55	S	S	S	03 08 26.4 +7.0
MNTX	Cornudas Mount	85.77	55	P	P	P	02 58 26.4 +1.2
HYT	Haines Junction	85.80	19	I	Amb	I	02 58 26.8
HYT	Haines Junction	85.80	19	P	P	P	02 58 25.4 +0.6
M27K	Edge Creek, AK	85.81	16	P	P	P	02 58 27.7 +0.9
SURA	Surathani	85.83	281	P	P	P	02 58 25.6 +1.8
MENT	Mentasta	85.84	15	I	Amb	I	02 58 26.4
GYA	Guliyang	85.87	300	I	P	P	02 58 26.7 +0.8
GYA	Guliyang	85.87	300	P	P	P	02 58 26.7 +0.8
MVCO	Mesa Verde	85.88	49	P	P	P	02 58 26.1 +0.3
YUK4	Talbot Arr	85.88	18	P	P	P	02 58 26.3 +1.0
TLIG	Tipapa	85.99	70	I	Amb	I	02 58 29.1
L26K	Log Cabin Wild	86.00	15	I	Amb	I	02 58 27.2
L26K	Log Cabin Wild	86.00	15	P	P	P	02 58 25.8 +0.3
P32M	Atlin	86.06	21	P	P	P	02 58 26.7 +0.7
I21K	Tanana	86.08	11	I	Amb	I	02 58 27.6

I21K	Tanana	86.08	11	P	P	P	02 58 26.0 +0.2
VPV23	Carpenter Ridg	86.09	47	I	Amb	I	02 58 28.8
Q32M	Naka River	86.09	22	P	P	P	02 58 27.0 +0.7
K24K	Donnelly Dome	86.10	14	P	P	P	02 58 26.4 +0.4
NEA2	Nenana	86.10	12	P	P	P	02 58 25.2 -0.8
PV11	David Mesa, Pa	86.11	47	I	Amb	I	02 58 28.6
BVCY	Beaver Creek	86.13	16	P	P	P	02 58 26.6 +0.4
TX31	Lajitas Ar. Si	86.14	57	P	P	P	02 58 28.7 +1.6
TX31	Lajitas Array	86.14	57	I	Amb	I	02 58 30.0 +1.0
TX32	Lajitas Array	86.14	57	P	P	P	02 58 28.6 +1.5
TXAR	Lajitas Array	86.14	57	P	P	P	03 00 09.6 +1.0
MLY	Manley	86.17	11	P	P	P	02 58 25.4 -0.9
O30N	Mendenhall	86.19	19	P	P	P	02 58 27.2 +0.6
TIY	Taiyuan	86.20	312	I	P	P	02 58 28.1 +0.9
ZEA	Zeya	86.21	331	P	P	P	02 58 27.2 +0.5
RIDG	Independent Ri	86.25	14	I	Amb	I	02 58 28.1
RIDG	Independent Ri	86.25	14	P	P	P	02 58 26.7 -0.1
ANMO	Albuquerque	86.35	51	P	P	P	02 58 27.7 -0.4
ANMO	Albuquerque	86.35	51	P	P	P	02 58 28.8 +0.6
ANMO	Albuquerque	86.35	51	P	P	P	02 58 28.7 +0.6
ANMO	Albuquerque	86.35	51	P	P	P	02 58 28.8 +0.6
DOT	Dot Lake	86.36	14	I	Amb	I	02 58 28.6
HDA	Harding Lake	86.37	13	I	Amb	I	02 58 28.1
HDA	Harding Lake	86.37	13	P	P	P	02 58 27.0 -0.3
H21K	Melozitna Rive	86.38	10	I	Amb	I	02 58 29.7
H21K	Melozitna Rive	86.38	10	P	P	P	02 58 27.6 +0.3
CCB	Clear Creek	86.40	13	I	Amb	I	02 58 27.9
L27K	Beaver Creek,	86.41	16	P	P	P	02 58 27.9 +0.4
N30M	Aishik Lake	86.43	18	P	P	P	02 58 28.5 +0.8
WHY	Whitehorse	86.49	20	P	P	P	02 58 28.4 +0.4
DLBC	Dease Lake	86.52	23	P	P	P	02 58 28.9 +0.7
I23K	Minto, Yukon-K	86.54	12	P	P	P	02 58 27.6 -0.4
TCOL	CIGO, UAF Yank	86.59	12	P	P	P	03 00 08.8 -1.2
TCOL	CIGO, UAF Yank	86.59	12	P	P	P	03 00 27.9 -0.3
MDM	Murphy Dome	86.59	12	I	Amb	I	02 58 28.9
COLA	College	86.59	12	P	P	P	02 58 27.4 -0.8
COLA	College	86.59	12	P	P	P	03 00 08.8 -1.1
COLA	College	86.59	12	P	P	P	02 58 27.9 -0.3
COLA	College	86.59	12	P	P	P	02 58 28.0 -0.3
COLA	College	86.59	12	P	P	P	02 58 27.9 -0.3
SCRK	Sand Creek	86.64	13	I	Amb	I	02 58 29.1 +0.3
IL31	Eielson Array	86.70	13	P	P	P	02 58 28.2 -0.6
ILAR	Eielson Array	86.70	13	P	P	P	02 58 28.2 -0.6
ILAR	Eielson Array	86.70	13	P	P	P	03 00 10.4 -0.2
ILAR	Eielson Array	86.70	13	P	P	P	03 01 59.5 +0.1
ILAR	Eielson Array	86.70	13	P	P	P	03 03 31.2 -0.5
ILAR	Eielson Array	86.70	13	P	P	P	02 58 28.5 -0.3
ILAR	Eielson Array	86.70	13	P	P	P	03 00 09.0 -1.6
XLT	XilinHaoTe	86.73	319	P	P	P	02 58 31.4 +0.5
XLT	XilinHaoTe	86.73	319	P	P	P	03 00 13.0 +1.1
M29M	Somme Creek	86.81	17	P	P	P	02 58 29.9 +0.4
P33M	Teslin, Yukon	86.83	21	P	P	P	02 58 30.2 +0.6
H22K	Ishlathina Cre	86.84	11	P	P	P	02 58 29.7 +0.2
N31M	Braeburn, Yuko	86.84	19	I	Amb	I	02 58 31.6
N31M	Braeburn, Yuko	86.84	19	P	P	P	02 58 30.3 +0.7
R33M	Jenings River	86.87	22	P	P	P	02 58 30.8 +0.9
J25K	Salcha River,	86.89	13	I	Amb	I	02 58 30.9
J25K	Salcha River,	86.89	13	P	P	P	02 58 30.0 +0.2
POKR	Poker Plat Res	86.89	12	I	Amb	I	02 58 30.2
POKR	Poker Plat Res	86.89	12	P	P	P	02 58 29.2 -0.6
MSO	Missoula	87.05	38	P	P	P	02 58 31.0 -0.1
G21K	Allakaket	87.06	10	P	P	P	02 58 30.8 +0.3
H23K	Yukon River	87.11	11	P	P	P	02 58 30.7 -0.1
XAN	Xi'an	87.16	307	I	P	P	02 58 32.5 +0.7
XAN	Xi'an	87.16	307	P	P	P	03 00 16.2 +0.5
XAN	Xi'an	87.16	307	S	SKS	S	03 08 12.8 -2.5
XAN	Xi'an	87.16	307	S	SKS	S	03 08 34.8 +2.2
XAN	Xi'an	87.16	307	P	P	P	02 58 32.5 +0.7
CLNB	Carlsbad	87.16	55	P	P	P	02 58 32.1 +0.2
J26L	Joseph Creek	87.20	14	I	Amb	I	02 58 31.4 +0.1
J26L	Joseph Creek	87.20	14	P	P	P	02 58 33.2
J26L	Joseph Creek	87.20	14	P	P	P	02 58 32.1 +0.8
SNOW	Snow King Moun	87.30	42	I	Amb	I	02 58 34.5
S22A	4UR Ranch, Cre	87.30	49	P	P	P	02 58 31.8 -0.9
S22A	4UR Ranch, Cre	87.30	49	P	P	P	02 58 34.6
S22A	4UR Ranch, Cre	87.30	49	P	P	P	03 00 13.7 -0.8
S22A	4UR Ranch, Cre	87.30	49	P	P	P	02 58 33.6 +0.9
HIA	Hailar	87.37	325	P	P	P	02 58 32.9 +0.5
O20A	White River Ci	87.39	46	P	P	P	02 58 33.2 +0.2
M30M	Minto, Yukon	87.39	18	I	Amb	I	02 58 33.9
M30M	Minto, Yukon	87.39	18	P	P	P	02 58 32.8 +0.6
BILL	Bilibino	87.40	354	P	P	P	02 58 31.2 -0.9

BILL	Bilibino	87.40	354	I	P	P	02 58 32.5 +0.5
BILL	Bilibino	87.40	354	P	P	P	03 00 10.7 -3.3
BILL	Bilibino	87.40	354	S	S	S	03 02 05.9
BILL	Bilibino	87.40	354	S	S	S	03 08 29.3 -4.0
L29M	L29M	87.44	17	P	P	P	02 58 33.4 +1.0
H24K							

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like MUD, LUNU, BSD, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like VOIR, PRU, VRO, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like WTTA, MOTA, DIVS, etc.

Table with columns for code, station name, frequency, mode, and other parameters. Includes stations like MORC, MAUC, CBBR, etc.

13d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like ECSD, TUC, PUM, T25A, ANMO, BANOM, SHME, WSARE, SCHO, MDH, M3FE, 319A, BUR08, 121A, UOSS, UOSS, HATTA, ASHO, NAZ, DPC, SCIA, KRLC, KRLC, CLM, CLM, VRAC, AMTX, MSTX, BNTX, BRTR, KHC, KHC, 735A, GERES, GERES, CONA, RONA, OK048, MZR, OK046, WMOK, HDIL, R40A, TUL1, TXAR, KBA, OBKA, CCM, WATA, WTTA, O48B, FCAR, JCT, WHTX, MIAR, WCI, RAYN, RAYN, RAYN, 833A, WVT, BLA, LRAL, TIGA, ESDC, BDFB, PLCA, CPUP, CPUP, IDC, NEIC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

2016 DEC

Table with columns: CTA, Charters Tower, 16.89 236, P, Pn, 03 20 57.0 -0.1, MRZ, Mangatoinaka R, 2.51 51, P, Pn, 03 18 59.1 0.0. Lists various stations and their coordinates. Includes sub-sections for WEL, NOU, and ISC.

924

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like MRZ, TMZ, FOF, PRWZ, BFZ, WANGU, LBZ, KHEZ, KHEZ, DVHZ, NEZ, KEZ, ODZ, ODZ, PNHZ, VRZ, PKVZ, WNVZ, MOVZ, TRVZ, WHVZ, HWZ, JCZ, JCZ, TUZV, BHZ, NGZ, SNVZ, SNVZ, OTVZ, OTVZ, WTVZ, WTVZ, KRZV, KRZV, TMVZ, TMVZ, HIZ, HIZ, MTHZ, MTHZ, HIZ, HIZ, WIAZ, WIAZ, NEIC, IDC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, and various numerical values. Includes stations like HNR Honiara, LIFNC LIFUNC, DZM DZUMAC, etc.

Table with columns: BATI, Station Name, Azimuth, Phase, ID, Time, Res, ISC, and various numerical values. Includes stations like BAUMATA, MMRI MAUMERE, RAR RAROTONGA, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC, and various numerical values. Includes stations like MDJ MUDANJIANG, CN2 CHANGCHUN, TYV TYVSKOYE, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like BRDH, R17K, SII, YAK, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like PPLA, PMLA, PMR, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like MENT, IL31, ILAR, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like 534M Telegraph Cree, J29M Klondike Camp, G27K Doyon Strip, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like HLID Hailey, KURK Kurchatov, TUC Tucson, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like RUGZ Raukumara Rang, PUK Puketiti, MWZ Matawai, etc.

MDD 13 03:53:36.6:1.1, 39°48N-13°00W, h0km, Mb3.87, Mb3.17, 7R ellipse: s-maj=8.7km s-min=5.6km az=79.0

INMG 13 03:53:37.6:1.2, 39°37N-13°58W, h10km, ML2.0, Error ellipse: s-maj=7.0km s-min=4.5km az=83.0

CNRM 13 03:53:42.9, 38°97N-12°91W, h90km

ISC 13 03:53:30.2:3.0, 39°41N-10°05:13W, h10km, n39, c90074, 7C, North Atlantic Ocean

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PMAFR Mafrina, PSBE So Bento, PCAS Casimiro, etc.

WEL 13 03:50:01.3:1.5, 35°S-14°17'8E:1'4, h200km, 15km, M3, 8/30, ML4.1/21, MLV3, 8/30, Error ellipse: s-maj=0.0km s-min=0.0km az=44.6, confirmed, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WEL Matakaoa Point, WMXZ Waomatatini S, HAZ Te Kaha, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, EWUT Wuta, ENA Nanau, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PMG Port Moresby, MANU Manus Island, RABL Rabaul, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NWAOW, BBJI Bungbulang, YHNB Yeheng, etc.

Text block containing station identifiers and coordinates: IDC 13 04:44:05.0 1.7, 3.33N:128.33E, h0km, mb3.7/4, mbtmp3.8/4, Error ellipse: s-maj=155.9km...

Text block containing station identifiers and coordinates: FITZ Fitzroy Crossi 23.67 238 P, FITZ Fitzroy Crossi 23.67 238 P, FITZ Fitzroy Crossi 23.67 238 P...

Text block containing station identifiers and coordinates: HIA Hailar 60.09 340 P, HIA Hailar 60.09 340 P, HIA Hailar 60.09 340 P...

13d 5h

Table with columns for station name, coordinates, and data points. Includes stations like RAMN Ramite, PALK Palkele, JIRN Zakamensk, etc.

2016 DEC

Table with columns for station name, coordinates, and data points. Includes stations like CHGR Karatay Array, KK31 Karatay Array, etc.

930

Table with columns for station name, coordinates, and data points. Includes stations like M29M Somme Creek, C26K Camden Bay, G27K Doyon Strip, etc.

ISK 13 05:04:50.3, 39.16N, 28.31E, h12km, ML2.7/m
DDA 13 05:04:51.0, 0.39, 15N, 28.30E, h7km, 3km, ML2.0
ISC 13 05:04:50.9, 1.1, 39.16N, 0.003, 28.31E, 0.03, h15km, 12km, n13, 0.032/23, Turkey
Code Station Name Az Phase ID Time Res
DURS Dursunbey 0.46 16 Op ISB h n s ISC
DURS Dursunbey 0.46 16 i AML AML 05 05 07.0

13d 5h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Alice Springs, Oodnadatta, H1S13, etc.

2016 DEC

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

932

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

BILL	comp=Z,29nm,1.1s	78.72	2ceP	P	05 50 51.5 +0.6	I21K	comp=Z,13nm,0.8s	83.38	18	P	P	05 51 16.1 +0.3	HYBB	Hyderabad (bro	86.36	288	eP	P	05 51 30.9 -0.9
BILL	Bilibino				05 50 59.6	IMAR	Tanana						D23K	Nanushuk River	86.37	16	P	P	05 51 31.7 +1.0
BILL					05 53 48.2	IMAR	Indian Mountain	83.43	17	P	P	05 51 15.8 -0.2	E24K	Your Creek	86.37	17	P	P	05 51 31.6 +0.8
BILL					06 00 49.8 +2.1	H21K	Melotina Rive	83.47	17	P	P	05 51 17.0 +0.8	TOLK	Toolik Lake Re	86.44	16	P	P	05 51 31.3 +0.1
BILL	comp=Z,46nm,1.7s					DHY	Denali Highway	83.49	21	P	P	05 51 16.9 +0.4	TOLK	Toolik Lake Re	86.44	16	P	P	05 51 32.1 +1.0
ZAK	comp=Z,67nm,18.0s	79.03	326	eP	P	N25K	Chitina, Valde	83.60	23	I	Amb	05 51 24.7	M29M	Somme Creek	86.46	24	P	P	05 51 32.4 +1.0
ZAK	Zakamensk				05 50 53.0 -0.1	N25K	Chitina, Valde	83.60	23	P	P	05 51 17.9 +0.8	N30M	Aishikkik Lake	86.52	25	P	P	05 51 31.8 +0.1
ZAK	comp=Z,34nm,1.0s				05 51 02.3	MLY	Manley	83.66	19	I	Amb	05 51 18.5	O30N	Mendenhall	86.60	26	P	P	05 51 32.5 +0.4
P19K	comp=Z,29nm,0.9s	79.09	22	P	P	MLY	Manley	83.66	19	P	P	05 51 17.9 +0.6	A21K	Barrow	86.65	12	I	Amb	05 51 35.2
QSPA	South Pole Qui	79.19	180	P	P	GLB	Gilahina Butte	83.80	23	I	Amb	05 51 19.7	A21K	Barrow	86.65	12	P	P	05 51 32.4 +0.4
QSPA	comp=Z,11nm,1.0s,baz=350,slow=1.5,SNR=16				06 22 31.0	VRDI	Verde Repeater	83.82	24	I	Amb	05 51 30.5	BBGB	Big Mountain B	86.67	52	I	Amb	05 51 52.9
QSPA	comp=Z,106nm,18.2s,baz=31,slow=33					MESA	MESA	83.82	25	P	P	05 51 18.8 +0.4	EGAK	Eagle	86.71	21	I	Amb	05 51 34.6
QSPA	South Pole Qui	79.19	180	P	P	HARP	baz=236	83.86	22	P	P	05 51 18.9 +0.5	EGAK	Eagle	86.71	21	P	P	05 51 33.0 +0.6
ANM	comp=Z,29nm,1.3s	79.26	14	P	P	G21K	Allakaket	83.88	17	P	P	05 51 18.7 +0.4	F25K	Christian Rive	86.90	18	P	P	05 51 34.9 +1.5
ANM	Nome				05 50 54.2 +0.3	NEA2	Nenana	83.90	19	I	Amb	05 51 19.1	YBH	Yreka Blue Hor	86.90	47	P	P	05 51 35.0 +0.9
ILSW	Iliamna South	79.36	21	I	Amb	NEA2	Nenana	83.90	19	P	P	05 51 18.0 -0.4	YBH	Yreka Blue Hor	86.90	47	P	P	05 51 35.0 +0.9
N19K	Bonanza Creek	79.48	20	P	P	H22K	Ishatitina CR	84.06	18	P	P	05 51 19.8 +0.6	L29M	L29M	86.94	23	P	P	05 51 34.6 +0.9
BRSE	Bradley Lake S	80.08	22	P	P	MCARA	McCarthy VSAT	84.08	24	P	P	05 51 20.2 +0.8	DAWY	Dawson	86.96	22	I	Amb	05 51 36.1
M19K	Big River Lodge	80.30	20	I	Amb	MCARA	McCarthy VSAT	84.08	24	P	P	05 51 19.8 +0.4	DAWY	Dawson	86.96	22	P	P	05 51 34.5 +0.7
M19K	Big River Lodge	80.30	20	P	P	PAX	Paxson	84.10	22	P	P	05 51 19.5 -0.1	C23K	Ikilik River	86.98	15	P	P	05 51 34.3 +0.6
L19K	White Mountain	80.34	19	I	Amb	WRH	Wood River Hill	84.14	20	I	Amb	05 51 20.3	HUMO	Hull Mountain	86.98	46	I	Amb	05 51 36.9
L19K	White Mountain	80.34	19	P	P	F21K	Alatna River	84.39	16	P	P	05 51 21.0 0.0	SNCC	San Nicolas Is	86.99	56	P	P	05 51 34.6 0.0
TTA	Tatalina	80.53	18	P	P	MDM	Murphy Dome	84.41	19	I	Amb	05 51 21.7	I27K	Kandik River	87.01	20	P	P	05 51 35.2 +1.2
N20K	Mount Spurr	80.54	21	P	P	TCOL	CIGO, UAF Yank	84.48	19	I	Amb	05 51 21.9	G36K	Porcupine Rive	87.08	19	P	P	05 51 35.5 +1.3
SPCR	Spurr Chakacha	80.54	21	P	P	TCOL	CIGO, UAF Yank	84.48	19	P	P	05 51 20.8 -0.5	N31M	Braeburn, Yuko	87.08	25	P	P	05 51 35.7 +1.3
CAPN	Captain Cook N	80.62	22	P	P	COLA	College	84.48	19	P	P	05 51 20.6 -0.7	P32M	Atlin	87.09	27	P	P	05 51 35.2 +0.7
M20K	Styx River	80.70	20	I	Amb	COLA	College	84.48	19	P	P	05 51 21.5 +0.2	PKM	Mpherson Peak	87.18	54	P	P	05 51 36.5 +0.8
M20K	Styx River	80.70	20	P	P	COLA	College	84.48	19	P	P	05 51 22.3 +1.0	M30M	Minto, Yukon	87.20	24	I	Amb	05 51 37.1
SEW	Seward	80.80	23	I	Amb	COLA	College	84.48	19	P	P	05 51 24.3	M30M	Minto, Yukon	87.20	24	P	P	05 51 35.8 +0.9
SEW	Seward	80.80	23	P	P	HDA	Harding Lake	84.48	20	I	Amb	05 51 24.3	E25K	Arctic Village	87.25	17	P	P	05 51 36.2 +1.1
L20K	Farewell, AK	80.88	19	P	P	HDA	Harding Lake	84.48	20	P	P	05 51 21.1 -0.3	C24K	Franklin Bluff	87.39	16	P	P	05 51 37.0 +1.4
MOY	Mondy	80.93	327	eP	P	PINM	Pinnacle	84.48	25	P	P	05 51 21.7 +0.1	H27K	Steamboat Moun	87.40	20	P	P	05 51 37.0 +1.2
MOY	Mondy				05 51 03.0 -0.4	K24K	Doreilly Dome	84.50	21	P	P	05 51 21.4 -0.2	F26K	Shenjek River	87.41	18	P	P	05 51 37.3 +1.5
O22K	Cooper Landing	80.95	22	P	P	H23K	Yukon River	84.57	18	P	P	05 51 22.3 +0.5	Q32M	Nakina River	87.48	28	P	P	05 51 37.4 +0.8
SUA	Susitna One	81.24	21	I	Amb	PNL	Peninsula	84.62	26	P	P	05 51 22.3 0.0	K29M	Barrow Dome	87.55	23	P	P	05 51 37.8 +1.0
SUA	Susitna One	81.24	21	P	P	M26K	Nabesna, AK	84.68	23	I	Amb	05 51 25.0	S34M	Telegraph Cree	87.58	30	P	P	05 51 37.8 +1.0
SKT	Skwentna	81.31	21	P	P	M26K	Nabesna, AK	84.68	23	P	P	05 51 23.0 +0.5	J29M	Klondike Camp	87.60	22	P	P	05 51 37.9 +1.0
RC01	Rabbit Creek A	81.35	22	P	P	MENT	Mentasta	84.72	22	I	Amb	05 51 25.3	G27K	Doyon Strip	87.68	19	P	P	05 51 38.3 +1.1
K20K	Telida	81.44	19	I	Amb	ILAR	Eielson Array	84.73	20	I	Amb	05 51 22.0 -0.6	D25K	Kavik River	87.77	16	P	P	05 51 38.0 +0.4
K20K	Telida	81.44	19	P	P	ILAR	Eielson Array	84.73	20	P	P	05 51 22.6 +0.9	DGZ	Jazzart, Alta	87.94	321	iP	P	05 51 39.0 0.0
M22K	Willow	81.65	21	I	Amb	ILAR	Eielson Array	84.73	20	P	P	05 51 21.2 -1.5	DGZ	Jazzart, Alta	87.94	321	P	P	05 51 39.0 0.0
M22K	Willow	81.65	21	P	P	ILAR	Eielson Array	84.73	20	P	P	05 51 21.2 -1.5	M31M	Drury Creek, Y	88.00	25	P	P	05 51 39.8 +0.9
PWL	Port Wells	81.72	22	I	Amb	ILAR	Eielson Array	84.73	20	P	P	05 51 22.4 -0.5	ARVC	Arvin	88.02	54	P	P	05 51 39.8 +0.3
PWL	Port Wells	81.72	22	P	P	POKR	Poker Plat Res	84.77	19	P	P	05 51 22.4 -0.5	I29M	Ogilvie Camp,	88.04	21	I	Amb	05 51 40.8
PPLA	Purkeypile	81.72	20	P	P	RIDG	Independent Ri	84.79	21	P	P	05 51 22.9 -0.2	I29M	Ogilvie Camp,	88.04	21	P	P	05 51 39.4 +0.5
PMR	Palmer	81.90	22	P	P	RIDG	Independent Ri	84.79	21	P	P	05 51 23.1 0.0	BEKR	Beckworth	88.08	49	P	P	05 51 40.4 +0.5
PMR	Palmer	81.90	22	P	P	O28M	Mount Upton	84.87	25	P	P	05 51 24.2 +0.4	DLBC	Dease Lake	88.32	29	LR	LR	06 28 15.7
PMR	Palmer	81.90	22	P	P	L26K	Log Cabin Wild	84.91	22	P	P	05 51 24.6 +1.0	ISA	Isabella, Lake	88.44	53	I	Amb	05 51 43.7
J20K	Nowinta River	82.01	18	I	Amb	F22K	John River	84.95	16	P	P	05 51 24.5 +0.8	ISA	Isabella, Lake	88.44	53	P	P	05 51 41.6 0.0
J20K	Nowinta River	82.01	18	P	P	G23K	Bananza Creek	85.02	17	P	P	05 51 25.1 +1.0	PNTR	Pine Nut	88.44	50	I	Amb	05 51 47.8
KNK	Knik Glacier	82.03	22	I	Amb	DOT	Dot Lake	85.02	21	I	Amb	05 51 25.8	FARO	Faro, Yukon	88.45	25	P	P	05 51 41.6 +0.7
KNK	Knik Glacier	82.03	22	P	P	TIXI	Tiksi	85.06	350	P	P	05 51 22.7 -1.9	K05A	Summit Lake	88.48	46	I	Amb	05 51 53.5
KNK	Knik Glacier	82.03	22	I	Amb	TIXI	Tiksi	85.06	350	P	P	05 51 22.7 -1.9	E27K	Coleen River	88.48	18	P	P	05 51 42.4 +1.4
GHO	Glory Hole Cre	82.09	22	I	Amb	TIXI	Tiksi	85.06	350	eP	P	05 51 22.6 -1.5	OMMB	Old Mammoth Mi	88.52	51	P	P	05 51 43.0 +0.8
CAST	Castle Rocks	82.12	19	I	Amb	TIXI	Tiksi	85.06	350	eP	P	05 51 25.5 +0.9	OMMB	Old Mammoth Mi	88.52	51	I	Amb	05 51 45.4
CAST	Castle Rocks	82.12	19	P	P	M27K	Edge Creek, AK	85.08	23	P	P	05 51 25.7 +1.2	C26K	Camden Bay	88.54	16	P	P	05 51 42.8 +1.6
PALK	Pallekele	82.17	279	LR	LR	H24K	Noordu Dome	85.09	19	P	P	05 51 25.7 +1.2	EDW2	Barrett Air Fo	88.63	54	P	P	05 51 43.5 +1.0
PALK	Pallekele	82.17	279	P	P	J25K	Salcha River,	85.14	20	I	Amb	05 51 31.9	MOD	Modoc Plateau	88.67	47	I	Amb	05 51 45.9
PALK	Pallekele	82.17	279	iP	P	J25K	Salcha River,	85.14	20	P	P	05 51 25.3 +0.5	C27K	Jago River	88.70	17	P	P	05 51 43.4 +1.5
PALK	Pallekele	82.17	279	P	P	S31K	Pelican	85.17	28	P	P	05 51 25.5 +0.5	PINE	Pine Mountain	88.74	45	I	Amb	05 51 46.7
SML	Sawmill	82.33	22	P	P	SCRK	Sand Creek	85.24	21	P	P	05 51 26.1 +0.7	BFSC	Mount Baldy Ra	88.74	55	P	P	05 51 43.8 +0.7
SML	Sawmill	82.33	22	I	Amb	O29M	Mount Kennedy	85.30	26	P	P	05 51 26.2 +0.5	ELS	Elsinore Mount	88.79	56	I	Amb	05 51 47.1
SMI	Sawmill	82.33	22	P	P	YUK3	Moose Creek	85.31	24	P	P	05 51 26.6 +0.7	109C	Camp Elliot, M	88.87	56	P	P	05 51 44.0 +0.5
EYAK	Cordova Ski Ar	82.51	23	P	P	COLD	Coldfoot	85.31	17	P	P	05 51 26.7 +1.2	CWC	Cottonwood Cre	8				

Table of radio stations with columns for call sign, name, frequency, power, and other technical details. Includes stations like GRAC Grapevine Rang, PKM In-Ko-Pah, GSC Goldstone Bar, etc.

Table of radio stations with columns for call sign, name, frequency, power, and other technical details. Includes stations like PDAR Pinedale Array, YKA Yellowknife Ar, SNAA Sanae, etc.

Table of radio stations with columns for call sign, name, frequency, power, and other technical details. Includes stations like NOU 13 05:51:57.0, 42:68S:173:87E, KHZ Kahutara, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, etc. Includes stations like RAR, DZM, DZM, BKZ, etc.

ROM 13 05:55:42.10, 0.427294N 0002:13.0666E, 0.004, h11km, ML1.5/5, 6C-3D, Error ellipse: s-maj=3.0km s-min=0.2km az=296.0, Central Italy

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, etc. Includes stations like T1245, T1218, T1218, etc.

IDC 13 06:05:00.8, 1.2, 6.30N, 126.75E, h126km, 10km, mb4.0/19, mbmp4.4/21, MS3.5/3, Error ellipse: s-maj=19.5km s-min=8.9km az=80.0

ISC-EH 13 06:05:00.4, 6.30N, 126.78E, h116km, 2km, Error ellipse: s-maj=5.8km s-min=2.5km az=87.0

NEIC 13 06:05:01.6, 1.5, 6.28N, 108.1267E, 0.1, h124km, 7km, mb4.5/64, Error ellipse: s-maj=17.5km s-min=9.4km az=66.0

DJA 13 06:05:01.4, 0.4, 6.3N, 127.12E, 7E, h118km, 3km, M4.8/31, mb5.3/18, mb4.9/31, MLV5.2/8, Mw(MB)4.7/18

MAN 13 06:05:02.1, 6.43N, 126.64E, h104km, mb5.5, ML4.5, MS4.7

ISC 13 06:05:00.1, 0.6, 6.30N, 104.12678E, 0.06, h119km, 5km, n198, s192/209, mb4.5/48, 6C-11D, Mindanao

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, etc. Includes stations like MATI, DMMP, DAV, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, etc. Includes stations like MTN, MTN, MTN, KDU, etc.

Table with columns: NRK, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nori'sk, KMBMO, H01W2, etc.

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

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

13d 06:27:32.51-1.0, 29:35:51.10E, h0km, mb4.1/6, mbtmp4.1/6, MS3.5/1, Error ellipse: s-maj=41.3km s-min=29.3km az=60.0

WEL 13 06:28:04.9-0.9, 37:5:18'01W, h12km, M4.5/46, m-L4.8/36, MLV4.5/46, Error ellipse: s-maj=0.0km s-min=0.0km az=163.9, confirmed

ARCES ARCESS Array B 144.97 345 PPK PPKdf 06 47 42.7 +0.3 comp=2.4nm,0.5s,baz=20,slow=2.4,SNR=20

FINES FINESS Array B 150.92 334 PKPbc PKPbc 06 47 57.4 -0.7

comp=Z,2.7nm,0.8s,baz=103,slow=4.1,SNR=8.1

IDC 13 06:45:34.2:1.8,17:71S:178:65W,h601km,17km,mb3.6/9,mbtmp4.5/11,Error ellipse: s-maj=52.8km s-min=14.8km

az=151.0

ISC 13 06:45:34.1:1.2,17:71S:178:65W:0.2,h600km,n13,

0895/15,mb4.1/9,Fiji Islands region

Code Station Name Az AzZ Phase ID Time Res ISC

MSVF Nonsavu 3.16 268 P Op ISC 06 46 55.1 +0.8

116nm,0.8s,baz=131,slow=5.1,SNR=26

DZM Mont Dzaou 14.71 250 P P 06 48 40.1 +0.3

11nm,0.9s,baz=100,slow=17,SNR=2.2

CTA Charters Tower 33.28 260 P P 06 51 23.9 +0.1

4.9nm,0.4s,baz=93,slow=11,SNR=12

STKA Stephens Creek 38.57 241 P P 06 52 06.6 -0.5

4.4nm,0.7s,baz=72,slow=7.8,SNR=8.7

WRA Warramunga Arr 44.47 259 P P 06 52 52.6 -1.1

3.5nm,0.5s,baz=96,slow=7.0,SNR=8.4

ASAR Alice Springs 44.66 254 P P 06 52 54.7 -0.4

19nm,0.7s,baz=87,slow=8.8,SNR=23.7

ASAR 0.2nm,0.4s,baz=87,slow=7.8,SNR=1.0

ASAR 0.2nm,0.6s,baz=88,slow=4.3,SNR=1.9

SJUI Sorong 51.97 283 P P 06 53 50.0 +0.7

16nm,0.5s,baz=74,slow=6.0,SNR=4.9

ILAR Eileison Array 85.69 13 P P 06 57 09.8 -0.3

9.9nm,0.4s,baz=220,slow=6.0,SNR=32

TXAR Lajitas Array 86.04 58 P P 06 57 13.7 +1.0

2.9nm,0.8s,baz=218,slow=6.1,SNR=38

PDAR Pinedale Array 87.31 44 P P 06 57 18.9 +0.3

1.3nm,0.6s,baz=218,slow=3.2,SNR=18

YKA Yellowknife Ar 94.19 25 P P 06 57 48.5 -0.9

0.3nm,0.5s,baz=241,slow=4.9,SNR=4.1

ARCES ARCESS Array B 126.03 350 PKPpdf PKPpdf 07 03 26.9 -1.5

9.4nm,1.2s,baz=96,slow=7.0,SNR=8.4

GERES GERESS Array B 147.31 345 PKPbc PKPbc 07 04 11.8 +0.5

1.1nm,0.6s,baz=64,slow=4.6,SNR=7.5

IDC 13 06:56:52.9:1.3,51:57N:82:51E,h0km,mbtmp3.1/2,

ML2,0/3,Error ellipse: s-maj=17.1km s-min=11.8km

az=120.0

NNC 13 06:56:56.2:1.1,0.51:33N:82:55E,h0km,mb3.2,mpv2.8,

Error ellipse: s-maj=123.6km s-min=51.0km az=20.0,

Suspected Mining explosion.

ISC 13 06:56:53.4:1.3,51:61N:0:08:82:59E,0:08,h0km,n8,

0879/10,2C-5D,Southwestern Siberia

Code Station Name Az AzZ Phase ID Time Res ISC

KURB Kurchatov 2.66 252 P Pn 06 57 39.0 +1.6

3.3nm,0.8s

KURK Kurchatov 2.66 252 P Sn 06 58 10.6 +0.2

18nm,0.7s

I46RU ZALESOVO INFRA 2.70 29 P I 07 12 10.0

0.1nm,0.3s,baz=206,slow=318,SNR=1.2

ZALV Zalesovo Beam 2.70 29 Pn 06 57 37.8 -0.3

1.7nm,1.0s,baz=215,slow=14,SNR=29

ZALV 0.9nm,0.3s,baz=216,slow=25,SNR=6.5

ZALV 1.0nm,0.3s,baz=209,slow=26,SNR=6.7

ZALV 4.5nm,0.3s

KURBB Kurchatov Arra 2.75 250 Pn 06 57 38.1 -0.5

baz=72,slow=18,SNR=1.9

KURBB Kurchatov Arra 2.75 250 P Lg 06 58 15.5 +1.2

0.2nm,0.3s,baz=72,slow=34,SNR=22

KURBB Kurchatov Arra 2.75 250 P Pb 06 57 42.6 -0.7

2.6nm,0.6s

KURBB Kurchatov Arra 2.75 250 P Sn 06 58 12.4 -0.1

35nm,0.7s

MAKZ Makanchi 4.83 185 P Pn 06 58 07.2 -0.1

2.7nm,0.8s

MAKZ 5.3nm,1.1s

MK31 Makanchi Array 4.83 182 P Pn 06 59 19.6 +0.3

0.9nm,0.7s,baz=22,slow=13,SNR=6.1

MK31 2.3nm,0.6s,baz=18,slow=27,SNR=1.9

MKAR Makanchi Array 4.83 182 Pn 06 58 07.8 +0.5

0.3nm,0.3s,baz=7.3,slow=12,SNR=26

MKAR 0.3nm,0.3s,baz=3.3,slow=27,SNR=16

2.3nm,0.6s

MOS 13 07:02:31.9:1.3,51:65N:101:69E,h10km,mb3.8/1,Error

ellipse: s-maj=15.6km s-min=10.9km az=156.5

BYKL 13 07:02:32.8:0.2,51:71N:101:72E,h12km,3km

ISC 13 07:02:31.6:1.1,51:62N:0:04:101:74E:0.02,h6km,10km,

n40,c242/68,8C-1D,Tuva-Buryatia-Mongolia border

Code Station Name Az AzZ Phase ID Time Res ISC

MOY MOY 0.47 276 P P 07 02 41.2 +0.5

965nm,0.3s

MOY MOY 0.47 276 P Sg 07 02 47.6 +0.8

13um,0.6s

MOY MOY 0.47 276 P Pg 07 02 41.2 +0.5

13um,0.6s

MOY MOY 0.47 276 P P 07 02 41.2 +0.5

13um,0.6s

MOY MOY 0.47 276 P P 07 02 41.2 +0.5

13um,0.6s

ARS ARS 0.52 54 P Pg 07 02 42.3 +0.6

comp=N,3um,0.6s

ARS ARS 0.52 54 P Sg 07 02 49.2 +0.8

comp=N,505nm,0.1s

ARS ARS 0.52 54 P P 07 02 42.2 +0.6

comp=N,5um,0.2s

ARS ARS 0.52 54 P P 07 02 49.2

comp=Z,398nm,0.1s

ARS ARS 0.52 54 P P 07 02 49.2

comp=Z,398nm,0.1s

ARS ARS 0.52 54 P P 07 02 49.2

comp=E,5um,0.1s

TLY TLY 1.19 86 P P 07 02 53.9 -0.8

comp=E,107nm,0.1s

TLY TLY 1.19 86 P P 07 02 53.9 -0.8

comp=E,1um,0.4s

TLY TLY 1.19 86 P P 07 02 54.0 -0.8

comp=Z,127nm,0.3s

TLY TLY 1.19 86 P P 07 02 54.0 -0.8

comp=E,1um,0.5s

ORL ORL 1.51 308 P Pn 07 02 58.9 -0.4

comp=E,373nm,0.8s

ORL ORL 1.51 308 P P 07 02 59.1 -0.9

comp=E,574nm,0.5s

ORL ORL 1.51 308 P P 07 02 59.1 -0.9

comp=Z,371nm,0.5s

ORL ORL 1.51 308 P P 07 02 59.1 -0.9

comp=N,561nm,0.6s

ZAK ZAK 1.57 141 P P 07 03 02.1 +1.0

comp=N,242nm,0.4s

ZAK ZAK 1.57 141 P Sg 07 03 24.2 +2.1

comp=N,1um,0.6s

ZAK ZAK 1.57 141 P Sg 07 03 24.2 +2.1

comp=N,242nm,0.4s

ZAK ZAK 1.57 141 P Sg 07 03 24.2 +2.1

comp=N,1um,0.6s

ZAK Zakamensk 1.57 141 P Pb 07 03 01.9 +0.8

comp=Z,212nm,0.3s

ZAK Zakamensk 1.57 141 P Pb 07 03 02.7 -0.1

comp=N,955nm,0.2s

ZAK Zakamensk 1.57 83 P Pb 07 03 03.7 +0.1

IVK Ivanovka 1.67 83 P Sg 07 03 24.8 +0.7

comp=N,60nm,0.2s

IVK Ivanovka 1.67 83 P Pb 07 03 02.7 -0.1

comp=N,749nm,0.6s

IVK Ivanovka 1.67 83 P Pb 07 03 02.7 -0.1

comp=Z,64nm,0.3s

IVK Ivanovka 1.67 83 P Pb 07 03 02.7 -0.1

comp=E,743nm,0.6s

IRK Irkutsk 1.69 67 P Pb 07 03 03.2 +0.2

comp=E,552nm,0.3s

IRK Irkutsk 1.69 67 P Pb 07 03 03.2 +0.2

comp=E,4um,0.4s

IRK Irkutsk 1.69 67 P Pb 07 03 02.9 -0.1

comp=Z,545nm,0.3s

IRK Irkutsk 1.69 67 P Pb 07 03 02.9 -0.1

comp=E,4um,0.4s

LSTR Listvyanka 1.94 81 P Pb 07 03 08.1 +0.8

LSTR Listvyanka 1.94 81 P Pb 07 03 08.1 +0.8

comp=E,59nm,0.4s

LSTR Listvyanka 1.94 81 P Pb 07 03 08.1 +0.8

comp=N,615nm,0.5s

LSTR Listvyanka 1.94 81 P Pb 07 03 08.1 +0.8

comp=Z,58nm,0.4s

LSTR Listvyanka 1.94 81 P Pb 07 03 08.1 +0.8

comp=N,614nm,0.5s

BGT Bolshoye Golou 2.31 78 P Pb 07 03 13.6 -0.1

BGT Bolshoye Golou 2.31 78 P Pb 07 03 13.6 -0.1

comp=N,150nm,0.4s

BGT Bolshoye Golou 2.31 78 P Pb 07 03 13.6 -0.1

comp=N,2um,0.5s

BGT Bolshoye Golou 2.31 78 P Pb 07 03 13.6 -0.1

comp=N,2um,0.5s

KNGR Kungurtuv, Tuv 2.85 251 P Pb 07 03 18.4 +0.7

KNGR Kungurtuv, Tuv 2.85 251 P Pb 07 03 18.4 +0.7

KNGR Kungurtuv, Tuv 2.85 251 P Pb 07 03 18.4 +0.7

KNGR Kungurtuv, Tuv 2.85 251 P Pb 07 03 18.4 +0.7

KNGR Kungurtuv, Tuv 2.85 251 P Pb 07 03 18.4 +0.7

KNGR Kungurtuv, Tuv 2.85 251 P Pb 07 03 18.4 +0.7

KNGR Kungurtuv, Tuv 2.85 251 P Pb 07 03 18.4 +0.7

STDB Stepnoy Voret 2.92 77 P Pb 07 03 25.8 +1.8

STDB Stepnoy Voret 2.92 77 P Pb 07 03 25.8 +1.8

STDB Stepnoy Voret 2.92 77 P Pb 07 03 25.8 +1.8

TRG Tyrgan 3.06 66 P Pb 07 04 05.3 +1.4

TRG Tyrgan 3.06 66 P Pb 07 04 05.3 +1.4

comp=N,49nm,0.2s

TRG Tyrgan 3.06 66 P Pb 07 04 05.3 +1.4

comp=N,653nm,0.7s

TRG Tyrgan 3.06 66 P Pb 07 04 05.3 +1.4

comp=Z,51nm,0.2s

TRG Tyrgan 3.06 66 P Pb 07 04 05.3 +1.4

comp=E,456nm,0.1s

KAB Kabansk 3.08 80 P Pb 07 04 07.7 +3.2

KAB Kabansk 3.08 80 P Pb 07 04 07.7 +3.2

comp=E,1um,1.0s

FFNB Fofonovo 3.14 80 P Pb 07 04 10.0 +3.6

ZRHB Zarechiye 3.46 72 P Pb 07 03 34.5 +1.2

ZRHB Zarechiye 3.46 72 P Pb 07 03 34.5 +1.2

ZRHB Zarechiye 3.46 72 P Pb 07 03 34.5 +1.2

ZRHB Zarechiye 3.46 72 P Pb 07 03 34.5 +1.2

ZRHB Zarechiye 3.46 72 P Pb 07 03 34.5 +1.2

comp=E,170nm,0.6s

ZRHB Zarechiye 3.46 72 P Pb 07 03 34.5 +1.2

comp=E,1um,1.2s

KELR Kotokel 4.06 71 P Pb 07 03 45.2 +1.7

KELR Kotokel 4.06 71 P Pb 07 03 45.2 +1.7

KELR Kotokel 4.06 71 P Pb 07 03 45.2 +1.7

KELR Kotokel 4.06 71 P Pb 07 03 45.2 +1.7

KELR Kotokel 4.06 71 P Pb 07 03 45.2 +1.7

OGRR Ongureny 4.10 58 P Pb 07 04 25.8

OGRR Ongureny 4.10 58 P Pb 07 04 25.8

comp=E,85nm,0.8s

OGRR Ongureny 4.10 58 P Pb 07 04 25.8

comp=E,373nm,0.7s

OGRR Ongureny 4.10 58 P Pb 07 04 25.8

OGRR Ongureny 4.10 58 P Pb 07 04 25.8

OGRR Ongureny 4.10 58 P Pb 07 04 25.8

comp=Z,75nm,0.6s

OGRR Ongureny 4.10 58 P Pb 07 04 25.8

comp=E,389nm,1.0s

MXMB Maximikha 4.59 66 P Pb 07 03 53.1 +0.6

MXMB Maximikha 4.59 66 P Pb 07 03 53.1 +0.6

MXMB Maximikha 4.5

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like KNDC, PRZ, KRBS, CHM, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like DDI, MK31, BHAR, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like ARU, SHL, SEKA, etc.

13d 8h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CMAR, KLMR, NRIK, BR131, AKASG, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BILL, MBAR, ESDC, SUMG, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like L19K, L20K, F31M, G30M, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like N31M Braeburn, W31M Braeburn, WRGLY Wrigley, etc.

IDC 13 08:19:12.4±1.7, 51:16N:81:73E, h0km, mbtmp2.6/2, ML1.9/1, Error ellipse: s-maj=17.6km s-min=14.1km

az=18.0, Southwestern Siberia

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

IDC 13 08:22:58.2±1.7, 14:42N:93:68E, h0km, mb3.5/4, mbtmp3.5/5, Error ellipse: s-maj=45.3km s-min=24.3km

az=67.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, H08S2 Diego Garcia H, etc.

SOME 13 08:26:56.3, 44:55N:77:85E, h10km

N13 08:26:56.8±0.2, 44:52N:77:88E, h0km, mb3.6, mpv3.5, Error ellipse: s-maj=2.0km s-min=1.4km az=155.0

ISC 13 08:26:56.6±1.1, 44:52N:0:02:77:86E±0.02, h3km±10km,

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARXS Arharly, ARXS Karatobe, ARXS Taldyqorghhan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SGDS Sogindy, CHMS Chumysh, BTLS Baital, etc.

SOME 13 08:32:06.7, 39:27N:74:08E, h0km

KRN12 13 08:32:08.3±0.1, 39:30N:74:19E, mb3.8

N13 08:32:12.8±1.9, 39:39N:74:10E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=15.0km s-min=9.1km az=170.0

ISC 13 08:32:08.0±1.4, 39:27N:0:06:74:19E±0.03, h10km, n51, az=121.73, 23C:7D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OHH Osh, NRN Naryn, ARLS Aral, etc.

13d 9h

Table with columns: MDOK, 26nm, 1.0s, eS, Sg, 08 34 32.0 +1.1, etc. Lists various stations and their parameters.

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res, etc. Lists stations in the Islands region.

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Main table with columns: LPIG, TXAR, WRA, ASAR, MKAR, CRIN, etc. Lists stations in the Pacific region.

942

Table with columns: TNOU, WHF, TAP, TWT, TDCB, etc. Lists stations in the Pacific region.

13d 9h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Warramunga Arr, Fitzroy Crossi, Mount Surprise, etc.

2016 DEC

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NWAOW, ARPS, PSI, JNU, CAN, etc.

944

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Yuzh-Sakhalins, Kul'dur, LSA, etc.

Table with columns: Code, Station Name, Az, El, P, M, I, A, B, S, N, R, L, R, Time, Res. Includes stations like Baumata, Soe, Marble Bar, etc.

Table with columns: Code, Station Name, Az, El, P, M, I, A, B, S, N, R, L, R, Time, Res. Includes stations like Pinedale Array, ULM, TXAR, etc.

Table with columns: Code, Station Name, Az, El, P, M, I, A, B, S, N, R, L, R, Time, Res. Includes stations like Makanchi Array, MKAR, etc.

Table with columns: ARPS, SIJI, BBOO, MULG, KNRA, etc. Includes station names like Mount Arapiles, Buckleboob, Mulgathing, etc. and associated data.

IDC 13 12:25:17.2-3.8, 14.38N:91.23W, h0km, mb3.4/4, mbmp3.5/6, ML3.4/2, Error ellipse: s-maj=126.9km s-min=41.6km az=31.0

GCG 13 12:25:27.0-0.5, 14.30N:91.66W, h48km, 57km, MD4.0 ISC 13 12:25:22.6-1.8, 13.8N:0.2-91.95W, 0.09, h50km, n12, s+197/13, mb3.5/4, Near coast of Guatemala

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

ROM 13 12:32:55.0-0.1, 42.872N:0.004:13.247E:0.006, h12km, ML2.5/7, 11C-2D, Error ellipse: s-maj=0.5km s-min=0.2km az=227.0, Central Italy

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

Main table with columns: T1256, T1255, T1256, etc. Includes station names like Preci, Frazion, Rocca Santa Ma, etc. and associated data.

ROM 13 12:33:49.0-0.1, 42.908N:0.004:13.102E:0.004, h9km, ML2.7/43, 26C-13D, Error ellipse: s-maj=0.3km s-min=0.2km az=12.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Preci, Frazion, MC2, etc.

Table with columns: T1245, T1245, T1245, etc. Includes station names like Bolognola (MC), Cesalpino, etc. and associated data.

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JFWS	Jewell Farm	23.91 37	P	P	13 32 45.0 +0.5
JFWS	comp-Z, 19nm, 1.1s				13 32 55.2
NEW	Newport	20.41 347	P	P	13 32 47.2 +0.8
NEW	comp-Z, 14nm, 0.9s, baz=164, slow=9.5, SNR=22				13 32 47.2 +0.8
NEW	comp-Z, 332nm, 18.7s, baz=169, slow=38				13 42 52.3
MDND	Madlock	24.15 17	P	P	13 32 48.4 +0.7
MDND	Madlock	24.15 17	P	P	13 32 48.6 +0.9
SFIN	Lafayette	24.25 45	P	P	13 32 48.2 -0.5
TS0A	Nancy	24.27 54	P	I	13 32 49.1 +0.2
TS0A	comp-Z, 12nm, 1.2s				13 32 59.7
WALA	Waterton Lakes	24.29 353	P	P	13 32 49.8 +0.7
WALA	comp-Z, 20nm, 1.0s				13 32 52.8
F36A	Milaca	24.50 28	P	I	13 32 51.6 +0.7
F36A	comp-Z, 11nm, 1.1s				13 32 52.1 +0.5
B08A	Colville Reser	24.59 344	P	I	13 32 54.6
B08A	comp-Z, 16nm, 1.1s				13 32 59.2 +0.0
TKL	Tuckaleechee C	24.59 58	P	P	13 32 53.9 +2.0
TKL	comp-Z, 3.7nm, 0.9s, baz=218, slow=14, SNR=2.4				13 43 45.7
V53A	Saluda	25.34 59	P	P	13 32 58.9 +0.2
EYMM	Ely	27.01 27	P	P	13 33 13.1 -0.4
ULM	Lac du Bonnet	27.17 19	LR	LR	13 43 52.4
JTS	Las Juntas de	27.54 118	LR	LR	13 44 23.5
SADO	Sadow	31.54 44	LR	LR	13 45 43.6
HILA	High Level	33.98 353	P	P	13 34 16.1 +1.1
DLBC	Dease Lake	36.46 342	LR	LR	13 35 09.3
DLBC	Dease Lake	36.46 342	P	I	13 34 37.3 +0.8
DLBC	Dease Lake	36.46 342	P	I	13 34 40.5
DLBC	Dease Lake	36.46 342	P	P	13 34 36.7 +0.2
R33M	Jennings River	37.53 342	P	P	13 34 47.1 +1.5
YKA	Yellowknife Ar	37.66 356	P	P	13 34 47.1 +0.6
YKA	comp-Z, 6.8nm, 0.9s, baz=175, slow=6.0, SNR=46				13 50 38.3
YKA	comp-Z, 4.66nm, 20.1s, baz=193, slow=37				13 34 46.7 +0.1
ROSC	El Rosal	39.28 115	LR	LR	13 53 53.5
WRGLY	Wrigley	39.35 350	P	P	13 35 01.4 +0.7
P29M	Windy Craggy	39.82 338	P	P	13 35 05.0 +0.2
O30N	Mendenhall	40.16 340	P	P	13 35 08.7 +1.1
SDV	Santo Domingo	40.33 106	LR	LR	13 53 00.7
MMPY	Sheldon Lake	40.35 345	P	P	13 35 09.4 +0.2
FARO	Faro, Yukon	40.55 343	P	P	13 35 11.5 +0.7
FARO	Faro, Yukon	40.55 343	P	P	13 35 11.9 +1.2
O29M	Mount Kennedy	40.60 338	P	P	13 35 11.6 +0.3
N31M	Braeburn, Yuko	40.62 341	P	P	13 35 13.0 +1.6
SJG	San Juan	40.80 91	LR	LR	13 53 48.3
M31M	Drury Creek, Y	40.80 342	P	P	13 35 13.8 +1.0
N30M	Aishik Lake	41.00 340	P	P	13 35 14.8 +0.3
YUK4	Talbot Ar	41.40 339	P	P	13 35 18.7 +0.7
O28M	Mount Upton	41.49 338	P	P	13 35 20.3 +1.4
YUK8	Steele Glacier	41.72 339	P	P	13 35 21.9 +1.2
M30M	Minto, Yukon	41.78 341	P	P	13 35 22.0 +1.1
M29M	Somme Creek	42.17 340	P	P	13 35 24.6 +0.4
YUK3	Moose Creek	42.31 339	P	P	13 35 25.2 -0.2
L29M	L29M	42.58 341	P	P	13 35 28.2 +0.8
BVCY	Beaver Creek	42.90 339	P	P	13 35 31.6 +1.6
K29M	Barlow Dome	42.98 342	P	P	13 35 30.8 +0.1
M27K	Edge Creek, AK	43.19 339	P	P	13 35 33.2 +0.7
SCHO	Scheferville	43.26 35	LR	LR	13 54 15.5
M26K	Nabesna, AK	43.60 338	P	P	13 35 36.9 +1.2
BCAR	Beaver Creek A	43.67 339	P	P	13 35 38.0 +1.8
DAWY	Dawson	43.68 342	P	I	13 35 37.9 +1.7
DAWY	comp-Z, 13nm, 1.1s				13 35 40.2
DAWY	Dawson	43.68 342	P	P	13 35 36.8 +0.6
L27K	Beaver Creek,	43.68 339	P	P	13 35 37.3 +1.0
ATAH	Atahualpa	44.03 132	LR	LR	13 50 19.6
L26K	Log Cabin Wild	44.15 339	P	P	13 35 41.7 +1.7
MENT	Mentasta	44.21 338	P	P	13 35 40.4 -0.2
I29M	Ogilvie Camp,	44.38 343	P	P	13 35 42.9 +1.1
EGAK	Eagle	44.72 341	P	I	13 35 45.2 +0.6
EGAK	comp-Z, 9.5nm, 1.1s				13 35 46.5 +2.0
EGAK	Eagle	44.72 341	P	P	13 35 46.5 +2.0
KDAK	Kodiak Island	44.78 329	LR	LR	13 52 16.8
EPYK	Eagle Plains	44.79 345	P	P	13 35 46.5 +1.4
EPYK	Eagle Plains	44.79 345	P	P	13 35 46.1 +0.9
TAOE	Nuku Hiva Isla	44.95 225	eLR	LR	13 48 20.4
KNK	Knik Glacier	44.95 335	P	P	13 35 47.8 +1.4
SCRK	Sand Creek	45.01 339	P	I	13 35 48.7 +1.7
SCRK	comp-Z, 7.3nm, 1.0s				13 35 50.9
SCRK	Sand Creek	45.01 339	P	P	13 35 47.7 +0.7
F31M	Tsighetichic	45.03 347	P	P	13 35 47.4 +0.5
RIDG	Independent RI	45.13 339	P	P	13 35 49.4 +1.5
SML	Sawmill	45.13 335	P	P	13 35 48.2 +0.2
G30M	T'aoi Zrai Nji	45.17 346	P	P	13 35 48.9 +0.7
C36M	Paulatuk	45.23 353	P	I	13 35 49.9 +1.4
C36M	comp-Z, 7.1nm, 1.4s				13 36 09.2
C36M	Paulatuk	45.23 353	P	P	13 35 49.8 +1.3
J26L	Joseph Creek	45.24 340	P	P	13 35 50.4 +1.5
J26L	Joseph Creek	45.24 340	P	P	13 35 51.0 +2.2
WAT6	Susitna Watana	45.38 336	P	P	13 35 50.8 +0.8
I27K	Kandil River	45.46 342	P	P	13 35 51.8 +1.3
K24K	Donnelly Dome	45.48 338	P	P	13 35 52.4 +1.7
DHY	Denali Highway	45.56 337	P	P	13 35 51.8 +0.3
INK	Inuvik	45.73 348	LR	LR	13 56 43.3
INK	comp-Z, 2.75nm, 20.3s, baz=166, slow=38				13 55 53.1 +0.7
INK	Inuvik	45.73 348	P	I	13 55 53.8

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INK	Inuvik	45.73 348	P	P	13 55 53.0 +0.5
M22K	Willow	45.79 334	P	P	13 35 54.1 +1.0
M22K	Willow	45.79 334	P	P	13 35 54.0 +1.0
WAT1	Susitna Watana	45.83 336	P	P	13 35 55.0 +1.5
J25K	Salcha River,	45.89 339	P	P	13 35 54.8 +0.9
H27K	Steamboat Moun	45.91 343	P	P	13 35 55.4 +1.4
P19K	Oil Pt	45.98 331	P	P	13 35 55.7 +1.1
CUT	China	46.22 335	P	P	13 35 58.1 +1.6
Q18K	Katmai Hardscr	46.31 329	P	P	13 35 58.1 +0.7
N20K	Mount Spurr	46.33 333	P	P	13 35 58.2 +0.8
G27K	Doyon Strip	46.37 343	P	P	13 35 58.6 +1.0
SKT	Skwentna	46.48 334	P	P	13 35 59.7 +1.2
IL31	IL31	46.48 339	P	P	13 35 59.5 +1.0
ILAR	Eielson Array	46.48 339	P	P	13 36 00.2 +1.7
ILAR	comp-Z, 6.7nm, 1.0s, baz=150, slow=6.3, SNR=53				13 55 20.1
ILAR	comp-Z, 162nm, 18.4s, baz=86, slow=36				13 55 20.1
ILAR	MCK	46.48 339	P	P	13 35 59.7 +1.2
PRP	Porcupine Dome	46.55 340	P	P	13 35 59.9 +0.7
PRP	Porcupine Dome	46.55 340	P	P	13 36 00.4 +1.2
WRH	Wood River Hill	46.59 338	P	I	13 36 01.1 +1.0
WRH	comp-Z, 7.0nm, 1.0s				13 36 09.2
TRF	Thorofore Moun	46.84 336	P	P	13 36 02.2 +0.7
TRF	Thorofore Moun	46.84 336	P	P	13 36 02.2 +0.7
COLA	College	46.87 339	P	P	13 36 02.7 +1.3
COLA	CIGO, UAF Yank	46.87 339	P	P	13 36 03.4 +2.0
POKR	Poker Flat Res	46.88 339	P	P	13 36 03.2 +1.5
MDM	Murphy Dome	47.04 339	P	I	13 36 04.0 +1.0
MDM	comp-Z, 5.4nm, 1.0s				13 36 11.7
G26K	Porcupine River	47.05 342	P	P	13 36 04.5 +1.6
M20K	Styx River	47.06 334	P	P	13 36 04.5 +1.3
M20K	Styx River	47.06 334	P	P	13 36 04.0 +0.8
N19K	Bonanza Creek	47.09 332	P	P	13 36 04.2 +0.7
NEA2	Nenana	47.10 338	P	P	13 36 04.5 +1.2
NEA2	Nenana	47.10 338	P	P	13 36 04.5 +1.2
FRB	Frobisher Bay	47.10 23	LR	LR	13 56 17.5
KTH	Kantishna Hill	47.13 336	P	P	13 36 04.2 +0.5
FYU	Fort Yukon	47.19 341	P	P	13 36 05.2 +1.2
PPLA	Purkypile	47.23 335	P	P	13 36 05.9 +1.3
PPLA	Purkypile	47.23 335	P	P	13 36 05.4 +0.8
E27K	Coleen River	47.40 344	P	P	13 36 07.2 +1.5
BPAW	Bear Paw Mtn.	47.47 337	P	P	13 36 07.4 +1.1
BPAW	Bear Paw Mtn.	47.47 337	P	P	13 36 07.0 +0.8
CAST	Castle Rocks	47.48 336	P	I	13 36 07.4 +1.0
CAST	comp-Z, 6.9nm, 1.2s				13 36 09.1
CAST	Castle Rocks	47.48 336	P	P	13 36 06.3 0.0
H24K	Noodor Dome	47.49 340	P	P	13 36 08.0 +1.5
H24K	Noodor Dome	47.49 340	P	P	13 36 07.3 +0.9
I23K	Minto, Yukon-K	47.54 338	P	P	13 36 08.3 +1.7
G25K	Bearman Lake	47.58 341	P	P	13 36 08.6 +1.6
BMAR	Burnt Mountain	47.61 343	P	P	13 36 09.1 +1.7
L20K	Farewell, AK	47.67 334	P	P	13 36 09.1 +1.3
F26K	Sheenjek River	47.68 343	P	P	13 36 10.0 +2.1
A36M	Sachs Harbour	47.87 353	P	P	13 36 10.3 +1.2
A36M	Sachs Harbour	47.87 353	P	P	13 36 10.7 +1.5
L19K	White Mountain	47.92 333	P	P	13 36 10.6 +0.9
L19K	White Mountain	47.92 333	P	P	13 36 10.3 +0.5
MLY	Manley	47.93 338	P	P	13 36 11.2 +1.4
MLY	Manley	47.93 338	P	P	13 36 11.3 +1.4
G24K	Hawzenzic Riv	47.94 341	P	P	13 36 11.7 +1.8
F25K	Christian River	48.02 342	P	P	13 36 12.6 +2.1
H23K	Yukon River	48.02 339	P	P	13 36 12.2 +1.8
H23K	Yukon River	48.02 339	P	P	13 36 11.8 +1.4
K20K	Telida	48.20 335	P	P	13 36 12.8 +0.8
K20K	Telida	48.20 335	P	P	13 36 12.5 +0.5
E25K	Arctic Village	48.37 343	P	P	13 36 14.1 +0.9
I21K	Tanana	48.45 338	P	P	13 36 14.8 +1.0
F24K	Squaw Lake	48.60 341	P	P	13 36 16.2 +1.2
H22K	Ishlita Cre	48.66 339	P	P	13 36 16.5 +1.1
J20K	Nowita River	48.67 336	P	P	13 36 16.2 +0.7
J20K	Nowita River	48.67 336	P	P	13 36 16.3 +0.9
G23K	Bananza Creek	48.72 340	P	P	13 36 16.9 +1.0
TTA	Tatalina	48.75 334	P	P	13 36 17.1 +0.9
C27K	Jago River	48.99 345	P	P	13 36 20.0 +2.1
H21K	Melozitna River	49.00 338	P	P	13 36 19.2 +1.2
H21K	Melozitna River	49.00 338	P	P	13 36 18.9 +0.9
COLD	Coldfoot	49.10 340	P	I	13 36 19.5 +0.7
COLD	comp-Z, 5.2nm, 1.0s				13 36 22.9
COLD	Coldfoot	49.10 340	P	P	13 36 20.8 +2.1
E24K	Your Creek	49.14 342	P	P	

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BI05, GO05, ML02, BO03, etc.

ADC 13 15:11:37.8 1.0 33.105:178.42W, h0km, mb4.2/4, mbtmpt4.47, ML3.2/3, MS3.7/10, Error ellipse: s-maj=32.5km s-min=21.5km az=102.0

WEL 13 15:11:41.3 1.4 33.005:178.60W, h10km, M4.3/22, MB4.9/13, ML5.1/22, MLv4.7/22, MW(MB)4.2/13, confirmed

NEIC 13 15:11:41.3 1.4 33.005:178.60W, h10km, 2km, mb4.6/16, Error ellipse: s-maj=29.7km s-min=8.1km az=99.0

ISC 13 15:11:38.9 0.7, 33.05S:0.06E:178.3W:0.1, h10km, n80, az=176/70, mb4.6/11, MS3.5/11, South of Kermadec Islands

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AS31, ASAR, ASAR, ASAR, etc.

WEL 13 15:12:13.4 0.2, 43.32S:2.17E, h7km, 2km, M3.1/26, ML3.3/20, MLv3.1/26, Error ellipse: s-maj=0.0km s-min=0.0km az=120.9, confirmed, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Greta Valley S, Lake Taylor, Amberley, etc.

ISC 13 15:18:44.1 5.8, 31.90S:178.79W, h0km, mb3.8/2, mbtmpt3.8/2, Error ellipse: s-maj=246.1km s-min=54.1km az=159.0, Kermadec Islands region

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

ISC 13 15:19:20.6 8.1, 31.57S:178.93W, h0km, mb3.4/2, mbtmpt3.4/2, Error ellipse: s-maj=277.0km s-min=65.7km az=158.0, Kermadec Islands region

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

ISC 13 15:37:35.8 3.0, 33.21S:178.13W, h0km, mb3.7/2, mbtmpt3.8/3, ML3.9/1, Error ellipse: s-maj=70.9km s-min=35.6km az=121.0, South of Kermadec Islands

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

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

ADC 13 15:41:57.1 1.3, 29.06N:142.52E, h0km, mb3.7/6, mbtmpt3.7/7, ML3.1/1, MS2.7/1, Error ellipse: s-maj=49.0km s-min=19.0km az=76.0

ISC 13 15:42:01.2 1.3, 29.1N:0.1:142.5E:0.3, h27km, n11, az=078/8, mb3.7/6, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR, JOW, H112, H111, H113, etc.

ADC 13 15:50:25.0 6.0, 10.54S:161.09E, h0km, mb4.4/19, mbtmpt4.4/22, ML3.2/2, MS3.7/13, Error ellipse: s-maj=17.1km s-min=13.3km az=91.0

BUI 13 15:50:29.0 0.0, 10.46S:160.99E, h22km, mb4.6/29, mb5.1/17, Ms5.0/1, Ms7.4/7.1

NEIC 13 15:50:29.5 1.5, 10.54S:0.07E:161.17E:0.09, h22km, 5km, mb5.0/77, Error ellipse: s-maj=13.4km s-min=9.3km az=56.0

NOU 13 15:50:30.2, 10.46S:161.21E, h27km, mb4.7/18, Solomon Islands

ISC 13 15:50:31.1 0.4, 10.58S:0.05E:161.14E:0.06, h35km, n230, az=016/215, mb4.9/65, MS3.7/13, ID, Gougainville-Solomon Islands region

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

Table with columns: TOO, H1N1, H1N3, H1N2, URZ, BKZ, BKZ, QRZ, KNRA, BBOO, BBOO, TCW, TUWZ, LVZ, GVTZ, RPZ, RPZ, RAU, MAZI, PSA00, MBWA, MYLDM, MORW, NWA0, NWA0, JAGI, JAGI, KKM, PPT, PPT2, UGM, MJAR, MAJO, KSM, KSM, KSRs, TAOE, NJ2, SDSL, IPM, KULM, CN2, PETK, GSI, XAN, PHRA, VVDA, VVDA, VVDA, VVDA, CRAI, HEH, HEH, CM31, CMAR, CMAR, CMAR, PZH, PZH, PZH, HHC, HHC, HHC, MA2, TNCH, TNCH, TNCH, LZH, LZH, CHIR, ULN, SONM, SONM, SONM, Q18K, N16K, KDKA

Table with columns: KDKA, Q19K, BILL, SVW2, QSPA, CNFM, M19K, M19K, M19K, L19K, L19K, TTA, TTA, L20K, O22K, SUA, SKT, RC01, K20K, J20K, J20K, J20K, J20K, GH0, GH0, CAST, CAST, CHUM, KTH, KTH, SCM, SCF, TRF, TRF, MCK, MCK, MCK, IMAR, MAW, MAW, MAW, MAW, GLB, GLB, HARP, NEA2, H22K, MCARA, WRH, WRH, F21K, MDM, MDM, K24K, H23K, H23K, M26K, IL31, IL31, ILAR, ILAR, POKR, POKR, RIDG, O28M, L26K, H02S1, F22K, TIXI, TIXI, G23K, M27K, J25K, SCRK, SCRK, SCRK, J26K, WMQ, WMQ, F24K, F24K, G25K, HYBB, D23K, TOLK, TOLK, TOLK

Table with columns: M29M, N30M, L29M, C23K, DAWY, DAWY, DAWY, I27K, G26K, BMAR, M30M, E25K, H27K, K29M, G27K, D25K, E27K, C26K, C27K, EPYK, NVAR, MPMC, PFO, HEC, BELC, MK31, MKAR, MKAR, BC3, ZALV, A36M, TROLL, PDAR, YKA, AKASG, GERES

IDC 13 16:16:40.1+1.9, 10:59S+160.82E, h0km, mb3.6/4, mbtmpt3.6/4, MS3.4/2, Error ellipse: s-maj=38.7km s-min=25.0km az=92.0, Bougainville-Solomon Islands region

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

SCB 13 16:26:07.5+0.9, 19:33S+67.65W, h12km, 2km, ML3.9/2, WVG 9, Error ellipse: s-maj=2.9km s-min=1.5km az=1.0 IDC 13 16:26:07.1+1.8, 19:32S+67.66W, h0.04, h3km, 13km, mbtmpt3.7/8, MS3.1/9, Error ellipse: s-maj=29.8km s-min=20.3km az=97.0

IDC 13 16:26:06.7+1.8, 19:32S+67.66W, h0.04, h3km, 13km, n47, r120/46, mb3.8/5, MS3.1/5, 2D, Southern Bolivia region

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

13d 19h

Table with columns: MKAR, WRA, ASAR, INET, UCR, ISC. Rows include station names like Makanchi Array, Warramunga Arr, Allice Springs and their respective coordinates and parameters.

Code Station Name Az AZ Phase ID Time Res ISC h m s ISC

Table listing station data for HZTE, WILN, GBSZ, GBS3, LAPC, GBI1, SAJU, VRLE, MOMM, ORTC, HUEN, CNGN, CUI, VMAR, CRIN, ACAL, BOAB, ACON, ACON, ACON, JTS, ARE1, LAFE, ANF, REN, NEIC, NEIC, NEIC, YERR, YERR, RYN, RYN, RYN, TVH1, NV09, NVAR, NV08, LHV, LHV, YERR, YERR, YERR, NV11, NV11, NV11, HCK, KVN, KVN, KVN, LUL, ANTC, PNTR, PNTR, PNTR, PNTR, PNTR, MDPB, EMB, MLNR, MLNR, MPK, MPK, RCCR, PEAR, PEAR, POCOA, DONR, BABB, KCC, CMB, CMB, CMB, DSP, MZP, LOY, WVA, TIN, TIN, TIN, LCH, BEKR, AFDN, GMIN, GRAC, GRAC, GRAC, GRAC, GRAC, GRAC, PLTX.

2016 DEC

Table with columns: BMN, KPV, SGV, CWC, CWC, ORV, R11A, R11A, R11A, WCT, S11A, TPNV, TPNV, TPNV, TPNV, FURC, FURC, BBGB, SDHC, SDHC, MPMC, VES, VES, SAO, PMPB, LBCM, AMDN, GMY, ISA, ISA, QSM, Q12A, GUMX, PRN, MCCM, MCCM, MCMC, HOPS, SHOC, ELK, MOD, SPR3, SMMC, SHPR, GSC, WFOR, PSUT, BWH, K05A, CCUT, SZCU, LCMT, JOBA, DUG, TCRU, BGU, KNB, MTPU, WFGA, NLU, SPUT, HLID, TMUT.

Code Station Name Az AZ Phase ID Time Res ISC h m s ISC

Table listing station data for BMN, KPV, SGV, CWC, ORV, R11A, WCT, S11A, TPNV, FURC, BBGB, SDHC, MPMC, VES, SAO, PMPB, LBCM, AMDN, GMY, ISA, QSM, Q12A, GUMX, PRN, MCCM, MCMC, HOPS, SHOC, ELK, MOD, SPR3, SMMC, SHPR, GSC, WFOR, PSUT, BWH, K05A, CCUT, SZCU, LCMT, JOBA, DUG, TCRU, BGU, KNB, MTPU, WFGA, NLU, SPUT, HLID, TMUT.

IDC 13 19:14:01.0, 0.8, 301.90N, 78.12E, h0km, mb3.8/14, mbtp3.9/21, ML3.8/4, MS2.9/2, Error ellipse: s-maj=2.2km s-min=14.9km az=56.0

NDI 13 19:14:05.1, 1.9, 301.89N, 77.97E, h10km, ML3.7, ISC 13 19:14:01.1, 1.3, 301.86N, 0.04, 78.14E, 0.04, h3km, gkm, n2, c13/38, mb3.9/14, Northern India

Table listing station data for DDI, SMLA, SMLA, SMLA, BHK, BHK, DHRM, DHRM, PTH, PTH, LGTI, LGTI, LGTI, LGTI, NDI, NDI, SONA, JMU, CHCP, THW, CEP, KSH, KSH, KSH, AAK, MKAR, MKAR, WSAR, WSAR, KURBB, CMAR, BVAR, ZALV, AKTO, SONM, FINES, FINES, ARCES, ARCES, TIXI, TIXI.

960

Table with columns: NOA, JMJC, TORD, WRA, ASAR, ILAR, YKA, CHGN, CHGN, CHGN, CHIR, CHIR, CHIR, CHIR, VNFQ, SDPT, SDPT, SDPT, SDPT, SII, SII, SII, SII, OHAK, OHAK, KAHC, KDAD, KDAD, KDAD, KDAD, P19K, P19K, P19K, P19K, O19K, O19K, P19K, P19K, O19K, O19K, ILSW, ILSW, ILSW, HOM, O20K, CNPM, CNPM, CNPM, CNPM, N19K, N19K, N19K, N19K, BRLL, BRLL, SVW2, SVW2, AKUT, BRSE, BRSE, UNV, CAPN, N20K, SPU, SEW, O22K, M19K, M19K, M20K, L19K, L19K, SUA, SUA, RC01, SKT, L20K, PWL, TTA, TTA.

Code Station Name Az AZ Phase ID Time Res ISC h m s ISC

Table listing station data for NOA, JMJC, TORD, WRA, ASAR, ILAR, YKA, CHGN, CHGN, CHGN, CHIR, CHIR, CHIR, CHIR, VNFQ, SDPT, SDPT, SDPT, SDPT, SII, SII, SII, SII, OHAK, OHAK, KAHC, KDAD, KDAD, KDAD, KDAD, P19K, P19K, P19K, P19K, O19K, O19K, P19K, P19K, O19K, O19K, ILSW, ILSW, ILSW, HOM, O20K, CNPM, CNPM, CNPM, CNPM, N19K, N19K, N19K, N19K, BRLL, BRLL, SVW2, SVW2, AKUT, BRSE, BRSE, UNV, CAPN, N20K, SPU, SEW, O22K, M19K, M19K, M20K, L19K, L19K, SUA, SUA, RC01, SKT, L20K, PWL, TTA, TTA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMR Palmer, KMK Knik Glacier, SP1A Saint Paul Is, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, AKTO Aktyubinsk, AKASG Malin Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SGF Rovaniemi, RNF Kevo, ARAO ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Barichara, Pamplona, Barranca, La Rusia, Tame, Zaragoza, etc.

Table with columns: FLOC, Florencia, 5.81 206, Pn, Sn. Includes stations like Gorgona, La Cruz, Volcan Galeras, Isla Barro, etc.

Table with columns: LCMT, Little Creek M, 47.30 315, P, Iamb. Includes stations like Pasa Flores, Pinedale Array, Schefferville, Toone Canyon, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Nonsavu, Asara Springs, Warrungarra Arr, etc.

IDC 13 20:32:22.8-18.0, 23:08S-179.27E, h0km, MLv3.77, Off E. Coast of N. Island, N.Z.
IDC 13 20:36:17.7-3.0, 36:93S-178:45E, h0km, mb3.6/2, mbmp3.6/2, Error ellipse: s-maj=67.5km, s-min=28.8km, az=113.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Matakaoa Point, Waomatatini S, Pakihiroa, etc.

GUC 13 21:06:40.6,0.7,30.44S,-71.62W,h31km,2km,ML4.1
NEIC 13 21:06:40.9,1.0,30.44S,-71.53W,0.07,h24km,13km,
Error ellipse: s-maj=9.6km s-min=3.6km az=109.0

ISC 13 21:06:40.7,1.1,30.44S,-71.58W,0.06,h23km,9km,
n39,c112/54,Near coast of central Chile

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

IDC 13 21:11:14.4,2.1,1.46N,-126.43E,h0km,mb3.6/3,
mbtmp3.3/3,Error ellipse: s-maj=176.9km
s-min=26.7km az=65.0,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC 13 21:11:14.4 event.

IDC 13 21:14:19.1,2.9,40.11N,-19.25E,h0km,mb3.6/6,
mbtmp3.6/10,ML3.4/3,MS3.2/2,Error ellipse:
s-maj=49.1km s-min=17.5km az=26.0

BE0 13 21:14:22.0,4.0,53N,-19.40E,h2km,3km,ML3.2/7
THE 13 21:14:24.4,4.0,80N,-19.62E,h3km,1km,ML3.2/8,Error
ellipse: s-maj=1.6km s-min=0.9km az=305.0

PDG 13 21:14:25.9,0.6,40.78N,-19.66E,h0km,11km,ML3.1/13,
Error ellipse: s-maj=0.7km s-min=1.2km az=0.0

TIR 13 21:14:25.1,4.0,72N,-19.72E,h1km,2km,ML3.6,ML3.2
ATH 13 21:14:25.6,4.0,81N,-19.61E,h17km,6km,ML3.2/5,Error
ellipse: s-maj=7.0km s-min=1.8km az=335.0

ISC 13 21:14:25.4,1.0,40.73N,-19.62E,0.02,h10km,2km,
n110,c113/45,mb3.8/4,18C-9D,Albania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC 13 21:14:25.4 event.

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

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

MAN 13 21:19:13.6,7.2,29N,-126.62E,h24km,mb4.6,ML3.5,MS3.4
IDC 13 21:19:13.2,3.7,7.34N,-126.89E,h60km,33km,mb3.4/4,
mbtmp4.0/6,ML4.5/2,Error ellipse: s-maj=37.6km
s-min=18.0km az=43.0

ISC 13 21:19:13.0,1.1,7.18N,-126.79E,0.07,h47km,13km,
n27,c250/40,mb3.6/4,12C-5D,Mindanao

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

NNC 13 21:19:54.0,2.5,44.67N,-81.07E,h0km,mb2.5,mpv2.4,
Error ellipse: s-maj=44.3km s-min=13.1km az=124.0

SOME 13 21:19:55.3,42.02N,-80.80E,h5km,1C-1D,
Kyrgyzstan-Xinjiang border region

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

RSNC 13 21:27:02.6,1.0,6.77N,-73.10W,h145km,4km,ML3.1,
Mw3.6,4D,Northern Colombia

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

CIMA	comp=N,8735um,0.6s	AML	AML						
CIMA	comp=E,9280um,1.2s	AML	AML						
PP3	comp=N,8730um,0.6s	P	Pb	21 48 11.6 +0.4					
PP3	Marolino	S	Sb	21 48 20.1 +1.1					
PP3	comp=E,9945um,0.8s	AML	AML						
PP3	comp=N,8875um,0.2s	AML	AML						
PP3	comp=E,9970um,0.8s	AML	AML						
PP3	comp=N,8870um,0.2s	AML	AML						
PP3	comp=E,9525um,0.8s	AML	AML						
PP3	comp=E,9475um,0.8s	AML	AML						
PP3	comp=N,8825um,0.2s	AML	AML						
PP3	comp=E,9950um,0.8s	AML	AML						
PP3	comp=N,9190um,1.6s	AML	AML						
ATTE	AVT- Monte Tez	P	Pg	21 48 11.1 +0.4					
ATTE		S	Sb	21 48 19.8 +0.5					
ATTE	comp=E,4045um,0.4s	AML	AML						
ATTE	comp=N,3435um,1.0s	AML	AML						
T1247	Pizzolo (AQ)	P	Pg	21 48 11.2 +0.4					
T1247		S	Sb	21 48 19.8 +0.4					
T1247	comp=E,6490um,0.8s	AML	AML						
T1247	comp=N,5565um,1.2s	AML	AML						
FRON	Frontone	P	Pg	21 48 11.3 +0.2					
FRON	comp=E,4160um,1.5s	AML	AML						
FRON	comp=N,5810um,1.3s	AML	AML						
ATVO	AVT- Monte Val	P	Pg	21 48 12.1 +0.3					
ATVO		S	Sb	21 48 21.9 +0.9					
ATVO	comp=E,3370um,0.3s	AML	AML						
ATVO	comp=N,4300um,0.7s	AML	AML						
ATVA	AVT- Monte Val	P	Pg	21 48 12.6 +0.5					
ATVA		S	Sb	21 48 22.5 +1.0					
COR1	Corinaldo	P	Pb	21 48 13.2 +0.5					
COR1		S	Sb	21 48 22.8 +1.1					
COR1	comp=E,4090um,0.8s	AML	AML						
TRTR	Tortoreto Alta	P	Pb	21 48 13.0 +0.3					
TRTR		S	Sb	21 48 22.3 +0.7					
TRTR	comp=E,15050um,0.6s	AML	AML						
TRTR	comp=N,14400um,0.4s	AML	AML						
GIGS	Gran Sasso	P	Pg	21 48 12.3 0.0					
GIGS		S	Sb	21 48 22.6 +0.9					
GIGS	comp=N,1031um,0.5s	AML	AML						
GIGS	comp=E,1795um,0.4s	AML	AML						
ATPI	Pietralunga -	P	Pg	21 48 13.2 +0.5					
ATPI		S	Sb	21 48 23.6 +1.2					
ATPI	comp=E,2585um,0.7s	AML	AML						
ATPI	comp=N,2830um,1.3s	AML	AML						
PIEI	Pieia	P	Pg	21 48 12.9 +0.2					
PIEI		S	Sb	21 48 23.7 +1.2					
PIEI	comp=E,3230um,0.3s	AML	AML						
PIEI	comp=N,2815um,0.9s	AML	AML						
AQU	L'Aquila	P	Pg	21 48 13.0 +0.2					
AQU		S	Sb	21 48 23.0 +0.5					
AQU	comp=E,2410um,1.1s	AML	AML						
AQU	comp=E,2385um,1.1s	AML	AML						
AQU	comp=N,3100um,0.6s	AML	AML						
AQU	comp=N,2930um,0.6s	AML	AML						
ATMI	Monte Miggiano	P	Pb	21 48 13.9 +0.7					
ATMI		S	Sb	21 48 23.3 +0.7					
ATMI	comp=E,7715um,0.5s	AML	AML						
ATMI	comp=N,11700um,0.5s	AML	AML						
MPAG	Monte Paganucc	P	Pg	21 48 13.2 +0.3					
MPAG		S	Sg	21 48 22.6 +0.8					
MPAG	comp=E,4275um,0.4s	AML	AML						
MPAG	comp=N,5235um,0.6s	AML	AML						
MPAG	comp=E,4280um,0.4s	AML	AML						
MPAG	comp=N,5270um,0.6s	AML	AML						
MPAG	comp=N,5235um,0.6s	AML	AML						
MPAG	comp=E,4270um,0.4s	AML	AML						
AOI	Ancona	P	Pg	21 48 13.3 +0.3					
AOI		S	Sb	21 48 23.2 +0.4					
AOI	comp=E,3625um,1.0s	AML	AML						
AOI	comp=N,3625um,0.3s	AML	AML						
MGAB	Montegabbione	P	Pg	21 48 13.9 +0.7					
MGAB		S	Sb						
MGAB	comp=E,11950um,0.4s	AML	AML						
MGAB	comp=N,6650um,1.2s	AML	AML						
MGAB	comp=E,10585um,0.4s	AML	AML						
MGAB	comp=N,8185um,0.4s	AML	AML						
PCRO	Pietralacroce	P	Pb	21 48 14.1 +0.3					
FIAM	Fiamignano	P	Pg	21 48 13.5 0.0					
FIAM		S	Sb	21 48 24.8 +1.1					
FIAM	comp=E,2440um,1.3s	AML	AML						
FIAM	comp=N,1795um,0.4s	AML	AML						
NARO	Abbazia di Nar	P	Pg	21 48 13.8 +0.2					
NARO		S	Sb						
NARO	comp=E,400um,0.4s	AML	AML						
NARO	comp=N,444um,0.2s	AML	AML						
SENI	Senigallia	P	Pb	21 48 15.0 +0.9					
SENI		S	Sb						
SENI	comp=E,3505um,0.6s	AML	AML						
SENI	comp=N,3040um,0.5s	AML	AML						
FSSB	Fossombrone	P	Pg	21 48 14.3 +0.4					
FSSB		S	Sb	21 48 24.6 +0.3					
FSSB	comp=N,16750um,0.4s	AML	AML						
FSSB	comp=E,14350um,0.5s	AML	AML						
APEC	Apecchio	P	Pb	21 48 14.7 +0.3					
APEC		S	Sb						
APEC	comp=E,3790um,1.0s	AML	AML						
APEC	comp=N,3125um,0.5s	AML	AML						
APEC	comp=E,3675um,0.9s	AML	AML						
APEC	comp=N,3250um,0.5s	AML	AML						
ATMC	Monte Cedrone	P	Pg	21 48 15.3 +0.5					
BADI	Badiali	P	Pg	21 48 15.5 +0.4					
BADI		S	Sb						
BADI	comp=N,1700um,0.8s	AML	AML						
BADI	comp=E,128um,1.1s	AML	AML						
FAGN	Fagnano	P	Pb	21 48 15.3 -0.1					
FAGN		S	Sb	21 48 26.9 +0.5					
FAGN	comp=N,8735um,0.6s	AML	AML						

FAGN	comp=E,6090um,0.6s	AML	AML						
VCEL	comp=N,5030um,0.3s	P	Pg	0.82 136					
VCEL	Villa Celiera	S	Sb	21 48 26.4 +0.1					
VCEL	comp=N,5540um,0.7s	AML	AML						
SRES	comp=E,9110um,0.5s	P	Pg	21 48 16.5 +0.4					
SRES	S.Oreste - S	S	Sg	21 48 27.9 +0.7					
SRES	comp=E,1940um,1.1s	AML	AML						
SRES	comp=N,2015um,0.3s	AML	AML						
SACS	San Casciano d	P	Pg	21 48 16.5 +0.3					
SACS		S	Sb						
SACS	comp=N,2750um,0.7s	AML	AML						
SACS	comp=E,1595um,0.3s	AML	AML						
CAFI	Castiglione Fio	P	Pg	21 48 16.9 +0.4					
PARC	Parchiule	P	Pg	0.90 318					
PARC		S	Sb	21 48 17.4 +0.5					
PARC	comp=E,1800um,0.8s	AML	AML						
PARC	comp=N,1800um,1.1s	AML	AML						
T0110	Collepietro	P	Pg	0.92 145					
T0110		S	Sb	21 48 17.0 -0.4					
T0110	comp=N,5500um,0.5s	AML	AML	21 48 29.3 -0.2					
T0110	comp=N,5500um,0.5s	AML	AML						
PESA	comp=E,6130um,0.5s	P	Pg	0.97 350					
PESA	Pesaro	S	Sb	21 48 18.3 0.0					
PESA	comp=E,6020um,1.2s	AML	AML						
PESA	comp=N,4440um,0.3s	AML	AML						
CPGN	Carpegna, Ital	P	Pg	0.98 327					
CPGN		S	Sb	21 48 18.6 +0.1					
CPGN	comp=E,2530um,1.4s	AML	AML						
CPGN	comp=N,2340um,0.4s	AML	AML						
CPGN	comp=N,2030um,1.1s	AML	AML						
CPGN	comp=E,2015um,0.4s	AML	AML						
MTCE	Montecelio	P	Pg	0.99 194					
MTCE		S	Sb	21 48 18.5 -0.2					
MTCE	comp=N,1520um,0.8s	AML	AML	21 48 32.0 +0.4					
MTCE	comp=E,1765um,1.6s	AML	AML						
PTQR	Pietraquaria	P	Pg	0.99 165					
PTQR		S	Sb	21 48 18.5 -0.2					
PTQR	comp=N,724um,1.4s	AML	AML						
PTQR	comp=E,929um,1.0s	AML	AML						
LATE	Laterza	P	Pb	1.00 249					
SF11	Podere del Sol	P	Pg	1.02 264					
SF03	Valle Cupa	P	Pb	1.03 260					
CRE	Caprese Michel	P	Pg	1.03 308					
CRE		S	Sb	21 48 20.3 +1.0					
CRE	comp=E,866um,1.1s	AML	AML						
CRE	comp=N,1450um,0.4s	AML	AML						
CERT	Cerreto	P	Pg	1.04 183					
CERT		S	Sb	21 48 19.3 -0.2					
CERT	comp=E,1860um,0.5s	AML	AML						
CERT	comp=N,1048um,1.1s	AML	AML						
MCIV	Monte Civitelli	P	Pg	1.04 259					
MCIV		S	Sb	21 48 20.1 +0.4					
MCIV	comp=N,798um,0.6s	AML	AML						
MCIV	comp=E,1255um,0.5s	AML	AML						
SF04	Caserta	P	Pn	1.04 262					
SF04		S	Sb	21 48 20.7 +0.8					
SF04	comp=E,1340um,0.3s	AML	AML						
SF04	comp=N,1145um,0.3s	AML	AML						
SF13	Saiano	P	Pb	1.07 262					
SF01	Poggio Pratacc	P	Pn	1.12 262					
SF01		S	Sb	21 48 21.1 +1.1					
SF01	comp=N,1119um,0.9s	AML	AML	21 48 22.0 +1.1					
SF01	comp=E,1038um,0.8s	AML	AML						
RCAV	Rocca di Cave	P	Pg	1.14 184					
RCAV		S	Sb	21 48 20.5 -1.0					
RCAV	comp=N,1630um,1.5s	AML	AML						
RCAV	comp=E,1286um,0.4s	AML	AML						
INTR	Introdacqua	P	Pg	1.15 147					
INTR		S	Sb	21 48 20.6 -1.2					
INTR	comp=E,1525um,0.9s	AML	AML						
INTR	comp=N,3870um,0.9s	AML	AML						
INTR	comp=E,2um,0.9s	AML	AML						
INTR	comp=N,3um,0.9s	AML	AML						
ARCI	Arcidosso	P	Pn	1.18 264					
ARCI		S	Sb	21 48 23.2 +1.5					
ARCI	comp=E,262um,0.5s	AML	AML						

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

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

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like PDGK, JMMU, TDK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKTO, BHPL, ZAAO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG, FIA1, IDI, etc.

IGQ 13 22:55:45.11, 1.1N, 7.8W, h5km
NEIC 13 22:55:51.8, 1.2, 0.95N, 0.05S, 79.77W, 0.04, h29km, 5km, mb4, 4/19, Error ellipse: s-maj=7.6km s-min=4.4km

Table with columns for Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AMA1, PTGL, AV21, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TOKT Tokat, MERS Mersin, AKDM Akdamar-Van, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB10 IPOC Station P, PB10 IPOC Station P, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BIPH Bislig, JCNP Jose Panganiba, SSLB Suanglung, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like NJ2, SUJ, SWI, SUI, YSS, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KLR, KLD, NLAI, MYLDM, GRNR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like QLP, NIKH, RMO, KSI, PSI, MASI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MEEK, TNA, DNN, TMA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KPKS, KPKS, KPKS, L20K, etc.

14d 2h

Table with columns: SEW, Seward, 59.88, 32, I/Amb, I/Amb, 02 11 41.1, etc. Lists various locations and their associated data points.

2016 DEC

Table with columns: AAK, Ala-Archa, 61.35, 308, P, I/Amb, P, I/Amb, 02 11 35.4, -1.9, etc. Lists various locations and their associated data points.

982

Table with columns: VREDI, comp=Z,50nm,1.0s, IAMS_20, IAMS_20, 02 35 47.0, etc. Lists various locations and their associated data points.

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 Aishikik Lake, P30M Million Dollar, M30M Minto, Yukon, 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 GRNB Grenville Isla, AB31 Akbulak array, C36M Paultek, 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 SMDO Samad, SMDO SNR=7.5, HAWA Hanford, etc.

14d 2h

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 14d 2h band.

2016 DEC

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 2016 DEC band.

986

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 986 band.

Table with columns: Station Name, Az, Op, Phase ID, ISC, Time, Res, H, M, S, ISC. Includes stations like H11N3 WAKE ISLAND Hy 28.71 17 T T, H11N2 WAKE ISLAND Hy 28.72 17 T T, KNRA Kumunurra 30.11 252 P Iamb, etc.

IDC 14 02:29:38.5-4.7, 21.53N:144.39E, h0km, mb3.8/3, mbtmp3.8/3, Error ellipse: s-maj=301.3km

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, H, M, S, ISC. Includes stations like WRA Warramunga Arr 42.49 195 P, ASAR Alice Springs 46.18 194 P, FINES FINESS Array B 84.01 335 P, etc.

IDC 14 02:29:58.7-0.8, 21.32N:144.27E, h0km, mb4.0/11, mbtmp4.0/11, Error ellipse: s-maj=34.0km s-min=18.8km

IDC 14 02:30:04.0-0.9, 21.31N:144.3E, h0km, mb3.8/3, mbtmp3.8/3, Error ellipse: s-maj=301.3km

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, H, M, S, ISC. Includes stations like KRSR Korea Array 21.51 322 P, KLR Kul'dur 29.66 343 P, SONM Songo Array 40.36 320 P, SEY Seymchan 42.01 5 P, WRA Warramunga Arr 42.10 194 P, ASAR Alice Springs 45.79 193 P, ZALV Zalesovo Beam 55.22 322 P, MKAR Makanchi Array 55.78 313 P, ILAR Eielson Array 61.94 27 P, YKA Yellowknife Ar 76.34 28 P, NVAR Mina Array Bea 82.57 52 P, FINES FINESS Array B 84.04 335 P, PLCA Paso Flores 144.66 311 PKP

IDC 14 02:33:39.5-0.6, 21.35N:144.08E, h0km, mb4.1/23, mbtmp4.1/23, Error ellipse: s-maj=22.7km s-min=16.1km

NEIC 14 02:33:41.6-1.4, 21.39N:144.1E, h0km, mb4.8/23, Error ellipse: s-maj=26.9km s-min=2.9km

ISC-EH 14 02:33:44.8, 21.36N:144.12E, h33km, Error ellipse: s-maj=5.2km s-min=5.0km az=115.0

IDC 14 02:33:44.7-0.6, 21.28N:144.1E, h33km, n165, s=1501/158, mb4.3/34, Mariana Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, H, M, S, ISC. Includes stations like JCJ Chichijima 15.94 344 Pn, JGF Kuroka 15.34 339 P, MJAR Matsushiro Arr 15.95 349 Pn, JMM Muramori 16.67 351 Iamb, KRSR Korea Array 21.51 322 P, H11N1 WAKE ISLAND Hy 21.44 90 T, H11N2 WAKE ISLAND Hy 21.44 90 T, H11N3 WAKE ISLAND Hy 21.46 90 T, H11S3 WAKE ISLAND Hy 21.46 94 T, H11S1 WAKE ISLAND Hy 21.47 94 T, H11S2 WAKE ISLAND Hy 21.48 94 T, USA0B Ussuriysk Arra 24.86 339 P, USRK Ussuriysk Ar. 24.86 339 P, USRK Ussuriysk Ar. 29.47 343 P, PEAOB Petropavlovsk-33.36 15 P, PETK Petropavlovsk-33.36 15 P, SONM Songo Array 40.10 320 P, SONM Songo Array 40.10 320 P, SEY Seymchan 41.91 6 P, WBO Warramunga Arr 41.97 194 P, WRO Warramunga Arr 42.13 193 P, WRAB Tennant Creek 42.14 194 P, WB2 Warramunga Arr 42.15 194 P, WRA Warramunga Arr 42.16 194 P

Table with columns: Station Name, Az, Op, Phase ID, ISC, Time, Res, H, M, S, ISC. Includes stations like WRA Warramunga Arr 42.16 194 P, FITZ Filzroy Cross 43.19 206 P, ASAR Alice Springs 45.85 193 P, FORT Forest 54.09 197 P, ZALV Zalesovo Beam 54.97 322 P, MKAR Makanchi Array 55.51 313 P, N16K Nishik Lake 55.59 30 P, O16K Koktok River B 55.64 31 P, O18K Koktok Hills 57.12 32 P, TTA Talalina 57.59 28 P, O19K Cooper Port 57.64 31 P, N19K Bonanza Creek 57.71 31 P, N19K Bonanza Creek 57.71 31 P, KDAK Kodiak Island 58.00 34 P, KURK Kurchatov 58.26 31 P, K20K Telida 58.56 28 P, M20K Styx River 58.60 30 P, J20K Novita River 58.75 27 P, SKT Skwentna 59.36 30 P, IMAR Indian Mountai 59.43 25 P, CAST Castle Rocks 59.44 28 P, CHUM Lake Minchumin 59.45 27 P, G21K Allakaket 59.67 24 P, H21K Melozitna Rive 59.71 25 P, H21K Melozitna Rive 59.71 25 P, F21K Alatina River 59.89 24 P, O22K Cooper Landing 59.93 32 P, SEW Seward 60.00 32 P, RC01 Rabbit Creek A 60.03 31 P, BPAW Bear Paw Mtn. 60.07 27 P, BPAW Bear Paw Mtn. 60.07 27 P, TRF Thorofare Moun 60.23 28 P, A21K Barrow 60.24 19 P, H22K Ishtalitna Cre 60.34 25 P, MLY Manley 60.39 26 P, MLY Manley 60.39 26 P, PMR Palmer 60.41 30 P, F22K John River 60.46 23 P, G22K Bettles 60.55 24 P, PWL Port Wells 60.67 31 P, KNK Knik Glacier 60.70 31 P, SML Sawmill 60.82 30 P, MCK McKinley 60.88 28 P, WAT1 Susuwa Watana 60.89 29 P, I23K Minto, Yukon-K 60.98 26 P, H23K Yukon River 61.05 26 P, G23K Bananza Creek 61.07 25 P, M23K Glacier View 61.10 30 P, COLD Coldfoot 61.12 24 P, WAT6 Susitna Watana 61.22 29 P, SCM Sheep Creek Mo 61.29 30 P, D23K Nanushuk River 61.39 22 P, DHY Denali Highway 61.46 29 P, E23K Chandalar 61.54 23 P, C23K Kiklik River 61.65 21 P, TOLK Toolik Lake Re 61.70 22 P, H24K Noodor Dome 61.73 26 P, HDA Harding Lake 61.86 27 P, ILAR Eielson Array 61.95 27 P, E24K Your Creek 61.96 23 P, G24K Hadweenzik Riv 62.05 25 P, F24K Squaw Lake 62.06 24 P, C24K Franklin Bluff 62.26 21 P, K24K Donnelly Dome 62.28 28 P, PAX Paxson 62.31 29 P, HARP HAARP 62.38 30 P, BMRM Bremner River 62.49 31 P, N25K Chitina Valde 62.56 31 P, J25K Salcha River, 62.57 27 P, PRP Porcupine Dome 62.63 26 P, RIDG Independent Ri 62.68 28 P, F25K Christian River 62.92 24 P, D25K Kavik River 62.97 22 P, E25K Arctic Village 63.04 23 P, SCRK Sand Creek 63.09 28 P, L26K Log Cabin Vill 63.27 29 P, MCARA McCarthy VSAT 63.29 31 P, BMAR Burnt Mountain 63.30 24 P, J26L Joseph Creek 63.33 27 P

Table with columns: Station Name, Az, Op, Phase ID, ISC, Time, Res, H, M, S, ISC. Includes stations like M26K Nabesna, AK 63.38 30 P, F26K Sheenjek River 63.50 24 P, G26K Porcupine Rive 63.54 25 P, C26K Camden Bay 63.59 21 P, KKAR Karatay Array 63.89 309 P, M27K Steamboat Creek, AK 63.90 30 P, C27K Jago River 63.95 22 P, L27K Beaver Creek 63.97 29 P, BCAR Beaver Creek A 63.99 29 P, I27K Kandik River 64.26 26 P, H27K Steamboat Moun 64.35 26 P, G27K Doyon Strip 64.36 25 P, EGAK Eagle 64.39 27 P, E27K Coleen River 64.52 23 P, DAWY Dawson 65.11 28 P, YUKA Talbot Arm 65.39 31 P, O29M Mount Kennedy 65.43 32 P, M29M Somme Creek 65.49 30 P, YUK6 Outpost Mounta 65.53 32 P, L29M L29M 65.65 29 P, P29M Windy Craggy 65.66 33 P, K29M Barlow Dome 65.93 28 P, HYT Haines Junctio 65.95 32 P, N30M Aishikik Lake 66.14 31 P, P30M Million Dollar 66.24 32 P, M30M Minto, Yukon 66.27 30 P, EPYK Eagle Plains 66.30 26 P, G30M Atoh Zraii Nji 66.51 25 P, PLBC Pleasant Camp 66.56 33 P, F31M Tsiighehtich 67.47 24 P, INK Inuvik 67.53 24 P, INK Inuvik 67.53 24 P, INK Inuvik 67.53 24 P, MMPY Sheldon Lake, 68.82 30 P, H02S1 DAWSON INLET T 69.31 40 T, R33M Jennings River 69.32 33 P, DLBC Dease Lake 69.34 34 P, DLBC Dease Lake 69.34 34 P, A36M Sachs Harbour 70.06 19 P, ABKAR Akbulak array 70.34 316 P, C36M Paulatuk 70.85 22 P, GEYT Alikeb 74.10 305 P, YKA Yellowknife Ar 76.35 28 P, RES Resolute Bay 77.19 14 P, RES Resolute Bay 77.19 14 P, PINE Pine Mountain 78.98 47 P, ARCES ARCES Array B 79.48 342 P, NEW Newport 79.97 42 P, NVAR Mina Array Bea 82.70 52 P, KBZ Khabaz 83.17 314 P, FINES FINESS Array B 83.82 335 P, ELK Elko 84.02 49 P, PDAR Pinedale Array 87.04 45 P, PLCA Paso Flores 144.93 311 PKP, LPAZ La Paz 149.15 186 PKPbc

IDC 14 02:45:40.1-1.3, 11.05S:161.59E, h0km, mb3.8/5, mbtmp3.9/7, ML4.3/2, Error ellipse: s-maj=29.5km

ISC 14 02:45:44.4-1.0, 11.1S:161.6E, h28km, n7, s=0884/83, mb3.7/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, H, M, S, ISC. Includes stations like WRA Warramunga Arr 41.64 194 P, ASAR Alice Springs 45.84 193 P, ILAR Eielson Array 62.44 27 P, HNR Honiara 2.29 315 P, DZM Mont Dzumac 11.89 158 P, WRA Warramunga Arr 27.66 248 P, ASAR Alice Springs 29.17 241 P, SONM Songo Array 76.31 325 P, ILAR Eielson Array 84.87 20 P

0.3nm,0.6s
YKA Yellowknife Ar 96.88 28 P
0.2nm,0.5s,baz=263,slow=4.6,SNR=4.8
0.2nm,0.5s

KRSC 14 02:47:21.7-1.6,56.19N:160.90E,h162km,10km,ML3.9
NEIC 14 02:47:21.6-1.9,56.3N:0.1:160.7E;0.2,h136km;10km,
mb4.0/27,Error ellipse: s-maj=16.9km s-min=15.9km
az=107.0

MOS 14 02:47:22.1-2.0,56.21N:160.82E,h159km,mb4.0/1,Error
ellipse: s-maj=17.3km s-min=5.6km az=77.6
IDC 14 02:47:24.1-1.9,56.12N:160.67E,h166km;20km,
mb3.3/12,mbtmp3.3/14,Error ellipse: s-maj=18.0km
s-min=15.0km az=172.0

ISC 14 02:47:23.4-0.6,56.15N:104.160.89E;0.05,h159km;4km,
n121,r1504/161,mb3.9/26,1C,Kamchatka Peninsula

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

Table with columns: WRH, IL31, ILAR, J25K, BMAR, SCRR, J26L, EGAK, L27K, BCAR, M27K, INK, INK, HYT, C36M, EUNU, YKA, SPITS, MKAR, MKAR, MKAR, NVAR, PDAR, PDAR, KKAR, ABKAR, FINES, FINES, NOA, GEYT, TX31, TX32, TXAR, BURAR, WRA, ASAR, MKAR, ILAR, YKA, FINES, GUC, VAO, Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and data points.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and data points.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and data points.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and data points.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and data points.

Table with columns: TA02, TA01, PB01, PATCX, PB02, PB09, PB07, LPAZ, LPZ, PB03, PB04, LVC, LVC, PB15, SIV, ETMB, VILB, PP1B, PDRB, IT0B, CRSM, PTGB, ARAG, RDDS, P2MB, ITAB, ALGR, MACA, NPGB, CPBS, SNOB, FRTB, BB19B, ITTB, TJUJ, IPMB, BDFB, BDFB, RCLB, PCLB, PRPB, SMTB, JANB, DIAM, SDBA, TXAR, DBIC, TORD, YKA, WRA, Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and data points.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and data points.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and data points.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and data points.

NEIC 14 03:24:10.10:48S:161.50E,h36km,Moment Tensor Solution. Duration: 12s Moment tensor: Scale 10^17Nm; Mrr-0.04; Mss-0.71; Mss-0.34; Mss-0.58; Mss-0.40; Mrr-0.66; Fault plane solution: M0:3.4000E+10^17 NP1: 0.295,0.0000,-0.825,0.0000,-1.74,0.0000; NP2: 0.132,0.0000,-0.866,0.0000,-1.97,0.0000; Principal axes: T 1.3861, P169.0000, Azm57.0000; N -0.1078, P167.0000, Azm309.0000; P -1.2783, P162.0000, Azm217.0000;

NOU 14 03:24:10.10:48S:161.31E,h47km,mb5.3/64,Solomon Islands

ISC 14 03:24:07.2.0.3:10.47S:161.43E,0.04,h42km,z2km, h42km;p-P.638,r125/546,mb5.3/209,MS4.8/55, 13C-8D,Bougainville Salomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like WBO Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like NWAO Narrogin (SRO), NWAO Narrogin (SRO), NWAO Narrogin (SRO), etc.

VNDA	Vanda	67.03	180	P	P	03 34 55.9	+0.4
VNDA				pP	pP	03 35 07.6	0.0
CRAI	Chiangrai	67.36	297	P	P	03 34 57.6	-0.9
HEH	HeiHe	67.36	337	eP	P	03 34 57.0	-0.9
HEH				pmax	pmax		
SBA	Scott Base	67.42	179	P	P	03 34 58.0	0.0
SBA				IAMB	IAMB	03 35 21.2	
SBA	comp-Z,36nm,1.5s						
SBA	Scott Base	67.42	179	P	P	03 34 58.0	0.0
SBA				pmax	pmax		
SBA	comp-Z,36nm,1.5s						
SBA	Scott Base	67.42	179	P	P	03 34 59.8	+1.8
SBA				pP	pP	03 35 10.5	+0.4
SBA				pP	pP	03 35 02.0	-0.1
XLT	XiLinHaoTe	67.98	326	eP	P	03 35 13.1	+1.3
XLT				sP	S	03 44 02.3	+4.0
XLT				SS	SS	03 48 21.4	+0.1
XLT				pmax	pmax		
XLT	comp-Z,25nm,1.2s						
XLT	comp-Z,340nm,3.6s			LR	LR		
XLT	comp-Z,50nm,16.0s			LR	LR		
XLT	comp-Z,450nm,13.5s			LR	LR		
XLT	comp-Z,510nm,16.0s			LR	LR		
CCD	Concordia, Ant	68.00	190	P	P	03 35 02.2	+0.1
CCD				pP	pP	03 35 14.0	+0.5
CMAR	Chiang Mai Arr	68.01	295	P	P	03 35 03.0	+0.4
CMAR				LR	LR	04 04 03.5	
CMAR	comp-Z,105nm,20.7s,baz=135,slow=35						
CMAR	comp-Z,1.2nm,0.8s						
CMAR	Chiang Mai Arr	68.01	295	P	P	03 35 01.2	-1.5
PZH	PanZhiHua	68.61	304	P	P	03 35 16.3	+1.0
PZH				pP	pP	03 37 38.3	-0.1
PZH				S	S	03 44 12.4	+5.9
PZH				pmax	pmax		
PZH	comp-Z,10.0nm,0.7s						
PZH	comp-Z,120nm,4.7s			LR	LR		
PZH	comp=N,11m,20.6s			LR	LR		
PZH	comp=E,810nm,19.6s			LR	LR		
PZH	comp-Z,930nm,19.7s			LR	LR		
HHC	Hu-ho-hao-te	68.70	322	eP	P	03 35 09.9	+3.2
HHC				pmax	pmax		
HHC	comp-Z,11nm,0.9s						
HHC	comp-Z,890nm,5.6s			pmax	pmax		
CD2	Chengdu	68.91	309	eP	P	03 35 10.0	+1.9
HIA	Hailar	68.94	332	IAMB	IAMB	03 35 13.1	-0.4
HIA				IAMB	IAMB	03 35 26.2	
HIA	comp-Z,46nm,1.3s						
HIA	Hailar	68.94	332	eP	P	03 35 13.0	-0.4
HIA				pmax	pmax		
HIA	comp-Z,15nm,0.7s						
HIA	Hailar	68.94	332	pP	pP	03 35 13.0	-0.4
ZEA	Zeya	70.24	339	eP	P	03 35 24.9	-0.9
ZEA				pmax	pmax	03 35 16.1	+0.4
ZEA	comp=E,10.0nm,0.5s						
ZEA	comp=N,30nm,1.0s			pmax	pmax		
ZEA	comp-Z,50nm,1.2s			pmax	pmax		
MA2	Magadan	70.34	354	P	P	03 35 15.6	-0.6
MA2				P	P	04 02 59.1	
MA2	comp-Z,9.4nm,0.7s,baz=131,slow=11,SNR=1.5						
MA2	comp-Z,508nm,20.6s,baz=179,slow=33						
MA2	comp-Z,9.4nm,0.7s						
TNCH	TengChong	70.71	301	eP	pP	03 35 21.4	+1.9
TNCH				pP	pP	03 35 27.0	+4.4
LZH	Lanzhou	71.27	314	eP	pP	03 35 35.8	+1.1
LZH				sP	S		
LZH				pmax	pmax		
LZH	comp-Z,13nm,0.9s						
S12K	Black Hills	72.62	21	P	P	03 35 30.8	+0.6
SEY	Seymchan	73.52	356	P	P	03 35 34.6	-0.6
SEY				LR	LR	04 04 34.1	
SEY	comp-Z,6.7nm,0.6s,baz=358,slow=23,SNR=11						
SEY	comp-Z,658nm,21.8s,baz=152,slow=33						
SEY	comp-Z,6.7nm,0.6s						
SEY	Seymchan	73.52	356	P	P	03 35 35.0	-0.2
SEY				pmax	pmax		
ULN	Ulaanbaatar	75.39	326	P	P	03 35 46.1	-0.6
ULN				IAMB	IAMB	03 35 59.9	
ULN	comp-Z,61nm,1.3s						
ULN	Ulaanbaatar	75.39	326	eP	P	03 35 46.9	+0.3
ULN				pmax	pmax		
ULN	comp-Z,7.0nm,1.0s						
GTA	Gaotai	75.64	315	pP	P	03 35 50.0	+1.8
GTA				pP	pP	03 35 54.4	-6.0
GTA				sP	S	03 35 57.8	-3.1
GTA				pmax	pmax		
GTA	comp-Z,5.0nm,1.4s						
SONM	Songino Array	75.74	325	P	P	03 35 48.1	-0.5
SONM				LR	LR	04 11 01.6	
SONM	comp-Z,358nm,18.6s,baz=80,slow=37						
SONM	comp-Z,8.9nm,0.7s,baz=142,slow=5.7,SNR=37						
SONM	comp-Z,8.9nm,0.7s						
SONM	Songino Array	75.74	325	P	P	03 35 48.2	-0.4
SONM				IAMB	IAMB	03 36 01.7	
SONM	comp-Z,40nm,1.2s						
SONM	Songino Array	75.74	325	P	P	03 35 48.2	-0.4
SONM				pmax	pmax		
BRDH	Bariadhala	75.84	297	LR	LR	04 08 27.0	
BRDH				LR	LR		
BRDH	comp-Z,144nm,21.3s,baz=138,slow=36						
R17K	Ugashik Creek	76.13	22	P	P	03 35 50.0	-0.4
SII	Sitkinak Isian	76.19	24	P	P	03 35 51.7	+0.9
YAK	Yakutsk	76.40	345	P	P	03 35 51.5	-0.3
YAK				LR	LR	04 06 40.3	
YAK	comp-Z,695nm,22.0s,baz=90,slow=33						
YAK	comp-Z,22nm,0.8s						
YAK	Yakutsk	76.40	345	P	P	03 35 51.0	-0.9
YAK				eP	P	03 35 51.2	-0.7
YAK				ePP	P	03 36 02.9	-0.6
YAK				eS	S	03 45 33.2	-0.6
YAK				eSS	S	03 45 55.3	+1.4
YAK				e		03 46 09.4	
YAK				pmax	pmax		
YAK	comp-Z,37nm,0.6s						
YAK	comp=N,3.0nm,0.6s			pmax	pmax		
YAK	comp=E,4.0nm,0.9s			pmax	pmax		
YAK	comp-Z,113nm,3.9s			pmax	pmax		
YAK	comp=N,330nm,4.6s			pmax	pmax		
YAK	comp=E,150nm,4.2s			smax	smax		
P16K	Nushagak River	76.60	20	P	P	03 35 52.6	-0.5
Q17K	Contact Creek	76.77	22	P	P	03 35 53.8	-0.3
Q16K	King Salmon	76.80	21	P	P	03 35 54.5	+0.3
GAMB	Gambell	76.82	12	P	P	03 35 54.3	+0.1
O16K	Kokwok River B	76.98	20	P	P	03 35 55.1	-0.2
O16K				LR	LR		
O16K	Old Harbor	77.00	23	P	P	03 35 55.3	-0.1
O16K				IAMB	IAMB	03 36 09.1	
O16K	comp-Z,43nm,1.0s						
O16K	Old Harbor	77.00	23	P	P	03 35 55.4	0.0
O16K				LR	LR		
O16K	Katmai Hardscr	77.37	22	P	P	03 35 57.0	-0.6
N16K	Nishilik Lake	77.44	19	P	P	03 35 58.8	+0.9
O17K	Koliganek Bris	77.46	20	P	P	03 35 58.1	+0.2
KD4K	Kodiak Island	77.67	23	P	P	03 35 58.9	-0.1

KDAD	comp-Z,36nm,0.8s,baz=237,slow=5.4,SNR=15			LR	LR	04 06 03.9	
KDAD	comp-Z,834nm,19.6s,baz=231,slow=32						
KDAD	comp-Z,36nm,0.8s						
KDAD	Kodiak Island	77.67	23	P	P	03 35 58.9	-0.1
KDAD				pmax	pmax		
KDAD	comp-Z,61nm,1.0s						
P18K	Big Mountain,	77.83	21	P	P	03 36 00.0	0.0
P18K				IAMB	IAMB	03 36 01.1	
P18K	comp-Z,41nm,0.9s						
P18K	Big Mountain,	77.83	21	P	P	03 35 59.4	-0.6
P18K				P	P		
GOMU	GeErMu	77.90	311	P	P	03 36 13.8	+1.2
GOMU				pP	pP	03 36 18.4	+0.1
GOMU				sP	S	03 36 20.0	+6.3
GOMU				pmax	pmax		
GOMU	comp-Z,5.0nm,0.5s						
Q19K	Cape Douglas,	78.07	22	P	P	03 36 01.2	-0.1
Q19K	Cape Douglas,	78.07	22	P	P	03 36 00.5	-0.9
Q19K							
O18K	Koktuh Hills	78.17	21	P	P	03 36 02.1	+0.2
O18K				IAMB	IAMB	03 36 03.3	
O18K	comp-Z,102nm,1.9s						
O18K	Koktuh Hills	78.17	21	P	P	03 36 01.4	-0.5
O18K				P	P		
BOD	Bodaibo	78.25	336	eP	P	03 36 01.1	-1.2
BOD				pmax	pmax		
BOD	comp-Z,41nm,1.5s						
Q20K	Shuyak Island	78.31	23	P	P	03 36 02.1	-0.6
Q20K				P	P		
BILL	Bilibino	78.39	2c	eP	P	03 36 02.8	-0.1
BILL				iP	P	03 36 08.9	-3.1
BILL				i		03 36 14.4	
BILL				S	S	03 46 08.0	+1.3
BILL				SSS	SSS	03 54 22.0	
BILL				pmax	pmax		
BILL	comp-Z,52nm,1.3s						
O19K	Port Alsworth	78.73	21	P	P	03 36 05.1	+0.2
O19K				P	P	03 36 04.9	0.0
O19K	Port Alsworth	78.73	21	P	P	03 36 05.2	+0.3
O19K				P	P	03 36 04.7	-0.3
P19K	Oil Pt	78.73	22	P	P	03 36 05.2	+0.3
P19K				P	P	03 36 04.7	-0.3
P19K	Oil Pt	78.73	22	P	P	03 36 05.2	+0.3
P19K				P	P	03 36 04.7	-0.3
ZAK	Zakamensk	78.84	326	eP	P	03 36 01.2	-4.7
ZAK				pmax	pmax		
ZAK	comp-Z,23nm,1.3s						
ANM	Nome	78.90	14	P	P	03 36 05.5	-0.2
ANM							
ANM	comp-Z,213						
SVWZ	Sparrevohn	78.95	20	P	P	03 36 06.9	+0.8
ILSW	Iliamna Southw	78.99	21	IAMB	IAMB	03 36 06.2	-0.3
ILSW				IAMB	IAMB	03 36 08.2	
ILSW	comp-Z,74nm,1.2s						
N19K	Bonanza Creek	79.11	20	P	P	03 36 07.5	+0.3
N19K				P	P	03 36 06.6	-0.6
N19K	Bonanza Creek	79.11	20	P	P	03 36 07.5	+0.3
N19K				P	P	03 36 06.6	-0.6
TNA	Tin City	79.17	12	P	P	03 36 07.4	+0.2
TNA				P	P		
HOM	Homer	79.31	22	P	P	03 36 08.3	+0.2
HOM				P	P		
CNPM	China Poot	79.38	22	P	P	03 36 09.5	+1.0
CNPM				IAMB	IAMB	03 36 10.5	
CNPM	comp-Z,66nm,1.0s						
QSPA	South Pole Qui	79.53	180	P	P	03 36 08.9	-0.6
QSPA				IAMB	IAMB	03 36 11.9	
QSPA	comp-Z,73nm,1.5s						
BRLK	Bradley Lake	79.67	22	P	P	03 36 10.3	+0.2
BRLK				IAMB	IAMB	03 36 11.4	
BRLK	comp-Z,34nm,0.9s						

PLAI Plampang 11.35 103 P Pn 03 29 47.9 +0.1

VAO 14 03:39:02.5 0.13, 18.55S:61.41W, h10km, mBR2.7,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Robore, Bolivia, Serra de San D, Paz, Colider, etc.

IDC 14 03:42:55.6 1.4, 28.04S:175.74W, h0km, mb3.8/5,

mbmp3.9/7, ML4.4/2, Error ellipse: s-maj=63.4km

s-min=20.2km az=144.0

ISC 14 03:42:59.6 0.8, 28.2S:02.175.6W, n14,

o81/15, mb3.9/5, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Raoul Island, Urewera, Stephens Creek, ASAR, WRA, etc.

IDC 14 03:47:04.1 2.6, 0.67S:14.07W, h0km, mb4.2/4,

mbmp4.2/5, ML3.9/1, Error ellipse: s-maj=66.6km

s-min=34.3km az=93.0

ISC 14 03:47:06.4 1.5, 0.65S:02.139W, 0.2, h10km, n13,

o184/10, mb4.3/3, 2C-1D, North of Auckland Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASCENSION HYDR, LIC Lamto, TIC, KIC, etc.

WEL 14 03:52:34.7 0.3, 43.3S:2.17.3E, h6km, 2km, M3.2/27,

ML3.4/21, MLV3.2/27, Error ellipse: s-maj=0.0km

s-min=0.0km az=110.2, confirmed

NOU 14 03:52:34.0 0.9, 42.71S:0.03:172.99E, h3km, MLV3.7/9, South

Island, New Zealand

ISC 14 03:52:34.9 0.9, 42.71S:0.03:172.99E, 0.03, h15km, n66,

o130/68, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Greta Valley S, KHZ, AMTZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FOZ, OGWZ, HOWZ, LBZ, etc.

ATH 14 03:53:53.9, 37.56N:23.50E, h18km, 2km, ML1.9/2, Error

ellipse: s-maj=2.7km s-min=0.9km az=175.0, Southern

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

BGR 14 03:53:58.0 1.0, 42.25N:13.75E, h10km, ML4.1/5, Error

ellipse: s-maj=21.1km s-min=1.1km az=101.0

IDC 14 03:54:00.3 0.9, 42.72N:13.17E, h0km, mb4.0/13,

mbmp3.9/24, ML3.7/8, MS4.0/3, Error ellipse:

s-maj=14.2km s-min=12.1km az=71.0

PDG 14 03:54:00.7 0.5, 42.65N:13.31E, h12km, ML3.8/11, Error

ellipse: s-maj=0.3km s-min=0.4km az=0.0

ROM 14 03:54:00.2 0.0, 42.64N:10.003:13.523E, 0.004,

h8km, ML3.8/161, Error ellipse: s-maj=0.4km s-min=0.1km

az=233.0

LDG 14 03:54:02.0 0.1, 42.52N:13.24E, h7km, M3.5/25, Error

ellipse: s-maj=4.1km s-min=2.3km az=38.0

PRU 14 03:54:03.4 0.0, 42.72N:13.42E, h10km

BEO 14 03:54:04.3 0.9, 42.75N:13.47E, h11km, 3km, ML3.8/8

STR 14 03:54:05.4 4.0, 43.1N:9.1E, 3.5, h10km, MLV3.4/13,

preliminary

ISC 14 03:54:00.8 0.6, 42.65N:0.01:13.31E, 0.01, h9km, 4km,

n404, o166/498, mb4.1/12, MS4.0/3, 84C-78D, Central

Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMA1, T1204, T1201, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMO1, GIGS, MC12, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JOBA Circle Bar Ran, TPNV Topopah Spring, MKAR R Makanchi Array, SHPR Sheep Range, WALA Wateron Lakes, PDAR Pinedale Array, YKA Yellowknife Arr, LEHM Lemhi, TORD Torodi Ar. Bea.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, CMAR Chiamai Mt Arr, ASAR Alice Springs, MKAR Makanchi Array, YKA Yellowknife Arr, FINES Finest Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BFZ Birch Farm, TIWZ Tintock, MRZ Mangatoinaka R, CPWZ Castlepoint, HPWZ Holdsworth Sta, TAWZ Te Maunga, OGWZ Otaki Gorge, KIWI Kapiti Island, MTW Mount Morrison, CAW Cannon Point, TRWZ Travelier, PAWZ Pigeon Farm, DUWZ D'Urville Isla, WEL Wellington, SNZO South Karori, PLWZ Palliser, TCWZ Tory Channel.

JMA 14 05:23:26.6;0.9,22°N;3°12'1E', h0km, TAIWAN REGION TAP 14 05:23:29.2;1.21°55'N;121°02'E, h28km, ML3.6,D ISC 14 05:23:29.9;2.5,21.8N;0.1;121.00E;0.04, h20km, 8km,

IDC 14 07:00:38.4;2.3,41°15'N;126°99'E, h0km, mb3.3/3, mbtmp3.3/3, Error ellipse: s-maj=163.6km s-min=29.6km az=66.0, Talaud Islands

JMA 14 07:18:40.3;0.4,33°N;4°13'9E', h303km, MV3.3/17, FAR S OFF TOKAI DISTRICT IDC 14 07:18:44.1;2.1,33°24'N;138°29'E, h282km,20km, mb3.1/6, mbtmp3.8/7, Error ellipse: s-maj=27.0km s-min=18.6km az=74.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TSEB Hengchuen, Pin, TSEB Hengchuen, TWKBT Hengchun, TWK1 Hengchun, TWK1 Hengchun, SMST Manzhou Townsh, SMST Hengchun, HEN Hengchun, HEN Hengchun, SLIU Shizi, SLIU Shizi, LAY Lan-yu, LAY Lan-yu, LYUB Lan-yu, LYUB Lan-yu, TAWH Dawu Township, TAWH Dawu Township, TAW Tawu, TAW Tawu, EAST Anshuo, EAST Anshuo, SCZT Fangiiau, SCZT Fangiiau, ECL Taimali, ECL Taimali, MASBT Mashbuluo, MASBT Mashbuluo, LDUT Ludao, LDUT Ludao, EDH Donghe, EDH Donghe, CHKT Chengkung, CHKT Chengkung, PHUB Peng-hu, PHUB Peng-hu, YOH Yonaguni jima, YOH Yonaguni jima, YQJ Yonaguni, YQJ Yonaguni, IRIF Iriomote-Funau, IRIF Iriomote-Funau, KNMB Chin-men Tao, KNMB Chin-men Tao, KNMB Chin-men Tao, JKRS Kuroshima, JKRS Kuroshima, JIJ Ishigaki jima, JIJ Ishigaki jima, JISG Ishigakijimahi, JISG Ishigakijimahi.

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

ISC 14 07:18:44.7;0.9,33.41N;0.10;138.47E;0.09, h300km, n19, e288/23, mb3.2/6, Southeast of Honshu

IDC 14 07:10:38.2;1.1,21°32'N;144°33'E, h0km, mb3.7/7, mbtmp3.7/7, Error ellipse: s-maj=52.3km s-min=20.9km az=95.0

ISC 14 07:18:44.7;0.9,33.41N;0.10;138.47E;0.09, h300km, n19, e288/23, mb3.2/6, Southeast of Honshu

ISC 14 07:10:43.4;1.1,21°31'N;144°33'E;0.3, h35km, n13, e084/7, mb3.6/7, Mariana Islands region

TK02 Tokai 2, TK03 Tokai 3, TTO1 TONANKAI O.B.S, JOD2 Odawara 2, JTNC Tanabakahech, BSO1 Boso 1, BSO1 Boso 1, JWY Kuyua, JYTA Yamagatanai, JRY Ryogami san, JRY Ashikaga, JAG Ashikaga, JAG Ashikaga, MJAR Matsushiro Arr, KRSR Korea Array, KLR Kul'dur, SONM Songino Array, MKAR Makanchi Array, WRA Warramunga Arr, YKA Yellowknife Arr, FINES FINESS Array B, TXAR Lajitas Array.

H1N1 WAKE ISLAND Hy 21.21, H1N2 WAKE ISLAND Hy 21.21, H1N3 WAKE ISLAND Hy 21.23, H1N3 WAKE ISLAND Hy 21.23, H1N3 WAKE ISLAND Hy 21.23, H1N3 WAKE ISLAND Hy 21.23, H1S2 WAKE ISLAND Hy 21.24, KLR Kul'dur, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, YKA Yellowknife Arr, FINES FINESS Array B.

DJA 14 07:21:17.1;0.9,1°S;4°12'6E', h11km,8km, M4.3/13, mb4.3/4, mB4.9/2, MLv4.2/3, Mw(mB)4.2/2 IDC 14 07:21:27.4;9.1,1°40'S;126°43'E, h78km,48km, mb3.9/10, mbtmp4.1/12, ML3.4/2, MS2.8/2, Error ellipse: s-maj=3.4km s-min=19.2km az=83.0

NOU 14 07:17:03.9,34°57'S;179°90'W, h293km, MLv4.5/9, South of Kermadec Islands WEL 14 07:17:18.9;1.0,35°56'S;17°9'E, 1°0, h12km, M4.1/44, ML4.2/24, MLv4.1/44, Error ellipse: s-maj=0.0km s-min=0.0km az=82.0, confirmed

ISC 14 07:21:17.9;0.7,1°32'S;0°06;126°28E;0.07, h29km, n24, e185/24, mb4.3/10, Southern Molucca Sea

ISC 14 07:17:14.3;1.3,35°25'N;179°22'E;0.2, h250km, nB4, e158/91, Off east coast of North Island

SANI Sanana, NLAI Namlea, NNTI Ternate, KRSI Kiriwina, LUWI Luwuk, APSI Ampama, MRSI Marisa, SIJI Sorong, SIJI Sorong, FAKI Fak Fak, MPSI Mapaga, SPSI Sidrap, KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, PETK Petropavlovsk, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kuramboro Arr, BVAR Borovoye Arr, AKTO Aktyubinsk, BELG Belogomoye, ILAR Eielson Array, TORD Torodi Ar. Bea.

Code Station Name Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, MXZ Matakaoa Point, WMGZ Waiomatatini S, HAZ Te Kaha, PKGZ Pakihiko, PUZ Puketiti, RUGZ Raukauanga Rang, TWGZ Tuwahareparea, WHRZ Whale Island, WHRZ Whale Island, KUZ Kuaotunu, KUZ Kuaotunu, GRZ Great Barrier, CNGZ Carnage Station, OPBZ Ohinepatea, MARZ Marawhake, URZ Urewera, URZ Urewera, RAGZ Rawiri, WIAG Waikere Island, RIGZ Rikihoua, KARZ Kaharoa, OMRZ Omania, MKAZ Moumakai, MUGZ Murrupara, MUGZ Murrupara, RTZ Ruatuhuna, TOZ Tahuroa Road, HRRZ Handcock Road, PRRZ Plateau Road, KNZ Kokohu, WCGZ Waipuku Caves, ALRZ Allen Road, MHGZ Mahia Peninsula, MTHZ Maungataniwha, WHHZ Waihua, ARHZ Aropoanui, ARHZ Aropoanui, BKZ Black Stump Fm, OUZ Omahuta, RITZ Rihia Road, WCHZ Waihanui Hill, CKHZ Cape Kidnapper, KWHZ Kaweka Forest, NTVZ North Tongariri, TZVZ Te Maari, HIMZ Hauiti, HIZ Hauiti, ETVZ East Tongariro, KRVZ Karewarewa, NNVZ North Ngauruhoe, SNVZ South Ngauruhoe, TWVZ Taurewa Hill, NGZ Ngauruhoe, KAHZ Kaharanaki, TUVZ Tukino, BHHZ Black Hill Sta, MOVZ Moawhango, WNVZ Waihanui, PKVZ Pokaka, PNHZ Pukenui, PHVZ Waipukurau, PRSZ Porangahau, PHVZ Takapanui Road, WAZ Wanganui, ANWZ Angora Road, KHEZ Kahui Hut, KHEZ Kahui Hut, PRWZ Poru Road, BFZ Birch Farm.

Code Station Name Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SANI Sanana, NLAI Namlea, NNTI Ternate, KRSI Kiriwina, LUWI Luwuk, APSI Ampama, MRSI Marisa, SIJI Sorong, SIJI Sorong, FAKI Fak Fak, MPSI Mapaga, SPSI Sidrap, KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, PETK Petropavlovsk, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kuramboro Arr, BVAR Borovoye Arr, AKTO Aktyubinsk, BELG Belogomoye, ILAR Eielson Array, TORD Torodi Ar. Bea.

IDC 14 06:15:03.3;3.2,10°83'S;161°95'E, h0km, mb3.5/4, mbtmp3.5/4, MS3.7/2, Error ellipse: s-maj=67.5km s-min=40.9km az=106.0, Bougainville-Solomon Islands region

Code Station Name Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SANI Sanana, NLAI Namlea, NNTI Ternate, KRSI Kiriwina, LUWI Luwuk, APSI Ampama, MRSI Marisa, SIJI Sorong, SIJI Sorong, FAKI Fak Fak, MPSI Mapaga, SPSI Sidrap, KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, PETK Petropavlovsk, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kuramboro Arr, BVAR Borovoye Arr, AKTO Aktyubinsk, BELG Belogomoye, ILAR Eielson Array, TORD Torodi Ar. Bea.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, HNR Honiara, MSFV Nonsavu, MSFV Nonsavu, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, MKAR Makanchi Array.

Code Station Name Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SANI Sanana, NLAI Namlea, NNTI Ternate, KRSI Kiriwina, LUWI Luwuk, APSI Ampama, MRSI Marisa, SIJI Sorong, SIJI Sorong, FAKI Fak Fak, MPSI Mapaga, SPSI Sidrap, KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, PETK Petropavlovsk, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kuramboro Arr, BVAR Borovoye Arr, AKTO Aktyubinsk, BELG Belogomoye, ILAR Eielson Array, TORD Torodi Ar. Bea.

IDC 14 06:29:19.0;1.3,21°27'N;144°39'E, h0km, mb3.7/6, mbtmp3.7/6, MS3.2/2, Error ellipse: s-maj=63.4km s-min=21.6km az=91.0

Code Station Name Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SANI Sanana, NLAI Namlea, NNTI Ternate, KRSI Kiriwina, LUWI Luwuk, APSI Ampama, MRSI Marisa, SIJI Sorong, SIJI Sorong, FAKI Fak Fak, MPSI Mapaga, SPSI Sidrap, KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, PETK Petropavlovsk, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kuramboro Arr, BVAR Borovoye Arr, AKTO Aktyubinsk, BELG Belogomoye, ILAR Eielson Array, TORD Torodi Ar. Bea.

ISC 14 06:29:24.1;1.3,21°21'N;144°4E;0.4, h35km, n14, e075/6, mb3.8/6, Mariana Islands region

Code Station Name Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SANI Sanana, NLAI Namlea, NNTI Ternate, KRSI Kiriwina, LUWI Luwuk, APSI Ampama, MRSI Marisa, SIJI Sorong, SIJI Sorong, FAKI Fak Fak, MPSI Mapaga, SPSI Sidrap, KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, PETK Petropavlovsk, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kuramboro Arr, BVAR Borovoye Arr, AKTO Aktyubinsk, BELG Belogomoye, ILAR Eielson Array, TORD Torodi Ar. Bea.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, KLR Kul'dur.

Code Station Name Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SANI Sanana, NLAI Namlea, NNTI Ternate, KRSI Kiriwina, LUWI Luwuk, APSI Ampama, MRSI Marisa, SIJI Sorong, SIJI Sorong, FAKI Fak Fak, MPSI Mapaga, SPSI Sidrap, KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, PETK Petropavlovsk, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kuramboro Arr, BVAR Borovoye Arr, AKTO Aktyubinsk, BELG Belogomoye, ILAR Eielson Array, TORD Torodi Ar. Bea.

IDC 14 07:31:56.2;0.3,42°S;2°17'3E', h6km, mb3.3/2, ML3.6/13, MLv3.3/2, Error ellipse: s-maj=0.0km s-min=0.0km az=128.6, confirmed, South Island

Code Station Name Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SANI Sanana, NLAI Namlea, NNTI Ternate, KRSI Kiriwina, LUWI Luwuk, APSI Ampama, MRSI Marisa, SIJI Sorong, SIJI Sorong, FAKI Fak Fak, MPSI Mapaga, SPSI Sidrap, KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, PETK Petropavlovsk, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kuramboro Arr, BVAR Borovoye Arr, AKTO Aktyubinsk, BELG Belogomoye, ILAR Eielson Array, TORD Torodi Ar. Bea.

Table with columns: MGZ, McQueen's Vall, 1.50 203, P, Pn, 07 32 20.2, -3.4, etc.

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

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

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

REN 14 07:44:24.9i.3.0, 37.63N, 104.118, 94W, 0.03, h8km, 2km, Error ellipse: s-maj=5.3km s-min=3.5km az=190.0, etc.

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

Table with columns: OMMB, comp=N, 120um, 0.4s, IAML, 07 44 28.6, etc.

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

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

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

WCSM Coso Springs S, 1.84 149, P, 07 44 59.2, -0.8, etc.

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

Table with columns: PEAR, Castle Mountain, 2.03 214, Pn, 07 45 01.4, +0.1, etc.

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

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

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

WCSM Coso Springs S, 1.84 149, P, 07 44 59.2, -0.8, etc.

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

14d 8h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Goldstone, Osito Audit, Pahroc Range, etc.

IDC 14 07:50:06.3:1.0, 21.19N:143.08E, h0km, mb3.6/7, mbtmp3.6/7, MS4.0/1, Error ellipse: s-maj=42.7km s-min=21.2km az=95.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Korea Array, Davao City, WAKE ISLAND Hy, etc.

IDC 14 07:52:02.5:1.0, 51.57N:176.74E, h0km, mb3.5/9, mbtmp3.6/11, ML3.2/2, Error ellipse: s-maj=30.1km s-min=17.2km az=165.0

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NEIC 14 07:52:04.4:1.3, 51.1N:0.2:176.3E:0.1, h46km, 22km, mb4.2/36, ML3.7(AEIC), Error ellipse: s-maj=26.9km s-min=5.6km az=197.0

AEIC 14 07:52:08.3:2.4, 51.6N:0.2:176.7E:0.1, h22km, 9km, Error ellipse: s-maj=33.6km s-min=8.6km az=195.0

ISC 14 07:52:07.2:0.9, 51.5N:0.1:176.54E:0.05, h31km, n57, c1414/52, mb4.1/20, Rat Islands

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AMKA, SHEL, SHEL, SHEL, etc.

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

BUI 14 08:14:28.3:0.0, 38.50N:90.20E, h5km, mb4.8/5.4, mB5.0/32, ML5.5/15, MS4.8/67, Ms7.4/5/65
IDC 14 08:14:28.7:0.5, 38.51N:90.21E, h0km, mb4.7/31, mbtmp4.7/38, ML4.2/6, MS4.0/62, Error ellipse: s-maj=13.8km s-min=8.5km az=39.0

14d 8h

Table with columns for call sign, frequency, power, mode, and other parameters. Includes entries like GULI, PHRA, HYBB, AB31, ABKAR, etc.

2016 DEC

Table with columns for call sign, frequency, power, mode, and other parameters. Includes entries like MAK, BELG, BELG, AKT, KIRV, etc.

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Table with columns for call sign, frequency, power, mode, and other parameters. Includes entries like FINES, DAV, ARAD, ARCES, etc.

F22K	baz=309 John River	64.36	22	P	P	08 25 06.7 +0.8
TOLK	Toolik Lake Re comp=Z,5nm,0.8s	64.36	21	Iamb	Iamb	08 25 07.4
TOLK	Toolik Lake Re baz=311	64.36	21	P	P	08 25 06.0 +0.1
TULEG	Thule	64.39	355	P	P	08 25 04.5 -1.4
TULEG	comp=Z,8.3nm,0.7s					08 25 05.7
TULEG	Thule	64.39	355	i P	P	08 25 03.3 -0.5
GCSA	Galena City Sc baz=307,SNR=15	64.58	26	P	P	08 25 08.7 +1.5
G21K	Atkakket baz=309	64.59	23	P	P	08 25 07.7 +0.4
C26K	Camden Bay baz=315	64.70	18	P	P	08 25 08.4 +0.4
E23K	Chandalar baz=312	64.74	21	P	P	08 25 08.9 +0.5
D25K	Kavir River baz=314	64.75	19	P	P	08 25 08.8 +0.5
KNRA	Kununurra	64.99	138	P	P	08 25 09.8 -0.7
KNRA	comp=Z,15nm,0.8s					08 25 10.9
E24K	Your Creek baz=312	65.04	21	P	P	08 25 10.4 +0.1
COLD	Coldfoot baz=311	65.12	22	P	P	08 25 11.3 +0.5
C27K	Jago River baz=316	65.20	18	P	P	08 25 11.8 +0.5
H21K	Melozitna Rive baz=310	65.36	24	P	P	08 25 12.7 +0.4
G23K	Bananza Creek baz=312	65.52	22	P	P	08 25 14.0 +0.6
F24K	Squaw Lake baz=313	65.59	21	P	P	08 25 14.1 +0.2
MBWA	Marble Bar	65.60	150	P	P	08 25 13.4 -0.9
H22K	Ishtalitna Cre baz=311	65.65	23	P	P	08 25 15.2 +0.9
E25K	Arctic Village baz=315	65.81	20	P	P	08 25 15.1 -0.1
J20K	Nowinta River baz=309	65.86	26	P	P	08 25 16.9 +1.3
I21K	Tanana comp=Z,16nm,1.0s	65.93	24	Iamb	Iamb	08 25 18.4
I21K	Tanana baz=311	65.93	24	P	P	08 25 17.0 +1.0
TTA	Tatalina baz=308	66.00	27	P	P	08 25 17.0 +0.4
PSA00	Pilbara Seismi	66.02	150	P	P	08 25 15.8 -1.3
PSA00	comp=Z,19nm,1.0s					08 25 20.7
F25K	Christian River baz=315	66.16	20	P	P	08 25 18.3 +0.8
H23K	Yukon River baz=312	66.26	23	P	P	08 25 19.1 +0.9
G24K	Hadweenic Riv baz=314	66.27	22	P	P	08 25 18.8 +0.6
K20K	Telida baz=310,SNR=11	66.41	26	P	P	08 25 19.6 +0.5
MLY	Manley baz=312,SNR=23	66.42	24	P	P	08 25 20.2 +1.0
ICESG	Greenland Ices N16K	66.45	342	i P	P	08 25 18.7 -1.0
N16K	Nishlik Lake baz=307	66.47	30	P	P	08 25 20.4 +0.8
F26K	Sheenjek River baz=316	66.49	20	P	P	08 25 19.9 +0.3
G25K	Bearman Lake baz=315	66.62	21	P	P	08 25 21.6 +1.2
CHUM	Lake Minchumin baz=311,SNR=6.4	66.67	25	P	P	08 25 22.6 +1.9
H24K	Noodor Dome comp=Z,8.5nm,0.9s	66.75	22	Iamb	Iamb	08 25 23.5
H24K	Noodor Dome baz=314	66.75	22	P	P	08 25 22.6 +1.2
I23K	Minto, Yukon-K baz=313,SNR=13	66.78	23	P	P	08 25 22.6 +1.2
E27K	Coleen River baz=318	66.78	19	P	P	08 25 21.9 +0.4
MBAR	Mbarara	66.85	249	LR	LR	08 56 07.7
MBAR	comp=Z,64nm,19.6s,baz=14,slow=37					08 25 23.0 +0.2
MBAR	66.85	249	i P	P	P	
L19K	White Mountain baz=310	66.89	28	P	P	08 25 23.1 +0.9
BPAW	Bear Paw Mtn. baz=312,SNR=16	66.97	25	P	P	08 25 23.4 +0.7
A36M	Sachs Harbour baz=330	66.98	11	P	P	08 25 22.9 +0.3
RES	Resolute Bay comp=Z,84nm,19.2s,baz=14,slow=37	67.05	27	P	P	08 55 41.5
L20K	Farwell, AK baz=310	67.05	27	P	P	08 25 24.9 +1.7
CAST	Castle Rocks	67.05	26	P	P	08 25 24.1 +0.8
CAST	comp=Z,18nm,0.9s					08 25 25.6
CAST	Castle Rocks baz=311,SNR=12	67.05	26	P	P	08 25 24.5 +1.2
G26K	Porcupine Rive baz=310	67.12	20	P	P	08 25 23.8 +0.2
M19K	Big River Lodg baz=310	67.23	28	P	P	08 25 25.2 +0.8
NEA2	Nenana baz=313,SNR=28	67.25	24	P	P	08 25 24.9 +0.5
O16K	Kokwok River B baz=308	67.27	31	P	P	08 25 24.3 -0.4
PPLA	Purkeypile baz=311,SNR=16	67.36	26	P	P	08 25 26.0 +0.6
POKR	Poker Flat Res baz=314,SNR=12	67.39	23	P	P	08 25 26.5 +1.1
TCOL	CIGO, UAF Yang baz=314,SNR=14	67.43	23	P	P	08 25 26.2 +0.6
COLA	College baz=314	67.43	23	P	P	08 25 25.8 +0.2
COLA	College baz=314	67.43	23	P	P	08 25 26.1 +0.5
COLA	College comp=Z,31nm,0.9s	67.43	23	i P	P	08 25 25.9 +0.3
O17K	Koliganek Bris baz=309	67.56	30	P	P	08 25 27.3 +0.9
CCB	Clear Creek Bu comp=Z,19nm,1.0s	67.61	23	Iamb	Iamb	08 25 28.0
TRF	Thorofore Moun comp=Z,23nm,1.4s	67.63	25	Iamb	Iamb	08 26 02.9
TRF	Thorofore Moun baz=313	67.63	25	P	P	08 25 28.1 +0.9
WRH	Wood River Hill comp=Z,11nm,1.0s	67.64	23	Iamb	Iamb	08 25 31.1
P16K	Nushagak River baz=308	67.66	31	P	P	08 25 28.0 +0.9
PRP	Porcupine Dome	67.67	22	P	P	08 25 28.4 +1.1
PRP	comp=Z,8.5nm,0.8s					08 25 29.4
PRP	Porcupine Dome baz=316,SNR=10	67.67	22	P	P	08 25 28.4 +1.1
M20K	Styx River baz=311	67.70	27	P	P	08 25 28.3 +0.8
G27K	Doyon Strip baz=318	67.80	20	P	P	08 25 28.6 +0.7
IL31	Eielson Array comp=Z,14nm,0.9s,baz=310,slow=5.1,SNR=95	67.80	23	P	P	08 25 27.4 -0.4
ILAR	67.80	23	P	P	P	08 25 27.8 -0.1
MCK	McKinley	67.88	24	P	P	08 25 29.4 +0.9
MCK	comp=Z,12nm,0.9s					08 25 31.9
MCK	McKinley baz=314,SNR=7.3	67.88	24	P	P	08 25 29.3 +0.8
MCK	McKinley	67.88	24	P	P	08 25 29.4 +0.9
MCK	comp=Z,12nm,0.9s					08 25 31.9
HDA	Harding Lake comp=Z,12nm,0.9s	68.04	23	Iamb	Iamb	08 25 30.0
HDA	Harding Lake baz=315,SNR=6.2	68.04	23	P	P	08 25 29.7 +0.2
SKT	Skwentna baz=312,SNR=28	68.20	27	P	P	08 25 31.2 +0.7
O18K	Koktuh Hills baz=310	68.25	30	P	P	08 25 31.6 +0.8
H27K	Steamboat Moun baz=319	68.27	20	P	P	08 25 31.2 +0.3
CUT	Chulitna baz=317	68.35	26	P	P	08 25 31.2 -0.2
O19K	Port Aisworth baz=311	68.37	29	P	P	08 25 32.1 +0.6
J25K	Salcha River, comp=Z,7.4nm,0.9s	68.37	22	Iamb	Iamb	08 25 32.1
J25K	Salcha River, baz=316	68.37	22	P	P	08 25 31.3 -0.3
Q16K	King Salmon baz=309	68.43	31	P	P	08 25 32.3 +0.4
N20K	Mount Spurr baz=312	68.48	27	P	P	08 25 33.3 +0.9
P18K	Big Mountain, baz=310	68.54	30	P	P	08 25 33.0 +0.3
INK	Inuvik comp=Z,84nm,18.2s,baz=324,slow=40	68.57	16	LR	LR	09 00 09.3
INK	Inuvik	68.57	16	P	P	08 25 32.5 -0.2
INK	comp=Z,10nm,0.8s					08 25 33.9
INK	Inuvik baz=324,SNR=12	68.57	16	P	P	08 25 32.5 -0.2
INK	Inuvik	68.57	16	P	P	08 25 32.5 -0.2
INK	comp=Z,11nm,0.9s					08 25 33.0 -0.3
WAT1	Susitna Watana baz=314	68.64	25	P	P	08 25 33.0 -0.3
I27K	Kandik River baz=319	68.72	20	P	P	08 25 34.1 +0.4
SUA	Susitna One baz=313,SNR=13	68.83	27	P	P	08 25 34.8 +0.2
K24K	Donnelly Dome baz=316,SNR=18	68.83	23	P	P	08 25 34.7 +0.3
DHY	Denali Highway baz=317,SNR=7.6	68.85	24	P	P	08 25 34.7 0.0
M22K	Willow baz=313	68.85	26	P	P	08 25 35.1 +0.6
ILSW	Iliamna Southw comp=Z,44nm,1.3s	68.95	29	Iamb	Iamb	08 25 37.2
J26L	Joseph Creek baz=318,SNR=24	68.99	22	P	P	08 25 35.7 +0.2
Q17K	Contact Creek baz=310	69.00	31	P	P	08 25 36.1 +0.5
G30M	Aosh Zhai Nji baz=323	69.03	18	P	P	08 25 35.8 +0.2
WAT6	Susitna Watana baz=315	69.08	25	P	P	08 25 36.2 0.0
Q18K	Katmai Hardscr baz=310	69.11	31	P	P	08 25 36.2 -0.1
P19K	Oil Pt baz=312	69.14	29	P	P	08 25 35.9 -0.5
CAPN	Captain Cook R baz=313	69.16	27	P	P	08 25 36.5 +0.1
RIDG	Independent Ri baz=317,SNR=17	69.16	23	P	P	08 25 36.2 -0.3
RIDG	Independent Ri baz=317,SNR=17	69.16	23	P	P	08 25 36.2 -0.3
F31M	Tsigheitchik baz=325,SNR=5.6	69.23	17	P	P	08 25 36.9 +0.1
SCRK	Sand Creek comp=Z,16nm,0.8s	69.25	22	Iamb	Iamb	08 25 38.4
SCRK	Sand Creek baz=317,SNR=17	69.25	22	P	P	08 25 37.6 +0.4
PMR	Palmer comp=Z,14nm,0.8s	69.30	26	P	P	08 25 37.6 +0.3
PMR	Palmer baz=314,SNR=7.3	69.30	26	P	P	08 25 38.7
PMR	Palmer	69.30	26	P	P	08 25 37.7 +0.4
PMR	comp=Z,14nm,0.8s					08 25 37.6 +0.3
ESDC	Sonsecra Array comp=Z,4.7nm,0.8s,baz=53,slow=6.1,SNR=25	69.39	305	P	P	08 25 38.9 +0.6
ESDC	comp=Z,117nm,20.1s,baz=42,slow=39					08 59 51.0
ESDC	Sonsecra Array baz=315	69.39	305	P	P	08 25 38.1 -0.2
EPYK	Eagle Plains comp=Z,14nm,0.9s	69.40	18	P	P	08 25 37.1 -0.9
EPYK	Eagle Plains baz=382,SNR=7.4	69.40	18	P	P	08 25 37.1 -0.9
SML	Sawmill baz=315,SNR=13	69.43	26	P	P	08 25 38.6 +0.4
SML	Sawmill	69.43	26	P	P	08 25 38.8 +0.6
RC01	Rabbit Creek A baz=314,SNR=18	69.44	27	P	P	08 25 38.7 +0.5
RC01	Rabbit Creek A baz=314,SNR=18	69.44	27	P	P	08 25 38.6 +0.3
DOT	Dot Lake comp=Z,8.4nm,0.8s	69.47	23	Iamb	Iamb	08 25 39.2
EGAK	Eagle comp=Z,10nm,0.8s	69.47	21	Iamb	Iamb	08 25 41.4
EGAK	Eagle baz=319,SNR=8.9	69.47	21	P	P	08 25 39.0 +0.7
C36M	Paulatuk comp=Z,15nm,0.8s	69.49	12	Iamb	Iamb	08 25 39.1
C36M	Paulatuk baz=332,SNR=12	69.49	12	P	P	08 25 38.0 -0.4
PAX	Paxson comp=Z,9.0nm,1.0s	69.53	24	P	P	08 25 45.1
PAX	Paxson baz=316	69.53	24	P	P	08 25 38.8 -0.1
M23K	Glacier View baz=315,SNR=17	69.64	25	P	P	08 25 39.8 +0.3
KNK	Knik Glacier baz=315,SNR=5.0	69.66	26	P	P	08 25 40.5 +0.9
SCM	Sheep Creek Mo baz=315,SNR=9.5	69.75	25	P	P	08 25 40.7 +0.5
I29M	Ogllivie Camp, baz=321	69.79	20	P	P	08 25 40.1 -0.3
O22K	Cooper Landing baz=314	69.87	27	P	P	08 25 41.2 +0.4
M24K	Tolsona, Glenn baz=316,SNR=5.5	69.93	25	P	P	08 25 40.6 -0.7
M24K	Tolsona, Glenn baz=317,SNR=5.4	69.93	25	P	P	08 25 40.2 +0.9
HARP	HAARP	70.05	24	P	P	08 25 43.1 +1.1
DY2G	Dye2 comp=Z,26nm,2.1s	70.06	343	i P	P	0

14d 9h

Table with columns: LIC, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Lamto, Boshof, Newport, etc.

KEA 14 08:20:33.7, 35.82N, 129.06E, h15km, ML3.4/1
JMA 14 08:20:33.1, 0.6, 36.6, N12.2, 129.9E, h10km, MV3.5/11, S
KOREAN PENINSULA REG
KMA 14 08:20:35.0, 0.2, 35.77N, 129.18E, h13km, 1km, Error
ellipse: s-maj=1.7km, s-min=1.0km, az=4.0

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

IDC 14 08:22:29.0, 1.0, 21.27N, 144.24E, h0km, mb3.8/7,
mbtmp3.8/7, MS3.5/3, Error ellipse: s-maj=48.3km
s-min=21.1km, az=95.0

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

IDC 14 08:26:05.8, 2.0, 21.45N, 144.71E, h0km, mb3.4/4,
mbtmp3.4/4, Error ellipse: s-maj=257.5km

2016 DEC

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

TAP 14 08:30:15.6, 22.83N, 121.96E, h38km, 1km, ML3.3, D
JMA 14 08:30:15.4, 0.4, 23.1, N12.2, 122.0E, 0.9, h45km, TAIWAN
REGION
ISC 14 08:30:14.4, 1.1, 22.84N, 121.98E, 0.03, h33km, 7km,
n41, c0571/74, Taiwan region

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

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IDC 14 08:48:16.9, 1.4, 16.43N, 100.69W, h0km, mb3.8/7,
mbtmp3.7/9, ML2.7/1, MS3.4/7, Error ellipse: s-maj=39.9km
s-min=22.6km, az=52.0

MEX 14 08:48:19.8, 0.7, 16.53N, 100.89W, h18km, 26km, MD4.5
ISC 14 08:48:16.1, 1.6, 16.46N, 100.86W, h6km, 10km,
n57, c277/90, mb3.7/7, MS3.7/7, Near coast of Guerrero

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

IDC 14 09:07:49.0, 0.8, 54.93S, 31.29W, h0km, mb4.0/7,
mbtmp4.0/7, MS3.5/10, Error ellipse: s-maj=33.6km
s-min=19.0km, az=63.0

NEIC 14 09:07:51.2, 0.55, 1S, 0.1, 31.6W, 0.2, 1.0km, 1km,
mb4.6/22, Error ellipse: s-maj=23.2km, s-min=15.3km,
az=33.0

ISC 14 09:07:51.0, 1.0, 6.5439S, 0.10, 31.6W, 0.1, h10km, n52,
c1512/39, mb4.5/14, MS3.5/9, South Georgia Island

14d 9h

Table of station data for the first 14 days of December, including station names, coordinates, and various parameters.

2016 DEC

Table of station data for the 20th day of December, including station names, coordinates, and various parameters.

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Table of station data for the 26th day of December, including station names, coordinates, and various parameters.

NEIC 14 09:20:39.51, 17.47N:0.09-94.81W:0.07, h148km, 11km, mb3.4, M04.279(MEX), Error ellipse: s-maj=13.3km s-min=8.9km az=193.0 MEX 14 09:20:41.1, 17.59N:94.80W, h140km, 4km, M04.3 ISC 14 09:20:39.4, 17.52N:0.03-94.84W:0.03, h146km, 6km, n95, c168/135, Chiapas

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists station data for the 26th day of December.

14C 14 09:16:15.6, 1.2, 21.52N:144.10E, h0km, mb3.7/6, mbmp3.7/6, MS2.9/3, Error ellipse: s-maj=43.1km s-min=26.9km az=103.0 ISC 14 09:16:20.5, 1.2, 21.53N:144.10E:0.3, h33km, 116, c0547/6, mb3.8, MS2.9/3, Mariana Islands region

Table with columns: TEIG, 833A, ORTG, TX3Z, TXAR, TX31, 344A, 346A, Z38A, CLNB, HTMS, GDZL, MIAR, B37A, BCOK, etc. Includes station names, coordinates, and status.

NEIC 14 09:40:51.8.3.4, 15.46N, 0.07.92.30W, 0.06, h191km, 6km, mb4.0/7, Md4.3/52(MEX), Error ellipse: s-maj=11.1km s-min=7.9km az=213.0

MEX 14 09:40:52.6.0.7, 15.56N, 92.18W, h182km, 6km, MD4.3 CGC 14 09:40:53.2.0.3, 15.68N, 92.10W, h160km, 22km, MD4.1

ISC 14 09:40:51.2.0.9, 15.49N, 0.05.92.33W, 0.04, h185km, 6km, n68, c219/109, Mexico-Guatemala border region

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations like PAVE, PATR, CHUJ, etc.

Table with columns: GOGA, LCAR, WWT, U49A, etc. Includes station names, coordinates, and status.

IDC 14 09:41:49.8.1.2, 15.99S, 174.70W, h469km, 292km, mb3.4/4, mbtmp4.2/5, Error ellipse: s-maj=378.8km s-min=42.5km az=68.0

NOU 14 09:42:49.3, 13.15S, 171.80W, h12km, MLv2.5/4, Samoa Islands

ISC 14 09:41:50.0.1.0, 16.1S, 0.03.174.9W, 0.2, h450km, n6, c082/7, mb3.9/4, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like AFI, AFI, URZ, STKA, WRA, ASAR.

IDC 14 09:46:05.2.46.0, 17.21S, 178.37W, h595km, 65km, mb3.3/3, mbtmp4.3/4, Error ellipse: s-maj=862.8km s-min=115.9km az=79.0, Fiji Islands region

KRNET 14 10:15:46.6.0.1, 39.51N, 73.61E, mb3.4 ISU 14 10:15:48.39.52N, 73.49E, h9km

SOME 14 10:15:49.3, 39.63N, 73.45E, h9km NNC 14 10:15:51.6.0.9, 39.66N, 73.42E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=6.9km s-min=3.5km az=173.0

ISC 14 10:15:48.1.1.1, 39.57N, 0.05.73.57E, 0.03, h10km, n43, c183/75, 18C-12D, Tajikistan-Xinjiang border region

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations like MSVF, STKA, WRA, ASAR, OHH, etc.

Table with columns: DGS, DGS, DGS, DGS, MTBS, MTBS, MTBS, KK31, KK31, KKAR, TTNS, TTNS, TTNS, TTNS, MDOK, MDOK, MDOK, KOTS, KOTS, KOTS, KTBS, KTBS, KTBS, KUU, KUU, KUU, SATY, SATY, SATY, PDGK, PDGK, etc. Includes station names, coordinates, and status.

GUC 14 10:17:48.6.0.7, 30.70S, 71.35W, h51km, 2km, ML3.9 IDC 14 10:17:50.8.1.9, 31.07S, 71.51W, h79km, 23km, mb3.4/3, mbtmp3.8/5, MS2.6/2, Error ellipse: s-maj=46.4km s-min=13.6km az=180.0

ISC 14 10:17:48.6.0.9, 30.88S, 0.03.71.44W, 0.05, h47km, 7km, n89, c1904/47, mb3.5/3, 2C-5D, Near coast of central Chile

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations like CO06, CO06, CO06, CO02, CO02, CO03, CO03, CO03, GO04, GO04, GO04, CO05, CO05, CO05, CO01, CO01, CO01, LCO, VA06, VA06, VA06, AC05, AC05, AC05, VA03, VA03, VA03, ROCH, ROCH, ROCH, AC04, AC04, PEL, PEL, PEL, MT02, MT05, MT05, FCH, FCH, FCH, CFA, CFA, CFA, MT03, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for FINES, BRTR, I31KZ, ARCES, YKA.

IDC 14 11:07:50.1±1.2, 21.17N:144.21E, h0km, mb3.7/7, mbtmp3.7/7, MS3.1/1, Error ellipse: s-maj=53.3km s-min=21.2km az=87.0

IDC 14 11:07:54.5±1.3, 21.12N:02.144.2E:0.4, h30km, n14, a=1502.7, mb3.7/7, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for H11N1, H11N2, H11S3, H11S1, H11N3, H11S2, SIJI, KLR, WRA, ASAR, MKAR, KURB, YKA, FINES.

IDC 14 11:18:02.6±1.9, 6.75S:128.62E, h0km, mb3.8/1, mbtmp3.5/4, ML3.6/3, Error ellipse: s-maj=66.9km s-min=30.0km az=79.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for SIJI, WRA, ASAR, MKAR.

IDC 14 11:19:14.2:384.0, 67.48N:39.38E, h0km, Error ellipse: s-maj=154.5km s-min=142.2km az=89.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for I37NO, I31KZ, I46RU.

IDC 14 11:22:16.6±1.5, 29.13S:61.10E, h0km, mb3.5/3, mbtmp3.7/4, ML4.2/1, MS3.4/2, Error ellipse: s-maj=53.9km s-min=38.0km az=35.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for OPO, H08S1, H08S2, H08S3, ATD, H01W2, H01W3, H01W1, GSPA, ASAR, WRA, TORD, YKA.

IDC 14 11:23:56.9±2.2, 21.39N:144.45E, h0km, mb3.5/4, mbtmp3.5/4, MS2.7/2, Error ellipse: s-maj=217.9km s-min=31.6km az=108.0, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for H11N1, H11N2, H11N3, H11S1, H11S2, KSRs, PETK, WRA, ASAR.

Table with columns: STKA, YKA. Includes entries for Stephens Creek, Yellowknife Arr.

IDC 14 11:29:34.6±6.9, 29.93S:80.87E, h0km, mb3.2/2, mbtmp3.5/3, ML3.9/1, Error ellipse: s-maj=455.2km s-min=38.0km az=31.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for OPO, H08S1, H08S2, H08S3, H01W2, H01W3, H01W1, ASAR, WRA, YKA.

IDC 14 11:36:43.3±3.1, 10.40S:161.25E, h0km, mb3.6/4, mbtmp3.6/4, MS2.8/3, Error ellipse: s-maj=104.8km s-min=33.1km az=130.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for KRVT, CTA, WRA, ASAR, PPT, SONM, ILAR.

IDC 14 11:41:20.0±1.3, 21.28N:144.51E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=89.4km s-min=24.6km az=97.0, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for H11N1, H11N2, H11S3, H11N3, H11S1, H11S2, KLR, WRA, ASAR, YKA.

IDC 14 11:55:31.2±0.8, 21.01N:144.06E, h0km, mb3.8/12, mbtmp3.8/13, ML2.9/1, Error ellipse: s-maj=29.5km s-min=17.9km az=90.0

IDC 14 11:55:35.9±0.8, 21.01N:01.144.0E:0.2, h30km, n20, a=083/14, mb3.7/12, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for MJAR, KSRs, H11S3, H11N1, H11N2, H11S1, H11S2, H11N3, KLR, SONM, WRA, ASAR, MKAR, ILAR, INK, YKA, NVAR, KBZ, FINES, PLCA.

IDC 14 11:56:33.7±0.9, 21.01N:144.12E, h0km, mb3.8/7, mbtmp3.8/8, ML2.9/1, MS3.2/4, Error ellipse: s-maj=42.8km s-min=20.2km az=96.0

IDC 14 11:56:38.3±0.9, 21.11N:01.144.0E:0.2, h30km, n19, a=1506.9, mb3.8/7, MS3.4/3, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for MJAR, KSRs, H11S3, H11N1, H11N2, H11S1, H11S2, KLR, SONM, WRA, ASAR, MKAR, ILAR, INK, YKA, NVAR, KBZ, FINES, PLCA.

Table with columns: GUMO, MJAR, JNU. Includes entries for Guam, Matsushiro Arr, Nakatsue.

IDC 14 11:58:14.3±0.7, 21.30N:144.29E, h0km, mb4.1/15, mbtmp4.1/15, Error ellipse: s-maj=23.5km s-min=17.0km az=83.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for H11N1, H11N2, H11S3, H11N3, H11S1, H11S2, KLR, HNR, BATI, SONM, WRA, ASAR, ILAR, YKA, NVAR, PLCA.

IDC 14 11:58:20.2±2.0, 21.24N:144.27E, h35km, Error ellipse: s-maj=12.2km s-min=6.6km az=90.0

NEIC 14 11:58:35.9±1.4, 21.34N:0.944E:0.0, 2, h179km, n11km, mb4.1/13, Error ellipse: s-maj=26.3km s-min=9.9km az=70.0

IDC 14 11:58:32.7±0.6, 21.43N:0.09144E:0.0, 1, h150km, n42, a=1815/35, mb4.0/23, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for GUMO, MJAR, KSRs, SSSL, H11N1, H11N2, H11N3, H11S3, H11S1, H11S2, KLR, KNRA, SONM, WRA, WB0, WRO, WRAB, WRB, WB2, WRA, FITZ, AS31, ASAR, ZALV, MK31, MKAC, MKAR, MKAR, KURK, K20K, ILAR, BVAR, INK, NVAR, PDAR, HFS, TXAR, PLCA, LPAZ.

IDC 14 11:58:39.4±1.0, 35.51N:120.67W, h0km, mb3.8/6, mbtmp3.6/13, ML3.6/7, MS3.1/7, Error ellipse: s-maj=18.0km s-min=11.1km az=56.0

NEIC 14 11:58:39.9±1.6, 35.53N:0.010:120.81W:0.01,

h15km,2km, Error ellipse: s-maj=1.5km s-min=1.4km az=172.0
NEIC 14 11:58:39.8,35.56N,120.81W,h8km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr0.29; Mw=1.06; Mo=0.77; Mo0.12; Mo0.40; Mo0.18; Fault plane solution: Mo1.05000x10^15 NP1.3p=325.78000, d75.35000, l169.48000. NP2.3p=58.47000, d79.83000, l14.89000. Principal axes: T 0.9135, P1g18.0000, Azm283.0000; N 0.2344, P1g72.0000, Azm92.0000; P -1.1480, P1g3.0000, Azm192.0000.

NCEDC 14 1:56:39.8,2.4,35.56N,120.81W,0.1008,120.805W,0.010, h5km,Mr0.29,Ms0.84(NEIC) Error ellipse: s-maj=1.2km s-min=1.1km az=53.0 ANF 14 11:58:40.4,1.0,35.56N,120.79W,h14km,4km,MLL4.1/41, Error ellipse: s-maj=7.7km s-min=4.2km az=98.0 ISC 14 11:58:40.5,0.7,35.55N,120.81W,0.02,h14km,4km, n293,r127/294,m3.9/7,MS3.1/3,Central California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various seismic stations including BLDC, RAMR, ARDC, etc.

Table with columns: MHC, JBNB, OSJ, etc. Lists seismic events with columns: Name, Time, Az, Phase ID, Time, Res. Includes events like Ben Lomond Mou, Saratoga Golf, etc.

Table with columns: RYN, RYN, RYN, etc. Lists seismic events with columns: Name, Time, Az, Phase ID, Time, Res. Includes events like Ryan, Wildcat Mount, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CMIG Matias Romero, ILAR Eielson Array, INK Inuvik, etc.

IDC 14 12:06:32.9-1.1, 21.43N, 144.24E, h0km, mb3.6/7, mbtmp3.6/7, MS3.5/1, Error ellipse: s-maj=41.4km s-min=21.9km az=87.0

ISC 14 12:06:37.9-1.1, 21.41N, 0.2x144.2E, 0.3, h33km, n14, 0f070/7, mb3.5/7, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JHJ Hachiojima 2, H11N1 WAKE ISLAND Hy 21.29, etc.

SOME 14 12:13:40.6, 44.07N, 82.28E, h15km NNC 14 12:13:41.5, 1.1, 44.11N, 82.17E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=11.4km s-min=4.4km az=134.0

ISC 14 12:13:39.7-1.4, 43.98N, 0.07, 82.29E, 0.07, h10km, n37, 0196/59, 6C-4D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like DJR Jarkent, DJR Jarkent, PDGK Podgornoye, etc.

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

IDC 14 12:28:13.0-1.8, 3.88S, 144.60E, h0km, mb3.8/4, mbtmp3.9/6, ML4.1/1, MS3.0/5, Error ellipse: s-maj=49.9km s-min=21.9km az=77.0

ISC 14 12:28:18.1-1.4, 3.95S, 0.1x144.6E, 0.2, h35km, n9, 0192/27, mb3.8/4, Near north coast of New Guinea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like PMG Port Moresby, WTA Charters Tower, WRA Warramunga Arr, etc.

HVO 14 12:30:29.3-0.7, 19.31N, 0.01x155.22W, 0.01, h8km, 2km, ML2.7/40, ML2.7/46(NEIC), Error ellipse: s-maj=2.6km s-min=1.1km az=138.0

NEIC 14 12:30:26.7-1.9, 19.19N, 0.03x155.19W, 0.02, h25km, 2km, Error ellipse: s-maj=4.9km s-min=2.2km az=144.0, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like HLP Hilina Pali, HLP Pauahi, KNHH Kane Nui o Ham, etc.

Table with columns: SDHHI, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like SDHHI Sand Hill, SDHHI Sand Hill, SDHHI Sand Hill, etc.

IDC 14 12:41:23.0-1.2, 0.510S, 129.42E, h170km, 126km, mb3.3/1, mbtmp4.5/4, Error ellipse: s-maj=130.6km s-min=27.8km az=50.0

DJA 14 12:41:30.4, 0.2, 5.2, 12.9E, h263km, 4km, M4, B/13, mb4.1/13, mb4.8/1, mbc6.0/2, MLv4.4/13, Mw(mb)4.0/1, MwmbC5.2/2

NEIC 14 12:41:30.4, 2.4, 5.36S, 0.10x128.9E, 0.1, h262km, 24km, mb4.2/8, Error ellipse: s-maj=20.7km s-min=13.2km az=110.0

ISC 14 12:41:30.3-0.7, 5.46S, 0.06x129.0E, 0.06, h250km, n44, 01976/43, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like BNDI Bandanaira, NLAI Namlea, SAUI Saumlaki, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND HY 22.63, WARRAMUNGA ARR 32.74, and SONGINGO ARRAY 48.20.

WEL 14 13:15:45.2±0.3, 42°52'x17°4E±1, h5km±2km, M3.4/32, ML3.6/18, MLV3.4/32, Error ellipse: s-maj=0.0km, s-min=0.0km az=178.6, confirmed, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Blackbirch Sta, Tuamarina, Cape Campbell, Nelson, Tophouse, and many others.

IDC 14 13:17:48.3±1.9, 10°58'S, 161°53'E, h0km, mb3.6/4, mbtm3.5/4, MS3.1/2, Error ellipse: s-maj=35.7km, s-min=33.8km az=78.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Honiara, Nonsavu, Afiamalu, Warramunga Arr, and Yellowknife Ar.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHIANG MAI ARR, MAKANCHI ARRAY, and WARRAMUNGA ARR.

IDC 14 13:19:51.7±2.2, 16°63'N, 95°89'E, h0km, mb3.3/2, mbtm3.1/3, ML3.1/1, Error ellipse: s-maj=37.4km, s-min=27.8km az=62.0, Near south coast of Myanmar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, MAKANCHI ARRAY, and ELIELSON ARRAY.

IDC 14 13:36:52.4±0.8, 31°63'S, 176°18'W, h0km, mb4.3/6, mbtm4.3/8, ML4.2/2, MS3.3/8, Error ellipse: s-maj=25.6km, s-min=22.6km az=16.0

NEIC 14 13:45:24.1±8.3, 1°67'S, 0°06:176°4W±0.1, h10km, 1km, mb4.5/16, Error ellipse: s-maj=19.0km s-min=8.7km az=69.0

ISC 14 13:46:53.9±0.7, 31°77'S, 0°06:176°34'W±0.1, h10km, n75, n134.0/0, mb4.4/12, MS3.4/4, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAOU ILAND, WATAKAOA POINT, WANGI WANGI, and many others.

IDC 14 13:47:48.3±1.9, 10°58'S, 161°53'E, h0km, mb3.6/4, mbtm3.5/4, MS3.1/2, Error ellipse: s-maj=35.7km, s-min=33.8km az=78.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Honiara, Nonsavu, Afiamalu, Warramunga Arr, and Yellowknife Ar.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WARRAMUNGA ARR, KUNURRA, FITZ FITZ, and CASY CASY.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOUTH POLE QUAY, SOUTH POLE QUAY, SOUTH POLE QUAY, and many others.

ROM 14 13:40:32.8±0.0, 43°01'8N, 0°00:13°07'0E±0.001, h9km, ML3.7/69, Error ellipse: s-maj=0.1km s-min=0.0km az=70.0

LDG 14 13:40:32.4±0.1, 43°00'N, 13°10'E, h10km, M3.4/14, Error ellipse: s-maj=2.6km s-min=1.8km az=52.0

IDC 14 13:40:34.3±1.3, 43°14'N, 13°21'E, h0km, mb3.4/2, mbtm3.7/7, ML3.5/5, MS3.4/2, Error ellipse: s-maj=27.8km s-min=14.1km az=91.0

PRU 14 13:40:35.5±0.0, 43°07'N, 13°39'E, h10km, n241, n184/318, 49C-12D, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FIORDIMONTE, MONTE FEMMA, MUCCIA, FRAZIO, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SF11, RSM, PTOR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DAVOX, SQT, HAPS, WATA, etc.

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like EHY Hungye, LONT Longtian, ELDTW Lidau, etc.

Table with columns: SKR, MLR, MLR. Includes stations like YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, etc.

Table with columns: KRSR, P, P, 13 47 52.5 +1.3. Includes stations like KRSR Korea Array, KRSR Korea Array, KRSR Korea Array, etc.

BUI 14 13:43:06.7±0.0, 45°26'N, 154°00'E, h13km, mb4.8/52, mB5.0/29, Ms4.4/21, Ms7.4.3/22
IDC 14 13:43:06.3±0.5, 45°38'N, 154°04'E, h0km, mb4.6/28, mbmp4.5/34, ML3.9/6, MS3.6/37, Error ellipse: s-maj=15.2km s-min=11.5km az=161.0

JANG Nango 10.40 246 eP Pn 13 45 33.7 -3.4
JTH Tanohata 10.43 243 eS Sn 13 47 20.9 -12
JTB Tenabayashi 10.48 249 Pn Sn 13 45 36.2 -2.0

H11N2 WAKE ISLAND Hy 27.70 153 T T 14 17 53.1
H11N1 WAKE ISLAND Hy 27.72 153 T T 14 17 50.9
H11N3 WAKE ISLAND Hy 27.72 153 T T 14 17 52.6

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

Table with columns: SKR, MLR, MLR. Includes stations like MA2 Magadan, MA2 Magadan, MA2 Magadan, etc.

Table with columns: KRSR, P, P, 13 47 52.5 +1.3. Includes stations like P18K Big Mountain, O18K Kottuh Hills, Q18K Katmai Hardscr, etc.

14d 15h

Table listing astronomical objects with columns for name, magnitude, position, and other details. Includes objects like DUWZ D'Urville Isla, PAWZ Parawai Farm, and many others.

14d 14:54:37.8-1.0, 13.06N:50.94E, h0km, mb3.8/12, mbtmp3.9/13, ML4.3/1, MS3.6/25, Error ellipse: s-maj=26.3km s-min=19.5km az=176.0

NEIC 14:54:41.4-1.4, 13.2N:0.2-50.86E:0.08, h10km, 2km, mb4.3/14, Error ellipse: s-maj=31.7km s-min=4.8km az=167.0

OMAN 14:54:42.4-1.5, 13.85N:50.75E, h10km, mb4.8/1, m13.6/2, Error ellipse: s-maj=48.1km s-min=11.2km az=144.0

ISC 14:54:40.4-0.8, 13.3N:0.1-51.02E:0.10, h10km, n51, az=204/37, mb4.2/19, MS3.5/23, Eastern Gulf of Aden

Table listing astronomical objects with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes objects like ABTO Aybut, MBAR Mbarara, GEYT Alibeck, etc.

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Table listing astronomical objects with columns for name, magnitude, position, and other details. Includes objects like MKAR Makanchi Array, BVAR Borovoye Array, PSZ Piszkesteto, etc.

14d 14:56:58.6-0.7, 31.65S:176.19W, h0km, mb4.4/7, mbtmp4.4/8, ML4.6/1, MS3.4/22, Error ellipse: s-maj=24.9km s-min=23.5km az=160.0

NEIC 14:57:00.3-1.5, 31.76S:0.07-176.17W:0.1, h10km, 1km, mb4.8/25, Error ellipse: s-maj=18.0km s-min=12.6km az=87.0

ISC-EH 14:57:01.9, 31.83S:176.20W, h23km, Error ellipse: s-maj=7.0km s-min=5.9km az=120.0

GCMT 14:57:03.0, 0.4, 31.71S:0.05-176.08W:0.03, h23km, 1km, MW4.9/64, Moment Tensor Solution. s19.c21; s64.c82; Duration: 0 Moment tensor: Scale 10^16Nm; M1:2.66; M2:0.42; M3:1.2; Mw:2.24; L3: Mw:0.14; L2: Mw:0.25; L1: Mw:0.25; Best double couple: Mw:2.46700/0.1016 NP1:179.00000; s48.00000; A-94.00000; NP2: 0.5-0.00000; s42.00000; A-86.00000; Principal axes: T:2.2540, P1g3.00000; Azm272.00000; N:0.4270, P1g3.00000; Azm181.00000; P-2.8790, P1g6.00000; Azm47.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14:57:00.1-0.5, 31.86S:0.06-176.29W:0.09, h10km, n95, az=161/80, mb4.8/19, MS3.6/21, Kermadec Islands region

Table listing astronomical objects with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes objects like RAO Raoul Island, RAO Rarotonga, RAO Rarotonga, etc.

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Table listing astronomical objects with columns for name, magnitude, position, and other details. Includes objects like ASAR comp=Z.39nm,20.4s,baz=98,slow=34, ASAR Alice Springs, WARR WRA Warramunga Arr, etc.

RSNC 14:57:04.9:1.5, 6.82N:73.16W, h150km, 6km, ML3.0, Mw3.6

14d 14:57:05.5-6.7, 6.82N:73.55W, h172km, 40km, mb2.7/1, mbtmp3.2, Error ellipse: s-maj=123.5km s-min=38.8km

ISC 14:57:02.6:1.0, 6.85N:0.03-73.09W:0.04, h161km, 6km, n26, c151/50, 3C, Northern Colombia

Table listing astronomical objects with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes objects like BARC Barichara, PAMC Pampiona, BRRC Barranca, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MPAG, GIGS, FSSB, VCEL, T0110, etc.

IDC 14 16:02:12.2-4.2, 17.50S-178.57W, h620km, 21km, mb2.7/3, mbtmp3.7/4, Error ellipse: s-maj=157.1km s-min=29.9km az=143.0, Fiji Islands region

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

LDG 14 16:08:56.0-0.1, 43.02N-13.08E, h10km, M13.1/7, Error ellipse: s-maj=1.9km s-min=1.2km az=49.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FDMO, T1219, T1256, CSPI, T1216, SEF1, etc.

2016 DEC

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDAR, T1245, NRCA, GUMA, GAGI, SNTG, T1215, ASSB, EL6, T1241, T1242, T1241, T1241, T1241, MNTP, MNTP, MNTP, T1218, ATCC, FOSV, CING, LNSS, MOMA, LNSS, MOMA, MNTP, SMA1, MURB, MURB, MURB, MURB, OFFI, etc.

14d 16h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OFFI, SSFR, ARVD, ARRO, ATFO, T1211, T1211, T1211, T1211, T1211, RM33, RM33, RM33, PP3, PP3, PP3, T1246, CEXS, CEXS, CEXS, CAMP, CAMP, FRON, FRON, TERO, TERO, TERO, T1247, T1247, T1247, AVTO, AVTO, COR1, COR1, PIEI, PIEI, PIEI, ATPI, ATPI, MPAG, MPAG, MPAG, AOI, AOI, AOI, GIGS, GIGS, FSSB, FSSB, MGAB, MGAB, MGAB, AQU, AQU, AQU, etc.

Table with columns: KURS, Kuram, 3.39 44 Pg, Pb, 16 27 41.2 +0.7, etc. Includes stations like Kuram, UZB, IUG, KK31, etc.

Table with columns: CTAO, Charters Tower, 17.55 235 P, P, 16 39 02.9 +1.9, etc. Includes stations like Charters Tower, Nonsavu, Eidsvold, etc.

Table with columns: SOEI, Soe, 36.56 267 P, P, 16 42 01.0 -0.1, etc. Includes stations like Soe, Forrest, Baunata, etc.

BUI 14 16:34:58.0,0.0,10.05S:161.32E,h47km,mb4.9/60, mB5.3/37,Ms5.1/38,Mt5.4/9.40, MOS 14 16:34:58.0,1.0,10.28S:161.42E,h51km,mb5.4/20, MS4.9/4, Error ellipse: s-maj=9.4km s-min=8.5km az=113.2, ISC-EH 14 16:34:58.2,10.29S:161.34E,h34km, Error ellipse: s-maj=3.0km s-min=2.2km az=126.0, NEIC 14 16:34:58.0,2.0,10.20S:0.08:161.49E:0.09,h35km,1km, s-min=2.105,Mmw5.4, Error ellipse: s-maj=17.1km s-min=9.9km az=46.0, NOU 14 16:35:01.0,10.27S:161.43E,h60km,mb5.4/79, Solomon Islands, IDC 14 16:35:01.9,1.9,10.26S:161.27E,h66km,14km,mb4.5/18, mbmp4.9/21,MS4.74/49, Error ellipse: s-maj=17.5km s-min=11.2km az=83.0, GCMT 14 16:35:01.0,0.1,10.22S:0.01:161.35E:0.01, h28km, MW5.3/131,Moment Tensor. s103,c159, s131,c216; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mn=0.22z;0.02; M0=0.83z;0.01; M1=0.61z;0.1; M2=0.70z;0.04; M3=0.40z;0.1; M4=0.27z;0.03; Best double couple: Mo1.12100z:0.1017 NP1:3z295.00000; 384.00000; lambda:45.00000; NP2:3z31.00000; 346.00000; lambda:171.00000; Principal axes: T 1.2150, P1g25.00000; Azm351.00000; N -0.1880, P1g45.00000; Azm109.00000; P -1.0270, P1g35.00000; Azm243.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, NEIC 14 16:35:05.10,33S:161.33E,h30km, Moment Tensor Solution. Duration: 12s0 Moment tensor: Scale 1017Nm; Mn=0.03; M0=0.92z;0.08; M1=1.07z;0.32; M2=0.48z;0.04; Fault plane solution: Mo1.51000z:0.1017 NP1:3z32.00000; 339.00000; lambda:179.00000; NP2:3z302.00000; 390.00000; lambda:50.00000; Principal axes: T 1.6125, P1g32.00000; Azm360.00000; N -0.2205, P1g345.00000; Azm122.00000; P -1.3920, P1g33.00000; Azm109.00000; ISC 14 16:34:57.9,0.3,10.28S:0.04:161.40E:0.05,h34km,1km, h34km:pp-P,n491,1z304/464,mb5.2/124,MS4.7/67, 11C-6D,Bougainville-Solomon Islands region

Table with columns: CTAO, Charters Tower, 17.55 235 P, P, 16 39 02.9 +1.9, etc. Includes stations like Charters Tower, Nonsavu, Eidsvold, etc.

Table with columns: SOEI, Soe, 36.56 267 P, P, 16 42 01.0 -0.1, etc. Includes stations like Soe, Forrest, Baunata, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, HNR Honiara, 1.66 300 Op, ISC, h m s ISC, 135um,0.3s,baz=162,slow=7.2,SNR=1274, etc.

Table with columns: CTAO, Charters Tower, 17.55 235 P, P, 16 39 02.9 +1.9, etc. Includes stations like Charters Tower, Nonsavu, Eidsvold, etc.

Table with columns: SOEI, Soe, 36.56 267 P, P, 16 42 01.0 -0.1, etc. Includes stations like Soe, Forrest, Baunata, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like PPBI, TJN, ASAJ, KSRs, MDSI, TAOE, etc.

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

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations 1029.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations 2016 DEC.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution for stations 14d 16h.

NECDC 14 16:41:05.5:2.1, 38.82N, 0.02:122.84W, 0.02, h1km, 4km, Mw5.0, mb4.7/37(NEIC), ML4.6/88(NEIC), Mw5.1(NEIC), Error ellipse: s-maj=2.8km s-min=2.0km az=61.0

14d 16h

Table with columns for station call letters, name, frequency, and other details. Includes stations like BVVM Vineyard, BSML Sierra Ranch, PEAR Peavine Mounta, etc.

2016 DEC

Table with columns for station call letters, name, frequency, and other details. Includes stations like DECC Green Verdugo, PASC Pasadena Art C, GSC Goldstone, etc.

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Table with columns for station call letters, name, frequency, and other details. Includes stations like MNXT Cornudas Mount, OQNE Ogallala, DGMT Dagmar, etc.

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like H1S1, H1S2, H1S3, YAK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MOTA, RAO, SQTA, WATA, etc.

IDC 14 16:45:13.7.3.4.21.39N.145.09E, h0km, mb3.6/4, mbmtg3.7/4, MS4.3/4, Error ellipse: s-maj=142.4km s-min=27.0km az=80.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSRS, WRA, ASAR, RES, etc.

NCEDC 14 16:46:18.5.1.0.38.81N.0.01.122.84W.0.02, h2km, 7km, ML3.0/21, ML3.2/36(NEIC), Error ellipse: s-maj=2.2km s-min=1.6km az=208.0

NEIC 14 16:46:18.8.1.1.38.81N.0.01.122.86W.0.02, h10km, 3km, Error ellipse: s-maj=2.4km s-min=1.9km az=47.0, Northern California

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GDXM, GACM, GCRM, etc.

14d 17h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations like HGHM, NMTM, MNRC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like WRA, ASAR, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like HNR, HNR, HNR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like WBO, WBO, WBO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like SONM, SONM, SVWZ, etc.

IDC 14 17:07:06.2-0.8, 21.44N:143.93E, h0km, mb3.9/11, mbtmp3.9/11, MS3.8/1, Error ellipse: s-maj=31.5km s-min=19.1km az=96.0

ISC 14 17:07:11.2-0.8, 21.44N:0.1x143.9E:0.2, h33km, n19, 0570/12, mb3.9/11, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like H1N1, H1N2, H1N3, etc.

IDC 14 17:10:38.9-0.9, 21.34N:144.47E, h71km, mb3.5/9, mbtmp3.8/9, Error ellipse: s-maj=32.5km s-min=14.8km

ISC 14 17:10:40.9-0.8, 21.22N:0.1x144.2E:0.2, h100km, n9, 0263/13, mb3.7/9, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like KSRS, KLR, WRA, etc.

ISC 14 17:24:31.7-34.69N:29.89E, h84km, ML3.4/7, NIC 14 17:24:34.0-0.3, 34.80N:29.97E, h33km, 27km, M13.3/4, G11 14 17:24:37.0-0.3, 34.18N:30.44E, h1km, Mm2.7/2, DDA 14 17:24:44.8-0.0, 35.64N:29.96E, h46km, 1km, ML2.3

ISC 14 17:24:33.0-1.3, 34.68N:0.05:29.91E:0.05, h54km, 54km, n49, 0154/64, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like KSL, AKAS, AKAS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like ALFC, CAME, KORT, etc.

TAP 14 17:36:31.4, 21.53N:120.99E, h32km, ML3.1, C, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like TSEB, TSEB, TWKB, etc.

WUSB Renai 2.46 3 eP Pn 17 37 10.9 +1.6
WUSB baz=3.0
WUSB eS Sn 17 37 39.8 +1.5

IDC 14 17:47:45.2:2.4, 5.79S:130'65E, h0km, mb3.4/1,
mbtmp3.2/3, ML2.4/32, 35C-18D, Error ellipse: s-maj=113.8km
s-min=33.9km az=71.0, Banda Sea
Code Station Name Az Phase ID Time Res
WRA Warramunga Arr 14.52 166 Op ISC h m s ISC
Pn Pn 17 51 11.6 -0.6
WRA 0.1nm, 0.3s, baz=346, slow=11, SNR=5.3 Sn Sn 17 53 39.9 -1.4
ASAR Alice Springs 18.05 170 P P 17 51 58.0 -0.1
MKAR Makanchi Array 67.58 326 P P 17 58 43.6 0.0

ROM 14 17:55:14.8:0.0, 43.083N:0'002:13.072E:0'004,
h10km, ML2.4/32, 35C-18D, Error ellipse: s-maj=0.2km
s-min=0.2km az=246.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Fiordimonte, Muccia, Frazio, Cessapalombo, Sefro, Monte D'Aria, Bologna, etc.

Main table with columns: Station Name, Az, Phase ID, Time, Res. Rows include stations like T1256, CESI, Serrava, San Severino, etc.

Main table with columns: Station Name, Az, Phase ID, Time, Res. Rows include stations like NRCA, MMO1, CING, FOSV, ATCC, etc.

14d 20h

Table of station data for 14d 20h, including columns for station name, frequency, power, and other technical details.

2016 DEC

Table of station data for 2016 DEC, including columns for station name, frequency, power, and other technical details.

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Table of station data for 1036, including columns for station name, frequency, power, and other technical details.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like TECA, TECO, VSM, PACA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like TORO, GERES, OBNI, ASAR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like BW06, PD31, PDAR, etc.

PET	comp=Z,2um,17.0s	MLR	MLR				
XAN	33.56 300	P	P	21 21 36.3 +0.4			
XAN		pP	pP	21 21 45.3 +0.4			
XAN		sP	sP	21 21 49.5 +1.1			
XAN		PP	PP	21 22 52.8 +0.7			
XAN		S	S	21 27 00.8 +4.6			
XAN	comp=Z,9.0nm,1.0s						
XAN	comp=Z,300nm,6.2s						
XAN	comp=Z,3um,15.1s	LR	LR				
XAN	comp=Z,3um,13.9s	LR	LR				
XAN	comp=Z,3um,15.5s	LR	LR				
HHC	33.79 313	eP	S	21 21 38.8 +0.9			
HHC		S	S	21 26 55.8 -3.9			
HHC	comp=Z,20nm,1.0s						
HHC	comp=Z,460nm,5.0s						
HHC	comp=Z,5um,12.1s	LR	LR				
HHC	comp=Z,6um,13.1s	LR	LR				
HHC	comp=Z,4um,12.6s	LR	LR				
HIA	33.99 331	P	P	21 21 38.7 -0.7			
HIA	33.99 331	P	P	21 21 38.7 -0.7			
HIA	comp=Z,23nm,1.0s						
HIA	comp=Z,1um,19.0s	MLR	MLR				
HNR	34.26 152	LR	LR	21 34 57.6			
GVA	34.64 286	P	P	21 21 46.9 +1.5			
GVA		pP	pP	21 21 53.3 +0.9			
GVA		PP	PP	21 23 08.3 +4.1			
GVA		S	S	21 27 17.8 +4.6			
GVA	comp=Z,10.0nm,1.6s						
GVA	comp=Z,390nm,4.9s						
GVA	comp=Z,2um,12.5s	LR	LR				
GVA	comp=Z,2um,12.9s	LR	LR				
GVA	comp=Z,2um,13.2s	LR	LR				
SPSI	34.74 226	P	P	21 21 47.0 +0.8			
BTO	34.76 311	eP	S	21 21 47.8 +1.5			
BTO		S	S	21 27 07.1 -7.6			
BTO	comp=Z,11um,17.3s	LR	LR				
BTO	comp=Z,12um,14.1s	LR	LR				
BNSI	34.83 226	P	P	21 21 48.3 +1.3			
ZEA	34.85 342	eP	S	21 21 46.5 -0.2			
ZEA		S	S	21 27 10.9 -4.6			
ZEA	comp=N,50nm,0.9s						
ZEA	comp=Z,70nm,0.9s						
ZEA	comp=N,300nm,5.0s						
ZEA	comp=Z,300nm,6.6s						
ZEA	comp=N,400nm,13.8s						
ZEA	comp=Z,1um,14.0s	MLR	MLR				
COEN	35.09 182	P	P	21 21 49.5 +0.3			
COEN		IAMB	IAMB	21 22 10.1			
BKSI	35.51 224	P	P	21 21 53.6 +0.8			
KAPI	35.52 225	LR	LR	21 36 26.2			
KAPI	35.52 225	P	P	21 21 52.5 -0.5			
KAPI		IAMB	IAMB	21 22 20.6			
KAPI	comp=Z,67nm,1.1s						
KAPI	35.52 225	P	P	21 21 52.5 -0.5			
BSSI	35.89 223	P	P	21 21 55.2 -0.9			
MTKI	36.22 236	P	P	21 21 59.9 +0.9			
MTN	36.32 202	P	P	21 21 58.8 -0.9			
MTN		IAMB	IAMB	21 22 07.4			
SBUM	36.37 243	P	P	21 22 00.5 +0.2			
SBUM		IAMB	IAMB	21 22 14.9			
SOEI	36.60 214	P	P	21 22 01.4 -0.9			
SOEI		IAMB	IAMB	21 22 27.1			
SOEI	comp=Z,107nm,1.1s						
SOEI	36.60 214	P	P	21 22 02.7 +0.4			
MMRI	36.79 218	P	P	21 22 03.0 -0.9			
MMRI	36.79 218	P	P	21 22 03.8 0.0			
MMRI	comp=Z,2um,comp=Z,94nm,1.7s						
UBPT	37.22 267	P	P	21 22 08.0 +0.5			
UBPT		IAMB	IAMB	21 22 30.9			
BATI	37.29 215	LR	LR	21 36 42.5			
BATI	37.29 215	P	P	21 22 06.2 -1.9			
CD2	37.39 293	P	P	21 22 09.4 +0.5			
CD2		PP	PP	21 23 37.6 +2.3			
CD2		S	S	21 27 57.5 +2.3			
CD2	comp=Z,3um,11.0s	LR	LR				
CD2	comp=Z,2um,10.6s	LR	LR				
CD2	comp=Z,3um,15.0s	LR	LR				
BBKI	37.90 233	P	P	21 22 14.1 +0.9			
LZH	38.06 302	eP	pP	21 22 15.5 +0.9			
LZH		pP	pP	21 22 23.3 -0.1			
LZH		sP	sP	21 22 28.8 +1.6			
LZH		S	S	21 28 07.9 +2.5			
LZH		sS	sS	21 28 20.3 +0.7			
LZH	comp=Z,46nm,1.6s						
LZH	comp=Z,240nm,5.5s						
LZH	comp=Z,3um,13.1s	LR	LR				
LZH	comp=Z,1um,14.4s	LR	LR				
LZH	comp=Z,2um,13.8s	LR	LR				
KMI	38.21 284	pP	pP	21 22 16.8 +0.8			
KMI		pP	pP	21 22 23.4 -1.3			
KMI		sP	sP	21 22 26.6 -1.6			
KMI		S	S	21 28 05.3 -2.6			
KMI		sS	sS	21 30 45.8 -7.6			
KMI	comp=Z,8.0nm,2.0s						
KMI	comp=Z,400nm,5.7s						
KMI	comp=Z,560nm,17.5s						
KMI	comp=Z,2um,14.0s	LR	LR				
KMI	comp=Z,2um,15.3s	LR	LR				
MA2	38.48 5	P	P	21 22 16.8 -0.8			
MA2		IAMB	IAMB	21 22 17.0 -0.6			
MA2	38.48 5	P	P	21 22 17.0 -0.6			
MA2	comp=Z,167nm,1.5s						
MA2	38.48	5ceP	P	21 22 19.3 +1.7			
KSM	38.50 244	P	P	21 22 17.8 -0.5			
SHEM	38.85 29	LR	LR	21 36 23.2			
KMI	39.05 286	pP	P	21 22 24.3 +1.3			

PZH	pP	pP	21 22 31.1 -0.5				
PZH	sP	sP	21 22 36.8 +1.3				
PZH	S	S	21 28 19.1 -1.3				
PZH	SS	SS	21 31 05.3 -8.0				
PZH	comp=Z,20nm,1.4s						
PZH	comp=Z,140nm,6.3s						
PZH	comp=Z,2um,14.9s	LR	LR				
PZH	comp=Z,2um,14.5s	LR	LR				
PZH	comp=Z,2um,15.1s	LR	LR				
PLAI	39.67 224	P	P	21 22 26.8 -1.2			
KNRA	39.79 204	P	P	21 22 28.1 -0.9			
KNRA	comp=Z,92nm,0.8s						
ULN	39.86 321	P	P	21 22 28.6 -0.9			
ULN	39.86 321	IAMB	IAMB	21 39 44.8			
ULN	39.86 321	IAMS_20	IAMS_20	21 39 44.8			
ULN	39.86 321	P	P	21 22 29.7 +0.3			
ULN	39.86 321	ceP	ceP	21 22 29.8 +0.3			
TWSI	40.18 225	P	P	21 22 31.6 -0.7			
SONM	40.23 320	P	P	21 22 30.1 -2.5			
SONM	40.23 320	P	P	21 22 32.4 -0.7			
SONM	comp=Z,2.3nm,1.1s,baz=138,slow=5.0,SNR=4.2						
SONM	comp=Z,2um,18.1s,baz=115,slow=37						
SONM	40.23 320	P	P	21 22 32.2 -0.4			
SONM	40.23 320	P	P	21 22 32.2 -0.4			
SRBI	40.82 227	P	P	21 22 38.9 +1.3			
CTAO	41.22 177	P	P	21 22 39.5 -1.3			
CTAO	41.22 177	IAMB	IAMB	21 23 06.1			
CTAO	41.22 177	P	P	21 22 39.5 -1.3			
ABJI	41.30 229	P	P	21 22 40.4 -1.1			
PHRA	41.37 274	P	P	21 22 42.3 +0.1			
BLJI	41.71 229	P	P	21 22 46.6 +1.7			
JAGI	41.83 228	P	P	21 22 45.3 -0.5			
JAGI	41.83 228	IAMB	IAMB	21 22 54.1			
JAGI	41.83 228	P	P	21 22 45.4 -0.5			
GTA	41.87 306	pP	pP	21 22 46.8 +0.6			
GTA	41.87 306	PcP	PcP	21 24 48.3 +6.7			
GTA	41.87 306	S	S	21 28 59.3 -3.0			
GTA	comp=Z,18nm,1.4s						
GTA	comp=Z,140nm,6.4s						
GTA	comp=Z,2um,13.9s	LR	LR				
GTA	comp=Z,1um,14.3s	LR	LR				
YAK	41.89 350	P	P	21 22 44.3 -1.5			
YAK	41.89 350	P	P	21 29 02.6 +1.0			
YAK	comp=Z,3.1nm,0.4s,baz=94,slow=0.9,SNR=1.5						
YAK	41.89 350	P	P	21 22 45.2 -0.6			
YAK	41.89 350	IAMB	IAMB	21 22 54.3			
YAK	41.89 350	eP	P	21 22 45.3 -0.4			
YAK	41.89 350	eS	S	21 29 03.7 +2.2			
YAK	41.89 350	eSS	SS	21 32 09.4 +0.9			
YAK	comp=Z,90nm,0.9s						
YAK	comp=N,28nm,1.0s						
YAK	comp=E,9.0nm,0.9s						
YAK	comp=Z,49nm,2.0s						
YAK	comp=N,71nm,2.7s						
YAK	comp=E,101nm,2.3s						
YAK	comp=E,189nm,2.5s						
YAK	comp=N,103nm,2.5s						
YAK	comp=Z,1um,16.0s	MLR	MLR				
YAK	comp=N,1um,16.0s	MLR	MLR				
SEY	41.94 6	P	P	21 22 44.6 -1.6			
WB0	41.97 194	P	P	21 22 45.5 -0.5			
WB0	41.97 194	IAMB	IAMB	21 23 06.8			
TNCH	42.03 284	pP	pP	21 22 49.3 +1.6			
TNCH	42.03 284	pP	pP	21 22 55.8 -0.6			
TNCH	42.03 284	PP	PP	21 24 29.8 +4.5			
TNCH	42.03 284	S	S	21 29 07.1 +2.0			
TNCH	42.03 284	sS	sS	21 32 07.4 -5.4			
TNCH	42.03 284	ScS	ScS	21 32 48.6 +0.1			
TNCH	comp=Z,10.0nm,1.2s						
TNCH	comp=Z,210nm,7.2s						
TNCH	comp=Z,2um,11.9s	LR	LR				
TNCH	comp=Z,950nm,11.9s	LR	LR				
WRAB	42.14 194	P	P	21 22 48.1 -0.2			
WRAB	42.14 194	IAMB	IAMB	21 22 58.6			
WRAB	42.14 194	iP	pP	21 22 47.5 -0.8			
WRAB	42.14 194	P	P	21 22 47.1 -1.3			
WRA	42.15 194	P	P	21 28 32.0 +1.2			
WRA	42.15 194	ScP	ScP	21 29 09.1 +2.7			
WRA	42.15 194	P	P	21 22 48.0 -0.4			
WRA	42.15 194	P	P	21 22 48.0 -0.4			
WRA	comp=Z,8.0nm,1.2s						
CHTO	42.50 275	P	P	21 22 51.4 0.0			
CHTO	42.50 275	P	P	21 22 51.4 0.0			
BOD	42.55 337	eP	P	21 22 50.7 -0.5			
BOD	42.55 337	P	P	21 22 50.7 -0.5			
CMAR	42.57 274	P	P	21 22 50.8 -1.2			
CMAR	42.57 274	P	P	21 24 45.2 +1.1			
CMAR	42.57 274	P	P	21 22 52.3 +0.3			
CMAR	42.57 274	P	P	21 22 52.3 +0.3			
ADK	42.91 35	P	P	21 23 54.3 +0.1			
ADK	42.91 35	IAMB	IAMB	21 23 04.8			
ADK	42.91 35	P	P	21 22 54.3 +0.1			
ADK	42.91 35	P	P	21 22 54.3 +0.1			
NGJI	42						

PRP	Porcupine Dome	62.60	26	P	P	21 25 20.0 +0.3
RIDG	Independent Ri	62.64	28	P	P	21 25 19.5 -0.5
PALK	Pallekele	62.76 267	LR	LR		21 53 50.0
SUCK	Suckling Hills	62.77 32	IAMS_20	IAMS_20		21 46 21.8
GLB	Gilahina Butte	62.87 31	P	P	21 25 20.0 -1.5	
F25K	Christian River	62.90 24	P	P	21 25 20.8 -0.7	
D25K	Kavik River	62.95 22	P	P	21 25 21.6 -0.3	
E25K	Arctic Village	63.02 23	P	P	21 25 21.8 -0.5	
VRDI	Verde Repeater	63.03 31	P	Iamb	21 25 22.7 +0.1	
VRDI					21 25 32.2	
SCRK	Sand Creek	63.05 28	P	P	21 25 22.3 -0.4	
SCRK	Sand Creek	63.05 28	P	P	21 25 21.4 -1.3	
NIL	Niilore	63.06 298	P	P	21 25 23.2 0.0	
NIL	Niilore	63.06 298	P	P	21 25 23.2 +2.1	
NIL	Niilore	63.06 298	P	P	21 25 23.2 0.0	
L26K	Log Cabin Wild	63.23 29	IAMS_20	IAMS_20		21 51 26.9
L26K	Log Cabin Wild	63.23 29	P	P	21 25 24.3 +0.5	
MCARA	McCarthy VSAT	63.24 31	IAMS_20	IAMS_20		21 51 28.2
MCARA	McCarthy VSAT	63.24 31	P	P	21 25 23.5 -0.4	
WAX	Waxell Ridge	63.26 32	P	Iamb	21 25 24.4 +0.3	
WAX					21 25 33.9	
WAX					21 47 22.7	
BMAR	Burnt Mountain	63.27 24	P	P	21 25 25.0 +1.0	
J26L	Joseph Creek	63.29 27	IAMS_20	IAMS_20		21 45 26.4
J26L	Joseph Creek	63.29 27	P	P	21 25 23.4 -0.8	
M26K	Nabesna, AK	63.34 30	IAMS_20	IAMS_20		21 52 39.0
M26K	Nabesna, AK	63.34 30	P	P	21 25 23.9 -0.7	
DZA	Taraz	63.46 308	eP	P	21 25 25.6 -0.1	
DZA	Taraz	63.46 308	eP	P	21 25 25.6 -0.1	
F26K	Sheenjik River	63.48 24	P	P	21 25 26.6 +1.3	
G26K	Porcupine River	63.51 25	P	P	21 25 26.2 +0.7	
C26K	Camden Bay	63.57 21	P	P	21 25 27.1 +1.3	
BRVK	Borovoye Array	63.57 320	LR	LR	21 54 13.9	
BRVK	Borovoye	63.64 320	P	Iamb	21 25 26.0 -0.6	
BRVK	Borovoye	63.64 320	P	Iamb	21 25 37.3	
BRVK	Borovoye	63.64 320	P	P	21 25 26.7 +0.1	
BRVK	Borovoye	63.64 320	P	P	21 25 26.7 +0.1	
BRVK	Borovoye	63.64 320	P	P	21 25 25.0 -1.6	
MESA	MESA	63.69 32	IAMS_20	IAMS_20		21 50 22.2
MESA	MESA	63.69 32	P	P	21 25 27.0 -0.1	
M27K	Edge Creek, AK	63.86 30	IAMS_20	IAMS_20		21 50 49.4
M27K	Edge Creek, AK	63.86 30	P	P	21 25 28.1 0.0	
BARN	Barnard Glacie	63.88 31	IAMS_20	IAMS_20		21 51 58.1
L27K	Beaver Creek	63.93 29	IAMS_20	IAMS_20		21 51 05.5
L27K	Beaver Creek	63.93 29	P	P	21 25 28.5 +0.1	
C27K	Jago River	63.93 22	P	P	21 25 29.0 +0.7	
BCAR	Beaver Creek A	63.95 29	P	P	21 25 28.3 -0.3	
KK31	Karatay Array	64.04 309	Iamb	Iamb	21 25 38.7	
KK31	Karatay Array	64.04 309	P	P	21 25 29.8 +0.3	
KK31	Karatay Array	64.04 309	P	P	21 25 29.8 +0.1	
KKAR	Karatay Array	64.04 309	P	P	21 25 29.8 +0.1	
TABL	Table Mountain	64.11 32	Iamb	Iamb	21 25 30.2 +0.4	
TABL					21 25 52.3	
TABL					21 50 46.1	
I27K	Kandik River	64.23 26	P	P	21 25 30.6 +0.2	
H27K	Steamboat Moun	64.32 26	P	P	21 25 31.2 +0.2	
G27K	Doyon Strip	64.33 25	P	P	21 25 31.9 +0.9	
BVCY	Beaver Creek	64.33 30	P	P	21 25 31.6 +0.5	
EGAK	Eagle	64.35 27	P	Iamb	21 25 30.9 -0.1	
EGAK					21 25 42.9	
EGAK					21 25 31.0 -0.1	
IUG	Iuzhny	64.49 308	eP	P	21 25 33.1 +0.5	
IUG	Iuzhny	64.49 308	eP	P	21 25 33.0 +0.5	
YUK3	Moose Creek	64.49 31	P	P	21 25 32.7 +0.4	
E27K	Coleen River	64.50 23	P	P	21 25 33.7 +1.6	
PINM	Pinnacle	64.54 33	P	P	21 25 32.9 +0.4	
O28M	Mount Upton	64.59 32	P	P	21 25 33.5 +0.4	
GAR	Garm	64.66 304	P	P	21 25 33.1 -0.6	
CHM	Chimkent	64.79 308	eP	P	21 25 34.2 -0.3	
CHM	Chimkent	64.79 308	eP	P	21 25 34.1 -0.3	
YUK8	Steele Glacier	64.81 31	P	P	21 25 35.1 +0.6	
PNL	Peninsula	64.97 33	P	P	21 25 34.9 -0.3	
DAWY	Dawson	65.07 28	P	Iamb	21 25 35.9 0.0	
DAWY					21 25 45.7	
DAWY					21 25 36.4 +0.5	
TAS	Tashkent	65.13 307	P	Iamb	21 25 36.9 +0.2	
TAS					21 25 46.4	
TAS					21 25 36.9 +0.2	
YUK4	Talbot Arm	65.35 31	P	P	21 25 38.8 +0.9	
O29M	Mount Kennedy	65.38 32	P	P	21 25 36.4 -1.7	
M29M	Somme Creek	65.45 30	P	P	21 25 39.1 +0.7	
YUK6	Outpost Mounta	65.48 32	P	P	21 25 40.3 +1.4	
I29M	Ogivilie Camp,	65.59 27	IAMS_20	IAMS_20		21 51 58.1
I29M	Ogivilie Camp,	65.59 27	P	P	21 25 40.9 +1.7	
CHGR	Chuyangaron	65.60 304	P	P	21 25 39.8 -0.1	
CHGR	Chuyangaron	65.60 304	P	P	21 25 39.8 -0.1	
J29M	Klondike Camp	65.60 28	IAMS_20	IAMS_20		21 51 36.4
J29M	Klondike Camp	65.60 28	P	P	21 25 40.2 +0.9	

L29M	L29M	65.61	29	P	P	21 25 40.0 +0.6
POO	Poona	65.71 281	eP	P	21 25 35.0 -5.8	
PCHI	Peechi	65.74 272	eP	S	21 25 29.1 -1.2	
P29M	Windy Craggy	65.81 33	IAMS_20	IAMS_20		21 46 39.3
P29M	Windy Craggy	65.81 33	P	P	21 25 41.1 +0.4	
K29M	Barlow Dome	65.89 28	P	P	21 25 42.0 +0.7	
HYT	Haines Junctio	65.91 32	P	P	21 25 42.8 +1.4	
N30M	Aishikik Lake	66.10 31	P	P	21 25 43.0 +0.4	
P30M	Million Dollar	66.19 32	P	P	21 25 43.9 +0.7	
M30M	Minto, Yukon	66.22 30	IAMS_20	IAMS_20		21 47 16.9
M30M	Minto, Yukon	66.22 30	P	P	21 25 44.2 +0.9	
EPYK	Eagle Plains	66.27 26	IAMS_20	IAMS_20		21 52 08.0
EPYK	Eagle Plains	66.27 26	P	P	21 25 43.9 +0.4	
KBL	Kabul	66.36 299	P	Iamb	21 25 44.2 -0.8	
KBL	Kabul	66.36 299	P	Iamb	21 26 05.5	
KBL	Kabul	66.36 299	P	P	21 25 45.5 +0.5	
KBL	Kabul	66.36 299	P	P	21 25 44.2 -0.8	
G30M	Atoh Zraii Nji	66.48 25	P	P	21 25 45.0 +0.1	
PLBC	Pleasant Camp	66.51 33	P	P	21 25 45.9 +0.7	
O30N	Mendhall	66.60 32	P	P	21 25 46.0 +0.2	
S31K	Pelican	66.65 35	P	P	21 25 46.8 +0.8	
N31M	Braeburn, Yuko	66.73 31	IAMS_20	IAMS_20		21 52 17.3
N31M	Braeburn, Yuko	66.73 31	P	P	21 25 47.6 +1.0	
R31K	City Hall, Gus	66.89 34	P	P	21 25 48.3 +0.8	
SKAG	Skagway	67.04 33	P	P	21 25 49.5 +1.0	
RTZ	Ruatahunu	67.08 153	P	Iamb	21 25 48.2 -0.8	
SIT	Sitka	67.20 36	P	P	21 25 50.6 +1.1	
WHY	Whitehorse	67.20 32	P	P	21 25 50.6 +1.0	
M31M	Drury Creek, Y	67.35 30	IAMS_20	IAMS_20		21 53 05.8
M31M	Drury Creek, Y	67.35 30	P	P	21 25 51.1 +0.6	
F31M	Tsighehtchic	67.44 24	P	P	21 25 51.2 +0.3	
INK	Inuvik	67.51 23	P	P	21 25 49.5 -1.8	
INK	Inuvik	67.51 23	P	P	21 25 51.1 -0.2	
INK	Inuvik	67.51 23	P	P	21 25 51.5 +0.2	
INK	Inuvik	67.51 23	P	P	21 25 51.1 -0.2	
R32K	Eaglecrest	67.54 34	P	P	21 25 51.6 -0.1	
S32K	Killisno	67.57 35	P	P	21 25 52.6 +0.8	
FARO	Faro, Yukon	67.84 30	P	Iamb	21 25 52.6 -1.0	
FARO	Faro, Yukon	67.84 30	P	Iamb	21 25 06.4	
P32M	Atlin	67.85 33	P	P	21 25 54.8 +1.1	
P33M	Teslin	68.25 32	P	P	21 25 56.7 +0.5	
U33K	Whale Pass	68.50 37	P	P	21 25 57.4 -0.4	
BFZ	Birch Farm	68.52 154	P	P	21 25 58.7 +0.7	
CRAC	Crab	68.57 37	P	P	21 25 58.7 +0.5	
Q32M	Nakina River	68.65 34	P	P	21 25 59.4 +0.5	
MMPY	Sheldon Lake,	68.78 30	P	P	21 25 59.8 +0.3	
WRAK	Wrangell Islan	68.89 36	P	P	21 25 59.8 -0.4	
SVE	Sverdiolvsk	68.94 324	eP	S	21 25 00.6 +0.1	
SVE	Sverdiolvsk	68.94 324	eP	S	21 35 03.7 +1.0	
RAR	Rarotonga	69.13 124	LR	LR	21 53 18.4	
H02S	DAWSON INLET T	69.24 40	T	T	22 41 48.1	
R33M	Jennings River	69.27 33	P	P	21 26 03.9 +1.2	
S34M	Telegraph Cree	69.37 35	P	P	21 26 04.6 +1.4	
V35K	Ketchikan	69.44 37	P	P	21 26 05.8 +2.1	
DLBC	Dease Lake	69.88 34	P	Iamb	21 26 06.8 +0.4	
DLBC	Dease Lake	69.88 34	P	P	21 26 08.0 +1.7	
T35M	Bob Quinn	69.97 36	P	P	21 26 08.3 +1.4	
A36M	Sachs Harbour	70.05 19	P	Iamb	21 26 07.0 -0.1	
A36M	Sachs Harbour	70.05 19	P	P	21 26 17.2	
A36M	Sachs Harbour	70.05 19	P	P	21 26 07.7 +0.6	
ARU	Arti	70.13 324	LR	LR	21 59 30.8	
ARU	Arti	70.13 324	P	Iamb	21 26 07.0 -0.9	
ARU	Arti	70.13 324	dIP	P	21 26 07.4 -0.4	
ARU	Arti	70.13 324	P	S	21 26 26.4	
ARU	Arti	70.13 324	P	S	21 35 18.2 +1.5	
ARU	Arti	70.13 324	P	MLR	MLR	
WTLY	Watson Lake, Y	70.26 32	P	P	21 26 09.8 +1.1	
ABKAR	Akbulak array	70.48 316	P	Iamb	21 26 09.6 -0.5	
ABKAR	Akbulak array	70.48 316	P	Iamb	21 26 17.5	
ABKAR	Akbulak array	70.48 316	P	P	21 26 09.8 -0.4	
C36M	Paulatuk	70.83 22	P	P	21 26 12.5 +0.6	
AKTO	Aktyubinsk	71.49 318	LR	LR	21 58 22.3	
LIRD	Liard River Hi	71.72 33	P	P	21 26 18.0 +0.5	
HRA	Herat	71.79 301	P	Iamb	21 26 18.4 -0.8	
HRA	Herat	71.79 301	P	Iamb	21 26 28.8	
WRGLY	Wrigley	72.21 28	P	P	21 26 21.1 +0.8	
KOTAN	Kotaneleele Air	72.59 32	P	P	21 26 22.9 +0.3	
GEYT	Alibek	74.25 305	P	P	21 26 32.2 -0.8	
GEYT	Alibek	74.25 305	P	PKKPbc	21 45 59.7 -2.8	
GEYT	Alibek	74.25 305	P	LR	22 02 54.0	
GEYT	Alibek	74.25 305	P	Iamb	21 26 32.5 -0.5	
GEYT	Alibek	74.25 305	P	Iamb	21 26 42.6	
GYA0B	ALIBECK ARRAY	74.25 305	P	Iamb	21 26 32.3 -0.6	
GYA0B					21 26 42.5	
KIRV	Kirov	74.50 327	LR	LR	22 02 13.4	

KIRV	Kirov	74.50 327	eP	P	21 26 34.0 +0.1	
EUNU	Eureka	75.32 8	P	P	21 26 38.4 0.0	
PRGR	Pergomgore	75.45 331	eP	P	21 26 37.3 -2.0	
PPT	Papeete	75.50 116	LR	LR	21 52 15.8	
PPT2	Papeete2	75.51 116	eLR	LR	21 49 55.3	
PPT2					21 49 55.4	
NLWA	Neilton Lookou	75.85 44	IAMS_20	IAMS_20		21 49 54.0
E03A	Leban	76.25 49	P	P	21 26 44.2 -0.2	
SPITS	Spitsbergen Ar	76.35 350	LR	LR	22 08 25.0	
HILA	High Level	76.48 32	P	P	21 26 44.4 -0.9	
NOR	Nord	76.70 357	P	Iamb	21 26 46.1 -0.6	
NOR					21 26 58.0	
RES	Resolute Bay	77.19 14	P	P	21 26 48.6 -0.5	
RES	Resolute Bay	77.19 14	P	Iamb	21 26 48.5 -0.5	
RES	Resolute Bay	77.19 14	P	Iamb	21 26 58.5	
RES	Resolute Bay	77.19 14	P	P	21 26 48.5 -0.5	
BELG	Belogomoye	77.28 321	c/P	P	21 26 49.6 -0.3	
BELG					21 26 51.8 -0.7	
ADZR	Andozero	77.80 334	eP	P	21 26 51.8 -0.7	
WBK	Wadi Bani Khal	77.91 290	P	P	21 26 55.9 +1.9	
WBK					21 26 55.9 +1.9	
YBH	Yreka Blue Hor	78.31 50	LR	LR	21 55 25.3	
TBI	Tubuai	78.36 121	eLR	LR	21 51 14.3	
TBI					21 51 14.8	
KLMR						

14d 21h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Galich'ya Gora, Obninsk, Voronezh, and Bozeman (W).

2016 DEC

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Bozeman (W), Eagleton, Troy Canyon, and Boulder Array.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like LASA Array, Parker Dam, Lak, and Boulder Array.

Table with columns: CBKS, Station Name, Time, Res, and various codes. Includes stations like Cedar Bluff, Vranov, VRAC, etc.

Table with columns: H11S2, Station Name, Time, Res, and various codes. Includes stations like WAKE ISLAND HY 22.31, SOMN, WRA, etc.

Table with columns: CMSA, Station Name, Time, Res, and various codes. Includes stations like Cobar Meteorol, Keravat, KRVT, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like Korea Array, WAKE ISLAND HY 22.29, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like WAKE ISLAND HY 22.29, WAKE ISLAND HY 22.89, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like Cobar Meteorol, Keravat, KRVT, etc.

ADK	ADak	73.62 359	P	P	21 38 19.9 +0.6
ADK	ADak	73.62 359	P	P	21 38 19.9 +0.6
ADK					
H06S1	SOCORRO T-142m,1.4s	74.25 62	T	T	23 00 00.2
H06E1	SOCORRO T-PHAS4.30	62	T	T	22 59 54.1
SBUM	Sibu	75.39 279	P	P	21 38 30.6 0.0
JNU	Nakatsue	75.58 315	LR	LR	22 05 34.5
UNV	Unalaska Valle	75.88 5	P	P	21 38 35.2 +2.8
LEM	Lembang	76.18 268	P	P	21 38 34.2 -1.1
LEM					22 12 01.1
ASAJ	Asahikawa	76.61 330	LR	LR	22 05 39.5
KSM	Kuching	76.77 277	P	P	21 38 37.6 -0.8
SAO	San Andreas Ge	77.01 41	P	P	21 38 39.8 +0.6
SAO					21 38 56.2
MURC	Murrie	77.77 46	P	P	21 38 44.9 +1.3
MONP2	Monument Peak	77.86 47	P	P	21 38 46.0 +1.6
IKP	In-Ko-Pah, Jac	77.94 47	P	P	21 38 46.2 +1.6
SDPT	Sand Point	78.00 8	P	P	21 38 48.1 +3.8
EDW2	Edwards Air Fo	78.01 45	P	P	21 38 47.4 +2.4
CGJI	Cibinong	78.04 268	P	P	21 38 44.8 -0.8
YUH	Yuha Desert	78.06 47	P	P	21 38 45.2 0.0
YUH					21 39 02.0
S12K	Black Hills	78.15 7	P	P	21 38 49.0 +3.8
ISA	Isabella, Lake	78.18 44	P	P	21 38 48.7 +2.7
PFO	Pinyon Flats O	78.27 46	P	P	21 38 48.3 +1.8
TPFO	Pinon Flats	78.27 46	P	P	21 38 48.3 +1.8
PMD	Palm Desert	78.34 46	P	P	21 38 46.1 -0.6
PMD					21 39 03.4
CMB	Columbia Colle	78.48 41	P	P	21 38 48.3 +0.8
CMB					21 39 04.0
PEA0B	Petropavlovsk	78.60 343	P	P	21 38 47.0 -0.7
PEA0B					21 38 47.0 -0.7
PETK	Petropavlovsk	78.60 343	P	P	21 38 48.4 +0.7
PETK					22 07 45.8
YSS	Yuzh-Sakhalins	78.71 332	P	P	21 38 49.8 +1.4
YSS	Yuzh-Sakhalins	78.71 332	eP	eP	21 38 49.7 +1.3
YSS					
BELO	Belle Mtn. Jos	78.80 46	P	P	21 38 51.7 +2.2
CWC	Cottonwood Cre	78.91 43	P	P	21 38 51.8 +1.7
BC3	Big Chuckawall	78.97 47	P	P	21 38 52.2 +1.9
GSC	Goldstone, Bar	79.04 45	P	P	21 38 52.5 +1.8
GLA	Glamis	79.05 48	P	P	21 38 52.4 +1.7
MPMC	Manual Prospec	79.06 44	P	P	21 38 52.7 +1.8
PIX	Pinacate	79.15 50	P	P	21 38 51.8 +0.6
CHIR	Chirikof Islan	79.20 11	P	P	21 38 54.8 +3.9
PPBI	Pangkal Pinang	79.25 272	P	P	21 38 51.9 -0.3
IRM	Iron Mountain	79.47 47	P	P	21 38 54.6 +1.6
GMRC	Granite Mounta	79.49 46	P	P	21 38 55.4 +2.2
DSP	Deep Springs	79.55 43	P	P	21 38 53.5 +2.2
GRAC	Grapevine Hang	79.70 43	P	P	21 38 56.8 +2.6
214A	Organ Pipe Nat	79.83 50	P	P	21 38 56.0 +1.0
NVAR	Minna Array Bea	80.00 42	P	P	21 38 58.6 +2.6
KSR5	Korea Array	80.15 317	P	P	21 38 54.7 -1.8
KSR5					22 08 30.7
MDSI	Maura Dua	80.22 269	P	P	21 38 57.3 -0.2
PDMC1	Parker Dam,Lak	80.23 47	P	P	21 38 59.6 +2.5
TPNV	Topopah Spring	80.39 44	P	P	21 38 58.7 +0.7
R17K	Ugashik Creek	80.81 10	P	P	21 39 00.8 +1.2
MAW	Mawson	81.19 199	P	P	21 39 03.7 +2.1
MAW					22 16 33.1
MAW	Mawson	81.19 199	P	P	21 39 05.0 +3.3
MAW	Mawson	81.19 199	P	P	21 39 03.6 +1.9
MAW	Mawson	81.19 199	P	P	21 39 03.6 +1.9
TUC	Tucson	81.46 50	P	P	21 39 04.7 +0.9
Q17K	Contact Creek	81.49 10	P	P	21 39 04.7 +1.3
KDAK	Kodiak Island	81.61 12	P	P	21 39 05.6 +1.8
KDAK					22 11 18.6
KDAK	Kodiak Island	81.61 12	P	P	21 39 04.9 +1.1
R11A	Troy Canyon, C	81.64 43	P	P	21 39 05.6 +0.8
TYV	Tymovskoe	81.76 334	eP	eP	21 39 05.7 +0.9
TYV					21 49 15.9 -1.1
TYV					
TYV					
TYV					
Q16K	King Salmon	81.77 9	P	P	21 39 06.4 +1.7
Q18K	Katmai Hardscr	82.00 10	P	P	21 39 07.3 +1.3
USA0B	Ussuriysk Arra	82.03 324	P	P	21 39 07.3 +0.9
USA0B	Ussuriysk Arra	82.03 324	P	P	21 39 07.3 +0.9
USRK	Ussuriysk Ar.	82.03 324	P	P	21 39 07.2 +0.8
USRK					21 39 09.6 +1.4
H03S2	Juan Fernandez	82.50 123	T	T	23 11 11.8
H03S1	Juan Fernandez	82.52 123	T	T	23 11 10.4
H03S3	Juan Fernandez	82.52 123	T	T	23 11 11.7
H03N2	Juan Fernandez	82.64 123	T	T	23 10 57.7
H03N3	Juan Fernandez	82.64 123	T	T	23 10 58.8
H03N1	Juan Fernandez	82.66 123	T	T	23 11 17.1

P18K	Big Mountain,	82.67 10	P	P	21 39 09.4 -0.1
P18K					21 39 24.7
P18K	Big Mountain,	82.67 10	P	P	21 39 10.7 +1.3
O17K	Koiliganek Bris	82.76 9	P	P	21 39 10.6 +0.8
WU4Z	Wupatki	82.79 47	P	P	21 39 10.5 -0.3
O18K	Kohai Hills	83.12 10	P	P	21 39 13.1 +1.4
N16K	Nishlik Lake	83.21 8	P	P	21 39 13.1 +0.9
ELK	Elk	83.28 41	P	P	21 39 13.7 +0.3
NJ2	Nanjing	83.31 308	eP	eP	21 39 13.8 +0.5
ILSW	Iliamna Southw	83.58 11	P	P	21 39 14.5 +0.3
ILSW					21 39 29.4
O19K	Port Alsworth	83.58 10	P	P	21 39 13.8 -0.2
O19K					21 39 15.8 +1.7
MDJ	Mudanjiang	83.61 324	P	P	21 39 15.5 +0.9
MDJ					21 39 17.0 +2.4
BRSE	Bradley Lake S	83.79 12	P	P	21 39 16.8 +1.6
N19K	Bonanza Creek	84.14 10	P	P	21 39 17.8 +0.7
N19K					21 39 19.5
N19K	Bonanza Creek	84.14 10	P	P	21 39 18.3 +1.2
HAWA	Hanford	84.34 35	P	P	21 39 19.0 +0.8
HAWA					21 39 34.9
GRNR	Gornyy	84.34 331	||P	||P	21 39 19.8 +1.6
GRNR					
SEW	Sevdykino	84.37 12	P	P	21 39 19.4 +1.4
BMO	Blue Mountains	84.57 37	P	P	21 39 20.5 +0.8
BMO					21 39 20.5 +0.8
N20K	Mount Spurr	84.88 11	P	P	21 39 22.1 +1.3
SPCR	Spurr Chakacha	84.88 11	P	P	21 39 21.7 +0.9
MNTX	Cornudas Mount	85.08 53	P	P	21 39 23.3 +0.9
MNTX					21 39 22.4 -0.1
M19K	Big River Lodg	85.19 9	P	P	21 39 22.4 +0.1
RC01	Rabbit Creek A	85.23 12	P	P	21 39 24.0 +1.6
TX32	Lajitas Array	85.23 56	P	P	21 39 24.9 +1.5
TX32					21 39 40.6
TXAR	Lajitas Array	85.23 56	P	P	21 39 26.4 +3.0
PWL	Port Wells	85.29 13	P	P	21 39 24.1 +1.4
F10A	Beach Ranch, E	85.31 36	P	P	21 39 24.5 +1.2
F10A					21 39 43.7
SUA	Susitna One	85.39 11	P	P	21 39 24.6 +1.3
SUA					21 39 38.7
SUA	Susitna One	85.39 11	P	P	21 39 24.5 +1.2
L19K	White Mountain	85.39 9	P	P	21 39 24.5 +1.2
HLID	Hailey	85.45 39	P	P	21 39 25.7 +1.6
PLID	Pea Lake	85.45 37	P	P	21 39 25.1 +0.9
EN2	Princess Elisa	85.46 186	eP	eP	21 39 26.7 +2.8
CN2	Changchun	85.47 321	P	P	21 39 25.3 +1.3
KLR	Kul'dur	85.48 328	LR	LR	22 10 48.1
BNX	BinXian	85.52 323	||P	||P	21 39 25.6 +1.4
BNX					
EYAK	Cordova Ski Ar	85.56 14	P	P	21 39 25.4 +1.4
SKT	Skwentna	85.73 11	P	P	21 39 27.2 +2.2
BGLC	Bering Glacier	85.75 15	P	P	21 39 26.6 +1.6
M22K	Willow	85.77 11	P	P	21 39 26.6 +1.6
KNK	Knik Glacier	85.77 12	P	P	21 39 26.4 +1.2
PMR	Palmer	85.81 12	P	P	21 39 26.9 +1.6
L20K	Farewell, AK	85.82 9	P	P	21 39 26.6 +1.3
PLCA	Paso Flores	85.91 132	LR	LR	22 11 52.9
ANMO	Albuquerque	85.91 50	P	P	21 39 27.8 +1.1
TTA	Tatiana	85.94 8	P	P	21 39 27.6 +1.6
DIV	Divide	86.07 14	P	P	21 39 27.1 +0.4
DIV					21 39 42.6
MESA	MESA	86.13 16	P	P	21 39 28.8 +1.6
MA2	Magadan	86.13 343	LR	LR	22 16 00.3
SML	Sawmill	86.16 12	P	P	21 39 28.7 +1.6
BMRM	Bremner River	86.19 14	P	P	21 39 29.1 +1.8
TROLL	Troll, Antarti	86.19 179	P	P	21 39 30.1 +2.7
M23K	Glacier View	86.27 12	P	P	21 39 29.7 +2.1
CUT	Chulitna	86.35 11	P	P	21 39 29.1 +1.2
PNL	Peninsula	86.36 17	P	P	21 39 28.9 +0.8
SNA4	Sanae	86.37 177	P	P	21 39 31.3 +3.0
SNA4					21 39 29.8 +1.5
SNA4	Sanae	86.37 177	P	P	21 39 29.0 +0.7
SNA4					21 39 44.5
SCM	Sheep Creek Mo	86.38 13	P	P	21 39 30.1 +1.9
SCM					21 39 44.1
SCM	Sheep Creek Mo	86.38 13	P	P	21 39 30.3 +2.1
SCM					21 39 30.1 +1.9
VNA3	Neumayer Olymp	86.39 175	P	P	21 39 31.1 +2.8
IPM	Ipop	86.47 276	P	P	21 39 29.6 -0.2
IPM					21 39 31.6
K20K	Telida	86.62 9	P	P	21 39 30.7 +1.4
K20K					21 39 32.4
K20K	Telida	86.62 9	P	P	21 39 31.1 +1.8
N25K	Chitina, Valde	86.76 14	P	P	21 39 31.8 +1.7
VNA2	Neumayer-Watz	86.86 176	P	P	21 39 33.9 +3.3
M24K	Tolson, Glenn	86.86 13	P	P	21 39 32.4 +1.8
MCARA	McCarthy VSAT	86.92 15	P	P	21 39 32.5 +1.7
WAT6	Susitna Watana	86.98 12	P	P	21 39 32.5 +1.3
CAST	Castle Rocks	86.99 10	P	P	21 39 31.0 -0.1
CAST					21 39 32.7

CAST	Castle Rocks	86.99 10	P	P	21 39 31.3 +0.2
PLBC	Pleasant Camp	87.04 18	P	P	21 39 32.7 +1.3
WAT1	Watana	87.05 12	P	P	21 39 32.3 +0.9
VNA1	Neumayer-Stat	87.07 175	P	P	21 39 35.0 +3.4
KULM	Kulm	87.12 277	P	P	21 39 32.5 -0.3
KULM					21 39 34.5
CMIG	Matias Romero	87.15 70	LR	LR	22 11 49.7
KTH	Kantishna Hill	87.30 10	P	P	

ERM	Ermo	11.45 232	PN	Pn	22 00 07.9	-0.3
KLR	Kul'dur	15.31 277	P	P	22 01 03.9	+2.8
JSD	Sado	16.92 233	P	P	22 01 20.9	+2.0
MJAR	Matsushiro Arr	16.10 230	P	P	22 01 32.5	+0.7
BILL	Bilibino	19.16 13	P	P	22 01 42.5	-0.7
BILL	Bilibino	19.16 13	I|Amb	I|Amb	22 01 43.4	
BILL	Bilibino	19.16 13	I|P	I|P	22 01 42.9	-0.2
KSRS	Korea Array	23.18 248	P	P	22 02 25.0	-0.8
J20K	Novinta River	30.42 42	I|Amb	I|Amb	22 03 29.4	+1.3
J20K	Novinta River	30.42 42	I|Amb	I|Amb	22 03 30.2	
IMAR	Indian Mountain	30.50 39	P	P	22 03 31.1	0.0
H11N2	WAKE ISLAND Hy	31.35 159	T	T	22 36 55.5	
H11N1	WAKE ISLAND Hy	31.35 159	T	T	22 36 55.8	
H11N3	WAKE ISLAND Hy	31.35 159	T	T	22 36 55.9	
SOMM	Songino Array	31.84 286	P	P	22 03 41.2	-2.0
SOMM	Songino Array	31.84 286	P	P	22 06 31.5	-0.2
H23K	Yukon River	32.21 39	P	P	22 03 47.2	+1.0
TOLK	Toolik Lake Re	32.44 34	I|Amb	I|Amb	22 03 48.5	+0.3
TOLK	Toolik Lake Re	32.44 34	I|Amb	I|Amb	22 03 49.5	
H11S1	WAKE ISLAND Hy	32.47 160	T	T	22 38 22.4	
H11S3	WAKE ISLAND Hy	32.48 160	T	T	22 38 19.3	
H11S2	WAKE ISLAND Hy	32.48 160	T	T	22 38 23.9	
CCB	Clear Creek Bu	32.92 42	P	P	22 03 52.8	+0.4
CCB	Clear Creek Bu	32.92 42	I|Amb	I|Amb	22 04 13.8	
ILAR	Eielson Array	33.32 41	P	P	22 03 56.4	+0.6
PRP	Porcupine Dome	33.87 40	P	P	22 04 00.7	-0.1
BMAR	Burnt Mountain	34.23 37	P	P	22 04 04.7	+0.9
BCAR	Beaver Creek A	35.71 44	P	P	22 04 18.0	+1.5
INK	Inuvik	38.35 35	P	P	22 04 39.4	+0.8
INK	Inuvik	38.35 35	P	P	22 04 39.5	+0.8
INK	Inuvik	38.35 35	I|Amb	I|Amb	22 04 40.8	
ZALV	Zalesovo Beam	42.12 304	P	P	22 05 08.0	-1.9
ZALV	Zalesovo Beam	42.12 304	P	P	22 07 02.5	0.0
MK31	Makanchi Array	46.92 296	P	P	22 05 46.2	-2.0
MK31	Makanchi Array	46.92 296	P	P	22 05 46.2	-2.0
MK31	Makanchi Array	46.92 296	P	P	22 05 46.2	-2.0
MKAR	Makanchi Array	46.92 296	P	P	22 05 46.2	-2.0
MKAR	Makanchi Array	46.92 296	P	P	22 05 46.4	-1.9
MKAR	Makanchi Array	46.92 296	P	P	22 05 47.1	-1.5
KURK	Kurchatov	46.98 302	P	P	22 05 47.7	-0.9
KURK	Kurchatov	46.98 302	P	P	22 05 47.7	-0.9
KURB	Kurchatov Arra	47.07 302	P	P	22 06 15.7	+3.3
KURB	Kurchatov Arra	47.07 302	P	P	22 06 15.7	+3.3
KURB	Kurchatov Arra	47.07 302	P	P	22 06 15.7	+3.3
KURB	Kurchatov Arra	47.07 302	P	P	22 06 15.7	+3.3
YKA	Yellowknife Ar	47.67 39	P	P	22 05 54.8	+1.0
YKA	Yellowknife Ar	47.67 39	P	P	22 06 19.8	+2.4
BVAR	Borovoye Array	50.13 308	P	P	22 06 11.0	-1.7
BVAR	Borovoye Array	50.13 308	P	P	22 07 26.7	-3.9
BRVK	Borovoye	50.16 308	P	P	22 06 11.0	-2.0
BRVK	Borovoye	50.16 308	P	P	22 06 11.0	-2.0
PHRA	Phrae	53.67 255	P	P	22 06 39.9	+0.5
ARU	Arti	53.82 317	P	P	22 06 38.6	-1.4
ARU	Arti	53.82 317	P	P	22 06 38.2	-1.8
KRVT	Keravat (AS076)	53.90 184	P	P	22 06 42.9	+1.9
CMAR	Chiang Mai Arr	54.51 256	P	P	22 06 45.9	+0.4
ABKAR	Akbulak array	57.66 309	P	P	22 07 05.9	-1.6
ABKAR	Akbulak array	57.66 309	P	P	22 07 05.7	-1.8
ABKAR	Akbulak array	57.66 309	I|Amb	I|Amb	22 07 07.0	
AKTO	Aktyubinsk	57.84 311	P	P	22 07 06.8	-2.0
GAR	Garm	58.60 295	P	P	22 07 12.7	-1.7
GAR	Garm	58.60 295	I|Amb	I|Amb	22 07 14.1	
CHGR	Chuyangaron	59.51 295	P	P	22 07 19.0	-1.6
CHGR	Chuyangaron	59.51 295	I|Amb	I|Amb	22 07 20.2	
CHGR	Chuyangaron	59.51 295	P	P	22 07 19.0	-1.6
CHGR	Chuyangaron	59.51 295	P	P	22 07 19.0	-1.6
PDAR	Pinedale Array	61.83 56	P	P	22 07 37.9	+1.3
PDAR	Pinedale Array	61.83 56	P	P	22 08 02.8	+1.6
PDAR	Pinedale Array	61.83 56	P	P	22 07 38.2	+1.6
FINES	FINESS Array B	61.96 335	P	P	22 07 34.3	-2.5
FINES	FINESS Array B	61.96 335	P	P	22 07 34.3	-2.5
FINES	FINESS Array B	61.96 335	P	P	22 07 34.3	-2.5
FINES	FINESS Array B	61.96 335	P	P	22 07 34.3	-2.5
NB2	NORSAR Subarra	65.87 342	P	P	22 08 01.2	-1.2
NOA	NORSAR Array B	65.87 342	P	P	22 08 01.0	-1.4
GEYT	Alibeck	66.33 301	P	P	22 08 04.0	-1.8
GEYT	Alibeck	66.33 301	I|Amb	I|Amb	22 08 28.4	
GYA0B	ALIBECK ARRAY	66.33 301	P	P	22 08 04.5	-1.3
GYA0B	ALIBECK ARRAY	66.33 301	I|Amb	I|Amb	22 08 28.3	
KBZ	Khabaz	69.83 314	P	P	22 08 26.6	-0.9
AKASG	Malin Array Be	69.87 327	P	P	22 08 25.2	-2.4
SCHO	Schefferville	69.99 24	P	P	22 08 28.4	+0.1
SCHO	Schefferville	69.99 24	P	P	22 08 28.2	-0.1
SCHO	Schefferville	69.99 24	I|Amb	I|Amb	22 08 34.0	
WRA	Warramunga Arr	71.82 201	P	P	22 08 40.1	+0.4
WRA	Warramunga Arr	71.82 201	P	P	22 09 06.0	+1.1
BUR08	Bucovina Ar. S	73.87 327	P	P	22 08 50.8	-1.0
BURAR	Bucovina Array	73.89 327	P	P	22 08 50.3	-1.6
KRLC	Kraliky	74.42 334	P	P	22 09 02.7	+7.9
KRLC	Kraliky	74.42 334	eP	P	22 09 02.7	+7.9

TX31	Lajitas Ar. Si	74.78 63	P	I|Amb	22 08 56.6	+1.3
TX31	Lajitas Ar. Si	74.78 63	P	I|Amb	22 09 07.0	
TXAR	Lajitas Array	74.78 63	P	P	22 08 58.9	+1.5
TXAR	Lajitas Array	74.78 63	P	P	22 09 25.1	+2.3
TXAR	Lajitas Array	74.78 63	P	P	22 08 58.6	+1.3
ASAR	Nice Array	75.51 200	P	P	22 09 05.9	-0.3
ASAR	Nice Array	75.51 200	P	P	22 09 29.4	+2.7
KHC	Kasperske Hory	76.17 335	eP	x	22 09 05.5	+0.7
KHC	Kasperske Hory	76.17 335	eP	x	22 09 10.1	
KHC	Kasperske Hory	76.17 335	eP	x	22 09 05.5	+0.7
KHC	Kasperske Hory	76.17 335	eP	x	22 09 10.1	
ALLAP	Allaport, All	76.21 29	P	P	22 09 05.3	+0.3
GERES	GERESS Array B	76.39 335	P	P	22 09 05.3	-0.9
GERES	GERESS Array B	76.39 335	P	P	22 09 05.3	-0.9
GERES	GERESS Array B	76.39 335	P	P	22 09 05.1	-1.1
GERES	GERESS Array B	76.39 335	P	P	22 09 06.3	-0.2
CONA	Conrad Observa	76.61 333	eP	P	22 09 13.0	+5.5
UOSS	UOSS	76.94 293	P	I|Amb	22 09 08.5	-1.0
UOSS	UOSS	76.94 293	P	I|Amb	22 09 30.3	
BATG	Bathurst New B	76.96 28	P	P	22 09 09.7	+0.4
SOKA	Soboth	77.99 333	eP	P	22 09 18.4	+3.3
KBA	Koelbrenspers	78.11 335	eP	P	22 09 16.9	+1.0
WTTA	Wattenberg	78.36 36	eP	P	22 09 18.8	+1.3
LMS	Caledonia Moun	78.62 27	P	P	22 09 18.6	+0.1
DIVS	Divibare	78.74 329	I|Amb	I|Amb	22 09 18.8	
VTS	Vitosh	78.91 326	P	P	22 09 19.4	-0.9
VTS	Vitosh	78.91 326	P	P	22 09 19.4	-0.9
RDO	Rodhopi	79.33 324	P	I|Amb	22 09 21.2	-1.2
RDO	Rodhopi	79.33 324	P	I|Amb	22 09 45.0	
FUON	Ofenpass-Fuon	79.36 336	P	I|Amb	22 09 23.3	+0.4
FUON	Ofenpass-Fuon	79.36 336	P	I|Amb	22 09 26.3	
PDG	Podgorica	80.47 329	P	I|Amb	22 09 27.6	-1.0
PDG	Podgorica	80.47 329	P	I|Amb	22 09 28.5	
SGRT	San Giovanni R	82.23 331	P	I|Amb	22 09 36.6	-1.4
SGRT	San Giovanni R	82.23 331	P	I|Amb	22 10 04.9	
SCTE	Santa Cesarea	82.84 328	P	P	22 09 40.0	-1.0
ITM	Ithomi	84.16 324	P	P	22 09 46.1	-1.7
RAYN	Ar Rayn	84.25 300	P	I|Amb	22 09 48.0	-0.7
RAYN	Ar Rayn	84.25 300	P	I|Amb	22 09 48.9	
RAYN	Ar Rayn	84.25 300	P	P	22 09 48.0	-0.7
RAYN	Ar Rayn	84.25 300	P	P	22 09 48.0	-0.7
IDI	Anoyia	84.64 321	P	P	22 09 48.0	-2.4
ESDC	Sonessa Array	89.12 344	P	P	22 10 10.5	-1.6
PAB	San Pablo	89.31 344	P	I|Amb	22 10 11.5	-1.5
PAB	San Pablo	89.31 344	P	I|Amb	22 10 20.1	
PAB	San Pablo	89.31 344	P	P	22 10 11.5	-1.5
PAB	San Pablo	89.31 344	P	P	22 10 11.5	-1.5
KEST	Kesra	89.72 333	P	P	22 10 14.6	-0.4
SKHL	SKHL 14 22:26:19.1±0.5, 45.70N; 153.10E, h36km±4km, mb4.5/2					
IDC	IDC 14 22:26:22.7±8.3, 46.84N; 152.60E, h75km±84km, mb3.3/10, mbtmp3.6/11, ML3.5/1, Error ellipse: s-maj=84.3km					
ISC	ISC 14 22:26:22.6±1.3, 46.33N; 02°15'25"E; 0.1, h100km, n24, +94.11m, mb3.3/4/11, Kuril Islands					
KUR	Kuril'sk	3.44 254	eP	Pn	22 27 14.4	+0.3
KUR	Kuril'sk	3.44 254	eP	Pn	22 27 16.1	
KUR	Kuril'sk	3.44 254	eP	Pn	22 27 55.5	+1.5
KUR	Kuril'sk	3.44 254	eP	Pn	22 28 04.9	
KUR	Kuril'sk	3.44 254	eP	Pn	22 28 04.9	
YUK	Yuzh-Kuril'sk	5.23 247	eP	Pn	22 27 37.9	-0.5
YUK	Yuzh-Kuril'sk	5.23 247	eP	Pn	22 27 38.6	
YUK	Yuzh-Kuril'sk	5.23 247	eP	Pn	22 28 36.4	-1.0
YUK	Yuzh-Kuril'sk	5.23 247	eP	Pn	22 28 36.9	
YUK	Yuzh-Kuril'sk	5.23 247	eP	Pn	22 28 36.9	
NMR	Nemuro-Hokkai	5.66 241	eP	Pn	22 27 43.6	-0.6
NMR	Nemuro-Hokkai	5.66 241	eP	Pn	22 28 47.4	-0.3
USRK	Ussuriysk Ar.	14.62 269	P	P	22 29 47.6	-0.3
H11N2	WAKE ISLAND Hy	29.01 151	T	T	23 03 34.7	
H11N1	WAKE ISLAND Hy	29.02 151	T	T	23 03 43.6	
H11N3	WAKE ISLAND Hy	29.02 151	T	T	23 03 37.5	
H11S1	WAKE ISLAND Hy	30.08 152	T	T	23 05 06.2	
H11S3	WAKE ISLAND Hy	30.09 152	T	T	23 05 02.1	
H11S2	WAKE ISLAND Hy	30.10 152	T	T	23 05 17.1	
SOMM	Songino Array	31.11 290	P	P	22 32 38.0	+6.5
ILAR	Eielson Array	37.15 38	P	P	22 33 21.2	-2.1
ZALV	Zalesovo Beam	42.55 306	P	P	22 34 07.5	-0.6
MKAR	Makanchi Array	46.80 297	P	P	22 34 42.2	+0.3
KURB	Kurchatov Arra	47.37 304	P	P	22 34 46.4	+0.1
FINES	FINESS Array B	64.28 335	P	P	22 36 46.7	0.0
PDAR	Pinedale Array	65.34 53	P	P	22 36 55.5	+1.3
NOA	NORSAR Array B	65.83 341	P	P	22 37 14.3	+0.4
HFS	Hagfors	67.74 339	P	P	22 37 15.0	-0.2
AKASG	Malin Array Be	71.70 326	P	P	22 37 33.9	+0.5
TXAR	Lajitas Array	78.06 60	P	P	22 38 11.2	+0.7
H03N2	Juan Fernandez	139.15 90	T	T	01 20 57.5	
H03N1	Juan Fernandez	139.16 90	T	T	01 21 01.1	
H03N3	Juan Fernandez	139.16 90	T	T	01 21 03.6	
IDC	IDC 14 22:48:22.1±1.3, 9.13S; 159°25'E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=51.5km s-min=22.5km az=22.0, Bougainville-Solomon Islands region					

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
HNR	Honiara	0.76 114	Op Pn	22 48 40.2	+0.1		
HNR	Honiara	0.76 114	Op Pn	22 48 59.5	+7.2		
WRA	Warramunga Arr	26.36 243	P	22 54 00.3</			

14d 23h

Table with columns for station ID, name, type, and coordinates. Includes stations like T1245, GUMA, and MURB.

2016 DEC

Table with columns for station ID, name, type, and coordinates. Includes stations like SMA1, ARVD, and MURB.

1048

Table with columns for station ID, name, type, and coordinates. Includes stations like ZHN, KURS, and MURB.

SOME 14 22:51:02.3, 41.45N-83.62E, h5km
NNC 14 22:51:06.1 ± 1.0, 41.50N-83.50E, h0km, mb4.0, mpv3.7,
Error ellipse: s-maj=8.8km s-min=5.6km az=176.0
ISC 14 22:51:10.4±2.2, 41.7N:0.1±3.39E:0.07, h10km, n38,

14 22:51:06.1±3.39E:0.07, h10km, n38,
14 22:51:06.1±3.39E:0.07, h10km, n38,

IDC 14 23:29:21.4±15.0, 5.39N:96.19E, h0km, mb3.5/3,
mbtmp3.5/3, MS3.8/2, Error ellipse: s-maj=527.1km
az=176.0
DJA 14 23:29:24.1±0.9, 5.5N:96.19E, h10km, M3.4/6, Mjma3.5/6,
ML3.5/6, MLV3.4/6, Ms(BB)3.2/6

ISC 14 23:29:22.6±1.4, 5.34N:0.09, 96.04E:0.09, h10km, n12,
14 23:29:22.6±1.4, 5.34N:0.09, 96.04E:0.09, h10km, n12,

14 23:29:22.6±1.4, 5.34N:0.09, 96.04E:0.09, h10km, n12,
14 23:29:22.6±1.4, 5.34N:0.09, 96.04E:0.09, h10km, n12,

IDC 14 23:30:04.7±2.3, 59.83N:19.30E, h0km, mbtmp2.9/3,
ML1.0/2, Error ellipse: s-maj=33.4km s-min=8.2km
az=176.0
UPP 14 23:30:04.5±0.1, 59.87N:19.38E, h0km, ML2.0, Explosion
HEL 14 23:30:05.4±0.1, 59.88N:19.36E, h0km, ML1.6,
ML2.0(UPP), Explosion

ISC 14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,
14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,

14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,
14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,

IDC 14 23:30:04.7±2.3, 59.83N:19.30E, h0km, mbtmp2.9/3,
ML1.0/2, Error ellipse: s-maj=33.4km s-min=8.2km
az=176.0
UPP 14 23:30:04.5±0.1, 59.87N:19.38E, h0km, ML2.0, Explosion
HEL 14 23:30:05.4±0.1, 59.88N:19.36E, h0km, ML1.6,
ML2.0(UPP), Explosion

ISC 14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,
14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,

14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,
14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,

IDC 14 23:30:04.7±2.3, 59.83N:19.30E, h0km, mbtmp2.9/3,
ML1.0/2, Error ellipse: s-maj=33.4km s-min=8.2km
az=176.0
UPP 14 23:30:04.5±0.1, 59.87N:19.38E, h0km, ML2.0, Explosion
HEL 14 23:30:05.4±0.1, 59.88N:19.36E, h0km, ML1.6,
ML2.0(UPP), Explosion

ISC 14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,
14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,

14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,
14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,

IDC 14 23:30:04.7±2.3, 59.83N:19.30E, h0km, mbtmp2.9/3,
ML1.0/2, Error ellipse: s-maj=33.4km s-min=8.2km
az=176.0
UPP 14 23:30:04.5±0.1, 59.87N:19.38E, h0km, ML2.0, Explosion
HEL 14 23:30:05.4±0.1, 59.88N:19.36E, h0km, ML1.6,
ML2.0(UPP), Explosion

ISC 14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,
14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,

14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,
14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,

IDC 14 23:30:04.7±2.3, 59.83N:19.30E, h0km, mbtmp2.9/3,
ML1.0/2, Error ellipse: s-maj=33.4km s-min=8.2km
az=176.0
UPP 14 23:30:04.5±0.1, 59.87N:19.38E, h0km, ML2.0, Explosion
HEL 14 23:30:05.4±0.1, 59.88N:19.36E, h0km, ML1.6,
ML2.0(UPP), Explosion

ISC 14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,
14 23:30:02.8±0.8, 59.92N:0.03, 19.39E:0.02, h0km, n32,

15d Oh

Table of station data for 15d Oh, including columns for station name, frequency, power, and other technical details.

2016 DEC

Table of station data for 2016 DEC, including columns for station name, frequency, power, and other technical details.

1050

Table of station data for 1050, including columns for station name, frequency, power, and other technical details.

15d Oh

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like HDA, LYN, CCB, BJT, SRIT, H21K, M29M, etc.

2016 DEC

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like HSSD, HHC, H23K, E25K, KMI, EPYK, NNA, etc.

1052

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like VRH, OBN, LPSR, VORR, VSR, NB2, NOA, SHTL, etc.

CLL	Collm	150.06 350	iPKP	PKPab	00 38 41.2 +1.3
CLL	Collm	150.06 350	eSKPdf	SKPdf	00 42 04.0 +3.2
CLL	Collm	150.06 350	eSPKS		00 52 24.0
CLL	Collm	150.06 350	eSSS	SS	01 24 24.0 +1.7
CLL	Collm	150.06 350	eSSS	SSS	01 01 12.0 +0.3
CFR	Carcaliu	150.07 326	PKP	PKPab	00 38 35.0 -0.1
CFR	Carcaliu	150.07 326	PKP	PKPp	00 38 35.0
PANC	Panciu	150.08 328	PKP	PKPab	00 38 35.3 +0.2
CRVS	Cervenica-Dubn	150.09 338	ePKP	PKPab	00 38 35.4 +0.3
CRVS	Cervenica-Dubn	150.09 338	ePKP	PKPp	00 38 35.4
TPGR	Topolog	150.14 325	PKP	PKPab	00 38 35.6 +0.3
OSTV	Ostias	150.14 346	ePKP	PKPab	00 38 35.2 0.0
UPC	Upice	150.23 346	ePKP	PKPab	00 38 35.5 +0.2
UPC	Upice	150.23 346	ePKPAB	sPKPdf	00 38 41.9 +0.4
UPC	Upice	150.23 346	ePKHKK	PKPp	00 38 35.5
VRI	Vrincioia	150.29 329	PKP	PKPab	00 38 35.4 -0.2
VRI	Vrincioia	150.29 329	PKP	PKPp	00 38 35.4
DPC	Dobruska-Polom	150.31 345	ePKP	PKPab	00 38 35.6 +0.1
DPC	Dobruska-Polom	150.31 345	ePKPAB	PKPp	00 38 41.0 0.0
DPC	Dobruska-Polom	150.31 345	ePKHKK	PKPp	00 38 35.6
OKC	Ostrava-Krasne	150.31 343	ePKP	PKPab	00 38 35.4 -0.1
OKC	Ostrava-Krasne	150.31 343	ePKPAB	pPKPbc	00 38 43.9 +0.2
OKC	Ostrava-Krasne	150.31 343	ePKHKK	PKPp	00 38 35.4
BRG	Berggiesshubel	150.31 349	Amp		00 38 43.9
BRG	Berggiesshubel	150.31 349	ePKP	PKPab	00 38 29.7 +0.3
BRG	Berggiesshubel	150.31 349	i	PKPdf	00 38 35.6
BRG	Berggiesshubel	150.31 349	pmax	pmax	00 38 41.0
BRG	Berggiesshubel	150.31 349	pmax	pmax	00 38 41.0
BRG	Berggiesshubel	150.31 349	pmax	pmax	00 38 41.0
BRG	Berggiesshubel	150.31 349	ePKP	PKPab	00 38 29.8 +0.3
BRG	Berggiesshubel	150.31 349	Amp		00 38 31.0
BRG	Berggiesshubel	150.31 349	i	x	00 38 35.6
BRG	Berggiesshubel	150.31 349	Amp		00 38 37.0
BRG	Berggiesshubel	150.31 349	x		00 38 35.6
BRG	Berggiesshubel	150.31 349	Amp		00 38 37.0
BLR	Blostina	150.34 329	PKP	PKPab	00 38 48.7
BLR	Blostina	150.34 329	PKP	PKPp	00 38 35.0 -0.7
PLOR	Plotina	150.34 329	PKP	PKPp	00 38 35.0
EMR	Baia Mare	150.35 334	PKP	PKPab	00 38 35.4 +0.8
EMR	Baia Mare	150.35 334	PKP	PKPp	00 38 35.4
TRPA	Tarpa	150.35 336	PKP	PKPab	00 38 35.7 0.0
TRPA	Tarpa	150.35 336	PKP	PKPp	00 38 35.6 0.0
ANTO	Ankara	150.39 313	PKP	PKPab	00 38 36.4 +0.3
ANTO	Ankara	150.39 313	PKP	PKPp	00 38 36.4
TIRR	Tirgusor	150.41 325	PKP	PKPab	00 38 36.0 +0.1
TIRR	Tirgusor	150.41 325	PKP	PKPp	00 38 36.0
KRLC	Kraliky	150.45 345	ePKP	PKPab	00 38 36.2 +0.3
KRLC	Kraliky	150.45 345	ePKPAB	PKPp	00 38 41.2 -0.4
KRLC	Kraliky	150.45 345	ePKP	PKPab	00 38 36.2 +0.3
KRLC	Kraliky	150.45 345	ePKP	PKPp	00 38 41.2
ARC	ARCALIA	150.46 333	PKP	PKPab	00 38 35.8 -0.2
ARC	ARCALIA	150.46 333	PKP	PKPp	00 38 36.4 +0.4
HARR	Harsova	150.51 326	PKP	PKPab	00 38 36.4 +0.4
HARR	Harsova	150.51 326	PKP	PKPp	00 38 36.4 +0.4
PVCC	Panska Ves	150.52 348	ePKP	PKPab	00 38 36.5 +0.6
PVCC	Panska Ves	150.52 348	ePKP	PKPp	00 38 36.5 +0.6
BISRA	Bisoca	150.53 328	PKP	PKPab	00 38 37.0 +0.8
MORC	Moravsky Berou	150.53 343	PKP	PKPp	00 38 36.2 -0.7
MORC	Moravsky Berou	150.53 343	ePKP	PKPab	00 38 36.0 0.0
MORC	Moravsky Berou	150.53 343	ePKP	PKPp	00 38 29.2 -0.7
MORC	Moravsky Berou	150.53 343	PKP	PKPp	00 38 37.6 +1.5
LANS	Liptovska Anna	150.54 340	ePKP	PKPab	00 38 37.7 +1.6
LANS	Liptovska Anna	150.54 340	ePKP	PKPp	00 38 37.7 +1.6
COVR	Voineasa-Covas	150.57 330	PKP	PKPab	00 38 36.8 +0.5
COVR	Voineasa-Covas	150.57 330	PKP	PKPp	00 38 36.8 +0.5
ABAH	Abaujker	150.69 338	PKP	PKPab	00 38 37.2 +0.9
MAUC	Maruska	150.83 343	ePKP	PKPab	00 38 37.2 +0.6
DOPR	Dopca	150.85 330	PKP	PKPab	00 38 37.7 +0.9
MLR	Muntele Rosu	150.94 329	PKP	PKPab	00 38 37.1 0.0
MLR	Muntele Rosu	150.94 329	PKP	PKPp	00 38 37.1 0.0
MLR	Muntele Rosu	150.94 329	PKP	PKPp	00 38 36.4 -0.2
MLR	Muntele Rosu	150.94 329	PKP	PKPp	00 38 37.1 0.0
MLR	Muntele Rosu	150.94 329	PKP	PKPp	00 38 38.2 +0.7
MESR	Mesezent	151.04 347	ePKP	PKPab	00 38 37.6 +0.7
PRU	Pruhonice	151.04 347	ePKPAB	pPKPbc	00 38 37.2 +0.2
PRU	Pruhonice	151.04 347	ePKP	PKPab	00 38 41.3
PRU	Pruhonice	151.04 347	ePKP	PKPp	00 38 37.0 +0.9
GOPC	GO Pecny, Ondr	151.06 347	ePKP	PKPab	00 38 37.0 0.0
GOPC	GO Pecny, Ondr	151.06 347	ePKP	PKPp	00 38 37.1 0.0
CJR	Cluj-Napoca	151.07 333	PKP	PKPab	00 38 37.9 +0.6
CJR	Cluj-Napoca	151.07 333	PKP	PKPp	00 38 37.9 +0.6
MDJB	Mudurnu	151.17 316	PKP	PKPp	00 38 36.2 -0.9
NKC	Novy Kostel	151.19 350	ePKP	PKPab	00 38 37.4 +0.1
NKC	Novy Kostel	151.19 350	ePKPAB	PKPp	00 38 45.4 -0.4
NKC	Novy Kostel	151.19 350	ePKP	PKPab	00 38 37.4 +0.1
NKC	Novy Kostel	151.19 350	ePKP	PKPp	00 38 45.4
VRAC	Vranov	151.21 344	ePKP	PKPab	00 38 37.6 +0.2
VRAC	Vranov	151.21 344	ePKP	PKPp	00 38 37.6 +0.2
SECR	Secir	151.23 328	PKP	PKPab	00 38 37.7 +0.2
LEHL	Lehlu	151.23 328	PKP	PKPab	00 38 38.3 +0.8
MARR	Marisel-Cluj	151.30 333	PKP	PKPab	00 38 38.6 +0.8
VYHS	Vyhne	151.31 341	ePKP	PKPab	00 38 37.9 +0.5
VYHS	Vyhne	151.31 341	ePKP	PKPp	00 38 46.5 +2.5
VYHS	Vyhne	151.31 341	ePKP	PKPp	00 38 37.9
VYHS	Vyhne	151.31 341	ePKP	PKPp	00 38 36.5 -2.5
PLAR	Plouesti	151.32 328	PKP	PKPab	00 38 37.8 +0.1
JAVC	Velka Javorina	151.33 342	ePKP	PKPab	00 38 39.1 +1.4
DRGR	Dragar	151.38 334	PKP	PKPab	00 38 38.4 +0.3
DRGR	Dragar	151.38 334	PKP	PKPp	00 38 38.2 +0.3
VOIR	Voivodina	151.41 330	PKP	PKPab	00 38 38.9 +0.9
VOIR	Voivodina	151.41 330	PKP	PKPp	00 38 38.9 +0.9
MEM	Membach	151.41 359	ePKP	PKPab	00 38 37.1 -0.6
BTEL	Bernell	151.43 358	ePKP	PKPab	00 38 36.9 -0.5
BSTI	Sart Tilman	151.47 352	ePKP	PKPab	00 38 48.4 +0.5
PSZ	Piszkesteto	151.48 339	PKP	PKPab	00 38 47.2 +1.3
PSZ	Piszkesteto	151.48 339	PKP	PKPp	00 38 38.8 +0.7
KRUC	Krokovsky	151.48 344	ePKP	PKPab	00 38 38.8 +0.7
TREC	Trest	151.49 346	ePKP	PKPab	00 38 38.1 +0.1
TREC	Trest	151.49 346	ePKP	PKPp	00 38 38.1 +0.1
BCLA	Clavier	151.61 360	ePKP	PKPab	00 38 36.7 -1.0
BGES	Gesves	151.64 360	ePKP	PKPab	00 38 38.4 +0.1
ARR	Arges	151.65 330	PKP	PKPab	00 38 39.7 +1.2
BHOU	Houvezne	151.66 359	ePKP	PKPab	00 38 39.5 +1.2
BHOU	Houvezne	151.66 359	ePKP	PKPp	00 38 47.5 +0.6
BHOU	Houvezne	151.66 359	ePKP	PKPp	00 38 38.4 +0.5
RECH	Rechov	151.87 360	ePKP	PKPab	00 38 38.7 0.0
MODS	Modra-Piesok	151.88 342	ePKP	PKPab	00 38 39.9 +1.1
MODS	Modra-Piesok	151.88 342	ePKP	PKPp	00 38 39.9 +1.1
DOU	Dourbes	151.91 311	ePKP	PKPab	00 38 38.4 -0.5
EILU	Elat	152.01 292	ePKP	PKPab	00 38 40.2 +0.6
EILU	Elat	152.01 292	ePKP	PKPp	00 38 40.2 +0.6
DEV	Deva	152.02 333	PKP	PKPab	00 38 39.1 -0.1
DEV	Deva	152.02 333	PKP	PKPp	00 38 39.1 -0.1
KHC	Kasperske Hory	152.05 348	ePKP	PKPab	00 38 39.3 +0.1
KHC	Kasperske Hory	152.05 348	ePKP	PKPp	00 38 42.7 +1.4
KHC	Kasperske Hory	152.05 348	ePKP	PKPp	00 38 42.7 +1.4
KHC	Kasperske Hory	152.05 348	ePKP	PKPp	00 38 39.3 +0.1
KHC	Kasperske Hory	152.05 348	ePKP	PKPp	00 38 42.7
KHC	Kasperske Hory	152.05 348	ePKP	PKPp	00 38 49.2
ZST	Bratislava	152.09 343	ePKP	PKPab	00 38 40.4 +1.2
ZST	Bratislava	152.09 343	ePKP	PKPp	00 38 40.4 +1.2
HUMR	Humele	152.11 328	PKP	PKPab	00 38 39.8 +0.3
CKRC	Cesky Krumlov	152.20 347	PKP	PKPab	00 38 40.3 +0.7
SIRR	Siria	152.22 335	PKP	PKPab	00 38 40.2 +0.5
COPA	Copaceanca	152.28 328	PKP	PKPab	00 38 40.1 +0.3
GERES	GERESS Array B	152.30 348	PKP	PKPp	00 38 40.1 +0.3
GERES	GERESS Array B	152.30 348	PKP	PKPp	00 38 35.3 +2.7
WLF	Walferdange	152.35 358	ePKP	PKPab	00 38 40.5 +0.8
WLF	Walferdange	152.35 358	ePKP	PKPp	00 38 40.5 +0.8
SURR	Surduc	152.45 333	PKP	PKPab	00 38 40.4 +0.4
GZR	Gura Zlata	152.47 332	PKP	PKPab	00 38 40.1 -0.1
GZR	Gura Zlata	152.47 332	PKP	PKPp	00 38 43.4 +0.5
CSKK	Cskato	152.50 334	PKP	PKPab	00 38 42.8 +2.7
CONA	Conrad Observa	152.67 344	ePKP	PKPab	00 38 41.6 +1.0
CONA	Conrad Observa	152.67 344	ePKP	PKPp	00 38 41.6 +1.0
RONA	Rosalia, Austr	152.76 343	PKP	PKPab	00 38 41.5 +0.8
BZS	Buzias	152.77 334	PKP	PKPab	00 38 40.8 +0.1
BZS	Buzias	152.77 334	PKP	PKPp	00 38 40.8 +0.1
MPLH	Magyarpolny	152.99 341	PKP	PKPab	00 38 41.8 +0.9
HERR	Herculanu	153.03 332	PKP	PKPab	00 38 41.6 +0.3

PLVB	Pleven	153.12 327	PKP	PKPab	00 38 41.9 +0.4
MOA	Molin	153.12 346	ePKP	PKPab	00 38 54.4 +1.6
DJES	Djerdap	153.15 332	PKP	PKPab	00 38 44.7 +3.1
BAR	Banloc	153.16 334	PKP	PKPab	00 38 42.3 +0.8
MORH	Mirny, Hungar	153.38 339	PKP	PKPab	00 38 42.0 +0.3
MORH	Mirny, Hungar	153.38 339	PKP	PKPp	00 38 38.5 -3.4
ARSA	Arzberg	153.38 344	ePKP	PKPab	00 38 55.0 +1.1
MDVR	Moldova	153.41 333	PKP	PKPab	00 38 42.6 +0.5
BIOA	Bad Ischl, Aus	153.41 347	ePKP	PKPab	00 38 55.3 +1.3
KOV	Kovogototski	153.67 339	PKP	PKPab	00 38 43.4 +0.8
SOKA	Soboth	154.04 344	i	PKPab	00 38 57.8 +1.0
SOKA	Reutte	154.12 351	PKP	PKPab	00 38 43.8 +0.2
WTTA	Wattenberg	154.20 350	ePKP	PKPab	00 38 44.4 +0.5
MOTA	Moosalm	154.21 350	ePKP	PKPab	00 38 36.1 +0.5
SQTA	Sankt Quirin	154.31 350	ePKP	PKPab	00 38 44.6 +0.6
OBKA	Obir	154.32 45	i	PKPab	00 38 58.5 +0.5
VTS	Vitosh	154.38 328	PKP	PKPab	00 38 52.3 -6.2
DAVA	Damuels	154.44 352	ePKP	PKPab	00 38 45.9 +1.6
ABTA	Abtatsbach	154.54 348	ePKP	PKPab	00 38 36.5 +0.5
FETA	Feichten	154.58 351	ePKP	PKPab	00 38 39.2 +3.0
PRED	Cave del Predi	154.61 346	PKP	PKPab	00 38 58.6 -0.6
DIVS	Divvare	154.68 334	PKP	PKPab	00 38 36.0 -0.3
CLUD	Cludinici	154.74 347	PKP	PKPab	00 38 35.7 -0.5
CLUD	Cludinici	154.74 347	PKP	PKPp	00 38 57.3 +0.4
STAL	STALIGAL	154.97 347	PKP	PKPab	00 38 36.2 -0.3
FUORN	Ofenpass-Fuorn	155.04 351	PKP	PKPab	00 38 37.0 +0.1
IDI	Idro	155.11 312	PKP	PKPab	00 39 14.2 -0.4
ESDC	Anseca Array	160.78 21	PKP	PKPab	00 38 43.1 -0.8
ESDC	Anseca Array	160.78 21	PKP	PKPp	00 39 26.1 +0.1

15d 0h

T0110	Collepietro	0.50	131	↑P	Pg	00 31 12.3	-0.3
T0110				S	Sb	00 31 20.9	+0.3
T0110	comp=E,3975µm,0.6s			AML	AML		
T0110	comp=N,3325µm,1.2s			AML	AML		
GUMA	Gualdo di Mace	0.51	6	↑P	Pg	00 31 12.6	-0.2
GUMA				S	Sb	00 31 20.9	0.0
GUMA	comp=E,24350µm,0.3s			AML	AML		
GUMA	comp=N,20750µm,1.1s			AML	AML		
GUMA	comp=N,21300µm,0.6s			AML	AML		
GUMA	comp=N,20700µm,1.1s			AML	AML		
GUMA	comp=E,25900µm,0.4s			AML	AML		
CESX	Cesi	0.51	276	↑P	Pg	00 31 12.2	-0.6
CESX				S	Sb	00 31 19.9	-0.9
CESX	comp=E,3120µm,1.5s			AML	AML		
CESX	comp=N,3145µm,0.3s			AML	AML		
CESI	CESI - Serrava	0.52	329	↑P	Pg	00 31 12.7	-0.4
CESI				S	Sg	00 31 20.5	+0.5
CESI	comp=N,4595µm,1.0s			AML	AML		
CESI	comp=N,2460µm,0.3s			AML	AML		
T1219	Muccia, Frazio	0.54	339	↑P	Pg	00 31 12.8	-0.5
T1219				S	Sg	00 31 21.0	+0.6
T1219	comp=N,5065µm,0.2s			AML	AML		
T1219	comp=E,4090µm,0.2s			AML	AML		
T1219	comp=E,3720µm,0.2s			AML	AML		
T1219	comp=E,4085µm,0.2s			AML	AML		
T1219	comp=N,4725µm,1.0s			AML	AML		
T1219	comp=N,5065µm,0.2s			AML	AML		
CSP1	Cessapalombo	0.54	355	↑P	Pg	00 31 12.8	-0.5
CSP1				S	Sg	00 31 21.0	+0.5
CSP1	comp=E,4795µm,0.3s			AML	AML		
CSP1	comp=N,4660µm,0.3s			AML	AML		
TRTR	Tortoreto Alta	0.54	62	P	Pb	00 31 13.9	-0.1
TRTR				S	Sn	00 31 23.9	-1.0
TRTR	comp=N,6795µm,0.3s			AML	AML		
TRTR	comp=E,8160µm,0.4s			AML	AML		
PTQR	Pietraquaria	0.54	169	↓P	Pg	00 31 12.9	-0.5
PTQR				S	Sg		
PTQR	comp=N,492µm,0.8s			AML	AML		
PTQR	comp=E,474µm,0.8s			AML	AML		
MOMA	Monte Martano	0.57	296	↓P	Pg	00 31 13.6	-0.4
MOMA				S	Sg		
MOMA	comp=N,7465µm,0.2s			AML	AML		
MOMA	comp=E,8310µm,0.3s			AML	AML		
MOMA	comp=N,8105µm,0.2s			AML	AML		
MOMA	comp=E,8315µm,0.3s			AML	AML		
MOMA	comp=E,8135µm,0.3s			AML	AML		
SEF1	Sefro	0.64	338	P	Pg	00 31 14.7	-0.5
SEF1				S	Sb	00 31 24.4	-0.1
SEF1	comp=E,4915µm,0.2s			AML	AML		
SEF1	comp=N,4970µm,0.2s			AML	AML		
CERT	Cerreto	0.64	199	↑P	Pg	00 31 14.6	-0.7
CERT				S	Sg		
CERT	comp=E,1710µm,0.4s			AML	AML		
CERT	comp=N,1135µm,0.7s			AML	AML		
SRES	S.Oreste - Sor	0.64	241	↓P	Pg	00 31 15.0	-0.3
SRES				S	Sb	00 31 25.6	+1.0
SRES	comp=E,873µm,1.6s			AML	AML		
SRES	comp=N,1105µm,0.4s			AML	AML		
MTCE	Montecelio	0.66	216	↑P	Pg	00 31 14.8	-0.8
MTCE				S	Sn	00 31 27.9	0.0
MTCE	comp=N,801µm,1.3s			AML	AML		
MTCE	comp=E,1295µm,0.7s			AML	AML		
ASSB	Assisi San Ben	0.66	318	↑P	Pg	00 31 14.9	-0.7
ASSB				S	Sg	00 31 24.9	+0.5
ASSB	comp=N,3025µm,0.2s			AML	AML		
ASSB	comp=N,2950µm,0.5s			AML	AML		
GAG1	Gagliole	0.70	348	↑P	Pg	00 31 16.1	-0.3
GAG1				S	Sb	00 31 26.9	+0.7
GAG1	comp=N,4795µm,0.3s			AML	AML		
GAG1	comp=E,4775µm,0.9s			AML	AML		
INTR	Introdacqua	0.72	139	↑P	Pg	00 31 16.0	-0.8
INTR				S	Sg		
INTR	comp=E,944nm,1.0s			AML	AML		
INTR	comp=N,938nm,0.6s			AML	AML		
INTR	comp=E,944nm,1.0s			AML	AML		
INTR	comp=E,890µm,1.1s			AML	AML		
INTR	comp=N,938nm,0.6s			AML	AML		
INTR	comp=N,1445µm,0.6s			AML	AML		
VVLD	Villa Vallelon	0.73	159	↑P	Pb	00 31 17.1	-0.3
VVLD				S	Sg		
VVLD	comp=N,1026µm,0.6s			AML	AML		
VVLD	comp=E,552µm,0.9s			AML	AML		
SNTG	Esanatoglia	0.74	341	↓P	Pg	00 31 16.4	-0.7
SNTG				S	Sb	00 31 27.9	+0.4
SNTG	comp=E,1063µm,0.4s			AML	AML		
SNTG	comp=N,1375µm,0.6s			AML	AML		
SNTG	comp=E,1042µm,0.6s			AML	AML		
SNTG	comp=N,1455µm,0.6s			AML	AML		
SNTG	comp=E,1063µm,0.3s			AML	AML		
GUAR	Guarino	0.76	177	↑P	Pn	00 31 18.6	-0.6
GUAR				S	Sg		
GUAR	comp=E,562µm,0.6s			AML	AML		
GUAR	comp=N,970µm,0.5s			AML	AML		
ATCC	AVT- Casa Cast	0.78	324	↑P	Pg	00 31 17.2	-0.7
ATCC				S	Sg	00 31 28.5	+0.4
ATCC	comp=N,1925µm,0.4s			AML	AML		
ATCC	comp=E,2620µm,0.3s			AML	AML		
CING	Cingoli	0.82	356	P	Pg	00 31 17.9	-0.8
CING				S	Sg		
CING	comp=N,1970µm,0.3s			AML	AML		
CING	comp=E,2605µm,0.2s			AML	AML		
FOSV	Fossato di Vic	0.83	334	↓P	Pg	00 31 18.2	-0.6
FOSV				S	Sb	00 31 30.9	+0.9
FOSV	comp=N,1195µm,0.4s			AML	AML		
FOSV	comp=E,1012µm,0.5s			AML	AML		
PP3	Marolino	0.86	17	↑P	Pg	00 31 19.1	-0.3
PP3				S	Sg		
PP3	comp=E,8485µm,0.6s			AML	AML		
PP3	comp=N,4895µm,0.3s			AML	AML		
PP3	comp=E,8485µm,0.6s			AML	AML		

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PP3	comp=N,4495µm,0.3s			AML	AML		
PP3	comp=E,8130µm,0.6s			AML	AML		
CAFR	Castel Frentan	0.86	112	↓P	Pg	00 31 18.9	-0.6
CAFR				S	Sn	00 31 33.7	+0.8
CAFR	comp=E,690µm,0.5s			AML	AML		
CAFR	comp=N,696µm,0.6s			AML	AML		
MURB	Monte Urbino	0.89	323	↑P	Pg	00 31 19.4	-0.7
MURB				S	Sb	00 31 33.1	+1.2
MURB	comp=E,4330µm,0.3s			AML	AML		
MURB	comp=N,3740µm,0.3s			AML	AML		
MURB	comp=N,3530µm,1.0s			AML	AML		
MURB	comp=N,3910µm,0.3s			AML	AML		
MGAB	Montegabbione	0.92	293	↑P	Pg	00 31 19.9	-0.7
MGAB				S	Sn	00 31 33.9	-0.6
MGAB	comp=E,2365µm,0.5s			AML	AML		
MGAB	comp=E,2540µm,0.6s			AML	AML		
MGAB	comp=N,3985µm,0.3s			AML	AML		
MGAB	comp=N,3630µm,0.4s			AML	AML		
ATFO	Monte Foce - G	0.96	328	↑P	Pg	00 31 20.6	-0.7
ATFO				S	Sn		
ATFO	comp=E,1065µm,0.9s			AML	AML		
ATFO	comp=N,1200µm,0.6s			AML	AML		
ARVD	Arcevia	0.97	346	↓P	Pg	00 31 20.5	-1.0
ARVD				S	Sn	00 31 36.0	+0.3
ARVD	comp=E,1305µm,0.6s			AML	AML		
ARVD	comp=N,1413µm,1.1s			AML	AML		
LAV9	Lanuvio	0.97	206	↓P	Pn	00 31 23.0	+0.9
LAV9				S	Sn		
LAV9	comp=E,1995µm,0.5s			AML	AML		
LAV9	comp=N,2205µm,1.1s			AML	AML		
LAV9	comp=E,2045µm,0.5s			AML	AML		
LAV9	comp=N,2145µm,1.1s			AML	AML		
GIUL	Giuliano Di Ro	1.00	180	↓P	Pn	00 31 22.1	-0.3
GIUL				S	Sn		
GIUL	comp=E,479µm,0.6s			AML	AML		
GIUL	comp=N,410µm,0.8s			AML	AML		
AOI	Ancona	1.02	14	↓P	Pb	00 31 21.9	-0.4
AOI				S	Sn		
AOI	comp=E,1280µm,0.6s			AML	AML		
AOI	comp=N,1510µm,0.4s			AML	AML		
ATVO	AVT- Monte Val	1.04	323	↑P	Pb	00 31 21.8	-0.8
ATVO				S	Sn		
ATVO	comp=N,733µm,0.4s			AML	AML		
FRON	Frontone	1.04	338	↓P	Pb	00 31 21.8	-0.7
FRON				S	Sn		
FRON	comp=N,1220µm,1.4s			AML	AML		
FRON	comp=N,910µm,0.4s			AML	AML		
SACS	San Casciano di	1.04	287	↑P	Pb	00 31 21.8	-0.9
SACS				S	Sn		
SACS	comp=N,1395µm,1.1s			AML	AML		
SACS	comp=E,826µm,1.2s			AML	AML		
SACS	comp=N,1460µm,1.1s			AML	AML		
SACS	comp=E,1000µm,1.2s			AML	AML		
TOLF	Tolfa	1.06	243	↑P	Pb	00 31 22.1	-0.8
TOLF				S	Sn		
TOLF	comp=E,756µm,0.6s			AML	AML		
TOLF	comp=N,917µm,0.8s			AML	AML		
ATMI	Monte Miggiano	1.07	317	↑P	Pg	00 31 23.3	0.0
ATMI				S	Sn		
ATMI	comp=E,2180µm,0.4s			AML	AML		
ATMI	comp=N,2305µm,0.4s			AML	AML		
LATE	Laterza	1.08	274	↓P	Pg	00 31 23.3	-0.3
COR1	Cornalido	1.09	350	↑P	Pg	00 31 24.2	+0.4
COR1				S	Sn		
COR1	comp=E,1255µm,0.8s						

15d 1h

Table with columns for station ID, name, frequency, and various signal quality metrics (eP, pmax, etc.). Includes stations like BOD, PCHI, DGZ, DZM, etc.

2016 DEC

Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like NIKH, RTV, SKZ, etc.

1058

Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like G23K, RC01, O22K, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Log Cabin Wild, Nabesna, AK, Coleen River, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Telegraph Cree, Eureka, Dease Lake, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Torodi Ar. Bea, JMA 15 01:07:50.1, etc.

Table with columns: T1245, comp=E,2130um,0.2s, AML, AML, etc. Includes entries for MC2, MMO1, NRCA, etc.

1061
IDC 15 01:29:24.8+0.4,29:17:56.14E,h0km,mb5.0/38,
mbmp4.9/39,ML4.9/1,MS4.5/7,Error ellipse:
s-maj=12.9km s-min=11.5km az=60.0
BUI 15 01:29:24.1+0.0,29:05:50.29E,h17km,mb5.1/44,
mb5.3/28,Ms5.2/20,Ms7.4/21
MOS 15 01:29:24.4+0.7,29:17:56.13E,h10km,mb5.5/46,Error
ellipse: s-maj=11.4km s-min=4.9km az=99.9
NEIC 15 01:29:26.5+1.6,29:16:50.09,60.96E,0.05,h10km,1km,
mb5.3/90,Error ellipse: s-maj=15.8km s-min=5.4km
az=201.0

ISC-EH 15 01:29:26.8,29:07:06.99E,h12km,1km,Error ellipse:
s-maj=3.4km s-min=3.1km az=127.0
GCMT 15 01:29:27.5+0.1,29:20:05.01,60.91E,0.02,h12km,
MW5.2/120,Moment Tensor Solution. s70,c89;
s120,c205; Duration: 1s0 Moment tensor: Scale 10^17
Nm; Mn=0.70+0.1; Mw0.68+0.1; Mw0.01+0.1;
Mn=0.09+0.04; Mw0.33+0.1; Mw0.07+0.05; Best double
couple: Mo0.76400x10^17 Np0.770000y0.84800000z0.
1-78.00000. NP2=0.23900000,844.00000.
1-103.00000.
Principal axes: T 0.8150, P1g2.0000.
Az=153.0000; N -0.1020, P1g0.0000; Az=248.0000; P
-0.7130, P1g1.0000; Az=55.0000; nsta1 refers to body
waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

ISC 15 01:29:26.1+0.3,29:20:05.05,60.98E,0.06,h10km,n862,
s106/881,mb5.2/181,MS4.6/66,63C-47D,Southwest
Indian Ridge

Main table for station 1061 with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like Riviere de l'E, Vohitsoka, etc.

Main table for station 2016 DEC with columns: MAW, comp=Z,2.2nm,0.9s,baz=352,slow=9.9,SNR=8.9, etc. Includes stations like MAW, AUSN, MBAR, etc.

Main table for station 15d 1h with columns: VNDA, comp=Z,1.8nm,1.0s, 64.04 166 P, etc. Includes stations like VNDA, ASAR, WRA, etc.

15d 1h

Table with columns for call sign, frequency, power, mode, and other parameters. Includes stations like KKAR, AAK, DBIC, etc.

2016 DEC

Table with columns for call sign, frequency, power, mode, and other parameters. Includes stations like LZH, CTA, WMQ, etc.

1062

Table with columns for call sign, frequency, power, mode, and other parameters. Includes stations like VOIR, KIS, VASR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Belle Mtn, Big Chuckawall, Glamis, Pinyon Flats, Pinon Flats, Murrieta, Sam W. Stewart, Monument Peak, In-Ko-Pah, Catalina Island, San Nicolas Is.

MAN 15 01:31:36.7, 13:18N, 122:41E, h11km, mb4.3, ML3.2, MS2.9, 7C-9D, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like San Andres, Odiogang, Jose Panganiba, Masbate, San Jose, Roxas, Tagaytay City, Virac, Maragondon, Quezon City, Lubang, Catarman, Coron, Palayan, San Manuel, Sagada Mountain.

RSNC 15 01:43:16.2, 0.7, 11:75N, 73:15W, h25km, 4km, ML3.9, Mh3.8

IDC 15 01:43:19.3, 8.5, 11:72N, 72:73W, h80km, 62km, mb3.7/3, mbmp4.2/4, ML3.0/1, MS4.4/2, Error ellipse: s-maj=60.5km s-min=49.5km az=16.0

ISC 15 01:43:16.8, 1.6, 11:74N, 0:09, 73:09W, 0.05, h59km, 12km, n38, e271/64, mb4.1/3, 1C-3D, Near north coast of Colombia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Correon, Guaj, Uribia, Santa Marta, La Loma 5 El P, Ariguani, Magd, La Loma 1 Cana, San Jacinto, Santo Domingo, Los crdobas, Pamplona, Zaragoza, Cauca, San Jos de Ur, Barranca, Sant, Barichara, PUERTO BERRIO, Tame, Arauca, Dabeiba, La Rusia, Norcasia, Ciudad Bolivar, Guyana, Caldas, El Rosal, Chingaza, San Jos del P.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Puerto Gaitan, Santa Ana, Ortega, Tolima, Prado, Yotoco, Valle, Macarena, Meta, Garzon, Huila, San Ignacio, Brasilia, Paso Flores, Hagfors, ARCES Array B, Warramunga Arr, Makanchi Array, Eielson Array, Torodi Arr, Warramunga Arr, Dimbokro.

IDC 15 01:43:52.1, 5.7, 5:77S, 146:09E, h113km, 58km, mb3.2/3, mbmp3.5/5, Error ellipse: s-maj=53.6km s-min=31.6km az=134.0

ISC 15 01:43:51.2, 1.1, 5:75S, 0:1, 146:0E, 0:2, h100km, n7, e85/85, mb3.5/3, Eastern Iw Guinea region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, Makanchi Array, Eielson Array, Torodi Arr, Warramunga Arr, Dimbokro.

IDC 15 01:47:41.5, 10.0, 10:49S, 161:25E, h39km, 67km, mb3.4/3, mbmp3.7/3, MS3.2, Error ellipse: s-maj=92.8km s-min=38.2km az=103.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Honiara, Port Moresby, Alice Springs, Korea Array, Songoing Array, Tubuai, SNET, GCG, YLVR.

SNET 15 01:49:14.0, 0.1, 4:25N, 91:62W, h20km, 99km, ML4.1

GCG 15 01:49:17.6, 0.5, 14:48N, 91:49W, h26km, 4km, MD3.8

YLVR 15 01:49:11.0, 4.1, 14:11N, 0:2, 92:0W, 0:2, h63km, 27km, n14, e15/19, 1D, Guatemala

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Suchitepequez, Santiago 3, FUG, Pacaya, Las Nubes, Alcadia de Sa, NUBE, Cerro Verde, JAYA, Alcaldia de S, SCL, P, COB, COB.

IDC 15 02:01:45.3, 9.3, 32:79S, 179:74W, h267km, 99km, mb3.0/2, mbmp3.7/3, Error ellipse: s-maj=108.6km s-min=43.8km az=3.0, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Urewera, Alice Springs, Warramunga Arr, FINES, MOS, BYKL, ARS, KMO, KMO.

MOS 15 02:06:53.6, 1.1, 53:06N, 107:72E, h11km, mb4.5/6, Error ellipse: s-maj=9.1km s-min=6.0km az=66.9

BYKL 15 02:06:54.9, 0.1, 53:06N, 107:65E, h14km, 2km, FELT =III-IV MSK at Kharantsy; III at Kuytun (Buryatia); II at Irkutsk

IDC 15 02:06:56.6, 0.7, 53:03N, 107:51E, h20km, 4km, mb3.8/10, mbmp4.0/15, ML3.5/5, MS4.4/2, Error ellipse: s-maj=17.1km s-min=13.4km az=70.0

ISC 15 02:06:55.2, 0.5, 53:06N, 107:64E, 0:02, h12km, 3km, n87, e234/146, mb4.2/17, MS4.5/3, 11C-6D, Lake Baykal region

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Kotokel, Zarechye, Ongureny, Maximikha, Tyrgan, Tyrgan, Fofonovo, Kabansk, Suvo, Suvo, Listvyanka, Irkutsk, Irkutsk, Ivanovka, Ulyunkhan, Ulyunkhan, Talaya, Nizh Angarsk, Nizh Angarsk, Arshan, Arshan, Kumora, Kumora.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for AKASG Malin Array Be, EKA Eska...muir Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for IDC 15 02:37:02.8.5.5, 21.765s, ASAR Alice Springs, WRA Warramunga Arr, NOA NORSTAR Array B, HFS Hagersfontein.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for IDC 15 02:42:10.9.1.1, 35.03N, 26.24E, ATH 15 02:42:11.7, 34.98N, 26.33E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for ZKR Zakros, STIA Sitia Lasithi, FRMA Ierapetra Chan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for HRKL Herakleio, KSTL Kastelli Herak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for KARP Karpathos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for HRKL Herakleio, KSTL Kastelli Herak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for HRKL Herakleio, KSTL Kastelli Herak, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for HRKL Herakleio, KSTL Kastelli Herak, etc.

Table with columns: CAEL, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CAEL comp=N, 124nm, 1.0s, etc.

Table with columns: CAEL, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CAEL comp=N, 106nm, 0.7s, etc.

Table with columns: CAEL, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CAEL comp=N, 4.4nm, 0.7s, etc.

Table with columns: CAEL, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CAEL comp=N, 0.9nm, 0.6s, etc.

Table with columns: CAEL, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CAEL comp=N, 0.5nm, 0.5s, etc.

Table with columns: CAEL, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CAEL comp=N, 1.3nm, 2.1s, etc.

Table with columns: CAEL, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CAEL comp=N, 0.6nm, 0.6s, etc.

Table with columns: CAEL, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CAEL comp=N, 0.8nm, 0.7s, etc.

Table with columns: CAEL, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CAEL comp=N, 0.5nm, 0.5s, etc.

Table with columns: CAEL, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for CAEL comp=N, 0.5nm, 0.4s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for WVZ Waikaha Valley, MCHZ McNeill Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for WVZ Waikaha Valley, MCHZ McNeill Hill, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for IDC 15 03:25:53.0.1.8, 17.19S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for MSVF Nonsavu, STKA Stephens Creek, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for NVAR Mina Array Be, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for TXAR Lajitas Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for GERES GERES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for NDI 15 03:44:13.4.3.2, NEIC 15 03:44:13.0.1.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for IDC 15 03:44:13.7.0.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for SAIH SAHA, SAIH SAHA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residuals. Includes stations like ZALV Zalesovo Beam, BVAR Borovoye Array, BRVK Borovoye, etc.

ROM 15 03:45:02.8-0.43'024N-0'002-13'062E:0'004, 19km, ML2.3/45, 22C-13D, Error ellipse: s-maj=0.2km s-min=0.2km az=83.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residuals. Includes stations like FDMO Fiordimonte, T1219 Muccia, FEMF Monte Fema, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residuals. Includes stations like T1256 comp=N,2135um,0.3s, T1256 comp=N,2345um,0.9s, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residuals. Includes stations like NRCA comp=E,2810um,0.8s, NRCA comp=N,2865um,0.2s, etc.

REN 15 05:37:53.1-0.7, 39.17N-0.02:118.46W-0.02, h0km, 5km, ML2.5/8, ML2.4/42(NEIC), Error ellipse: s-maj=2.5km

NEIC 15 05:37:53.2-0.9, 39.18N-0.01:118.46W-0.02, h11km, 4km, Error ellipse: s-maj=2.4km s-min=1.0km az=53.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KVN Kaiserville, RYN Ryan, NV09 Mina Array Sit, etc.

IDC 15 05:38:00.1-1.8, 1.68N-125.84E, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=169.1km s-min=27.5km az=65.0, Northern Moluca Sea

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

IDC 15 05:38:48.7-0.8, 84.82N-7.21E, h0km, mb3.7/12, mbtmp3.7/14, ML4.4, MS3.3/1, Error ellipse: s-maj=24.5km s-min=14.6km az=67.0

NEIC 15 05:38:48.3-1.1, 84.77N-0.1-1.1, h10km, 2km, mb4.1/15, Error ellipse: s-maj=27.7km s-min=3.1km az=39.0

BER 15 05:38:52.9-1.1, 84.60N-8.76E, h10km, ML2.6, ML4.1(NAO), Confirmed Earthquake

IEPN 15 05:38:52.0, 84.63N-10.04E, h10km

ISC 15 05:38:48.9-0.5, 84.73N-0.05-8.74E-0.05, h10km, n98, s=269/89, mb3.8/16, MS3.3/29, North of Svalbard

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NOR Nord, KBS Kingsbay, ZFI Zemlya Franza, etc.

Main table with columns: HSPB, IAML, Pn, S, etc. Includes stations like DAG Danmarks Havn, BJO1 Bjornoya, DBG Daneborg, etc.

Table with columns: TORD, CMAR, CMIG, JTS, PALK, etc. Includes stations like Torodi Ar. Bea, Chiang Mai Arr, Matias Romero, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Zaisan, Malakanchi Array, Kurchatov Arra, etc.

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

IDC 15 06:40:31.2+1.4, 43:87N-86:55E, h0km, mb3.7/3, mbmp3,8,7,ML3.6/4,MS2.7/2, Error ellipse: s-maj=43.7km s-min=15.4km az=50.0

NNC 15 06:47:35.6+1.6, 43:89N-86:11E, h0km, mb4.0, mpv3.8, 8C-6D, Error ellipse: s-maj=12.7km s-min=6.9km az=124.0, Northern Xinjiang

IDC 15 07:07:24.0, 18:54N-145:66E, h200km, Error ellipse: s-maj=12.5km s-min=5.9km az=102.0

15d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BFZ Birch Farm, OKCZ Okains Bay, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I26DU FREYUNG INFRAS, I43RU DUBNA INFRAS, etc.

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2016 DEC

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

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1080

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

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

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

CRNET 15 13:03:55.7:0.1,41.54N:74.16E,h18km,mb2.2
SOME 15 13:03:56.0,41.58N:74.17E,h5km
KNET 15 13:03:57.4:0.6,41.65N:74.16E,h13km,3km,ml1.7,Error
ellipse: s-maj=4.3km s-min=3.3km az=177.0
NCC 15 13:03:57.6:1.7,41.63N:74.15E,h0km,mb3.0,mpv2.9
Error ellipse: s-maj=13.5km s-min=6.5km az=172.0
ISC 15 13:03:56.7:1.4,41.59N:0.005:74.17E:0.03,h12km,gkm,
n40,+f11771,18C-16D,Kyrgyzstan

Code Station Name Az Phase ID Time Res
h m s ISC

ARLS Aral 0.29 23 f P Sg 13 04 02.5 -0.3

ARLS Aral 0.29 23 f P Sg 13 04 07.5 +0.6

AML Almayush 0.65 327 P Pg 13 04 08.9 -0.4

AML Almayush 52nm,0.1s,SNR=209 13 04 18.1 +0.1

UCH Uchto 0.69 22 f P Sg 13 04 10.0 -0.2

UCH Uchto 7.0nm,0.1s,SNR=5.9 13 04 20.3 -0.2

UCH Uchto 18nm,0.2s 0.69 22 f P Pg 13 04 09.9 -0.2

UCH Uchto 18nm,0.2s 13 04 20.1 -0.4

AAK Ala-Archa 1.07 13 f P Pb 13 04 16.9 -0.4

AAK Ala-Archa 0.9nm,0.1s 13 04 31.9 -0.7

AAK Ala-Archa 4.8nm,0.2s 1.07 13 f P Pb 13 04 16.7 -0.6

AAK Ala-Archa 1.07 13 f P Pb 13 04 31.8 -0.8

EKS2 Erkin-Say 1.11 345 f P Pb 13 04 17.4 -0.5

EKS2 Erkin-Say 1.7nm,0.1s,SNR=12 13 04 32.8 -0.7

EKS2 Erkin-Say 3.4nm,0.1s 1.11 345 f P Pb 13 04 17.2 -0.7

EKS2 Erkin-Say 1.11 345 f P Pb 13 04 32.8 -0.7

KBK Karagaybulak 1.21 28 f P Pb 13 04 19.6 -0.1

KBK Karagaybulak 2.1nm,0.1s,SNR=9.6 13 04 36.8 +0.7

KBK Karagaybulak 1.21 28 f P Pb 13 04 19.0 -0.7

KBK Karagaybulak 1.21 28 f P Pb 13 04 36.3 +0.2

MRKS Merke 1.35 329 e P Sn 13 04 21.1 -0.3

MRKS Merke 1.4nm,0.1s 1.35 329 e P Sn 13 04 39.2 -0.2

MRKS Merke 1.35 329 P Sn 13 04 21.1 -0.3

MRKS Merke 1.4nm,0.1s 1.35 329 P Sn 13 04 39.2 -0.2

NRN Naryn 1.38 96 f P Pb 13 04 21.2 -0.9

NRN Naryn 14nm,0.1s 1.38 96 f P Pb 13 04 21.2 -0.9

NRN Naryn 1.38 96 f P Pb 13 04 29.3 -1.2

BOOM Booms koye usch 1.59 55 f P Pb 13 04 25.6 +0.7

BOOM Booms koye usch 1.59 55 f P Pb 13 04 47.4 +1.0

USP Ospanovka 1.69 8 f P Pb 13 04 28.5 +0.7

USP Ospanovka 2.4nm,0.2s,SNR=5.6 1.69 8 f P Pb 13 04 51.2 +0.1

USP Ospanovka 1.69 8 f P Pb 13 04 27.5 -0.3

USP Ospanovka 1.69 8 f P Pb 13 04 50.8 -0.3

TKM2 Tokmak 2 1.70 38 f P Pb 13 04 28.0 +0.1

TKM2 Tokmak 2 2.9nm,0.3s,SNR=6.1 1.70 38 f P Pb 13 04 50.4 -1.0

TKM2 Tokmak 2 1.70 38 f P Pb 13 04 27.9 -0.1

TKM2 Tokmak 2 1.70 38 f P Pb 13 04 50.5 -1.0

TKM2 Tokmak 2 1.70 38 f P Pb 13 04 27.6 -0.4

SGDS Sogindiy 1.89 10 e P Pb 13 04 32.1 +0.9

SGDS Sogindiy 6.5nm,0.2s 1.89 10 e P Pb 13 04 57.8 +0.3

SGDS Sogindiy 1.89 10 P Pb 13 04 32.1 +0.9

SGDS Sogindiy 1.89 10 P Pb 13 04 57.8 +0.3

KST Kastek 1.97 42 e P Pb 13 04 33.5 +0.9

KST Kastek 1.97 42 e P Pb 13 05 00.2 +0.2

KST Kastek 1.97 42 P Pb 13 04 33.4 +0.9

KST Kastek 1.97 42 P Pb 13 05 00.2 +0.2

DGS Degeres 2.03 35 e P Pb 13 04 34.6 +1.1

DGS Degeres 1.5nm,0.2s 2.03 35 e P Pb 13 05 02.0 0.0

DGS Degeres 2.03 35 P Pb 13 04 34.7 +1.1

DGS Degeres 2.03 35 P Pb 13 05 02.0 0.0

DGS Degeres 2.03 35 P Pb 13 04 34.7 +1.1

MTBS Maitube 2.27 47 e P Pb 13 04 38.5 +0.9

MTBS Maitube 1.8nm,0.1s 2.27 47 e P Pb 13 05 08.6 -1.1

MTBS Maitube 2.27 47 P Pb 13 04 38.6 +0.9

MTBS Maitube 2.27 47 P Pb 13 05 08.6 -1.1

MTBS Maitube 2.27 47 P Pb 13 04 38.6 +0.9

MTBS Maitube 2.27 47 P Pb 13 05 08.6 -1.1

MTBS Maitube 2.27 47 P Pb 13 04 38.6 +0.9

MTBS Maitube 2.27 47 P Pb 13 05 08.6 -1.1

MTBS Maitube 2.27 47 P Pb 13 04 38.6 +0.9

MTBS Maitube 2.27 47 P Pb 13 05 08.6 -1.1

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MTBS Maitube 2.27 47 P Pb 13 04 38.6 +0.9

MTBS Maitube 2.27 47 P Pb 13 05 08.6 -1.1

MTBS Maitube 2.27 47 P Pb 13 04 38.6 +0.9

MTBS Maitube 2.27 47 P Pb 13 05 08.6 -1.1

MTBS Maitube 2.27 47 P Pb 13 04 38.6 +0.9

1081

Table with columns: ARXS, Arharly, 9.7nm,0.5s, 3.75 44 eP Pb, 13 05 05.3 +2.4

IDC 15 13:22:50.4+1.4,31.35'S:72.06'W,h0km,mb4.1/4, mbmp4,0/10,ML4,0/6,MS3,2/6,Error ellipse: s-maj=29.6km s-min=26.4km az=38.0

SJA 15 13:22:52.1+0.8,31.58'S:71.96'W,h13km,3km,ML4.2, MW4.0

GUC 15 13:22:55.7+0.8,31.57'S:71.71'W,h25km,ML4.4

ISC 15 13:22:53.6+1.2,31.60'S:0.02'W,71.77'W,0.04,h17km,8gkm, n80,σ1566/15,mb4.3/4,4D,Near coast of central Chile

Main table for 1081 with columns: Code, Station Name, Δ°, AZ, Op, Phase ID, ISC, Time, Res, h m s, ISC

2015 DEC

Main table for 2015 DEC with columns: Code, Station Name, Δ°, AZ, Op, Phase ID, ISC, Time, Res, h m s, ISC

15d 14h

Main table for 15d 14h with columns: Code, Station Name, Δ°, AZ, Op, Phase ID, ISC, Time, Res, h m s, ISC

15d 14h

HGSD Ruisi	baz=258	0.65	8	↑P	Pb	14 11 51.6	-0.6
HGSD Ruisi	baz=23				eS	14 12 01.1	0.0
EHY Hungye	baz=356	0.66	0	eP	Pb	14 11 51.2	-1.1
MASBT Mashibuluo	baz=238	0.68	250	↑P	Pg	14 11 51.0	-1.2
MASBT Mashibuluo	baz=238				iS	14 11 59.5	-1.7
SGST Jiashan	baz=298	0.72	289	↑P	Pg	14 11 51.9	-1.2
YUS Yu-Shan	baz=339	0.73	332	↑P	Pb	14 11 52.6	-1.1
YUS Yu-Shan	baz=339				iS	14 12 02.1	-1.6
SCST Cishan	baz=287	0.76	273	↑P	Pb	14 11 53.7	-0.4
WTP Ta-pu	baz=304	0.76	302	↑P	Pb	14 11 53.7	-0.4
WTP Ta-pu	baz=304				S	14 12 04.4	0.0
SGLT Jiouru	baz=259	0.77	261	eP	Pb	14 11 53.2	-1.1
TSPT Pingtung City	baz=246	0.78	258	eP	Pb	14 11 53.9	-0.5
TPUB Ta-pu	baz=309	0.78	306	eP	Pn	14 11 54.5	-1.1
TPUB Ta-pu	baz=309	0.78	306	eP	Pb	14 11 54.0	-0.4
TPUB Ta-pu	baz=309				iS	14 12 05.1	+0.3
SLIU Shizi	baz=213	0.79	218	eP	Pg	14 11 53.3	-1.1
SCZT Fangliu	baz=221	0.80	234	↑P	Pb	14 11 53.8	-0.9
CHN1 Nangshi	baz=303	0.81	295	↑P	Pn	14 11 54.8	-1.1
CHN1 Nangshi	baz=303				eS	14 12 06.9	-0.8
ALS Alitash	baz=330	0.81	325	↑P	Pb	14 11 54.5	-0.7
EGFH Guangfu	baz=359	0.83	7	eP	Pn	14 11 55.2	-1.1
TWY Shoushan	baz=286	0.83	269	↑P	Pb	14 11 55.5	-0.7
LAM1 Lan-yu	baz=148	0.83	165	eP	Pg	14 11 53.7	-1.5
CHN4 Tsauhsan	baz=310	0.84	307	↑P	Pg	14 11 54.1	-1.2
CHN4 Tsauhsan	baz=310				eS	14 12 06.4	-0.1
SNST Tainan City	baz=298	0.84	296	↑P	Pn	14 11 56.8	+0.3
LYUB Lan-yu	baz=148	0.87	164	eP	Pg	14 11 53.2	-2.8
TWK Hsiinying	baz=301	0.87	299	↑P	Pb	14 11 55.8	-0.2
TWK Hsiinying	baz=301				eS	14 12 09.6	+0.2
TEGC Jichi Village	baz=29	0.88	13	eP	Pn	14 11 56.0	-1.0
WCKO Fanlu	baz=315	0.89	312	eP	Pb	14 11 55.2	-1.0
CHN3 Shinhua	baz=284	0.91	285	↑P	Pb	14 11 57.9	+0.5
SHHT Tainan City	baz=281	0.91	281	↑P	Pb	14 11 56.1	-0.6
VWDT VWDT	baz=356	0.92	350	↑P	Pb	14 11 56.0	-0.8
SMST Manzhou Townsh	baz=187	0.93	209	eP	Pg	14 11 55.5	-1.7
WHYT Xinyi Township	baz=338	0.95	333	↑P	Pn	14 11 57.2	-0.8
CHN5 Tsauling	baz=326	0.95	322	eP	Pb	14 11 56.3	-1.1
ESL Shilin	baz=1.0	0.97	6	eP	Pg	14 11 56.1	-1.8
ESL Shilin	baz=1.0				eS	14 12 11.7	-0.1
KAU Kaohsiung	baz=290	0.97	254	eP	Pn	14 11 60.0	+1.7
HEN Hengchun	baz=191	0.99	213	eP	Pn	14 11 58.6	+0.1
SSHA Shanhu	baz=287	0.99	287	eP	Pn	14 11 59.3	+0.8
SSLB Suanglung	baz=340	1.00	340	P	Pb	14 11 57.6	-1.0
SSLB Suanglung	baz=356	1.00	340	↑P	Pb	14 11 57.3	-0.8
WSSB Gushan	baz=297	1.00	259	eP	Pn	14 11 59.9	+1.3
TWKBT Hengchun	baz=187	1.01	208	eP	Pg	14 11 57.4	-1.3
TWK Hsiaoliuchiu	baz=229	1.01	241	↑P	Pn	14 12 00.6	+1.8
TWP Hengchun	baz=186	1.01	208	eP	Pg	14 11 56.7	-2.0
TSEB Hengchuen, Pin	baz=165	1.02	203	eP	Pn	14 11 58.8	0.0
TAI1 Yung-kang	baz=280	1.02	281	eP	Pn	14 12 00.8	+1.9
CHN2 Minshiang	baz=315	1.04	312	eP	Pn	14 11 59.6	+0.5
CHY Chiayi	baz=911	1.05	308	eP	Pn	14 11 58.8	-0.5
TEYL Yanliu Villag	baz=5.0	1.05	14	eP	Pn	14 11 58.8	-0.5
TEYL Yanliu Villag	baz=5.0				eS	14 12 15.3	+1.6
ICHU Yijhu	baz=300	1.09	298	eP	Pn	14 11 59.5	-0.3
WGLT Jiali	baz=287	1.09	288	eP	Pn	14 11 59.6	-0.2
SCKT Gukeng	baz=325	1.09	320	eP	Pn	14 12 00.0	+0.2
SMLT Sun Moon Lake	baz=354	1.10	340	↑P	Pn	14 11 59.4	-0.7
WDLH Douliu	baz=323	1.11	320	eP	Pn	14 12 00.5	+0.4
WJS Zhushan	baz=344	1.11	331	eP	Pn	14 12 00.6	+0.3
WJS Zhushan	baz=344				eS	14 12 16.8	+1.4
ETM Tongmen	baz=12	1.13	8	eP	Pb	14 11 59.5	-0.8
CHN8 Yiju	baz=298	1.14	296	eP	Pn	14 12 00.3	-0.2
TYC Yuchr	baz=351	1.14	338	eP	Pn	14 12 00.4	-0.1
WUSB Renai	baz=7.0	1.16	35	eP	Pg	14 11 59.8	-1.6
HWA Hwalien	baz=15	1.16	13	eP	Pn	14 12 01.0	+0.2
WNT Mingjian	baz=336	1.18	331	eP	Pn	14 12 02.0	+0.9
WNT Mingjian	baz=336				eS	14 12 19.6	+2.5
WTK Tuku	baz=318	1.20	315	eP	Pn	14 12 01.6	+0.3
WPL Pull Township	baz=358	1.21	344	eP	Pn	14 12 01.1	-0.4
WNT1 Nantou City	baz=336	1.21	331	eP	Pn	14 12 02.7	+1.2
WSL Shulin Townsh	baz=306	1.21	304	eP	Pn	14 12 01.3	-0.2
CHGB Renai	baz=9.0	1.22	354	eP	Pn	14 12 01.2	-0.6
DPDB Guoxing	baz=349	1.24	343	eP	Pn	14 12 02.3	+0.3
TWD Chiawan	baz=14	1.26	126	eP	Pn	14 12 01.0	-1.1
WCS Beigang Elemen	baz=348	1.26	343	eP	Pg	14 12 01.8	-1.7
WSF Szu	baz=311	1.28	308	eP	Pb	14 12 02.1	-0.8
WSF Szu	baz=311				eS	14 12 20.4	+0.9
WHF Hehuan Shan	baz=14	1.30	358	eP	Pg	14 12 01.9	-2.2
WYL Yuanlin Townsh	baz=333	1.30	329	eP	Pg	14 12 03.7	-0.5
WWF Wufeng	baz=338	1.32	335	eP	Pg	14 12 03.7	-0.9
ETL Fush Village	baz=6.0	1.34	12	eP	Pn	14 12 02.3	-1.0
ETL Fush Village	baz=6.0				eS	14 12 20.8	-0.1
NACB Ninganchiao	baz=11	1.35	11	eP	Pb	14 12 01.6	-1.8

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WRL Guolierlin Hig	baz=310	1.36	321	eP	Pb	14 12 03.5	-0.8
ETLH Xiulin Townshi	baz=321	1.36	6	eP	Pn	14 12 02.7	-1.0
WTCT Ta-ch'eng	baz=321	1.39	317	eP	Pn	14 12 03.6	-0.5
FUSS Fushu	baz=11	1.40	357	eP	Pb	14 12 04.1	-1.0
TWT Tachien	baz=11	1.41	355	eP	Pg	14 12 04.6	-1.6
TDCB Tech	baz=11	1.41	354	eP	Pb	14 12 04.3	-0.9
WCHI Ch'enghua	baz=335	1.42	331	eP	Pg	14 12 06.0	-0.3
TCU Taichung	baz=340	1.43	336	eP	Pg	14 12 05.9	-0.6
WHP Taichung City	baz=21	1.47	347	eP	Pg	14 12 06.7	-0.6
NNSB Datong	baz=21	1.58	2	eP	Pn	14 12 05.9	-0.8
NNSH Datong	baz=21	1.58	2	eP	Pn	14 12 04.9	-1.8
TWQ1 Liyutan	baz=344	1.58	342	eP	Pg	14 12 08.3	-1.1
WDGT Dungji	baz=35	1.58	285	eP	Pb	14 12 07.1	-1.0
NNS Nan Shan	baz=21	1.59	2	eP	Pn	14 12 05.7	-1.2
WDJ Dajia District	baz=340	1.62	338	eP	Pg	14 12 09.4	-0.9
ENA Nani	baz=14	1.62	14	eP	Pb	14 12 07.3	-1.4
NSY Nanyi	baz=345	1.65	342	eP	Pg	14 12 08.9	-1.8
NSY Nanyi	baz=345				eS	14 12 33.5	+1.4
LATG Datong	baz=24	1.69	6	eP	Pn	14 12 07.6	-0.7
PHUB Peng-hu	baz=6.0	1.74	293	eP	Pn	14 12 09.0	+0.2
NMLH Miaoli	baz=346	1.75	344	eP	Pg	14 12 10.8	-2.0
NDT Datong Townshi	baz=29	1.76	6	eP	Pn	14 12 06.8	-2.3
PNG Penghu	baz=295	1.78	294	eP	Pn	14 12 09.0	-0.3
VCHM Qimei	baz=281	1.78	282	eP	Pn	14 12 09.3	-0.1
NFF Wufeng	baz=9.0	1.79	354	eP	Pn	14 12 09.4	-0.2
ENTT Nioudou	baz=23	1.80	7	eP	Pb	14 12 10.3	-1.5
NSTT Nanju	baz=0	1.80	351	eP	Pg	14 12 12.2	-1.5
LIOB Emei	baz=8.0	1.81	351	eP	Pb	14 12 10.8	-1.2
NDS Dongshan	baz=2	1.82	11	eP	Pb	14 12 10.8	-1.3
YHNB Yeheng	baz=20	1.82	2	eP	Pn	14 12 11.1	-1.0
YHNB Yeheng	baz=20	1.82	2	eP	Pn	14 12 10.0	0.0
TWC Suao	baz=15	1.82	15	eP	Pb	14 12 10.4	-1.7
NSK Sangang	baz=20	1.82	1	eP	Pn	14 12 09.9	-0.1
NJD Zhudong	baz=9.0	1.90	354	eP	Pb	14 12 13.1	-0.3
TWE Neicheng	baz=11	1.90	10	eP	Pb	14 12 12.2	-1.2
FUSB Fushanzhiwuyua	baz=2	1.92	7	eP	Pb	14 12 12.4	-1.5
NWLT Wulai	baz=23	1.93	5	eP	Pn	14 12 11.5	0.0
NCHU Zhongli	baz=339	1.92	357	eP	Pb	14 12 16.8	-0.4
NHHD Xinan Distri	baz=21	2.12	5	eP	Pn	14 12 13.9	0.0
TATO Taipei	baz=10	2.13	4	P	Pb	14 12 16.4	-1.0
TATO Taipei	baz=10	2.13	4	P	Pb	14 12 16.1	-1.2
TWA Mucha	baz=22	2.14	6	eP	Pb	14 12 16.4	-1.2
NTY Taoyuan	baz=14	2.15	359	eP	Pn	14 12 14.7	+0.3
TIPB Shuangxi	baz=11	2.17	12	eP	Pb	14 12 16.0	-2.1
YOJ Yonaguni jima	baz=56	2.23	44	P	Pb	14 12 18.3	-0.9
YOJ Yonaguni jima	baz=56	2.23	44	P	Pb	14 12 15.9	+0.3
YOJ Yonaguni jima	baz=56				S	14 12 44.0	+1.0
YOJ Yonaguni jima	baz=56	2.23	44	eP	Pn	14 12 14.5	-1.1
YOJ Yonaguni jima	baz=56	2.24	16	eP	Sb	14 12 42.4	-0.6
TWB1 Santiao Chiao	baz=23	2.24	16	eP	Pn	14 12 16.7	-2.5
TWS1 Kuangyinsan	baz=23	2.25	2	eP	Pb	14 12 18.2	-1.2
NWF Wu-fen Shan	baz=11	2.26	11	eP	Pb	14 12 17.1	-2.5
WFSB Wu-fen Shan	baz=11	2.26	11	eP	Pb	14 12 17.7	-1.9
SX11 Grass Mountain	baz=13	2.30	13	eP	Pb	14 12 17.8	-2.5
YMO1 YMO1	baz=25	2.30	6	eP	Pb	14 12 19.6	-0.8
ANP Anpu	baz=23	2.34	4	eP	Pn	14 12 17.9	+0.8
YMO8 YMO8	baz=24	2.35	6	eP	Pn	14 12 17.8	+0.6
HATJ Hateruma jima	baz=24	2.58	62	P	Pn	14 12 19.1	-1.3
HATJ Hateruma jima	baz=24	2.58	62	P	P		

Table with columns: SGLT, Location, Frequency, Bandwidth, Modulation, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes entries for Pingtung City, Ta-pu, Fangliu, Lan-yu, etc.

Table with columns: ETL, Location, Frequency, Bandwidth, Modulation, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes entries for Fush Village, NACB, NACB, WRL, etc.

Table with columns: Location, Frequency, Bandwidth, Modulation, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes entries for Chin-men Tao, Chin-men Tao, Ishigakijimahi, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MA2 Magadan, COEN Coen, H11N1 WAKE ISLAND, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ARU Arti, ARU ARU, ARU ARU, etc.

15d 14h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MCK Murphy Dome, MDM MDM, COLA College, etc.

15d 15h

Table with columns: RES, Station Name, Time, Res, and various codes. Includes stations like Resolute Bay, LANS LANS, VTS Vitohsa, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like T1256 Bologna (MC), MC2 Monte Cornacci, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like WEL 15:14:27:53.0,4.0,4.2, etc.

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Table with columns: WAZ, Station Name, Time, Res, and various codes. Includes stations like Wanganui, Takapari Road, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IDC 15:14:45:54.8,5.8,29.99N, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IDC 15:14:56:12.2,8.0,23.39S, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IDC 15:15:01:30.9,10.0,31.28S, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IDC 15:15:01:31.5,2.0,31.3S, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IDC 15:15:04:55.2,14.0,6.78S, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IDC 15:15:07:17.5,0.3,2.1S, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IDC 15:15:07:21.3,2.4,1.94S, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IDC 15:15:07:17.6,0.6,1.91S, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IDC 15:15:07:17.5,0.3,2.1S, etc.

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Table with columns: AS31, Station Name, Time, Res, and various codes. Includes stations like comp=2.2,5nm,0.6s, Iamb, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IDC 15:15:11:35.5,3.3,21.37N, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IDC 15:15:34:50.0,2.2,9.08S, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IDC 15:15:34:55.0,2.0,7.921S, etc.

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

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

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

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

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

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

15d 16h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WTK, TWD, WSL, WSL, WCS, WCS, WHF, ETL, ETL, WSF, WSF, NACB, NACB, ETLH, WRL, WRL, FUSF, TWT, TWT, WCHH, WCHH, TCU, TCU, WHP, WHP, NNS, TWQ1, TWQ1, ENA, WDG, EWUT, WDJ, NSY, LATG, NMLH, PHUB, ENT, NFF, NDS, TWC, NSTT, YHNB, YHNB, PNG, VCHM, LIOB, TWE, FUSB, NWLT, SBCB, TATO, YJNG, YJNG, TWA, TIPB, YOJ, YOJ, YOJ, TWB1, NWF, SX11, NTST, ANP, HATJ, IRIF, JKRS, JKRS, YVUC, JIU, JIU, PTMZ, KMM, JISG, JISG, KNMB, ZPLA, JTJ, JTJ, MATB, DSXP, AXDP, MHZQ, JIRB, JIRB, LYJJ, LYJJ, JMJ2, JMJ2, JIKM, XPSX.

2016 DEC

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like JUNU, KSRS, KSRS, CMAR, CMAR, ASAJ, SONM, SONM, MKAR, ZALV, H11N1, H11N2, H11N3, H11S1, H11S2, KURBS, AAK, WRA, ASAR, FINES, KRN, OHH, DRK, DRK, ARLS, ARLS, BTK, BTK, GAR, GAR, UCH, UCH, TRKS, AAK, AAK, EKS2, EKS2, ULHL, ULHL, KBK, KBK, MRKS, MRKS, FRU1, FRU1, TKM2, TKM2, CHGR, CHGR, USP, USP, KST, KST, IUG, IUG, IUG, DGS, DGS, DGS, SGDS, SGDS, SGDS, MTBS, MTBS.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MTBS, MTBS, MTBS, TNSS, TNSS, TNSS, MDOK, MDOK, MDOK, KRBS, KRBS, KRBS, KK31, KK31, KK31, KKAR, KKAR, KTBS, KTBS, KTBS, KUU, KUU, KUU, ARXS, ARXS, ARXS, BTLS, BTLS, BTLS, PDGK, PDGK, PDGK, AB31, AKTO, IDC, NEIC, ISC, KRVT, KRVT, KRVT, RABL, RABL, MANU, PMG, PMG, PMG, PMG, HMR, HMR, COEN, CTA, DZM, WBO, WBO, WRO, WRO, WRO, WRA, WRA, WRA, AS31, AS31, ASAR, ASAR, ASAR, FITZ, FITZ, LUWI, LUWI, FORF, MBWA, LEM, CMAR, SONM, ZALV, ILAR, TOBD.

NEIC 15 16:17:12.0 ± 1.7, 17.09S, 0.09E, 173.7W, 0.1, h40km, 11km, mb4.6/15, Error ellipse: s-maj=20.3km s-min=11.6km az=70.0

ISC 15 16:17:12.0 ± 0.6, 17.05S, 0.06E, 173.60W, 0.07, h52km, n39, α1549/35, mb4.5/14, MS2.8/3, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like AF1 Afiamalu, AF1 Afiamalu, AF1 Afiamalu, etc.

IDC 15 16:24:43.4 ± 1.2, 11.07S, 161.86E, h0km, mb4.1/7, mbmp4.2/9, ML4.6/2, Error ellipse: s-maj=26.9km s-min=24.9km az=112.0

NOU 15 16:24:45.2, 10.96S, 162.01E, h0km, mb4.2/12, Solomon Islands

NEIC 15 16:24:47.2 ± 1.4, 11.09S, 0.06E, 161.8E, 0.2, h10km, 2km, mb4.3/12, Error ellipse: s-maj=27.8km s-min=5.0km az=69.0

ISC 15 16:24:48.7 ± 0.8, 11.03S, 0.08E, 162.0E, 0.1, h36km, n38, α1545/40, mb4.2/12, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like ASAR Alice Springs, MTN Mantion Dam, TOO Tooolangi, etc.

IDC 15 16:28:48.0 ± 0.7, 10.41N, 125.29E, h0km, mb4.1/12, mbmp4.1/13, ML4.5/1, MS3.3/10, Error ellipse: s-maj=34.1km s-min=12.5km az=85.0

MAN 15 16:28:51.4, 10.38N, 125.13E, h5km, mb5.1, ML4.0, MS4.1 NEIC 15 16:28:56.3 ± 1.9, 10.31N, 0.08E, 125.3E, 0.1, h51km, 8km, mb4.6/9, Error ellipse: s-maj=15.1km s-min=11.6km az=70.0

ISC 15 16:28:50.1 ± 1.2, 10.32N, 0.03E, 125.27E, 0.03, h7km, 8km, n98, 18:58/109, mb4.4/31, MS3.2/9, 14C-12D, Leyte

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like MSLP Maasin, SCPH Surigao, SCPH Surigao, etc.

IDC 15 16:34:48.7 ± 2.3, 12.96N, 91.01W, h10km, ML4.9 IDC 15 16:34:49.6 ± 0.7, 13.76N, 90.29W, h0km, mb4.5/19, mbmp4.5/22, ML4.2/3, MS4.3/39, Error ellipse: s-maj=28.8km s-min=13.0km az=48.0

GCMT 15 16:34:52.0 ± 0.3, 13.13N, 0.01E, 91.20W, 0.02, h14km, MW5.0/105, Moment Tensor Solution, s55, c76; s105, c73; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=2.68, 1.2; Mw=2.41, 0.6; Mw=2.26, 0.9; Mw=1.64, 1.9; GNET Mw=0.61, 0.6; Mw=1.36, 2.3; Best double couple: 1.02, 0.000000; NP1=0.119, 0.000000; 865, 0.000000; 1.02, 0.000000; NP2=0.273, 0.000000; 828, 0.000000; 1.66, 0.000000.

Principal axes: T 3.5150, Plg68.000000, Azm53.000000; N -0.2830, Plg11.000000, Azm294.000000; P -3.2310, Plg19.000000, Azm20.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function INET 15 16:34:52.5 ± 1.1, 13.16N, 90.82W, h15km, ML4.8 NEIC 15 16:34:53.5 ± 1.9, 13.27N, 0.07E, 90.78W, 0.06, h35km, 2km, mb4.8/22, Mh4.9/32, Error ellipse: s-maj=12.5km s-min=9.8km az=23.0

ISC-EH 15 16:34:55.1, 13.32N, 90.72W, h57km, 2km, Error ellipse: s-maj=4.6km s-min=2.1km az=47.0

GCG 15 16:35:00.9 ± 0.3, 14.21N, 91.02W, h88km, 15km, MD4.4 ISC 15 16:35:02.4 ± 0.5, 13.25N, 0.04E, 90.82W, 0.04, h31km, 3km, n514, α1540/432, mb4.8/123, MS4.3/42, 2C-1N, Near coast of Solomon Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like HNR Honiara, SONM Songoing Array, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like MK31 Makanchi, MAK2 Makanchi, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like KURK Kurchatov, KAKR Karatay Array, BKZ Black Stump Fm, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like M24K Tolsona, BMAR Burnt Mountain, BARN Barnard Glacier, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like VVND Vanda, DAVOX Davos/Dischmat, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like PCG Pacaya, FULG Fuego 3, SUGM Suctitepequez, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like RTAL Retalhuleu, BOGS Boqueron, GNET Guaymas Est T, etc.

15d 16h

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like PETF Flores, WATN Matagalpa, BOAB BOACO BROADBAN, CMIG Matias Romero, etc.

2016 DEC

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like FNO Franklin, MNTX Cornudas Mt, LCAR Lake Charles, BAUV El Baul, etc.

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Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like I37A Lemond, Waseca, ECSD ECRD Data Cent, O20A White River Ci, etc.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, 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 Lurch, Elevation Lurch, Azimuth Slew, Elevation Slew, Azimuth Dwell, Elevation Dwell, Azimuth Turn, Elevation Turn, Azimuth Stop, Elevation Stop, Azimuth Start, Elevation Start, Azimuth End, Elevation End, Azimuth Duration, Elevation Duration, Azimuth Offset, Elevation Offset, Azimuth Phase, Elevation Phase, Azimuth Mode, Elevation Mode, Azimuth State, Elevation State, Azimuth Error Code, Elevation Error Code, Azimuth Warning, Elevation Warning, Azimuth Alarm, Elevation Alarm, Azimuth Fault, Elevation Fault, Azimuth Status, Elevation Status, Azimuth Health, Elevation Health, Azimuth Power, Elevation Power, Azimuth Temperature, Elevation Temperature, Azimuth Humidity, Elevation Humidity, Azimuth Pressure, Elevation Pressure, Azimuth Wind Speed, Elevation Wind Speed, Azimuth Wind Direction, Elevation Wind Direction, Azimuth Rain Rate, Elevation Rain Rate, Azimuth Snow Rate, Elevation Snow Rate, Azimuth Ice Rate, Elevation Ice Rate, Azimuth Fog Rate, Elevation Fog Rate, Azimuth Cloud Rate, Elevation Cloud Rate, Azimuth Visibility, Elevation Visibility, Azimuth Temperature, Elevation Temperature, Azimuth Humidity, Elevation Humidity, Azimuth Pressure, Elevation Pressure, Azimuth Wind Speed, Elevation Wind Speed, Azimuth Wind Direction, Elevation Wind Direction, Azimuth Rain Rate, Elevation Rain Rate, Azimuth Snow Rate, Elevation Snow Rate, Azimuth Ice Rate, Elevation Ice Rate, Azimuth Fog Rate, Elevation Fog Rate, Azimuth Cloud Rate, Elevation Cloud Rate, Azimuth Visibility, Elevation Visibility.

2016 DEC

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 Lurch, Elevation Lurch, Azimuth Slew, Elevation Slew, Azimuth Dwell, Elevation Dwell, Azimuth Turn, Elevation Turn, Azimuth Stop, Elevation Stop, Azimuth Start, Elevation Start, Azimuth End, Elevation End, Azimuth Duration, Elevation Duration, Azimuth Offset, Elevation Offset, Azimuth Phase, Elevation Phase, Azimuth Mode, Elevation Mode, Azimuth State, Elevation State, Azimuth Error Code, Elevation Error Code, Azimuth Warning, Elevation Warning, Azimuth Alarm, Elevation Alarm, Azimuth Fault, Elevation Fault, Azimuth Status, Elevation Status, Azimuth Health, Elevation Health, Azimuth Power, Elevation Power, Azimuth Temperature, Elevation Temperature, Azimuth Humidity, Elevation Humidity, Azimuth Pressure, Elevation Pressure, Azimuth Wind Speed, Elevation Wind Speed, Azimuth Wind Direction, Elevation Wind Direction, Azimuth Rain Rate, Elevation Rain Rate, Azimuth Snow Rate, Elevation Snow Rate, Azimuth Ice Rate, Elevation Ice Rate, Azimuth Fog Rate, Elevation Fog Rate, Azimuth Cloud Rate, Elevation Cloud Rate, Azimuth Visibility, Elevation Visibility.

15d 16h

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 Lurch, Elevation Lurch, Azimuth Slew, Elevation Slew, Azimuth Dwell, Elevation Dwell, Azimuth Turn, Elevation Turn, Azimuth Stop, Elevation Stop, Azimuth Start, Elevation Start, Azimuth End, Elevation End, Azimuth Duration, Elevation Duration, Azimuth Offset, Elevation Offset, Azimuth Phase, Elevation Phase, Azimuth Mode, Elevation Mode, Azimuth State, Elevation State, Azimuth Error Code, Elevation Error Code, Azimuth Warning, Elevation Warning, Azimuth Alarm, Elevation Alarm, Azimuth Fault, Elevation Fault, Azimuth Status, Elevation Status, Azimuth Health, Elevation Health, Azimuth Power, Elevation Power, Azimuth Temperature, Elevation Temperature, Azimuth Humidity, Elevation Humidity, Azimuth Pressure, Elevation Pressure, Azimuth Wind Speed, Elevation Wind Speed, Azimuth Wind Direction, Elevation Wind Direction, Azimuth Rain Rate, Elevation Rain Rate, Azimuth Snow Rate, Elevation Snow Rate, Azimuth Ice Rate, Elevation Ice Rate, Azimuth Fog Rate, Elevation Fog Rate, Azimuth Cloud Rate, Elevation Cloud Rate, Azimuth Visibility, Elevation Visibility.

DSN 15 16:35:07.2,4.8,27:13N:61:14E, h10km, ML3.0/6, Error ellipse: s-maj=66.2km, s-min=20.5km, az=175.0
OMAN 15 16:35:36.8,2.0,25:86N:59.03E, h10km, ml2.4/8, Error ellipse: s-maj=27.5km, s-min=8.6km, az=23.0
ISC 15 16:35:17.2,4.4,26:8N:02:60.3E,0.2,h10km,n23, @1941/24,Southern Iran
Code Station Name Az AZ Phase ID Time Res
JASK Jask - Hormozg SNR=26 2.41 248 P Op ISB h m s ISC
BANOM Banah 3.73 257 P S Sn 16 36 10.8 -15
BANOM Banah 3.73 257 P S Sn 16 37 08.8 +0.4
SHME Shamm 3.84 260 P Pn 16 36 17.5 +1.1
MDH Madha SNR=18 3.93 249 P Pn 16 36 17.9 +0.3
MDH Madha 3.93 249 P Pn 16 36 17.5 -0.2
MASF Masafi 4.02 250 P Pn 16 36 18.8 -0.1
UOSS Minazif 4.16 245 P Pn 16 36 20.5 -0.3
UOSS Minazif 4.16 245 P Pn 16 36 20.4 -0.4
HOQ Hoqain 4.22 221 P Pn 16 36 21.4 -0.2
SNR=17

Table of astronomical objects with columns for name, coordinates, magnitude, and other details. Includes objects like WRA Warramunga Arr, ASAR Alice Springs, and various other stars and galaxies.

Table of astronomical objects with columns for name, coordinates, magnitude, and other details. Includes objects like ILAR Eielson Array, G08A Pilot Rock, and various other stars and galaxies.

Table of astronomical objects with columns for name, coordinates, magnitude, and other details. Includes objects like WRA Warramunga Arr, ASAR Alice Springs, and various other stars and galaxies.

15d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JSD Sado, MJAR Matsushiro Arr, MAJO Matushiro, etc.

WEL 15:17:50.29.2.0.3.42 S12*17.4E1, h5km, M2.9/26, ML3.1/14, MLV2.9/26, Error ellipse: s-maj=0.0km s-min=0.0km az=133.8, confirmed

NOU 15:17:50.31.1.42.22S:173.24E, h0km, MLV3.8/7, South Island, New Zealand

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHZ Kahutara, BSWZ Blackbirch Sta, CMWZ Cape Campbell, etc.

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Table with columns: AKCZ Akaroa Harbour, MRZ Mangatoinaka R, RACZ Rakaiia, etc. Includes station codes and times.

IDC 15:18:01:50.7.4.4, 11:17Sx160.68E, h0km, mb3.5/3, mbmp3.5/3, MS3.3/1, Error ellipse: s-maj=91.9km s-min=26.1km az=97.0, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, WRA Warramunga Arr, STKA Stephens Creek, etc.

IDC 15:18:07:16.6.1.6, 2.24S:139.49E, h0km, mb3.6/5, mbmp3.6/6, ML3.7/1, MS3.3/2, Error ellipse: s-maj=53.1km s-min=25.0km az=89.0

IDC 15:18:07:21.1.4.2, 2.35S:101.139E, h0km, n8, c0924/6, mb3.6/5, Near north coast of Irian Jaya

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

KOLA 15:18:07:42.5.66:18N:20:23E, h0km, ML2.9

IDC 15:18:07:46.0.0.8, 67.13N:21.33E, h0km, mbmp3.2/4, ML2.2/4, Error ellipse: s-maj=14.8km s-min=6.6km az=115.0

UPP 15:18:07:48.9.1.6, 67.06N:20.89E, h0km, ML2.3, Explosion

BER 15:18:07:48.9.1.7, 67.06N:21.10E, h0km, ML1.9, Suspected explosion

IDC 15:18:07:45.7.0.8, 67.06N:0.003:20.92E, h0km, n35, c113/50, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MASU Masugnshbyn, PAJU Pajala, HARU Harads, etc.

MOR8 Mol Rana, MOR9 Jettan, Norway, TRO Tromso

ARA0 ARCESS Array S, ARA1 Jettan, Norway

ARA0 ARCESS Array S, ARA1 Jettan, Norway

ARA0 ARCESS Array S, ARA1 Jettan, Norway

ARA0 ARCESS Array S, ARA1 Jettan, Norway

ARA0 ARCESS Array S, ARA1 Jettan, Norway

ARA0 ARCESS Array S, ARA1 Jettan, Norway

ARA0 ARCESS Array S, ARA1 Jettan, Norway

ARA0 ARCESS Array S, ARA1 Jettan, Norway

ARA0 ARCESS Array S, ARA1 Jettan, Norway

ARA0 ARCESS Array S, ARA1 Jettan, Norway

ARA0 ARCESS Array S, ARA1 Jettan, Norway

ARA0 ARCESS Array S, ARA1 Jettan, Norway

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Table with columns: NOA NORSAR Array B, HFS Hagfors, NB000 NORSAR Array S, etc. Includes station codes and times.

IDC 15:18:08.01.4.1.8, 0.46N:121.44E, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=185.8km s-min=28.9km az=62.0

DJA 15:18:08:14.6.0.6, 1 N6.6*12.2E2, h82km, 7km, M3.5/8, b0ne, MLV3.3/8

ISC 15:18:08:13.8.1.0, 0.55N:0.09:121.56E:0.07, h113km, n10, c130/11, mb3.4/3, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, APRI Ampiana, GTOI Gorontalo, etc.

IDC 15:18:08:36.7.4.8, 12.70N:91.04W, h0km, mb3.2/2, mbmp3.3/3, ML3.1/1, MS3.2/3, Error ellipse: s-maj=428.6km s-min=57.5km az=47.0, Off coast of Central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, TXAR Lajitas Array, TKL Tacklechee C, etc.

IDC 15:18:23:35.9.2.7, 19.02N:145.64E, h226km, 25km, mb3.4/15, mbmp4.0/17, Error ellipse: s-maj=19.7km s-min=1.0 km az=87.0

NEIC 15:18:23:35.6.1.7, 19.01N:145.64E:0.1, h215km, 8km, mb4.3/41, Error ellipse: s-maj=16.6km s-min=6.4km az=54.0

ISC-EH 15:18:23:35.1.1, 19.03N:145.58E, h214km, Error ellipse: s-maj=9.7km s-min=4.8km az=109.0

ISC 15:18:23:34.7.0.5, 18.96N:106.145E:0.1, h214km, n68, c1909/63, mb4.1/33, Mariana Islands

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

JMM Matsuji, H1S13 WAKE ISLAND Hy 19.95 88 T

H1S11 WAKE ISLAND Hy 19.96 88 T

H1S12 WAKE ISLAND Hy 19.97 88 T

KSRS Korea Array, SJJI Sorong

LUWI Luwuk, TOLIZ Tolitoli

COEN Coen, MTN Manton Dam

SBUM Sibiu, WRB Warramunga Arr

WRB Warramunga Arr, WRAB Tennant Creek

WB2 Warramunga Arr, WB2 Warramunga Arr

WRA Warramunga Arr, FITZ Fitzroy Crossi

SONM Songino Array, AS31 Alice Springs

ASAR Alice Springs, ASAR Alice Springs

CMAR Chiang Mai Arr, MBWA Marble Bar

PSA00 Pilbara Seismi, STKA Stephens Creek

FORT Forest, MORW Morawa

ZALV Zalesovo Beam, MK31 Makanchi Array

15d 20h

TTN	Taitung	0.20 249	↑P	Pb	20 05 06.1	-1.1
TTN	baz=233			Sb	20 05 09.6	-0.7
LONT	Longtian	0.22 292	↓P	Pb	20 05 05.2	-2.3
TWGBT	Beinan	0.25 268	P	Pb	20 05 07.0	-1.2
TWGBT	Beinan	0.25 268	↑P	Pb	20 05 06.1	-2.1
TWGBT	baz=262			Sb	20 05 11.0	-1.1
TWG	Pinlang	0.26 269	↑P	Pb	20 05 06.1	-2.3
CHKT	Chengkung	0.27 3	↓P	Pg	20 05 07.9	-0.6
CHKT	baz=14			Sb	20 05 12.4	+0.5
ECS	Chishang	0.29 336	↑P	Pg	20 05 08.0	-0.9
ECS	baz=347			Sg	20 05 13.6	+0.3
EHD	Haiduan	0.35 338	↑P	Pg	20 05 07.5	-2.3
FULB	Fuli	0.37 352	↓P	Pg	20 05 09.2	-1.1
FULB	baz=9.0			Sg	20 05 15.6	0.0
ECL	Taimali	0.43 238	↑P	Pg	20 05 09.7	-1.5
ELDTW	Lidau	0.47 320	↑P	Pg	20 05 10.2	-1.9
ELDTW	baz=322			Sb	20 05 16.9	-1.7
ECBN	Changbin	0.50 11	↓P	Pg	20 05 10.8	-1.8
ECBN	baz=7.0			Sg	20 05 18.4	-0.8
EYUL	Yuli	0.52 357	↑P	Pb	20 05 11.8	-1.1
TWF1	Yuli	0.53 355	↑P	Pb	20 05 11.7	-1.4
TWF1	baz=343			Sb	20 05 19.7	-0.6
YULB	Yu-li	0.56 355	P	Pb	20 05 12.6	-1.1
YULB	baz=343			Pb	20 05 12.1	-1.6
YULB	baz=343			S	20 05 19.4	-2.1
TAW	Tawu	0.63 222	↑P	Pb	20 05 13.6	-1.1
TAW	baz=230			Sb	20 05 21.8	-1.4
STYH	Taoyuan	0.63 303	↑P	Pb	20 05 12.2	-2.6
EAST	Anshuo	0.64 226	↑P	Pb	20 05 13.7	-1.3
STYT	Taoyuan	0.64 302	↑P	Pb	20 05 13.2	-1.8
STYT	baz=302			Sb	20 05 21.0	-2.7
TAWH	Dawu Township	0.65 221	↑P	Pb	20 05 12.9	-2.2
TSMG	Majia	0.66 260	↑P	Pb	20 05 13.6	-1.7
TSMG	baz=257			Sb	20 05 21.3	-2.9
HGSD	Ruisui	0.67 6	↓P	Pb	20 05 14.3	-1.2
SSD	Sandimen	0.67 263	↑P	Pb	20 05 13.5	-1.9
SSD	baz=261			Sb	20 05 21.2	-3.2
SLGT	Luogui	0.67 285	P	Pb	20 05 13.6	-2.0
EHY	Hungye	0.68 358	↑P	Pb	20 05 13.9	-1.7
MASBT	Mashbuluo	0.69 252	↑P	Pb	20 05 14.2	-1.7
MASBT	baz=250			Sb	20 05 22.2	-3.0
SGST	Jiashian	0.75 290	↑P	Pb	20 05 14.8	-2.1
SGST	baz=296			S	20 05 25.2	-1.6
YUS	Yu-Shan	0.75 331	↓P	Pb	20 05 15.4	-1.9
YUS	baz=333			Sb	20 05 25.4	-2.0
SCST	Cishan	0.79 274	↑P	Pb	20 05 16.4	-1.2
SLIU	Shizi	0.79 220	↑P	Pb	20 05 16.1	-1.5
WTP	Ta-pu	0.80 302	↑P	Pb	20 05 16.6	-1.1
WTP	baz=302			Sb	20 05 27.7	-0.5
SGLT	Jiuru	0.80 263	↑P	Pb	20 05 16.1	-1.6
LTSP	Pingtung City	0.80 259	↑P	Pb	20 05 17.1	-0.7
TSAY	Lan-yu	0.81 167	↑P	Pb	20 05 16.4	-1.5
SCZT	Fangliang	0.81 236	↑P	Pb	20 05 16.6	-1.3
TPUB	Ta-pu	0.81 306	P	Pb	20 05 17.3	-0.7
TPUB	baz=305			Pb	20 05 16.9	-1.1
TPUB	baz=305			Sb	20 05 27.9	-0.8
CHN1	Nanshi	0.84 295	↑P	Pb	20 05 17.7	-0.7
CHN1	baz=301			Sb	20 05 29.7	+0.4
EGFH	Guangfu	0.84 5	eP	Pb	20 05 17.3	-1.2
ALS	Alishan	0.84 324	↑P	Pb	20 05 17.4	-1.3
LYUB	Lan-yu	0.85 165	eP	Pb	20 05 15.8	-2.8
TWM1	Shoushan	0.85 270	↑P	Pb	20 05 18.6	-0.1
CHN4	Tsushan	0.87 307	↑P	Pb	20 05 17.1	-1.8
CHN4	baz=307			Sb	20 05 31.1	+0.8
SNST	Tainan City	0.88 297	↑P	Pb	20 05 20.0	+0.9
TEGC	Jichi Village	0.90 11	eP	Pb	20 05 18.4	-1.0
TEGC	baz=355			Sb	20 05 31.9	+0.8
TWK	Hsiinying	0.91 299	↑P	Pb	20 05 18.7	-0.9
TWK	baz=299			Sb	20 05 32.5	+1.1
WCKO	Fanlu	0.92 312	↑P	Pb	20 05 17.9	-1.8
WCKO	baz=320			S	20 05 31.0	-0.6
SMST	Manzhou Township	0.93 211	eP	Pb	20 05 18.3	-1.7
SNJT	Kaohsiung City	0.94 266	eP	Pb	20 05 19.0	-1.1
CHN3	Shinhua	0.94 286	↑P	Pb	20 05 20.8	+0.7
CHN3	baz=284			Sn	20 05 35.4	+1.7
SHHT	Tainan City	0.94 282	eP	Pb	20 05 19.2	-1.0
VWDT	WYDT	0.94 348	↑P	Pb	20 05 18.8	-1.4
WHYT	Xinyi Township	0.98 332	↑P	Pb	20 05 19.9	-0.9
CHN5	Tsauling	0.98 321	eP	Pb	20 05 19.1	-1.9
ESL	Shilin	0.99 5	eP	Pb	20 05 18.7	-2.3
HEN	Hengchung	0.99 215	eP	Pb	20 05 21.2	+0.2
KAU	Kaohsiung	0.99 255	eP	Pg	20 05 22.3	+0.6
TSEB	Hengchuen, Pin	1.01 204	eP	Pb	20 05 18.1	-3.2
TWKBT	Hengchun	1.01 209	eP	Pb	20 05 20.0	-1.4
TWK1	Hengchun	1.01 210	eP	Pb	20 05 19.9	-1.5
WSSB	Gushan	1.02 260	eP	Pg	20 05 22.9	+0.7

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SSLB	Suanguilung	1.02 339	↑P	Pb	20 05 20.6	-1.0
SSLB	Suanguilung	1.02 339	↓P	Pb	20 05 20.1	-1.5
SSLB	baz=348			Sb	20 05 34.0	-0.7
SSHA	Shanhua	1.02 288	eP	Pb	20 05 22.2	+0.6
SSHA	baz=286			Sg	20 05 37.9	+2.1
TWP	Hsioliuchiu	1.03 242	↑P	Pg	20 05 23.4	+1.0
TAI1	Yung-kang	1.05 282	eP	Pn	20 05 22.8	+0.6
TEYL	Yanliu Villag	1.06 12	eP	Pb	20 05 21.4	-0.9
TEYL	baz=357			eS	20 05 36.6	+0.8
CHN2	Minshung	1.07 311	eP	Pb	20 05 22.0	-0.3
CHY	Chiayi	1.08 308	eP	Pn	20 05 22.0	-0.6
ICHU	Yijhu	1.12 299	P	Pn	20 05 23.1	0.0
ICHU	baz=297			eS	20 05 39.4	+0.6
SCLT	Jiali	1.12 288	eP	S	20 05 23.2	+0.1
SCLT	baz=287			S	20 05 39.6	+0.9
WGK	Gukeng	1.12 320	↑P	Pn	20 05 23.1	-0.1
WGK	baz=319			S	20 05 39.3	+1.2
SMLT	Sun Moon Lake	1.13 339	↑P	Pb	20 05 22.5	-0.9
SMLT	baz=347			eS	20 05 38.8	+1.0
WDLH	Douliu	1.14 319	↓P	Pn	20 05 23.4	0.0
WDLH	baz=318			S	20 05 39.9	+0.6
ETM	Tongmen	1.14 7	eP	Pn	20 05 20.8	-2.7
WJS	Zhushan	1.14 330	↓P	Pn	20 05 23.7	+0.2
WJS	baz=336			Sn	20 05 39.6	+0.9
TYC	Yuch	1.16 337	eP	Pn	20 05 23.4	-0.4
CHN8	Yiju	1.17 296	eP	Pn	20 05 23.6	-0.3
CHN8	baz=295			S	20 05 40.7	+0.3
HWA	Hwaiien	1.17 12	eP	Pn	20 05 22.9	-1.0
WUSB	Renai	1.18 350	eP	Pn	20 05 22.6	-0.1
TSCK	Chiou Township	1.21 286	eP	Pn	20 05 23.3	-1.1
WNT	Mingjian	1.21 330	↑P	Pn	20 05 25.0	+0.6
WNT	baz=329			S	20 05 42.0	+0.3
WTK	Tuku	1.23 314	eP	S	20 05 24.8	+0.1
WTK	baz=313			S	20 05 42.7	+0.4
WPL	Puli Township	1.23 343	eP	Pn	20 05 24.1	-0.7
CHGB	Renai	1.24 353	↓P	Pn	20 05 23.4	-1.6
WNT1	Nantou City	1.24 330	P	Sg	20 05 25.3	+0.5
WNT1	baz=329			S	20 05 42.9	+0.3
WSL	Shulin Townsh	1.24 304	eP	Pn	20 05 23.9	-1.0
DPDB	Guoxing	1.26 342	eP	Pn	20 05 24.8	-0.4
DPDB	baz=351			Sb	20 05 42.8	+1.1
TWD	Chiawan	1.27 10	eP	Pn	20 05 23.2	-2.0
WCS	Beigang Elemen	1.29 342	eP	Pn	20 05 24.4	-1.1
WSF	Szhu	1.31 308	eP	Pn	20 05 25.6	-0.2
WSF	baz=307			Sb	20 05 43.8	+0.8
WHF	Hehuan Shan	1.31 357	eP	Pn	20 05 24.7	-1.6
WHF	baz=356			Sn	20 05 43.3	-0.3
WYL	Fuzin Townsh	1.33 328	P	Pn	20 05 27.0	+0.9
WYL	baz=327			eS	20 05 46.2	+0.6
ETL	Fush Village	1.35 11	eP	Pn	20 05 25.5	-0.9
WWF	Wufeng	1.35 334	eP	Pn	20 05 26.1	-0.2
WWF	baz=332			Sb	20 05 45.6	+1.5
NACB	Ninganchiao	1.36 10	P	Pn	20 05 24.9	-1.6
NACB	Ninganchiao	1.36 10	P	Pn	20 05 24.2	-2.3
ETLH	Xiulin Townshi	1.38 5	eP	Pn	20 05 25.0	-1.9
WRL	Guolierlin Hig	1.39 320	eP	Sb	20 05 26.3	-0.6
WRL	baz=307			S	20 05 46.0	+0.7
FUSS	Fushou	1.42 356	eP	Pn	20 05 26.4	-1.2
WTCT	Ta-ch'eng	1.42 317	eP	Pn	20 05 26.9	-0.5
WTCT	baz=304			eS	20 05 46.3	+0.6
TWT	Tachien	1.43 354	eP	Pn	20 05 27.0	-0.6
TDCB	Techi	1.43 353	eP	Pn	20 05 26.6	-1.0
WCHH	Zhanghua	1.44 330	eP	Pn	20 05 28.7	+1.1
WCHH	baz=328			eS	20 05 49.1	+0.1
TCU	Taichung	1.45 335	eP	Pb	20 05 29.2	+0.3
WHP	Taichung City	1.49 346	eP	Pn	20 05 29.4	+1.0
NNSH	Datong	1.59 1	eP	Pn	20 05 27.6	-2.3
TWQ1	Liyutan	1.60 341	↓P	Pn	20 05 31.1	+1.2
TWQ1	baz=337			eS	20 05 53.2	+1.8
NNS	Nan Shan	1.61 1	eP	Pn	20 05 28.3	-1.7
WDGT	Dungli	1.61 286	eP	Pn	20 05 29.5	-0.5
ENIA	Nanau	1.63 13	eP	Pn	20 05 29.4	-0.9
WDJ	Dajia District	1.65 337	eP	Pn	20 05 31.9	+1.4
EWUT	Wuta	1.66 14	eP	Pn	20 05 29.3	-1.3
NSY	Sanyi	1.67 341	eP	Pn	20 05 32.0	-2.0
NSY	baz=338			eS	20 05 33.5	+1.3
LATG	Datong	1.71 5	eP	Pn	20 05 30.4	-1.0
PHUB	P'eng-hu	1.77 293	eP	Pn	20 05 31.6	-0.5
NDT	Datong Townshi	1.77 5	eP	Pn	20 05 30.2	-2.0
NMLH	Miaoili	1.78 343	eP	Pn	20 05 33.1	+1.3
PNGH	Penghu	1.81 294	eP	Pn	20 05 32.1	-0.5
VCHM	Gimei	1.81 283	eP	Pn	20 05 31.7	-1.0
NFF	Wufeng Townshi	1.81 353	eP	Pn	20 05 32.4	-0.3
ENTT	Nioudou	1.82 6	eP	Pn	20 05 30.7	-2.0
NSTT	Nanjuang	1.82 350	eP	Pn	20 05 34.0	+1.1

1100

NDS	Dongshan	1.83 11	eP	Pn	20 05 32.8	-0.2
TWC	Suao	1.83 14	eP	Pn	20 05 33.0	0.0
YHNB	Yeheng	1.83 1	P	Pn	20 05 33.3	+0.2
YHNB	Yeheng	1.83 1	eP	Pn	20 05 32.9	-0.2
LIQB	Emei	1.84 351	eP	Pn	20 05 34.2	+1.2
NSK	Sanguang	1.84 0	eP	Pn	20 05 31.7	-1.5
TWE	Neicheng	1.91 9	eP	Pn	20 05 33.4	-0.6
NJD	Zhudong	1.92 353	eP	Pn	20 05 35.9	+1.8
FUSB	Fushanzhiwuyua	1.94 6	eP	Pn	20 05 34.2	-0.3
NWLT	Wulai	1.95 4	eP	Pn	20 05 33.9	-0.7
SBCB	Hsinchu	1.98 350	eP	Pb	20 05 37.1	-0.9
NHHD	Xindian Distri	2.13 4	eP	Pn	20 05 37.2	+0.1
TATO	Tai					

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SANI, MTN, RABL, LUWI, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, Time, Res. Includes stations like NRK, GEYT, ILAR, CNRM, SFS, MDD, INMG, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, Time, Res. Includes stations like PMRV, EPLA, GUDR, EIBI, etc.

Table of flight data for 1105, listing airlines (TBI, SBUM, MAJO, etc.), destinations, and flight numbers.

Table of flight data for 2016 DEC, listing airlines (BJI, XAN, KMI, etc.), destinations, and flight numbers.

Table of flight data for 15d 22h, listing airlines (GTA, SONM, BRDH, etc.), destinations, and flight numbers.

15d 22h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like QSPA South Pole Qui, CAPN Captain Cook N, M20K Styx River, etc.

2016 DEC

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like G21K Allakaket, VRED Verde Repeater, NEA2 Nenana, etc.

1106

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like E24K Your Creek, FYU Fort Yukon, TOLK Toolik Lake Re, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like MPMC Manual Prospec, NV11 Mina Array Sit, MONP2 Monument Peak, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like KURSB Kurchatov Arra, HLID Hailey, LPIG La Paz, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like NB2 NORSAR Subarrat24,22,343, NOA NORSAR Array B124,22,343, LPAZ La Paz, etc.

15d 23h

Table with columns: Station Name, Time, Res, and other identifiers. Includes stations like PMG Port Moresby, DZM Mont Dzumac, etc.

2016 DEC

Table with columns: Station Name, Time, Res, and other identifiers. Includes stations like J26L Dawson, DAWY Dawson, etc.

1108

Table with columns: Station Name, Time, Res, and other identifiers. Includes stations like AKASG Malin Array Be, EKA Eskdalemuir Ar, etc.

NCEDC 15 23:49:08.3:1.9, 38.64N:0.0:1.121:87W:0.02, h16km, 4km, ML3:0/0, ML3:1/72(NEIC), Error ellipse: s-maj=2.1km

NEIC 15 23:49:08.4:3.4, 38.63N:0.02:1.121:89W:0.03, h21km, 5km, Error ellipse: s-maj=3.4km s-min=2.9km az=188.0, Northern California

Table with columns: Code, Station Name, Time, Res, and other identifiers. Includes stations like NDHM Dunning Hills, NPM Berryessa Peak, etc.

Table with columns: LHV, comp, IAML, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like Planet X, Geri, Mins Array, Kaiserville, Modoc Plateau, etc.

KRSC 15 23:57:05.0-5.0, 53.96N-160.33E, h102km, 12km, ML3.7
IDC 15 23:57:06.0-2.0, 54.17N-160.02E, h119km, 21km, mb2.9/6,

ISC 15 23:57:05.7-0.5, 53.99N-160.04E, h118km, 7km, n33, a1510/48, mb3.1/6, Near east coast of Kamchatka Peninsula

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists numerous stations including Mys Shipunski, Nalytchevo, Somma, Avacha, etc.

IDC 16 00:15:31.3-7.3, 9.33S-128.29E, h0km, mb3.6/1, mbmtop3.2/3, ML3.1/2, Error ellipse: s-maj=122.6km

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes Warramunga Arr, Alice Springs, Stephens Creek, etc.

UPA 16 00:34:17.5-5.6, 6.197N-88.92W, h76km, 999km, MW4.9
INET 16 00:34:25.0-1.6, 12.59N-81.00W, h16km, ML 4.7
NEIC 16 00:34:26.4-1.9, 13.21N-0.06E-90.84W, 0.09, h10km, 1km,

GCG 16 00:34:37.0-0.5, 14.19N-91.02W, h66km, 16km, MD4.3
ISC 16 00:34:28.1-0.4, 13.23N-0.05E-90.88W, 0.04, h33km, n81,

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

comp=E, 2.0m, 0.6s SNR=4.3

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists numerous stations including Flores, Telica, Cerro Negro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes Chaparral WMA, Yotoco, Guayana, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes Westbrook Farm, Brewton, El Rosal, etc.

Main station list table with columns: PORT, Chimborazo Vol, Chingaya, Blakely, etc. Includes various stations and their parameters.

16d Oh

Table with columns for station name, frequency, power, and other technical details. Includes stations like Mountain Grove, Cape Girardeau, Nancy, Douglas, Carthage, Albuquerque, Littleton, Paris, Tucson, Sycamore, etc.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like Bob, Littleford, Kaiserville, Battle Mountain, Hailey, Bear Canyon, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like DBIC, HFS Hagfords, ARCES ACCESS Array B, TORO Torodi Ar, etc.

Table with columns: TIR, KZN, NYDR, KEF3, KZM, EVGI, FSK, THL, KEF4, PVR, KIP3, VLS, LIT, PSDA, WAKR, ANX, AGG, GRG, EFF, SERG, STC, BCI. Includes station names, coordinates, and various parameters.

WEL 16:01:00:19.6:0.3:42'S:2°17'4E, h5km, M3.1/34, ML3.4/19, MLV3.1/34, Error ellipse: s-maj=0.0km

Large table listing station names (e.g., BSWZ, CMWZ, KHZ, TUWZ, THZ, NNZ, TCW, MRNZ, WEL, TNKZ, GVZ, DUWZ, PLWZ, CAW, LTZ, PAWZ, KIW, QRTZ, AMCZ, DSZ, MTW, TRWZ, OGWZ, HOVZ, TMWZ, OKCZ, OXZ, INZ, MRZ, MOZ, AKCZ, RACZ, MHCZ, BFZ, WAZ, WACZ, DVHZ, WVZ, TSZ, RPZ, KHEZ, ARZ, PNHZ, MTVZ, PKVZ, VRZ, MOVZ, WNVZ, TRVZ, WHVZ, BHZ, FVZ, KHZ, TUZ, URZ) and their associated data.

WEL 16:01:01:06.8:40'S:40°17'6E, h1.9, h25km, 41km, M2.4/7, MLV2.4/7, Error ellipse: s-maj=0.1km s-min=0.0km

Table listing station names (e.g., KWHZ, RITZ, KATZ, KATZ, BKZ, BKZ, BKZ, KAHZ, WATZ, NMHZ, MTHZ, KUTZ) and their associated data.

TAP 16:01:04:58.9:22°85'N:121°23'E, h11km, ML3.6/C, NEIC 16:01:04:59.5:0.6:23'00N:0°04'12E, h10km, 2km, ML4.0(TAP), Error ellipse: s-maj=7.2km s-min=5.5km

ISC 16:01:04:59.4:0.8:22°89'N:0°02'12'E, h17km, 4km, m64, c107/84, TD, Taiwan region

Table listing station names (e.g., LONT, EDH, EDH, TWGBT, TWGBT, TTN, TTN, TWG, TWG, TWG, TWG) and their associated data.

Table listing station names (e.g., ECS, ECS, CHKT, EHD, EHD, FULB, LDUT, LDUT, ELDTW, ELDTW, ECL, ECL, EYUL, EYUL, TWF1, TWF1, ECBN, ECBN, STYH, STYH, YULB, YULB, STYT, STYT, SLGT, SLGT, SSD, SSD, TSMG, TSMG, TSMG, TSMG, TAW, TAW, MASBT, MASBT, EAST, EAST, SGST, SGST, SGST, SGST, EHY, EHY, HGSD, HGSD, TAWH, TAWH, YUS, YUS, YUS, YUS, SCST, SCST, TPUB, TPUB, TPUB, TPUB, SGLT, SGLT, SGLT, SGLT, CHN1, CHN1, CHN1, CHN1, ALS, ALS, CHN4, CHN4, TWM1, TWM1, SCZT, SCZT, TWK, TWK, SLIU, SLIU, WCKO, WCKO, CHN3, CHN3, SHHT, SHHT, CHN5, CHN5, VWDT, VWDT, WHYT, WHYT, LAY, LAY, WSSB, WSSB, SSSL, SSSL, SSSL, SSSL, SMST, SMST, CHN2, CHN2, WDLH, WDLH, SMLT, SMLT, WJS, WJS, TYC, TYC, WUSB, WUSB, NACB, NACB, YHNB, YHNB, YOJ, YOJ) and their associated data.

WEL 16:01:12:00:9.0:7.21°22'N:144°32'E, h0km, mb4.1/13, mbmp4.1/13, MS3.1/2, Error ellipse: s-maj=26.4km s-min=18.1km

Table listing station names (e.g., WDLH, WDLH, SMLT, SMLT, WJS, WJS, TYC, TYC, WUSB, WUSB, NACB, NACB, YHNB, YHNB, YOJ, YOJ, CHN2, CHN2, WDLH, WDLH, SMLT, SMLT, WJS, WJS, TYC, TYC, WUSB, WUSB, NACB, NACB, YHNB, YHNB, YOJ, YOJ) and their associated data.

ISC 16:01:12:06:2.0:8.21°22'N:0°11'44'E, h35km, m22, c077/115, mb4.0/13, Mariana Islands region

Table listing station names (e.g., GUM, GUM, H1N1, H1N1, H1N2, H1N2, H1S3, H1S3, H1N3, H1N3, H1S1, H1S1, H1S2, H1S2, KLR, KLR) and their associated data.

Table listing station names (e.g., SONM, WRA, ASAR, ZALV, MKAR, MKAR, ILAR, YKA, ARCES, NVAR, KBZ, ELK, FINES, LPAZ) and their associated data.

WEL 16:01:16:12.6:1.3, 2.111N:143.50E, h0km, mb3.6/5, mbmt3.6/5, Error ellipse: s-maj=63.4km s-min=22.7km

Table listing station names (e.g., KLR, WRA, ASAR, ZALV, ILAR) and their associated data.

WEL 16:01:20:56.4:1.5, 2.99S:130°55'E, h0km, mb4.0/2, mbmt3.9/4, ML3.8/2, Error ellipse: s-maj=56.5km s-min=21.3km

Table listing station names (e.g., SIJI, SIJI, WRA, ASAR, MKAR) and their associated data.

JMA 16:01:23:39.3:0.1, 24°5N:0°7'122'E, h0.2, h30km, 1km, MV2.6/10, NIW OFF ISHIGAKIJIMA IS

TAP 16:01:23:39.7:24°63'N:122°38'E, h18km, ML3.3/D, ISC 16:01:23:38.4:1.3, 24°64'N:0°03'122'E, h21km, 4km, m63, c090/90, Taiwan region

Table listing station names (e.g., JYNG, JYNG, YOJ, YOJ, TWC, TWC, TWB1, TWB1, EWUT, EWUT, TIPB, TIPB, NDS, NDS, ENA, ENA, SX11, SX11, TWE, TWE, TWE, TWE, NWF, NWF, NWF, NWF, FUSB, FUSB, ENT, ENT, ENT, ENT, LATG, LATG, NDT, NDT, NDT, NDT, TWA, TWA, NWL, NWL, ETL, ETL, NHDH, NHDH, NACB, NACB, YMO1, YMO1, YMO1, YMO1) and their associated data.

ISC 16:01:23:39.3:0.1, 24°5N:0°7'122'E, h0.2, h30km, 1km, MV2.6/10, NIW OFF ISHIGAKIJIMA IS

Table listing station names (e.g., JYNG, JYNG, YOJ, YOJ, TWC, TWC, TWB1, TWB1, EWUT, EWUT, TIPB, TIPB, NDS, NDS, ENA, ENA, SX11, SX11, TWE, TWE, TWE, TWE, NWF, NWF, NWF, NWF, FUSB, FUSB, ENT, ENT, ENT, ENT, LATG, LATG, NDT, NDT, NDT, NDT, TWA, TWA, NWL, NWL, ETL, ETL, NHDH, NHDH, NACB, NACB, YMO1, YMO1, YMO1, YMO1) and their associated data.

16d 1h

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

ICD 16:01:25:51.5:2.2,32.88N:116:02W,h0km,mtbtp3.0/3, ML3.4/3, Error ellipse: s-maj=27.6km s-min=10.0km az=45.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and other technical details. Includes stations like Carrizo Plain, In-Ko-Pah, etc.

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Large table listing various stations and their technical details, including call signs like ERRRC, CEAO, SALN, etc., and frequencies.

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Table listing stations and their technical details, including call signs like GLA, ELW, HMT, etc., and frequencies.

ISC-EH 16:01:33:13.7, 10.73S:161.76E, h35km, Error ellipse: s-maj=11.8km s-min=9.0km az=123.0

NEIC 16:01:33:14.4:2.1, 10.66S:0.05:161.77E:0.08, h38km,6km, mb4.5/19, Error ellipse: s-maj=12.2km s-min=6.6km az=103.0

ICD 16:01:33:17.5:2.3, 10.89S:161.53E, h68km,19km, mb4.0/12, mtbtp4.3/14, MS4.0/10, Error ellipse: s-maj=21.5km s-min=13.4km az=85.0

ISC 16:01:33:13.7:0.5, 10.74S:0.07:161.75E:0.07, h35km, n55, s143/47, mb4.5/21, MS3.8/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, and other technical details. Includes stations like HNR, KOUNC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalu, WRAB Tennant Creek, WBE2 Warramunga Arr, etc.

BUI 16:01:35:46.8:0.0, 3:39S, 128:38E, h51km, mb4.6/34, mB5.2/21, Ms4.9/6, Ms7.4/6/8, DJA 16:01:35:49.0:0.2, 3°S, 121°12'00"E, h10km, M5.0/18, mB5.3/14, mB5.4/12, MLV5.2/18, Mw(ME)4.8/12, IDC 16:01:35:49.2:2.6, 3:02S, 128:01E, h29km, 17km, mb4.4/19, mBmp4.5/19, ML5.4/2, MS4.0/11, Error ellipse: s-maj=17.8km s-min=8.3km az=70.0, ISC-EH 16:01:35:51.6:2.92S, 128:06E, h48km, 3km, Error ellipse: s-maj=5.8km s-min=3.5km az=64.0, NEIC 16:01:35:51.8:1.8, 2.85S, 128:03E, h47km, 3km, mb4.7/39, Error ellipse: s-maj=9.9km s-min=8.6km az=22.0, ISC 16:01:35:50.6:3.2, 91S, 128:05E, h38km, n174, e139/159, mb4.7/41, MS4.0/8, 1C, Ceram Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAJ Ambon, MAS1 Masohi, NLA1 Namlea, SAN1 Sanana, BND1 Bandanaira, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAPI Kappang, MPST1 Mapaga, DAV Davao City, MTN Mantion Dam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GTA comp=Z,150nm,7.5s, GTA comp=Z,120nm,17.4s, GTA comp=Z,210nm,18.2s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ORTC, PLMC, CZSB, etc.

IDC 16 02:05:13.5:1.1, 11.72Sx166.18E, h0km, mb4.0/10, mbtmp4.0/11, ML3.6/1, MS3.5/7, Error ellipse: s-maj=8.7km s-min=7.7km az=129.0

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

IDC 16 02:06:36.9:0.6, 29.15Sx61.21E, h0km, mb4.1/12, mbtmp4.2/13, ML4.2/1, MS3.8/20, Error ellipse: s-maj=25.3km s-min=17.7km az=46.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OPO, H0S1, H0S2, etc.

IDC 16 02:19:00.9:8.4, 29.32Sx60.93E, h0km, mb3.7/2, mbtmp3.7/3, ML3.6/1, Error ellipse: s-maj=569.8km s-min=36.7km az=31.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OPO, H0W1, H0W2, etc.

IDC 16 03:50:40.4:0.1, 65.56Sx0.07x179.4E, h0km, mb3.4/3, mbtmp3.4/3, MS3.5/1, Error ellipse: s-maj=471.5km

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

NNC 16 02:41:03.3:8.7, 36.89N:69.92E, h0km, mb3.9, mpv3.6, 4C-2D, Error ellipse: s-maj=74.6km s-min=61.8km az=21.0, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KK31, TKM2, AB31, etc.

IDC 16 03:14:25.6:3.1, 27.46N:140.66E, h0km, mb4.0/9, mbtmp4.0/10, ML3.6/1, Error ellipse: s-maj=72.0km s-min=64.4km az=53.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSRS, KLR, SONM, etc.

IDC 16 03:18:24.0:1.3, 29.23Sx61.16E, h0km, mb4.1/5, mbtmp4.0/6, ML4.0/1, MS3.4/5, Error ellipse: s-maj=61.3km s-min=23.7km az=26.0

IDC 16 03:18:25.5:1.4, 29.23Sx61.16E, h0km, mb4.1/5, mbtmp4.0/6, ML4.0/1, MS3.4/5, Error ellipse: s-maj=61.3km s-min=23.7km az=26.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OPO, H0S1, H0S2, etc.

IDC 16 03:50:39.8:0.7, 65.67Sx178.49E, h0km, mb4.2/7, mbtmp4.3/8, ML4.1/1, MS4.8/34, Error ellipse: s-maj=32.9km s-min=18.2km az=50.0

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

16d 4h

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Lists various stations like SBA Scott Base, VDA Vanda, VNZ Vanda, etc.

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Table with columns: SBUM, SibU, 82.95 292, P, Iamb, P, Iamb, 04 03 06.9 +1.6, 04 03 18.8. Lists stations like BOS Boshof, LPZA La Paz, LPZA La Paz, etc.

1116

Table with columns: LVC, Limon Verde, 2.29 306, P, Pn, 04 14 06.9 +0.7, 04 14 38.5 -0.2. Lists stations like LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

WEL 16 04:00:17.4-0.5, 42'S, 174°E, h12km, g3m, M3.4/32, ML3.7/14, MLV3.4/32, Error ellipse: s-maj=0.0km

Code Station Name Az AZ Phase ID Time Res ISC. Lists stations like KHZ Kahutara, KHZ Kahutara, BSWZ Blackbirch Sta, etc.

ISC-EH 16 04:13:22.8-0.8, 23°39'S, 66°73'W, h190km, 7km, mb4.0/14, mbmp4.5/22, Error ellipse: s-maj=11.6km s-min=9.6km az=44.0

NEIC 16 04:13:23.5-1.1, 23°39'S, 66°81'W, h204km, 1km, Error ellipse: s-maj=3.5km s-min=2.6km az=35.0

VAO 16 04:13:24.0-0.3, 23°39'S, 66°81'W, h201km, mb4.5 SJA 16 04:13:24.0-0.3, 23°39'S, 66°88'W, h180km, ML4.7

ISC 16 04:13:24.0-0.7, 23°39'S, 67°20'W, h240km, 5km, ML4.9 GUC 16 04:13:27.0-0.6, 23°38'S, 66°91'W, h207km, 5km, n252, 1911/246, mb4.5/15, CJUJuy Province

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC. Lists stations like SLA San Lorenzo, AF01 San Pedro de A, AF01 San Pedro de A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ETMB, PCMB, TRQA, NNA, CNLB, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ELS, SRU, RDMU, GSSW, TORD, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like EYUL, TWFI, TWF1, YULB, etc.

JMA 16 04:28:20.9: 0.6, 2.3 N2 x 12 1 E1, h0km, TAIWAN REGION

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like EDH, EDH, LDUT, etc.

16d 6h

Table with columns: WWF, Wufeng, 1.34 333 eP, Pn, 04 28 46.7 -0.0, etc. Includes stations like Xulin Townshi, WRL Guolierlin Hig, TWT Tachien, etc.

IDC 16 04:36:34.0-4.0, 37.36N:72.32E, h192km, 31km, mb3.5/7, mbtm4.0/13, MS3.7/2, Error ellipse: s-maj=41.8km s-min=25.2km az=147.0

NNC 16 04:36:36.5-0.38, 00N:72.13E, h0km, mb4.3, mpv3.9, Error ellipse: s-maj=38.9km s-min=24.9km az=169.0

ISC 16 04:36:36.7-1.3, 37.77N:0.17232E, h100, h200km, n28, 1553/32, mb3.6/6, 4C-6D, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, UCH Uchtor, EKS2 Erkin-Say, etc.

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Table with columns: FINES, ARCES, NB2, NOA, ESDC, TORD, YKA. Includes stations like FINES FINES Array B, ARCES ARCES Array B, etc.

JMA 16 04:41:59.8-0.2, 27.12N:127.88E, h106km, 2km, MV3.6/14, NW OFF OKINAWAJIMA IS

IDC 16 04:41:59.5-0.8, 27.50N:127.86E, h114km, 7km, mb3.3/6, mbtm3.6/7, Error ellipse: s-maj=42.1km s-min=16.3km az=80.0

ISC 16 04:41:59.1-0.8, 27.48N:127.56E, h108, h112km, 8km, n20, 0571/31, mb3.5/6, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JIH Iheya, JOKE Okinoerabujima, JOW Kunigami, etc.

IDC 16 04:48:42.0-15.0, 13.86N:89.57W, h0km, mb3.8/3, mbtm3.8/3, Error ellipse: s-maj=262.5km s-min=93.5km az=169.0

SNET 16 04:48:45.7-4.8, 12.98N:90.78W, h15km, 38km, ML3.2 GCG 16 04:48:53.9-0.3, 13.92N:91.02W, h84km, 16km, MD4.1

ISC 16 04:48:35.9-2.4, 12.62N:0.1-90.99W, 0.07, h13km, 13km, n18, 0886/22, Off coast of central America

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NUBE Las Nubes, SULM Suchitepequez, PCG Pacaya, etc.

IDC 16 05:49:43.2-6.7, 21.37N:143.19E, h0km, mb3.7/3, mbtm3.7/3, Error ellipse: s-maj=464.1km s-min=33.2km az=88.0, Mariana Islands region

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

NOU 16 05:54:58.1, 15.38S:167.48E, h83km, mb4.2/8, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DVP Devils Point, KOUNC Koumac, YATNC Mammie Plateau, etc.

ARE 16 05:54:56.3, 15.63S:0.10-75:0W, 0.1, h25km, 7km, Error ellipse: s-maj=0.0km s-min=0.0km az=149.0

NEIC 16 05:55:00.9-1.0, 15.98S:0.10-75:1W, 0.1, h41km, 17km, mb4.0/4, ML4.3(ARE), Error ellipse: s-maj=21.1km

1118

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NNA Nana, PB12 IPOC Station P, etc.

PLCA Paso Flores, 24.99 172 P IAMB P 06 00 20.5 -0.4

SDV Santo Domingo, 25.10 11 P P 06 00 21.7 -0.5

IDC 16 05:57:48.4-0.9, 15.88S:173.02W, h0km, mb4.2/9, mbtm4.2/10, ML4.8, 1.1, MS3.5/9, Error ellipse: s-maj=44.6km s-min=16.7km az=137.0

NEIC 16 05:57:52.5-1.2, 15.97S:0.07-172.8W, 0.2, h31km, 7km, mb4.5/14, Error ellipse: s-maj=21.4km s-min=10.7km az=86.0

NOU 16 05:58:12.6, 14.43S:171.90W, h86km, MLv4.0/5, Samoa Islands region

ISC 16 05:57:51.7-0.6, 15.95S:0.07-172.9W, 0.1, h26km, n43, 1912/30, mb4.4/16, MS3.6/19, Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 0K031 S. Brethren Rd, 0K030 Cody Creek RV, 0K033 Mehan, etc.

16:06:16:09:1.2, 1.20:92N:144:34E, h0km, mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=349.5km s-min=21.7km az=109.0, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11S3 WAKE ISLAND Hy 21.18 93 T, H11N1 WAKE ISLAND Hy 21.18 89 T, etc.

16:06:24:30.0-8.7, 5:07S:148:24E, h0km, mb3.3/3, mbtmp3.4/3, Error ellipse: s-maj=276.1km s-min=33.2km az=103.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr 20.04 221 P, ASAR Alice Springs 23.08 215 P, etc.

16:06:41:23.3, 38:02N:38:24E, h5km, ML3.5/15 DDA 16:06:41:24.6:0.0, 38:03N:38:22E, h15km, 1km, ML3.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAYA Malatya/Merkez 0.32 29 P, AKCD Akcadag 0.34 316 P, ATAB Bozova 0.58 174 P, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SUSE Kelkit 2.25 21 S, KELT Kelit 2.25 21 S, KAYSERI Yahyal 2.26 272 P, etc.

TAP 16:06:43:24.2, 23:96N:121:05E, h27km, ML2.0, 2C-ID, A, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WUSB Renai 0.07 59 P, WUSB Wuzhazhu 0.07 59 P, WPL Puli Township 0.10 303 eP, etc.

16:06:46:48:3.2, 6.51:58N:16:16E, h5km, mb4.5(NEIC) IPEC 16:06:46:49.0:3.51:50N:16:25E, h0km, 1km, ML4.2/4, Error ellipse: s-maj=2.5km s-min=1.2km az=31.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WWHF Hehuan Shan 0.27 46 eP, WDCB Tech 0.31 18 P, WHYT Xinyi Township 0.32 215 eP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima 0.49 328 P, YOJ Yonaguni jima 0.49 328 P, IRIF Iriomote-Funau 0.49 54 P, etc.

NNC 16:06:46:32.3:7.0, 54:03N:90:57E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=53.8km s-min=37.7km az=49.0, Suspected Icing explosion.

16:06:46:32.5:3.5, 53:66N:90:82E, h0km, mbtmp3.4/3, ML2.8/3, Error ellipse: s-maj=34.7km s-min=24.3km az=29.0

16:06:46:35.9:4.2, 53:59N:0:10:90E, h0km, n7, a2834/10, 5C-30, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAAO Zalesovo Array 3.27 273 P, ZAAO Zalesovo Array 3.27 273 P, ZALV Zalesovo Beam 3.27 273 P, etc.

BGS 16:06:46:48:3.2, 6.51:58N:16:16E, h5km, mb4.5(NEIC) IPEC 16:06:46:49.0:3.51:50N:16:25E, h0km, 1km, ML4.2/4, Error ellipse: s-maj=2.5km s-min=1.2km az=31.0

BER 16:06:46:49.5:2.7, 51:01N:15:23E, h5km, ML3.1, mb4.5(USGS), Confirmed Earthquake

LDG 16:06:46:50.4:0.1, 51:56N:16:17E, h10km, ML4.6/30, Error ellipse: s-maj=2.9km s-min=2.3km az=174.0, Suspected Mining induced.

DNK 16:06:46:50.6:4.2, 52:10N:18:73E, h38km, 186km MOS 16:06:46:50.1:1.3, 51:65N:16:17E, h10km, mb4.7/11, Error ellipse: s-maj=6.1km s-min=3.6km az=86.4

NEIC 16:06:46:51.2:2.1, 51:58N:0:05:16E, h0km, mb4.3/19, mbtmp4.3/29, ML3.7/10, Error ellipse: s-maj=8.1km s-min=5.3km az=107.0

VIE 16:06:46:51.7:0.6, 51:50N:16:25E, h0km, mb3.8/21, ml4.1/16, ms4.4/4, Error ellipse: s-maj=6.5km s-min=3.8km az=24.0 70 km NW of Wroclaw Suspected Mining induced.

MCSM 16:06:46:51.2:0.5, 52:1N:3:16E, h5km, 1km, ML4.4 IDC 16:06:46:52.1:0.4, 51:51N:16:06E, h0km, mb4.3/19, mbtmp4.3/29, ML3.7/10, Error ellipse: s-maj=8.1km s-min=5.3km az=107.0

BGR 16:06:46:52.1:0.4, 51:54N:16:17E, h1km, ML4.4/16, Error ellipse: s-maj=5.6km s-min=3.3km az=20.0

PRU 16:06:46:52.6:0.0, 51:51N:16:12E, h0km, ML4.5 ISC-EH 16:06:46:52.7:1.5E, h15km, Error ellipse: s-maj=3.1km s-min=2.7km az=112.0

BNS 16:06:46:53.4:0.5, 51:53N:16:07E, h1km, ML4.4 UPP 16:06:46:55.3:2.9, 51:79N:15:75E, h0km, ML3.5, Suspected explosion

16:06:46:50.1:0.3, 51:57N:0:02:16E, h0km, n413, a219/531, mb4.4/35, 22C-17D, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSP Ksiaz 0.73 172 eP, KSP Ksiaz 0.73 172 eP, KSP Ksiaz 0.73 172 eP, etc.

JMA 16:06:44:13.0:0.2, 24:00N:0:8:123:3E:0.4, h23km, 2km, MV2.5/8, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HATJ Hateruma jima 0.47 88 P, HATJ Hateruma jima 0.47 88 P.

16d 6h

Table of station data for 16d 6h, including call signs, frequencies, and power levels. Includes stations like RUE Ruedersdorf, GPK Gorka Klasztor, and various MORC and KRUC stations.

2016 DEC

Table of station data for 2016 DEC, including call signs, frequencies, and power levels. Includes stations like KECS Kecovo, BIAO Bad Ischl, and various BLEU and WATA stations.

1120

Table of station data for 1120, including call signs, frequencies, and power levels. Includes stations like PABE Paberze, RNPBS Staryi Mhorort, and various ONAU and BURAR stations.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like MSA Maissana, VOIR, SORM, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like KTK1, TRO, ESD, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like XAN, XAN, PZH, etc.

IPCC 16 06:49:37.1±0.3, 51.55N, 16.22E, h0km, ML3.0/5, Error ellipse: s-maj=2.1km s-min=1.2km az=37.0
PRU 16 06:49:38.2±0.5, 51.49N, 16.11E, h0km
VIE 16 06:49:38.7±0.8, 51.44N, 16.39E, h0km, m13.5/5, Error ellipse: s-maj=7.3km s-min=4.8km az=64.0 58 km NW of Wroclaw Suspected Mining induced.
BGR 16 06:49:39.2±0.5, 51.47N, 16.15E, h1km, ML3.3/9, Error ellipse: s-maj=5.6km s-min=2.2km az=16.0
ISC 16 06:49:37.2±1.1, 51.52N, 16.04E, 16.15E, 0.02, h0km, n40, e080/75, Poland

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res. Includes stations like Cannon Point, D'Urville Isla, Tophouse, etc.

NEIC 16 09:17:16.1±1.4, 9.94S:0°10:160.76E:0.07, h10km±1km, mb4.7/28, Error ellipse: s-maj=19.2km s-min=7.2km az=33.0

ISC-EH 16 09:17:17.1±0.4, 9.94S:160.69E, h18km±6km, Error ellipse: s-maj=9.6km s-min=7.7km az=113.0

ISC 16 09:17:21.0±0.5, 11.001S:0°07:160.53E:0.07, h37km, n115, c=157/67, mb4.6/27, MS4.1/47, 1C, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res. Includes stations like Honiara, Rabaul, KRVV, etc.

Table with columns: WRO, IAmb, IAmb, 09 23 11.7, etc. Includes stations like WBO Warramunga Arr, WRAB, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: ILAR, IALR, J25K, J25K, WMQ, WMQ, WMQ, WMQ, etc. Includes stations like Eielson Array, Salcha River, Urumqi, etc.

1620 9h

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details. Includes stations like L19K White Mountain, N20K Mount Spurr, SPCR Spurr Chakacha, etc.

2016 DEC

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details. Includes stations like L26K Log Cabin Wild, PCA Pinnacle, J25K Salcha River, etc.

1124

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details. Includes stations like P33M Teslin, YUKON, FARO Faro, EPYK Eagle Plains, etc.

AZER 16:09:28.45.0.2, 41.89N, 144.23E, h5km, Error ellipse: s-maj=3.3km s-min=2.3km az=325.0 DDA 16:09:28.47.2.0.0, 41.88N, 144.14E, h5km, 2km, MW3.6 TIF 16:09:28.47.9.41.92N, 144.14E, h18km NSSP 16:09:28.48.5.41.82N, 144.20E, h10km, Ms3.4 NORS 16:09:28.48.6.0.0, 41.88N, 144.09E, h9km, MPVA4.7 MOS 16:09:28.50.4.0.0, 41.83N, 144.26E, h2km, MPVA4.3 DRS 16:09:28.50.6.0.0, 41.88N, 144.17E, h18km ISB 16:09:28.49.5.0.6, 41.86N, 144.01E, h18E, 0.01, h5km, 8km, n171, 1866/307, 9C-112, Western Caucasus

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details. Includes stations like TRLG Trialeti, BRNG Burnasheti, etc.

Table with columns for station name, frequency, mode, and time. Includes stations like SEAG Tbilisi Sea, BTNK Botanihuri, DMNI Dmanisi, and GDB GEDABAY.

Table with columns for station name, frequency, mode, and time. Includes stations like ZKTA Agillar, GANJ Ganja, DLMR Dylm, and SEKA Sheki.

Table with columns for station name, frequency, mode, and time. Includes stations like MAK, BRDA, AGDM, and QBL.

16C 1609:38:12.2-1.1, 107.785x161.56E, h0km, mb4.3/10, mbtmp4.2/10, ML6.2/1, MS3.7/6, Error ellipse: s-maj=28.2km s-min=23.2km az=144.0

NEIC 1609:38:19.9-1.7, 107.565x0.09:161.40E:0.03, h39km, 8km, mb4.7/53, Error ellipse: s-maj=12.8km s-min=4.5km az=189.0

ISC 1609:38:18.8-0.5, 105.59Sx0.07x161.49E:0.08, h35km, n80, c1921/79, mb4.7/35, MS3.5/4, Bougainville-Solomon

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

16d 9h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like Suanglung, Temabayashi, Kamikawa-asahi, etc.

GUC 16 09:40:36.6, 32°28'S-67°59'W, h15km, ML4.8
SJA 16 09:40:38.7, 0.7, 32°34'S-67°78'W, h8km, ML4.3, MW4.0
IDC 16 09:40:41.2, 0.5, 32°29'S-67°76'W, h34km, mb4.1/1.1, mbmp4.2/1.5, ML4.3/4, MS3.6/1.1, Error ellipse: s-maj=19.0km s-min=9.3km az=62.0
NEIC 16 09:40:41.6, 1.9, 32°29'S-0.05:67°70'W, h38km, mb4.8/4.8, Mw4.2/4.8, Md4.8(SJA), Error ellipse: s-maj=9.4km s-min=7.2km az=84.0, Moment Tensor Solution. Moment tensor: Scale: 10^15Nm; Mr1.54; Mw0.98; Mw-2.53; Mn-0.74; Mo-0.83; Mo,0.64; Fault plane solution: M2.55000*10^15 Np1.0225 40000, 550.70000, 1.142, 130000. NP2.0341.62000, 861.64000, 1.46, 040000. Principal axes: T 2.2660, Plg2.0000, Azm1193.0000, N 0.4973, Plg3.0000, Azm6.0000, P -2.7634, Plg6.0000, Azm101.0000.
VAO 16 09:40:42.1, 0.4, 32°32'S-67°41'W, h34km, mb4.5
ISO 16 09:40:39.8, 0.4, 32°29'S-0.03:67°69'W, h25km, mb2.5km, h26km; pP, n211, t190/269, mb4.8/36, MS3.7/8, 4C-7D, Mendoza Province

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like Coronel Fontan, Zonda, Chepes, Valle Fertil, San Martin, Punta de Los L, Farellones, Cuesta del Vie, San Esteban, etc.

2016 DEC

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

1126

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like IPOC Station P, Los Muermos, ILOP Station P, IPOC Station P, ILOP Station P, etc.

16d 11h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various stations like DUVW, KIWI, MTW, MRNZ, etc.

1DC 16 11:28:41.7, 1.3, 43.75N, 86.33E, h0km, mb3.6/2, mbmp3.77, ML3.3/5, Error ellipse: s-maj=34.8km, s-min=13.0km az=46.0.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ZSN, MK31, MKAR, etc.

2016 DEC

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like SHLS, SHLS, UZB, UZB, etc.

UCR 16 11:34:35.1, 1.5, 15.24N, 92.03W, h5km, 999km, mb5.5(NEIC).

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like UCR, MOS, NEIC, ASAR, etc.

1128

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like FUG, PCG, NBG, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like RIO Carpintero, Holguin, San Jacinto, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like La Rusia, Waverly Hall, Hazlehurst, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like HODGE Hodges, W50A Signal Mountai, W50A Signal Mountai, etc.

16d 11h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like V53A Saluda, KIDD KIDD Seismic O, U49A Red Bluffs Sp, etc.

2016 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like S51A Beattyville, HUMP Col San Antoni, CBYP Canovanas, etc.

1130

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CBKS Cedar Bluff, R55A Marlinton, Q52A Bidwell, etc.

16d 11h

Table with columns for call sign, frequency, mode, and other details. Includes entries like LONY Lake Ozonia, TIN Tinemaha, DSP Deep Springs, etc.

2016 DEC

Table with columns for call sign, frequency, mode, and other details. Includes entries like LPAZ La Paz, MDP Montagnes des, KMRM Mail Ridge, etc.

1132

Table with columns for call sign, frequency, mode, and other details. Includes entries like LCO Las Campanas, LCO Las Campanas, VA06 Catapilco, etc.

1133

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like PNL Peninsula, PLCA Paso Flores, and many others.

2016 DEC

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like SCRCR Sand Creek, M24K Tolsona, and many others.

16d 11h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like TCOL CIGO, UAF Yank, and many others.

16d 14h

SNET 16 13:01:49.6:1.8, 13.19N:86.53W, h18km, ML3.8
INET 16 13:01:50.9:0.7, 13.06N:86.66W, h7km,4km, MV4.2
ISC 16 13:01:51.0:0.9, 13.04N:0.08:86.66W:0.08, h10km, n18,
c=129/20,mb3.6/4, Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MOMN Momotombo, MGAN Managua, WILN Americas 2, etc.

16d 14h

IDC 16 13:04:22.5:0.6, 11.68N:141.84E, h0km, mb4.2/16,
mbmp3.2/18, ML4.3/3, MS3.8/25, Error ellipse:
s-maj=22.3km s-min=13.0km az=83.0
ISC-EH 16 13:04:29.2:11.61N:141.83E, h47km, 11km, Error ellipse:
s-maj=7.1km s-min=4.2km az=92.0
NEIC 16 13:04:31.0:1.1, 11.6N:0.1:141.9E:0.1, h59km, 2km,
mb4.6/32, Error ellipse: s-maj=20.1km s-min=14.0km
az=110.0

16d 14h

ISC 16 13:04:29.2:0.5, 11.58N:0.07:141.85E:0.10, h49km, n75,
c=096/64,mb4.5/4, MS3.9/23, 1C-1D, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GUMO Guam, GUMU Guam, SJUI Sorong, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FAKI Fak Fak, KRVT Keravat, JOW Kunigami, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, PMG Port Moresby, JSU Suzuyama, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include COEN Coen, MTN Manton, etc.

2016 DEC

comp=Z,0.5nm,0.3s,baz=87,slow=7.7,SNR=4.8
CMAR comp=Z,4.4nm,19.1s,baz=190,slow=37 LR LR 13 30 14.9
STKA comp=Z,0.5nm,0.3s 41.93 285 P P 13 12 15.7 +0.2
Chiang Mai Arr 41.93 285 P P 13 12 15.7 +0.2
Stevens Creek 42.21 180 P P 13 12 27.7 +2.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include STKA Stevens Creek, STKA Fort, STKA Buckleboo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include STKA Gaotai, STKA Gaotai, STKA Gaotai, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include STKA Gaotai, STKA Gaotai, STKA Gaotai, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include STKA Gaotai, STKA Gaotai, STKA Gaotai, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include STKA Gaotai, STKA Gaotai, STKA Gaotai, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include STKA Gaotai, STKA Gaotai, STKA Gaotai, etc.

1138

14nm,0.4s,baz=306,slow=10,SNR=85
SNAW Sanae 18.94 156 P Pn 13 51 58.0 -1.2
SNAW Sanae 18.94 156 P Iamb 13 52 01.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TROLL Antarti, BELA Belgrano 2, PLTB Pedras Altas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include QSPA South Pole Qui, QSPA South Pole Qui, QSPA Mawson, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include VNSA Vanda, VNSA Vanda, VNSA Vanda, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include VNSA Vanda, VNSA Vanda, VNSA Vanda, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include VNSA Vanda, VNSA Vanda, VNSA Vanda, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include VNSA Vanda, VNSA Vanda, VNSA Vanda, etc.

SNET 16 13:50:39.4:1.6, 12.10N:89.07W, h8km,7km, ML3.4
INET 16 13:50:43.6:0.3, 12.05N:88.66W, h15km, MW3.5
ISC 16 13:50:28.9:2.0, 11.63N:0.06:89.02W:0.07, h6km,12km,
n27,c=192/40, Off coast of central America

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ALJI Alcaldia de J, ALJI Alcaldia de J, ALJI Alcaldia de J, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ALJI Alcaldia de J, ALJI Alcaldia de J, ALJI Alcaldia de J, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ALJI Alcaldia de J, ALJI Alcaldia de J, ALJI Alcaldia de J, etc.

Gil 16 13:23:40.0:0.3, 19N:35.49E, h1km, MD1.8/6, Mm2.0/2
GRAL 16 13:23:41.0:0.3, 33.28N:35.44E, h3km,4km, MD3.0, gkm,
ISC 16 13:23:39.2:1.0, 33.28N:35.44E:0.05, h14km, gkm,
n17,c=67/30, Jordan-Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GEM Giv'at Ha'Em, GEM Giv'at Ha'Em, GEM Giv'at Ha'Em, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GEM Giv'at Ha'Em, GEM Giv'at Ha'Em, GEM Giv'at Ha'Em, etc.

NEIC 16 13:47:42.5:2.6, 56:0S:0.1:27.7W:0.3, h67km,9km,
mb4.5/14, Error ellipse: s-maj=22.8km s-min=15.4km
az=52.0

IDC 16 13:47:51.1:5.4, 56:05S:27.51W, h152km,48km, mb4.1/7,
mbmp4.6/8, Error ellipse: s-maj=26.5km s-min=17.0km
az=79.0

ISC 16 13:47:44.8:0.5, 56:00S:0.09:27.9W:0.1, h100km, n39,
c=140/38, mb4.4/10, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HOPE Hope Point, VNA1 Neumayer-Stat, etc.

IDC 16 14:26:39.5:1.5, 37:91N:142:21E, h0km, mb3.8/4,
mbmp3.7/6, ML2.5/2, MS3.4/2, Error ellipse: s-maj=37.8km
s-min=26.4km az=105.0
JMA 16 14:26:43.0:0.2, 38:0N:0.5:142E:1, h40km, 1km,
MV3.4/34, SE OFF MIYAGI PREF

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TNS5, MDOK Medeo, MDOK, TKM2 Tokmak 2, etc.

IDC 16:16:14.04:1.3, 43.96N:86.61E, h0km, mb3.5/3, mbmp3.7/7, ML3.4/4, Error ellipse: s-maj=50.4km s-min=14.1km az=47.0

NNC 16:16:14.08:1.5, 43.94N:86.24E, h0km, mb4.1, mpv3.7, Error ellipse: s-maj=11.5km s-min=6.9km az=100.0

ISC 16:16:14:07.8:1.0, 43.36N:0.08:86.68E:0.07, h30km, n14, r16/23, mb3.4/3, 12C-3D, Northern Xinjiang

Main table for 1141, listing stations like Makanchi Array, Kurchatov Arra, Zalesovo Beam, Borovoye Array, etc.

IDC 16:16:29:06.7:2.4, 21.27N:144.31E, h0km, mb3.9/8, mbmp3.9/8, Error ellipse: s-maj=107.2km s-min=19.8km az=82.0

ISC 16:16:29:18.3:2.7, 21.22N:0.2:144.4E:0.9, h100km, n14, r05/60/8, mb3.8/8, Mariana Islands region

Table for 1141, listing stations like WAKE ISLAND Hy, KLR Kul'dur, WRA Warramunga Arr, etc.

IDC 16:40:23.4:1.8, 6:78S:129:52E, h127km, 19km, mb3.3/2, mbmp3.9/6, Error ellipse: s-maj=26.9km s-min=13.8km az=118.0

ISC 16:40:23:0.8, 6:89S:0:06:129:64E:0:10, h139km, n6, r23/34/10, Banda Sea

Table for 1141, listing stations like SIJI Sorong, BATI Baumata, WRA Warramunga Arr, etc.

Table for 1141, listing stations like MKAR Makanchi Array, SOF, ATH, etc.

SOF 16:17:02:18.3, 40:74N:22:94E, h2km, MD2.9

ATH 16:17:02:19.7, 41:24N:23:16E, h10km, 3km, ML1.6/5, Error ellipse: s-maj=3.6km s-min=1.0km az=334.0

ISC 16:17:02:18.5:1.4, 41:22N:0.07:23:11E:0.05, h17km, 12km, n14, r05/42/15, Greece-Bulgaria border region

Table for 1141, listing stations like KNT Kendrickron, SRS Serrai, SOH Sokhos, etc.

THE 16:17:02:34.3, 41:21N:23:18E, h2km, 47km, ML2.2/5, Error ellipse: s-maj=47.6km s-min=0.9km az=318.0

BEO 16:17:02:52.4:0.5, 42:26N:23:45E, h8km, 6km, ML1.7/4

ISC 16:17:02:33.5:1.0, 41:23N:0.03:23:14E:0.03, h15km, 8km, n15, r15/25/23, Greece-Bulgaria border region

Table for 1141, listing stations like KNT Kendrickron, SRS Serrai, SOH Sokhos, etc.

GII 16:17:12:42.7:0.0, 33:21N:35:41E, h3km, MD1.6/7, Mm1.8/3

GRAL 16:17:12:43.2:0.3, 33:26N:35:41E, h4km, 3km, MD3.1

JSO 16:17:12:43.3:1.1, 33:18N:35:5E, h5km, ML3.1/9

ISC 16:17:12:42.5:0.9, 33:26N:0.02:35:42E:0.04, h14km, 7km, n25, r05/64/39, Jordan-Syria region

Table for 1141, listing stations like GEM Giv'at Ha'Em, MMA0B Mount Meron ar, HNTI Hanita, etc.

IDC 16:17:20:27.8:2.6, 37:41N:20:29E, h0km, mb3.6/5, mbmp3.6/8, ML3.4/3, Error ellipse: s-maj=43.8km s-min=28.1km az=37.0

THE 16:17:20:28.9, 37:42N:20:48E, h4km, ML3.5/9, Error ellipse: s-maj=1.4km s-min=0.6km az=56.0

ATH 16:17:20:28.9, 37:42N:20:50E, h9km, 2km, ML3.3/11, Error ellipse: s-maj=3.0km s-min=1.1km az=10.0

ISC 16:17:20:29.1:1.4, 37:46N:0.04:20:49E:0.04, h6km, 9km, n66, r10/84/4, mb3.5/5, 9C-6D, Ionian Sea

Table for 1141, listing stations like LTHK Lithakia, LTHK, LTHK.

Table for 1141, listing stations like LTHK Pessada-Kefalo, PSDA Pessada-Kefalo, PSDA Pessada-Kefalo, etc.

Table for 1141, listing stations like PSDA Valsamata, VLS Valsamata, VLS Valsamata, etc.

Table for 1141, listing stations like VLS Valsamata, VLS Valsamata, VLS Valsamata, etc.

Table for 1141, listing stations like VLS Valsamata, VLS Valsamata, VLS Valsamata, etc.

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Table for 1141, listing stations like VLS Valsamata, VLS Valsamata, VLS Valsamata, etc.

ATH 16:17:24:11.8, 37:56N:21:62E, h10km, 2km, ML2.3/10, Error

16d 17h

ellipse: s-maj=2.5km s-min=1.0km az=37.0
THE 16:17:24:11.8,37:56N-21:66E,h16km,2km,ML2.3/8,Error
ellipse: s-maj=2.7km s-min=0.9km az=233.0
ISC 16:17:24:11.4-1.0,37:55N-0:02-21:62E,0.03,h14km,gkm,
n27,r050/42,Southern Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists various stations like DRO Drossia, LAKA Lakka, etc.

ROM 16:17:24:29.8-0.0,42:797N-0:002-13:237E,0:003,
h12km,ML1.3/7,Error ellipse: s-maj=0.2km
s-min=0.1km az=66.0,Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like T1245 Castelsantange, NRCA Norcia, etc.

TIF 16:17:24:39.3,41:36N-43:94E,h12km
NORS 16:17:24:40.7-0.0,41:41N-44:09E,h1km,MPVA3.5
MOS 16:17:24:42.0-0.0,41:45N-43:94E,h2km,MPVA3.4
ISC 16:17:24:40.6-1.1,41:38N-0:03-43:93E,0.02,h3km,10km,
n26,r081/52,Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like DMNI Dmanisi, TRLG Trialeti, etc.

2016 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like TRLG Burnasheti, BGD Bogdanovka, etc.

IDC 16:17:30:60.0-1.8,2:68N-128:42E,h0km,mb3.4/3,
mbtmp3.4/4,ML2.9/1,Error ellipse: s-maj=92.3km
s-min=23.5km az=61.0,Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like SIJI Sorong, WRA Warramunga Arr, etc.

NEIC 16:17:42:17.1-0.6,21:28N-0:07-143:9E,0:3,h10km,1km,
mb4.2/8,Error ellipse: s-maj=47.0km s-min=9.3km
az=99.0

IDC 16:17:42:28.1-8.2,21:36N-143:74E,h112km,7km,mb3.5/7,
mbtmp3.8/8,ML2.9/1,MS3.3/5,Error ellipse: s-maj=46.0km
s-min=16.3km az=93.0

ISC 16:17:42:19.5-0.8,21:3N-0:1x143:9E,0:2,h33km,n23,
r0585/19,mb4.0/11,MS3.2/4,Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like MJAR Matsushiro Arr, JMM Marumori, etc.

WRAB Tennant Creek 42.03 193 P Iamb Iamb 17 50 08.5 +0.5

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

UCR 16:17:51:33.8-1.4,14:53N-90:50W,h23km,mb4.4(NEIC)
IDC 16:17:52:09.1-1.1,17:39N-87:34W,h54km,7km,mb3.6/6,
mbtmp3.9/7,MS3.4/17,Error ellipse: s-maj=41.9km
s-min=18.3km az=53.0

INET 16:17:52:31.3-0.5,12:01N-87:20W,h24km,3km,MMW.6
NEIC 16:17:52:31.1-1.6,12:02N-0:06-87:16W,0:06,h49km,5km,
mb4.4/21,MD4.6(SNET),Error ellipse: s-maj=8.8km
s-min=7.2km az=225.0

SNET 16:17:52:31.2-1.1,12:17N-87:11W,h61km,ML4.6
ISC 16:17:52:31.3-0.5,12:05N-0:05-87:17W,0:05,h68km,n121,
r16116/17,mb4.2/13,1,C,Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like CNGN Cerro Negro, CRIN San Cristobal, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like LCND La Caada, LCND Matagalpa, etc.

IDC 16:17:30:60.0-1.8,2:68N-128:42E,h0km,mb3.4/3,
mbtmp3.4/4,ML2.9/1,Error ellipse: s-maj=92.3km
s-min=23.5km az=61.0,Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like SIJI Sorong, WRA Warramunga Arr, etc.

NEIC 16:17:42:17.1-0.6,21:28N-0:07-143:9E,0:3,h10km,1km,
mb4.2/8,Error ellipse: s-maj=47.0km s-min=9.3km
az=99.0

IDC 16:17:42:28.1-8.2,21:36N-143:74E,h112km,7km,mb3.5/7,
mbtmp3.8/8,ML2.9/1,MS3.3/5,Error ellipse: s-maj=46.0km
s-min=16.3km az=93.0

ISC 16:17:42:19.5-0.8,21:3N-0:1x143:9E,0:2,h33km,n23,
r0585/19,mb4.0/11,MS3.2/4,Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like MJAR Matsushiro Arr, JMM Marumori, etc.

WRAB Tennant Creek 42.03 193 P Iamb Iamb 17 50 08.5 +0.5

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

UCR 16:17:51:33.8-1.4,14:53N-90:50W,h23km,mb4.4(NEIC)
IDC 16:17:52:09.1-1.1,17:39N-87:34W,h54km,7km,mb3.6/6,
mbtmp3.9/7,MS3.4/17,Error ellipse: s-maj=41.9km
s-min=18.3km az=53.0

INET 16:17:52:31.3-0.5,12:01N-87:20W,h24km,3km,MMW.6
NEIC 16:17:52:31.1-1.6,12:02N-0:06-87:16W,0:06,h49km,5km,
mb4.4/21,MD4.6(SNET),Error ellipse: s-maj=8.8km
s-min=7.2km az=225.0

SNET 16:17:52:31.2-1.1,12:17N-87:11W,h61km,ML4.6
ISC 16:17:52:31.3-0.5,12:05N-0:05-87:17W,0:05,h68km,n121,
r16116/17,mb4.2/13,1,C,Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists stations like CNGN Cerro Negro, CRIN San Cristobal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SCHQ Schefferville, RCBR Riachuelo, YKA Yellowknife, etc.

NEIC 16 18:16:43.92.4.5:35S:0.07:147.44E:0.08, h178km, 11km, mb4.4/17, Error ellipse: s-maj=13.4km s-min=8.9km az=125.0

ISC 16 18:16:43.2.0.6.5:44S:0.06:147.33E:0.08, h170km, n46, r161/51, mb4.1/9, Eastern New Guinea region

Main table for 1143 containing station data for various locations including MANU Manus Island, PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 16 18:30:33.8.4.7.2136N:144.20E, h0km, mb3.6/3, mbmt3.6/3, MS2.8/1, Error ellipse: s-maj=311.0km s-min=34.1km az=88.0, Mariana Islands region

Table for 1143 containing station data for locations like GUMO Guam, DAV Davao City, WRA Warramunga Arr, etc.

Table for 2016 DEC containing station data for locations like MRSI Marisa, MRSI Ampama, MRSI Mapaga, etc.

IDC 16 18:50:59.5.3.3.1:27N:124.92E, h0km, mb3.6/3, mbmt3.8/4, ML4.0/1, Error ellipse: s-maj=60.0km s-min=54.1km az=14.0

DJA 16 18:51:03.4.1.1.2:N.3:12.76E, h12km, 8km, M3.8/11, mb3.9/2, MLV3.7/11

ISC 16 18:51:06.3.1.0.1:57N:106:125.75E:0.05, h50km, n12, r152/14, mb3.4/3, Northern Molucca Sea

Main table for 2016 DEC containing station data for locations like TNTI Ternate, SGSI Sangihe, GTOI Gorontalo, etc.

ROM 16 18:57:03.6.0.1.42226N:0.004:13.552E:0.006, h9km, ML1.7/8, Error ellipse: s-maj=0.5km s-min=0.4km az=60.0, Central Italy

Table for 2016 DEC containing station data for locations like FAGN Fagnano, FAGN Fagnano, FAGN Fagnano, etc.

IDC 16 19:01:04.3.8.6.21:47N:142.64E, h136km, 81km, mb3.5/3, mbmt3.9/4, MS3.3/2, Error ellipse: s-maj=78.1km s-min=27.8km az=99.0, Mariana Islands region

Main table for 2016 DEC containing station data for locations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table for 16d 19h containing station data for locations like T1245, T1245, T1245, etc.

ROM 16 18:57:42.4.0.1.37764N:0.01:14.05E:0.01, h10km, ML2.3/3, 2C, Error ellipse: s-maj=1.5km s-min=1.1km az=330.0, Sicily

Main table for 16d 19h containing station data for locations like RESU Resuttano, RESU Resuttano, RESU Resuttano, etc.

IDC 16 19:01:04.3.8.6.21:47N:142.64E, h136km, 81km, mb3.5/3, mbmt3.9/4, MS3.3/2, Error ellipse: s-maj=78.1km s-min=27.8km az=99.0, Mariana Islands region

Table for 16d 19h containing station data for locations like JOW Kunigami, MJAR Matsushiro Arr, H1N1 WAKE ISLAND HY, etc.

IDC 16 19:03:34.7.5.2.4:00S:143.22E, h86km, 51km, mb3.5/4, mbmt3.9/6, ML4.0/1, MS2.9/3, Error ellipse: s-maj=37.3km s-min=28.8km az=117.0

NEIC 16 19:03:37.0.2.5.4:19S:0.06:142.82E:0.10, h108km, 9km, mb4.3/17, Error ellipse: s-maj=13.9km s-min=8.3km az=80.0

ISC 16 19:03:37.1.0.7.4:23S:100.9:142.92E:0.09, h115km, n32, r1957/31, mb4.1/8, New Guinea

Main table for 16d 19h containing station data for locations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

16d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Vanda, White Mountain, Nowinta River, Rabbit Creek A, Indian Mountain, Bear Paw Mtn, Manley, Eielson Array.

WEL 19:11:05.2±0.3, 42°52'±17.4E±, h10km±2km, M2.9/2.5, ML3.1/2.1, MLV2.9/2.5, Error ellipse: s-maj=0.0km s-min=0.0km az=130.2, confirmed, Cook Strait

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cape Campbell, Blackbirch Sta, Tuamarina, Tory Channel, Wellington, Palliser, Nelson, Cannon Point, Kahurangi, D'Urville Isla, Parawai Farm, Kapiti Island, Tophouse, Mount Morrison, Otaki Gorge, Traveller, Matariki Terra, Takaka Hill, Howardsworth Sta, Te Maipae, Mangatainoka R, Tintock, Quartz Range, Greta Valley S, Pori Road, Birch Farm, Denniston Nort, Lake Taylor, Amberley, Dannevirke, Wangarua, Oxford, Pukenui, Waipukurau, Inchbonnie, McQueen's Vall, Kahui Hut, North Egmont, Pukeiti, Pokaka, Moawhango, Wahia, Black Hill Sta, Kereru, Whangaehu Hut, Far West T-bar, Ngauruhoe, South Ngauruhoe, Oturere, North Ngauruhoe, West Tongariro, Taurewa, East Tongariro, Te Maari, Karewarewa, North Tongariro, Waitaha Valley, Rata Peaks, Hauiti, Te Karaka, Matakaoa Point.

WEL 19:12:04.2, 42°S, 174°E±, h18km±8km, M2.7/8, ML2.9/8, MLV2.7/8, Error ellipse: s-maj=0.0km s-min=0.0km az=99.2, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Blackbirch Sta, Cape Campbell, Tuamarina, Kahurangi, Tory Channel, Tophouse, Nelson, Wellington, Matariki Terra, D'Urville Isla, Takaka Hill, Kapiti Island, Lake Taylor, Denniston Nort, Inchbonnie.

PRU 19:14:12.1±0.0, 50°13'N±18°34'E, h0km, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ostrava-Krasne, Maruska, Dobruska-Polom.

ROM 19:15:31.4±0.0, 42°36'N±0°02', 13°16'E±0°04', h9km, ML1.8/1.7, 3C-6D, Error ellipse: s-maj=0.3km s-min=0.1km az=265.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Castelsantange, Unac-Piva, Unac-Piva, Pljevija, Bratogost, Bratogost, Niksic.

2016 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Monte Cornacci, Preci, Frazion, Civita (PG), Roccafulvione, Vallo di Nera, SAN MARTINO, Muccia, Frazio, Leonessa, CESSI-Serrava, Cessapalombo, Gualdo di Mace, Pellescritta, Campotosto, Micro Realino, Pizzoto (AQ), Assisi San Ben, Esanatoglia, Gran Sasso, Elicito, AVT-Casa Cast, Monte Urbano, Montelago di S, Unac-Piva, Unac-Piva, Pljevija, Bratogost, Bratogost, Niksic.

BEO 19:16:15.9±0.2, 43°18'N±18°93'E, h5km±3km, ML3.0/1.6, PRU 19:16:15.0±0.0, 43°20'N±18°89'E, h0km, PDG 19:16:15.0±0.3, 43°19'N±18°86'E, h10km, MD3.1/7, ML2.9/1.2, Error ellipse: s-maj=0.6km s-min=0.8km az=0.8, RHSSO 19:16:16.2±0.2, 43°22'N±18°89'E, h4km±1km, ML3.2/1.8, 3C-19D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Unac-Piva, Unac-Piva, Pljevija, Bratogost, Bratogost, Niksic.

1144

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Rudo, Kolasin, Trebinje, Cevo, Lazi#263;i, Lazi#263;i, Dubrovnik, Sjenica, Berane, Herceg Novi, Herceg Novi, Podgorica, Podgorica, Podgorica, Han Pijesak, BI, Brijuni, Brijuni, Stajica-Budva, Stajica, Stajica, Stajica, Ivanjica, Plav, Dracevica, Mon, Dracevica, Mon, Divibare, Divibare, Divicinj, Ricice, Makarska, Makarska, Tekeris, Tekeris, Gruzza, Gruzza, Trudelj, Kupres RS, Lastovo, Lastovo, Bijeljina, Dobo, Dobo, Selova, Mrkonjic Grad, Mrkonjic Grad, Banja Luka, Kijevo, Kijevo, Svitajnac, Svitajnac, Tiran, Tiran, Fruska Gora, Fruska Gora, Fruska Gora, Klekavaca, A050A, A052A, Srbc, Barje, Barje, Skopje, Mrakovica, Kucevo, Moric, Moric, Zajeac, Zajeac, Ohrid, Ohrid, Moldovita, Moldovita, Udbina, Banloc, Zaps Zavo, Moslavina, Plitvice, Dugi Otok, Dugi Otok, Kovogotostos, Kovogotostos, Virc, Virc, Virc, Mrgy, Hungar, Mrgy, Hungar, Mrgy, Hungar, MATE, MATE, Herculane, Herculane, Novaja, Novaja, Vitosa, Vitosa, Valandrov, Valandrov, Ambrazfalva, Ambrazfalva, Sursuduc, Sursuduc, Srijuzha, Srijuzha, Bojancic, Bojancic, Gura Zlata, Gura Zlata, Cresnev, Cresnev, Cresnev, Cresnev, Becehely, Becehely, Becehely, Becehely, Sirla, Sirla, Golise, Golise, Kog, Kog, Tihany, Tihany, Gros Grobnik, Gros Grobnik, Magyarpalony, Magyarpalony, Cey, Cey, Lotru, Lotru, Cskako, Cskako, Pleven, Pleven, Skadanscina, Skadanscina, SKDS, SKDS, Timpagrande, Timpagrande, SOKA, SOKA.

16d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Barre de l'île, Belfond, Moule a Chique, etc.

ISC 16 20:22:27.0.2.4.7.24S:127.83E:h0km,mb3.6/1, mbtmp3.6/3,ML3.9/2, Error ellipse: s-maj=289.3km s-min=31.7km az=65.0

ISC 16 20:22:28.5.1.4.6.9S:0.1:128.3E:0.1,h10km,n12, az=64.12, Banda Sea S

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Soe, Manton Dam, Kakadu, etc.

REN 16 20:41:52.5.2.8.41.20N:0.04:114.93W:0.03,h0km,6km, ML3.2/6,ML3.1/102(NEIC), Error ellipse: s-maj=5.2km s-min=3.5km az=198.0

NEIC 16 20:41:52.8.2.4.41.23N:0.003:114.82W:0.04,h12km,6km, Error ellipse: s-maj=4.7km s-min=4.2km az=178.0, Nevada

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Elko, Big Grassy Mou, Hansel Valley, etc.

2016 DEC

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SPR3, SPR3, MFID, etc.

ISC 16 21:03:50.3.1.4.22.57N:145.33E:h0km,mb3.9/7, mbtmp3.9/7, Error ellipse: s-maj=56.9km s-min=21.1km az=89.0

NEIC 16 21:03:52.2.1.2.22.69N:0.09:145.2E:0.1,h10km,1km, mb4.2/9, Error ellipse: s-maj=23.5km s-min=9.0km az=238.0

ISC 16 21:03:51.6.0.8.22.6N:0.1:145.3E:0.2,h10km,n19, az=97.19,mb4.1/11,North Pacific Ocean

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JCCJ, Chichijima, Marunori, etc.

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

ISK 16 21:21:48.8.39.63N:39.71E,h1km,ML4.4/15 MED_RC 16 21:21:49.0.0.39.63N:39.71E,h16km,1km,MW4.5/12, Moment Tensor Solution.Mantle waves: s12,c17;

Duration: 1s0 Moment tensor: Scale 10^16Nm; Mw=0.82±.02; Mb=0.46±.05; Ms=0.43±.05; Mo=0.21±.08; Mm=0.26±.02; Ml=0.03±.07; Best double couple: Mo:83000x10^18 NP1:306.00000°,851.00000°, λ:98.00000°; NP2:139.00000°,639.00000°, λ:90.00000°; Principal axes: T 0.7300, P1g:0.0000, Azm:42.0000°; N 0.1900, P2:0.0000°, Azm:31.10000°; P -0.9200, P1g1:0.0000°, Azm:177.0000°; nsta2 refers to body waves. nsta2 refers to surface waves, cutoff=35s.

IDC 16 21:21:49.8.0.6.39.58N:39.72E,h0km,mb4.1/17, mbtmp4.0/27,ML3.6/10,MS3.6/33, Error ellipse: s-maj=11.2km s-min=7.4km az=172.0

DDA 16 21:21:49.4.0.0.39.58N:39.72E,h3km,1km,MW4.5 MOS 16 21:21:49.7.0.9.39.59N:39.68E,h9km,mb4.4/20, Error ellipse: s-maj=5.1km s-min=4.1km az=88.0

CFUSG 16 21:21:50.9.39.02N:38.72E,h33km,mb3.3/4, Eastern Turkey Magtype MSH 3.5 from 4 stations

MCSM 16 21:21:51.5.0.6.40.10E:h1km,3km,mb4.3 NEIC 16 21:21:51.9.1.7.39.54N:0.06:39.71E:0.06,h13km,1km, mb4.4/39,MW4.4/14,ML4.3/33(ISC), Error ellipse: s-maj=8.8km s-min=6.8km az=187.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mw=0.21; Mo=1.60; Ms=1.82; Ml=0.72; Mm=4.36; Mb=1.68; Fault plane solution: Ms:0.0300x10^15 NP1:170.10000°, 885.41000°, λ:-159.15000°; NP2:78.36000°, 869.22000°, λ:-4.91000°; Principal axes: T 4.9817, P1g1:0.0000°, Azm:302.0000°; N 0.0897, P1g6:0.0000°, Azm:182.0000°; P -5.0714, P1g8:0.0000°, Azm:36.0000°;

ISC 16 21:21:50.7.0.6.39.59N:0.02:39.70E:0.01,h6km,4km, n18,18.52/373,mb4.3/46,MS3.6/23,26C-12D,Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Erzincan, Uzumlu, Keltik, etc.

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

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

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

Table with 5 columns: LBZ, ODZ, PKE, OTVZ, Lake Benmore, Otahua Downs, Pukeiti, Oturere. Includes coordinates and status.

NOU 16 21:57:00.8, 42°80'S, 172°86E, h8km, MLV3.777, South Island, New Zealand
WEL 16 21:57:01.4, 0.3, 3°2' S, 2°17' 3E, h8km, 2km, M3.2/27, ML3.4/21, MLV3.2/27, Error ellipse: s-maj=0.0km

Main table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Greta Valley S, Lake Taylor, Amberley, etc.

IDC 16 22:12:38.9, 1.1, 0°73'N, 124°14'E, h0km, mb3.9/4, mbmp4.0/4, Error ellipse: s-maj=131.2km s-min=19.9km az=66.0
NEIC 16 22:13:01.4, 1.2, 4°12'N, 0°1'123°99'E, 0.07, h200km, 12km, mb4.3/8, Error ellipse: s-maj=16.4km s-min=9.8km az=194.0

Table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Gorontalo, Luwui, Marisa, etc.

GUC 16 22:13:38.9, 0.7, 23°88'S, 67°26'W, h235km, 13km, ML3.8
IDC 16 22:13:38.3, 1.3, 23°92'S, 66°80'W, h206km, 17km, mb2.9/2, mbmp3.7/6, Error ellipse: s-maj=25.4km s-min=18.6km az=77.0

Table with 5 columns: LVC, LVC, LVC, IPOC Station P, IPOC Station P, IPOC Station P. Includes coordinates and status.

Table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Limon Verde, IPOC Station P, etc.

NEIC 16 22:36:05.6, 1.9, 51°07'N, 0°07'29'5W, 0.1, h10km, 1km, mb4.9/25, Error ellipse: s-maj=15.5km s-min=10.6km az=120.0

IDC 16 22:36:05.1, 1.1, 50°89'N, 30°05'W, h0km, mb3.5/5, mbmp3.6/6, ML3.9/1, MS3.5/2, Error ellipse: s-maj=42.2km s-min=22.4km az=11.0

IDC 16 22:36:05.3, 0.5, 5°08'N, 0°09'29'63W, 0.07, h10km, n35, r=130/32, mb4.8/17, Northern Mid-Atlantic Ridge

Table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ROSA, NRS, EKA, etc.

KANO1 Argonia South 49.13 281 P P 22 44 53.7 +0.7
X3A1 Clayton 49.27 277 P P 22 44 53.7 -0.5
XD7A 49.27 277 P I Amb Iamb 22 45 03.2

J20K Noviota River 57.25 335 P P 22 45 51.9 -0.4
DIB Dawson Inlet, 57.62 316 P P 22 45 56.4 +1.3
PKCU Pink Cliffs 57.74 291 P P 22 45 57.3 +0.7

TXAR Lajitas Array 58.02 278 P P 22 45 58.5 +0.1
Little Creek M 58.58 291 P P 22 46 00.9 -1.4
LCMT 58.58 291 P I Amb Iamb 22 46 01.4

S11A Rachel 59.61 293 P P 22 46 09.2 -0.2
CNGN Cerro Negro 59.88 251 P P 22 46 11.0 -0.4
RIMA Rio Macho 60.38 247 P P 22 46 15.4 +0.4

LCH Last Change Ra 60.99 294 P P 22 46 19.4 +0.5
MCCM Marconi Confer 63.32 298 P P 22 46 34.5 +0.3
CHGR Chuyangaron 65.97 58 P P 22 46 50.9 -0.8

ASAR Alice Springs 149.81 31 PKPbc PKPKP 22 55 56.6 +0.2
NEIC 16 22:36:28.0, 1.8, 16°9'S, 0°2'179°2W, 0.1, h623km, 11km, mb4.5/8, Error ellipse: s-maj=31.4km s-min=15.3km az=147.0

IDC 16 22:36:28.9, 1.5, 16°93'S, 179°17'W, h612km, 19km, mb3.4/9, mbmp4.3/10, Error ellipse: s-maj=25.7km s-min=16.3km az=143.0

IDC 16 22:36:27.5, 0.6, 16°9'S, 0°1'179°2W, 0.1, h600km, n30, r=130/30, mb4.0/13, Fiji Islands region

Table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Nonsavu, Nonsavu, FUNA, etc.

TARA Tarawa 19.74 386 P P 22 40 17.5 -1.6
URZ Urewera 21.52 188 P P 22 40 36.0 +1.3
URZ Urewera 21.52 188 P P 22 40 36.0 +1.3
CTA Charters Tower 32.88 259 P P 22 42 15.9 +1.9

Table with 5 columns: STKA, STKA, STKA, Alice Springs, Alice Springs. Includes coordinates and status.

Table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Alice Springs, Alice Springs, etc.

ILAR Eielson Array 85.09 13 P P 22 48 01.4 +0.8
TXAR Lajitas Array 86.10 58 P P 22 48 06.0 -0.4
PDAR Pinedale Array 87.15 44 P P 22 48 10.6 -0.6

YNR Norris Junction 87.29 42 P I Amb Iamb 22 48 11.4 -0.4
CMR Chiang Mai Arr 87.84 290 P P 22 48 14.8 +0.1
INK Inuvik 91.12 15 P P 22 48 29.4 +0.7

INK SNAE Sanae 91.12 15 P P 22 48 27.9 -0.8
SNAE Sanae 91.61 179 P P 22 48 29.3 -2.0
SNAE 91.61 179 P I Amb Iamb 22 48 57.1

CLL Collm 144.32 347 ePKPdf PKPab 22 54 57.4 +0.8
GERES GERES Array B 146.45 345 PKPbc PKPbc 22 55 03.3 +0.8
GERES 146.45 345 P I Amb Iamb 22 55 03.3 +0.8

IDC 16 22:39:02.1, 2.7, 1°05'N, 128°01'E, h0km, mb4.0/3, mbmp4.1/4, ML4.0/1, MS3.5/1, Error ellipse: s-maj=97.3km s-min=25.6km az=41.0

DJA 16 22:39:04.5, 0.3, 1°N, 4°12'8E, h10km, M4.4/18, mb4.6/10, mb5.4/4, MLV4.3/18, MW(mb)4.8/4
IDC 16 22:39:06.4, 0.6, 1°23'N, 0°07'126°19E, 0.07, h23km, n20, r=93/20, mb4.2/3, IC, Halmahera

Table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like TNTI, SGSI, SIJI, etc.

SANI Sanana 3.94 214 P P 22 40 05.8 +0.3
NLAI Namlea 4.57 194 P P 22 40 15.4 +1.2
MSAI Masohi 4.61 171 P P 22 40 15.5 +0.8

AAI Ambon 4.88 180 P P 22 40 18.7 +0.2
GTOI Gorontalo 5.22 264 P P 22 40 25.7 +2.6
FAKI Fak Fak 5.78 135 P P 22 40 30.1 -0.4

LUWI Luwuk 5.87 247 P P 22 40 32.7 +0.6
BNDI Bandi 5.96 163 P P 22 40 33.7 +0.3
MRSI Marisa 6.30 232 P P 22 40 38.3 +0.4

KCAP Kideapan 6.52 363 eP 22 40 42.0 +0.9
RKPI Ransiki, Papua 6.57 114 P P 22 40 41.3 -0.4
APSI Ampana 6.88 252 P P 22 40 46.6 +0.6

MPSI Mapia 6.83 264 P P 22 41 06.5 +0.5
KRSR Koro Area 36.05 360 P P 22 46 06.8 +0.7
ASAJ Asahikawa 44.58 15 LR LR 22 40 39.4

SONM Songino Array 50.12 341 P P 22 47 59.8 -0.2
MKAR Makanchi Array 60.43 325 P P 22 49 13.8 -0.4

BUI 16 22:39:26.5, 0.0, 3°46'S, 139°51'E, h60km, mb4.9/58, mb5.1/25, MS4.8/8, MS7.4/4.9
MOS 16 22:39:28.8, 0.7, 3°10'S, 139°14'E, h45km, mb5.1/29, Error ellipse: s-maj=12.3km s-min=5.8km az=110.9

DJA 16 22:39:31.8, 0.2, 3°S, 2°13'9E, h44km, 4km, MS.0/35, mb5.5/11, mb5.0/35, MLV3.7/7, MW(mb)4.9/11
IDC 16 22:39:31.4, 0.3, 3°08'S, 139°11'E, h51km, 1km, Error ellipse: s-maj=3.2km s-min=2.7km az=133.0

NEIC 16 22:39:32.0, 1.6, 3°12'S, 0°09'139°08'E, 0.06, h49km, 6km, mb5.1/102, Error ellipse: s-maj=13.9km s-min=8.2km

IDC 16 22:39:33.3, 0.3, 3°16'S, 139°05'E, h70km, 26km, mb4.4/16, mbmp4.8/20, MS3.7/17, Error ellipse: s-maj=22.6km s-min=9.0km az=91.0

IDC 16 22:39:31.4, 0.4, 3°10'S, 0°04'139°11'E, 0.04, h52km, 3km, h52km, pp-P, n407, r=102/381, mb4.9/99, MS3.8/16, 12C-7D, Irian Jaya

Table for station data, columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WAMI, GENI, etc.

SAUI Saumlaki 9.15 238 P P 22 41 41.2 +0.2
SAUI Saumlaki 9.15 238 P P 22 41 41.4 -0.2
BNDI Bandanaira 9.29 261 P P 22 41 43.2 +0.4

PMG Port Moresby 10.16 128 P P 22 41 59.9 +5.2
PMG Port Moresby 10.16 128 P P 22 41 59.9 +5.2
PMG Port Moresby 10.16 128 P P 22 41 59.9 +5.2

COEN Coen 11.51 160 P P 22 42 13.7 +0.5
COEN Coen 11.51 160 P P 22 42 14.3 +1.1
KDU Kakadu 11.56 214 P P 22 42 13.2 -0.7

MTN Mantau Dam 12.48 219 P P 22 42 25.2 -1.2
MTN Mantau Dam 12.48 219 P P 22 42 25.2 -1.2
MTN Mantau Dam 12.48 219 P P 22 42 25.2 -1.2

MTSU Mount Surprise 15.79 161 P P 22 43 12.4 -1.1
KNRA Kununurra 16.12 219 P I Amb Iamb 22 43 13.2 -1.4
KNRA Kununurra 16.12 219 P I Amb Iamb 22 43 21.0

KNRA Kununurra 16.12 219 P P 22 43 13.7 -1.0
SOEI Soe 16.15 245 P I Amb Iamb 22 43 25.2
SOEI Soe 16.15 245 P P 22 43 15.8 +0.6

SOEI Soe 16.15 245 P P 22 43 16.5 -1.2
LUWI Luwuk 16.45 277 P P 22 43 19.9 +1.0

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include: M20K Styx River, K20K Telida, K20K Telida, J20K Nowinta River, J20K Nowinta River, SKT Skwentna, PPLA Purkeypale, SUA Susitna One, CAST Castle Rocks, CAST Castle Rocks, CHUM Lake Minchumin, SEW Sewas, RC01 Rabbit Creek A, M22K Willow, H21K Melozitna Rive, H21K Melozitna Rive, G21K Allakaket, I21K Tanana, I21K Tanana, PA1W Bear Paw Mtn, PMR Palmer, TRF Thorofare Moun, F21K Alatina River, P21K Port Wells, KNK Knik Glacier, MLY Manley, MLY Manley, SML Sawmill, H22K Ishtalitna Cre, WAT1 Susitna Watana, GEYT Alibeck, GEYT Alibeck, GYA0B ALIBECK ARRAY, RND Reindeer, M23K Glacier View, F22K John River, MCK McKinley, MCK McKinley, MCK McKinley, G22K Bettles, A21K Barrow, SCM Sheep Creek Mo, WAT6 Susitna Watana, NEA2 Nenana, I23K Minto, Yukon-K, I23K Minto, Yukon-K, E22K Anaktuvuk Pass, H23K Yukon River, H23K Yukon River, ABKAR Akbulak array, DHY Denali Highway, G23K Bananza Creek, EYAK Cordova Ski Ar, WRH Wood River Hill, COLD Coldfoot, COLD Coldfoot, MDM Murphy Dome, KLU Klutina, M24K Tolsona, Glenn, T20K CIGO, UAF Yank, COLA College, COLA College, D23K Namushuk River, POKR Poker Plat Res, HDA Harding Lake, HDA Harding Lake, H24K Noodor Dome, E23K Chandalar, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, BMRM Bremner River, HARP HAARP, PAX Paxson, C23K Itkillik River, N25K Chitna, Valde, K24K Donnelly Dome, G24K Hadzewicz Riv, E24K Your Creek, F24K Squaw Lake, D24K Happy Valley

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include: J25K Salcha River, J25K Salcha River, RIDG Independent Ri, PRP Porcupine Dome, QSPA South Pole Qui, G25K Bearman Lake, MCARA McCarthy VSAT, DOT Dot Lake, SCRK Sand Creek, L26K Log Cabin Wild, F25K Christian Rive, ARU Arti, ARU Arti, ARU Arti, ARU Arti, J26L Joseph Creek, J26L Joseph Creek, E25K Arctic Village, D25K Kavik River, M27K Edge Creek, AK, M27K Edge Creek, AK, L27K Beaver Creek, L27K Beaver Creek, F26K Sheenik River, K27K Chicken, PINM Pinnacle, C26K Camden Bay, BVCV Beaver Creek, O28M Mount Upton, YUK3 Moose Creek, PNL Peninsula, I27K Kandik River, EGAK Eagle, EGAK Eagle, YUK8 Steele Glacier, C27K Ingo River, H27K Steamboat Moun, G27K Doyon Strip, O29M Mount Kennedy, E27K Coleen River, YUK4 Talbot Arm, DAWY Dawson, DAWY Dawson, YUK6 Outpost Moun, M29M Somme Creek, HYT Haines Junctio, L29M L29M, P30M Million Dollar, I29M Ogilvie Camp, N30M Aishikik Lake, K29M Barlow Dome, PLBC Pleasant Camp, M30M Minto, Yukon, M30M Minto, Yukon, O30N Mendenthal, N31M Braeburn, Yuko, SKAG Skagway, EPYK Eagle Plains, WHY Whitehorse, WHY Whitehorse, G30M T'oh Zrail Njii, P32M Atin, FARO Faro, Yukon, P33M Teslin, Yukon, INK Inuvik, S34M Telegraph Cree, MMPY Sheldon Lake, R33M Jennings River, RAYN Ar Rayn, RAYN Ar Rayn, RAYN Ar Rayn, A36M Sachs Harbour, A36M Sachs Harbour, YKA Yellowknife Ar, ARCES ARCES Array B, FINES FINES Array B, GERES GERES Array B, COO2 Combarodi, TORO Torodai Ar, COHC Chochay, PB11 POZ Station P, KIC Kusan Boka, PB08 IPOC Station P, DBIC Dimboko, DBIC Dimboko, TIC Tombodi

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include: ITQB Itaqui, LIC Lamto, CPUP Villa Florida, LPAZ La Paz, RUSC La Rusia, SDV Santo Domingo, WEL 16:22:40,15.2,39'S,44.178'E, h25km,7km, M2,9/42, ML3.2/46, ML2.9/42, Error ellipse: s-maj=0.0km, s-min=0.0km, az=89.2, Off east coast of North Island, Code Station Name, Az, Az', Phase ID, Time, Res, MHGZ Mahia Peninsula, KNZ Kokohu, RIGZ Rimuhau, WHHZ Waihua, SNGZ Shannon Statio, ARHZ Aropoanui, RANZ Arahi, RANZ Kidnapper, CMHZ Carnagh Statio, TKGZ Te Karaka, RAGZ Rawiri, NMHZ Naumai, NMHZ Maungataniwha, MHZ Kahurangi, MCHZ McNeill Hill, MWZ Matawai, RTZ Raatuhua, TWGZ Tauwhareparee, RWZ Black Stump Fm, RWZ Kaitake Forest, MUGZ Murupara, PUZ Puketiti, MRHZ Matea Rd, KRHZ Kereru, RUGZ Rukumara Rang, PKGZ Pakihoro, PRHZ Porangahau, ALRZ Allen Road, RRRZ Republican Roa, BHHZ Black Hill Sta, PHHZ Pihoro, WMGZ Waioamatini S, EDRZ Edgumbe, HAZ Te Kaha, TARZ Mount Tarawera, WHYZ Whangarei, MKRZ Makatiti, RITZ Rihia Road, OMRZ Omania, MOVZ Moawhango, TSZ Takapari Road, WHZ Whangarei, ETVZ East Tongario, TMVZ Te Maari, NTVZ North Tongarir, OTVZ Oturere, KATZ Kateramea, TUVZ Tukino, SNVZ South Ngauruho, NNVZ North Ngauruho, WNVZ Wahianoa, NGZ Ngauruhoe, PNVZ Pungahuru Hut, WTVZ West Tongario, FWVZ Far West T-bar, TRVZ Turoa, MTVZ Mangateitei, PKVZ Pokaka, TWVZ Turoa, MRZ Mangaitokera, MTW Mount Morrison, NEZ North Egmont, TKNZ Takaka Hill, IDC 16:22:52,08.4,0.9,21.18N,144.100E, h0km, mb4.0/B, mbmp4.0/B, MS3.3/4, Error ellipse: s-maj=41.8km, s-min=18.8km, az=87.0, NEIC 16:22:52,13.1,1.7,21.2N,0.1,1.493,9E,0.2, h27km,7km, mb4.4/12, Error ellipse: s-maj=25.5km, s-min=12.5km, az=63.0, ISC 16:22:52,13.0,0.8,21.19N,0.1,10.143,9E,0.2, h30km, n33, o0942.25, mb4.1/13, MS3.4/4, Mariana Islands region, Code Station Name, Az, Az', Phase ID, Time, Res, JSD Sado, YOJY Yonaguni jima, H11N1 WAKE ISLAND Hy 2160, H11N2 WAKE ISLAND Hy 2160, H11S3 WAKE ISLAND Hy 2161, H11N3 WAKE ISLAND Hy 9192, H11S1 WAKE ISLAND Hy 2162, H11S2 WAKE ISLAND Hy 2163, DAV Davao City (W), KLR Kulur, COEN Coen, COEN Coen, BATI Baumenta, SONM Songoing Arr, CTAO Charters Tower, CTAO Charters Tower, WB0 Warramunga Arr, WR0 Warramunga Arr, WRAB Tennant Creek, WRAB Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, BMAR Burnt Moun, ABKAR Akbulak array, FINES FINES Array B

16d 23h

comp=2.0,8nm,0.4s
VND A Vanda 99.07 176 P Pdif 23 05 52.5 +2.1
LPZA La Paz 149.32 86 PKPbc PKPbc 23 05 59.5 -1.1

IDC 16 22:57:29.9-4.9, 21°30'N-141°33'E, h0km, mb3.8/3,
mbtmp3.8/3, Error ellipse: s-maj=341.7km,
s-min=32.7km az=86.0, Mariana Islands region

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

WEL 16 22:59:50.7-0.3, 42°S-2°17'44"E, h11km, 2km, M3.4/35,
ML3.7/18, MLv3.4/35, Error ellipse: s-maj=0.0km,
s-min=0.0km az=132.5, confirmed, Cook Strait

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including Cape Campbell, Blackbird Sta, Tuamarina, Tory Channel, Wellington, etc.

ANF 16 23:00:38.9-0.2, 56°65'N-157°65'W, h90km, 2km, ML4.4/29,
Error ellipse: s-maj=2.2km s-min=2.2km az=139.0

IDC 16 23:00:38.1-1.3, 35°56'N-157°78'W, h86km, 11km, mb4.2/36,
mbtmp4.5/41, MS3.6/4, Error ellipse: s-maj=13.5km,
s-min=7.1km az=13.0

ISC-EH 16 23:00:38.9-56.74N-157.76W, h99km, 1km, Error ellipse:
s-maj=2.5km s-min=1.7km az=26.0

NEIC 16 23:00:38.8-2.2, 56°70'N-157°71'W, 0.07, h93km, 3km,
Error ellipse: s-maj=8.4km s-min=4.3km az=155.0

AEIC 16 23:00:40.1-2.9, 56°62'N-157°63'W, 0.08, h90km, 5km,
ML4.0, mb4.6/12(NEIC), ML4.2/20(NEIC), Error ellipse:
s-maj=8.7km s-min=6.2km az=163.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CHGN Chignik, R16K Pilot Point, R16K, R17K Ugashik Creek, R17K, R17K, CHIR Chirikof Island, etc.

2016 DEC

Main station list table for 2016 DEC with columns: Q17K, S, Sn, 23 01 31.9 +0.1, etc. Lists stations like Sitkinak Islan, Sitkinak Islan, Sitkinak Islan, etc.

1152

Main station list table for 1152 with columns: TTA, P23K, M22K, M22K, PWL, etc. Lists stations like Tatalina, Montague Isln, Willow, Willow, etc.

POKR	Poker Plat Res	9.80	26	P	Pn	23 02 54.5	-1.4
M27K	Edge Creek, AK	9.81	48	P	Pn	23 02 56.5	+0.4
O28M	Mount Upton	9.94	58	P	Pn	23 02 58.8	+0.7
SCRK	Sand Creek	9.95	37	P	Pn	23 02 57.9	-0.2
SCRK	Sand Creek	9.95	37	P	Pn	23 02 57.2	-0.8
GAMB	Gambell	9.96	321	Pn	Pn	23 02 55.0	-3.0
H23K	Yukon River	9.96	20	P	Pn	23 02 56.9	-1.2
H23K	Yukon River	9.96	20	P	Pn	23 02 56.7	-1.4
J25K	Salcha River	9.96	32	P	Pn	23 02 57.0	-1.1
J25K	Salcha River	9.96	32	P	Pn	23 02 56.6	-1.5
G21K	Allakaket	10.06	10	P	Pn	23 03 01.1	+1.7
PNL	Peninsula	10.08	65	P	Pn	23 03 00.3	+0.5
PNL	Peninsula	10.08	65	P	Pn	23 03 00.4	+0.6
YUK3	Moose Creek	10.16	53	P	Pn	23 03 02.0	+1.0
L27K	Beaver Creek	10.18	45	P	Pn	23 03 01.0	-0.1
TNA	Tin City	10.19	335	P	Pn	23 03 02.1	+1.0
BCAR	Beaver Creek A	10.20	45	P	Pn	23 03 02.0	+0.6
BVCY	Beaver Creek	10.25	49	P	Pn	23 03 03.1	+1.0
YUK8	Steele Glacier	10.30	56	P	Pn	23 03 04.7	+1.8
H24K	Noodor Dome	10.30	23	P	Pn	23 03 00.9	-1.9
H24K	Noodor Dome	10.30	23	P	Pn	23 03 01.4	-1.4
J26L	Joseph Creek	10.34	36	P	Pn	23 03 04.2	-0.4
PRP	Porcupine Dome	10.60	28	P	Pn	23 03 05.1	-1.9
O29M	Mount Kennedy	10.60	62	P	Pn	23 03 08.1	+1.1
K27K	Chicken	10.63	40	Pn	Pn	23 03 07.5	+0.2
K27K	Chicken	10.63	40	P	Pn	23 03 08.0	+0.8
G22K	Bettles	10.67	13	P	Pn	23 03 08.0	+0.3
G23K	Bananza Creek	10.68	17	P	Pn	23 03 06.4	-1.6
F21K	Alatina River	10.76	9	P	Pn	23 03 10.1	+1.2
YUK4	Talbot Arm	10.83	57	P	Pn	23 03 12.0	+1.9
YUK6	Outpost Mounta	10.85	59	P	Pn	23 03 11.1	+0.7
G24K	Hadweenzic Riv	11.13	21	P	Pn	23 03 12.3	-1.7
F22K	John River	11.16	11	P	Pn	23 03 15.5	+1.2
HYT	Haines Junctio	11.23	60	Pn	Pn	23 03 17.5	+2.0
HYT	Haines Junctio	11.23	60	P	Pn	23 03 16.5	+1.0
M29M	Somme Creek	11.28	51	P	Pn	23 03 17.0	+0.8
P30M	Million Dollar	11.37	64	P	Pn	23 03 17.8	+0.6
EGAK	Eagle	11.41	38	P	Pn	23 03 19.8	+2.1
EGAK	Eagle	11.41	38	P	Pn	23 03 18.2	+0.5
N30M	Aishkik Lake	11.58	57	P	Pn	23 03 20.4	+0.3
PLBC	Pleasant Camp	11.59	67	P	Pn	23 03 20.9	+0.8
S31K	Pelican	11.63	75	P	Pn	23 03 21.3	+0.6
DAWY	Dawson	11.64	43	P	Pn	23 03 21.6	+0.8
DAWY	Dawson	11.64	43	P	Pn	23 03 21.2	+0.3
L29M	L29M	11.69	49	P	Pn	23 03 22.3	+0.8
F24K	Squaw Lake	11.77	19	P	Pn	23 03 20.1	-2.5
I27K	Kandik River	11.79	34	P	Pn	23 03 22.9	+0.1
E22K	Anaktuk Pass	11.80	11	P	Pn	23 03 23.9	+0.9
O30N	Mendenhall	11.90	61	P	Pn	23 03 24.8	+0.4
E23K	Chandalar	11.99	15	P	Pn	23 03 26.1	+0.5
M30M	Minto, Yukon	12.05	52	P	Pn	23 03 26.9	+0.5
SKAG	Skagway	12.12	67	P	Pn	23 03 28.4	+1.2
E24K	Your Creek	12.18	16	P	Pn	23 03 28.2	+0.2
N31M	Braeburn, Yuko	12.20	58	P	Pn	23 03 28.6	+0.3
SIT	Sitka	12.20	79	Pn	Pn	23 03 28.2	-0.1
H27K	Steamboat Moun	12.24	32	P	Pn	23 03 27.3	-1.6
K29M	Barlow Dome	12.25	46	P	Pn	23 03 26.4	-2.7
F25K	Christian River	12.27	22	P	Pn	23 03 24.8	-4.4
BMAR	Burnt Mountain	12.36	24	Pn	Pn	23 03 31.1	+0.6
WHY	Whitewater	12.47	62	P	Pn	23 03 32.5	+0.5
TOLK	Toolik Lake R	12.54	14	Pn	Pn	23 03 33.8	+0.9
TOLK	Toolik Lake R	12.54	14	P	Pn	23 03 33.1	+0.2
JIS	Juneau Island	12.60	73	Pn	Pn	23 03 35.6	+2.0
G27K	Doyon Strip	12.62	30	P	Pn	23 03 33.0	-0.8
F26K	Sheenik River	12.68	24	P	Pn	23 03 35.9	+1.2
D23K	Nanukuk River	12.72	11	P	Pn	23 03 35.8	+0.6
I29M	Ogilvie Camp,	12.73	39	P	Pn	23 03 36.1	+0.7
E25K	Arctic Village	12.73	21	P	Pn	23 03 36.1	+0.8
P32M	Atlin	12.95	67	P	Pn	23 03 39.0	+0.8
M31M	Drury Creek, Y	13.01	55	P	Pn	23 03 40.1	+1.0
P33M	Teslin, Yukon	13.43	64	P	Pn	23 03 53.9	+3.2
P33M	Teslin, Yukon	13.43	64	P	Pn	23 03 45.6	+0.9
FARO	Faro, Yukon	13.49	56	P	Pn	23 03 54.0	+2.8
FARO	Faro, Yukon	13.49	56	P	Pn	23 03 46.3	+0.9
C23K	Iklikik River	13.56	10	P	Pn	23 03 46.4	+0.2
U35K	Whale Pass	13.57	82	P	Pn	23 03 46.9	+0.5
D23K	Kavik River	13.64	17	P	Pn	23 03 48.3	+1.0
E27K	Coleen River	13.66	26	P	Pn	23 03 47.6	0.0
Q32M	Nakina River	13.68	70	P	Pn	23 03 49.1	+1.1
CRAG	Craig	13.72	85	Pn	Pn	23 03 49.7	+1.3
CRAG	Craig	13.72	85	P	Pn	23 03 57.0	+3.2
CRAG	Craig	13.72	85	P	Pn	23 03 49.8	+1.4
EPYK	Eagle Plains	13.84	37	P	P	23 03 57.2	+2.1
EPYK	Eagle Plains	13.84	37	P	P	23 03 48.9	-1.0
WRAK	Wrangell Islan	13.93	80	Pn	Pn	23 03 54.3	-1.7
R33M	Jennings River	14.34	68	P	Pn	23 03 57.1	+0.6
S34M	Telegraph Cree	14.35	74	P	Pn	23 03 58.7	+2.2
G30M	A'oh Zraii Nji	14.35	35	P	Pn	23 03 54.6	-1.9
C27K	Jago River	14.37	20	P	Pn	23 03 57.7	+1.0
C26K	Garden Bay	14.41	18	P	Pn	23 03 58.7	+1.5
MMPY	Sheldon Lake,	14.53	55	P	P	23 04 00.9	-1.8
V35K	Ketchikan	14.59	84	P	P	23 04 00.5	+1.0
A21K	Barrow	14.71	1	P	P	23 04 05.3	+0.7
A21K	Barrow	14.71	1	P	P	23 04 01.1	+0.1
DIB	Dawson Inlet,	14.84	93	Pn	P	23 04 04.7	-1.5

H02S1	DAWSON INLET T	14.84	93	P	P	23 04 06.1	0.0
H02S1	SNR=6.5						
H02S1	Dease Lake	14.88	72	S	Sn	23 06 39.2	-6.9
DLBC	comp=7.3nm,0.9s,baz=274,slow=13,SNR=10					23 04 05.1	-1.6
DLBC	comp=7.3nm,0.9s,baz=274,slow=13,SNR=10					23 06 46.6	-0.5
DLBC	Dease Lake	14.88	72	P	Pn	23 04 04.5	+1.2
DLBC	comp=1.1nm,0.3s,baz=86,slow=15,SNR=2.4					23 04 04.5	+1.2
T35M	Dease Lake	14.96	77	P	Pn	23 04 05.6	+1.3
T35M	comp=2.75,SNR=6.7					23 04 05.6	+1.3
MOBC	Moresby Island	15.14	93	Pn	Pn	23 04 07.0	+0.4
MOBC	comp=2.24nm,1.0s					23 04 11.5	
F31M	Tsighehtic	15.41	36	P	Pn	23 04 11.1	+1.2
F31M	comp=2.32nm,1.0s					23 04 11.1	+1.2
WTLY	Watson Lake, Y	15.44	65	P	Pn	23 04 11.2	+0.9
WTLY	comp=2.32nm,1.0s					23 04 16.6	
WTLY	Watson Lake, Y	15.44	65	P	P	23 04 12.8	0.0
WTLY	comp=2.27nm,1.5s					23 04 12.8	0.0
INK	Inuvik	15.97	34	P	P	23 04 14.8	-2.0
INK	comp=2.87nm,0.4s,baz=211,slow=11,SNR=29					23 04 13.2	+0.1
INK	comp=2.46nm,0.7s,baz=31,slow=19,SNR=11					23 07 33.0	-0.2
INK	comp=2.22nm,0.8s,baz=296,slow=2.8,SNR=5.7					23 04 18.0	-0.5
INK	Inuvik	15.97	34	P	P	23 04 15.2	-1.6
GRNB	Greenville Isla	15.98	99	P	P	23 04 21.5	+2.7
SHEM	Shemaya Is, Ala	16.75	268	P	P	23 04 25.9	-0.7
SHEM	comp=2.1nm,0.7s,baz=76,slow=19,SNR=3.9					23 04 25.9	-0.7
LIRD	Liard River H	16.83	68	P	Pn	23 04 27.9	+0.3
LIRD	comp=2.274,SNR=7.7					23 04 39.7	+0.2
KOTAN	Kotanelee Air	17.81	65	P	Pn	23 04 44.9	+1.5
KOTAN	comp=2.273,SNR=8.8					23 04 44.9	+1.5
WRGLY	Wright	18.14	55	P	Pn	23 04 57.1	+0.2
WRGLY	comp=2.64,SNR=7.4					23 04 58.5	
C36M	Paulatuk	19.47	36	P	P	23 04 57.0	+0.2
C36M	comp=2.16nm,0.6s					23 05 02.1	+0.7
C36M	Paulatuk	19.47	36	P	P	23 05 02.1	+0.7
C36M	comp=2.23nm,0.7s					23 05 05.4	
BILL	Bilibino	19.88	319	P	P	23 05 06.0	-0.5
BILL	comp=2.23nm,0.7s					23 05 06.2	-0.4
A36M	Sachs Harbour	20.36	29	P	P	23 05 13.6	-0.6
A36M	comp=2.38,SNR=7.8					23 05 13.6	-0.6
OZB	Mount Ozzard	20.75	98	P	Pn	23 05 17.7	
OZB	comp=2.21nm,1.0s					23 05 20.0	+3.3
CLRS	Cowichan Lake	21.57	97	P	P	23 05 25.0	+2.7
LLBL	Lillooet	21.86	91	P	P	23 05 25.0	+2.7
LLBL	comp=2.16nm,0.8s					23 05 26.6	+0.4
YKA	Yellowknife Ar	22.20	57	P	P	23 05 26.6	+0.4
YKA	comp=2.89nm,0.7s,baz=274,slow=10,SNR=47					23 12 47.2	0.0
YKA	comp=2.89nm,0.7s,baz=286,slow=2.2,SNR=5.2					23 05 33.5	+3.5
NLWA	Neilton Lookou	22.54	100	P	P	23 05 40.1	+3.8
RADR	Rader Ridge	23.18	102	P	P	23 05 44.9	
RADR	comp=2.28nm,1.1s					23 05 46.6	+3.9
E03A	Lebam	23.23	101	P	P	23 05 41.3	
E03A	comp=2.31nm,0.8s					23 05 44.2	+3.3
D05A	Enumclaw	23.69	98	P	P	23 05 45.3	
D05A	comp=2.33nm,0.7s					23 05 46.7	+3.2
HEBO	Mount Hebo	23.97	104	P	P	23 05 47.9	
HEBO	comp=2.28nm,0.9s						

Table with columns for station name, frequency, power, and other technical details. Includes stations like MPU Maple Canyon, NLU North Lily Mtn, K22A Casper, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like RPZ Rata Peaks, G08A Pilot Rock, G06A Carlson Farm, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK comp=Z,115nm,2.9s, EKS2 Erkin-Say, AML Almayabad, etc.

17d 1h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like AFINESS Array B, NOA NORSTAR Array B, PLCA Paso Flores.

IDC 17 01:19:46.5:2.1, 15:09S:173:45W, h0km, mb3.7/6, mbmp3.7/6, MS3.6/5, Error ellipse: s-maj=122.5km s-min=25.3km az=150.0

ISC 17 01:19:51.1:1.9, 15:13S:173:50W, 0.4, h30km, n24, 05818, mb3.7/6, MS3.9/6, Tonga Islands

Main table for 17d 1h section, listing stations like AFi Afiamalu, AFi Afiamalu, MFSV Nonsavu, PPT Papeete, etc.

IDC 17 01:20:07.4:1.7, 6:38S:129:02E, h0km, mb4.1/1, mbmp3.8/4, ML3.9/3, Error ellipse: s-maj=62.1km s-min=28.4km az=79.0, Banda Sea

Table listing stations like SJJI Sorong, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 17 01:28:07.7:9.7, 21:30N:144:26E, h130km, 90km, mb3.3/9, mbmp3.7/9, Error ellipse: s-maj=42.4km s-min=16.8km az=86.0

ISC 17 01:27:52.1:1.2, 21:30N:144:5E, 0.3, h35km, n16, 01955/10, mb3.7/9, Mariana Islands region

Main table for 17d 1h section, listing stations like H11N1 WAKE ISLAND Hy 21.03, H11N2 WAKE ISLAND Hy 21.03, etc.

IDC 17 01:33:52.4:6.2, 21:13N:143:68E, h132km, 57km, mb3.6/11, mbmp4.0/12, MS3.2/6, Error ellipse: s-maj=32.7km s-min=13.8km az=88.0

ISC 17 01:33:41.3:0.9, 21:13N:144:0E:0.2, h35km, n24, 01552/14, mb4.1/11, MS3.2/4, Mariana Islands region

Table listing stations like GUMO Guam, MJAR Matsushiro Arr, KRSR Korea Array, H11N1 WAKE ISLAND Hy 21.48.

2016 DEC

Main table for 2016 DEC section, listing stations like H11S3 WAKE ISLAND Hy 21.49, H11N2 WAKE ISLAND Hy 21.49, etc.

ROM 17 01:33:57.4:0.0, 42:991N:0:002:13:075E:0:003, h10km, ML3.4/40, Error ellipse: s-maj=0.2km s-min=0.1km az=243.0

LDG 17 01:33:58.9:0.2, 42:92N:13:21E, h10km, M12.9/22, Error ellipse: s-maj=7.0km s-min=3.4km az=45.0

PRU 17 01:34:00.0:0.0, 42:991N:13:46E, h10km

BEU 17 01:34:01.2:0.9, 42:97N:13:23E, h12km, 9km, ML3.5/6

ISC 17 01:33:57.7:0.7, 42:96N:0:01:13:08E:0:02, h12km, 4km, n147, 01988/211, 39C-23D, Central Italy

Main table for 2016 DEC section, listing stations like FEMA Monte Fema, FDMO Fiordimonte, T1216 Preci, Frazion, etc.

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Main table for 1160 section, listing stations like T1215, T1215, T1215, etc.

SSFR	comp=N,5355um,0.3s	AML	AML						
SSFR	comp=N,5020um,0.9s	AML	AML						
SSFR	comp=E,6525um,0.2s	AML	AML						
T1247	Pizzolo (AQ)	0.54 163	↑P S	Pb Sb	01 34 08.8 -0.3				
T1247			AML	AML	01 34 18.0 +1.2				
T1247	comp=N,3645um,0.2s	AML	AML						
ARVD	Arcevia	0.55 349	↑P S	Pg Sg	01 34 07.9 -0.5				
ARVD			AML	AML	01 34 17.0 +1.3				
ARVD	comp=N,1290um,0.4s	AML	AML						
ATFO	Monte Focè - G	0.55 318	↑P AML	Pg	01 34 07.4 -1.0				
ATFO	comp=N,3380um,0.5s	AML	AML						
PP3	Marolino	0.57 43	↑P AML	Pb	01 34 09.4 -0.1				
PP3	comp=N,6120um,0.5s	AML	AML						
PP3	comp=N,6330um,0.5s	AML	AML						
PP3	comp=E,5140um,1.0s	AML	AML						
FRON	Frontone	0.62 335	↑P AML	Pg	01 34 09.2 -0.5				
FRON	comp=N,2725um,0.6s	AML	AML						
FRON	comp=E,1450um,1.0s	AML	AML						
GIGS	Gran Sasso	0.62 145	↑P S	Pb Sn	01 34 09.9 -0.6				
GIGS			AML	AML	01 34 21.0 -1.3				
GIGS	comp=E,1125um,0.6s	AML	AML						
GIGS	comp=N,950um,0.4s	AML	AML						
TRTR	Tortoreto Alta	0.63 104	↑P AML	Pn	01 34 11.4 -1.0				
TRTR	comp=E,10080um,0.4s	AML	AML						
TRTR	comp=N,10250um,0.5s	AML	AML						
AQU	L'Aquila	0.65 158	↑P S	Pn Sn	01 34 10.5 -2.2				
AQU			AML	AML	01 34 22.0 -0.9				
AQU	comp=E,2165um,1.1s	AML	AML						
AQU	comp=N,1865um,0.8s	AML	AML						
AQU	comp=E,2220um,1.1s	AML	AML						
AQU	comp=N,1875um,0.8s	AML	AML						
ATVO	AVT- Monte Val	0.65 311	↑P AML	Pg	01 34 09.9 -0.4				
ATVO	comp=E,2055um,1.0s	AML	AML						
ATVO	comp=N,2385um,1.4s	AML	AML						
COR1	Corinaldo	0.68 355	P AML	Pb	01 34 11.3 -0.1				
COR1	comp=E,2510um,0.5s	AML	AML						
COR1	comp=N,3585um,0.4s	AML	AML						
FIAM	Fiamignano	0.69 178	↑P S	Pn Sn	01 34 11.2 -2.1				
FIAM			AML	AML	01 34 23.0 -1.0				
FIAM	comp=E,1530um,0.7s	AML	AML						
FIAM	comp=N,1410um,0.7s	AML	AML						
ATPI	Pietralunga -	0.70 315	↑P AML	Pg	01 34 10.8 -0.4				
ATPI	comp=N,1340um,0.6s	AML	AML						
ATPI	comp=E,1600um,0.4s	AML	AML						
PIEI	Pieia	0.70 326	↑P AML	Pg	01 34 10.8 -0.5				
PIEI	comp=E,1315um,0.3s	AML	AML						
AOI	Ancona	0.70 33	↑P S	Pg Sn	01 34 11.1 -0.2				
AOI			AML	AML	01 34 24.0 -0.2				
AOI	comp=E,1605um,0.3s	AML	AML						
ATMI	Monte Miggianno	0.70 303	↑P AML	Pb	01 34 11.4 -0.4				
ATMI	comp=E,4425um,0.5s	AML	AML						
ATMI	comp=N,6865um,0.4s	AML	AML						
MPAG	Monte Paganuc	0.71 341	↑P S	Pg Sb	01 34 10.9 -0.5				
MPAG			AML	AML	01 34 23.0 +1.2				
MPAG	comp=N,2310um,0.5s	AML	AML						
MPAG	comp=E,1680um,0.6s	AML	AML						
MPAG	comp=N,2315um,0.5s	AML	AML						
MPAG	comp=N,2075um,0.5s	AML	AML						
MPAG	comp=E,1940um,0.6s	AML	AML						
MGAB	Montegabbione	0.71 267	↑P AML	Pb	01 34 11.7 -0.3				
MGAB	comp=N,6165um,1.4s	AML	AML						
MGAB	comp=E,5835um,0.5s	AML	AML						
MGAB	comp=E,6985um,0.4s	AML	AML						
MGAB	comp=N,5035um,1.4s	AML	AML						
FSSB	Fossombrone	0.77 343	↑P S	Pg Sb	01 34 12.2 -0.3				
FSSB			AML	AML	01 34 25.0 +1.7				
FSSB	comp=E,4430um,0.5s	AML	AML						
FSSB	comp=N,5810um,0.6s	AML	AML						
APEC	Apecchio	0.77 321	↑P AML	Pg	01 34 12.2 -0.4				
APEC	comp=E,1600um,1.6s	AML	AML						
APEC	comp=N,2165um,1.4s	AML	AML						
APEC	comp=E,1875um,0.7s	AML	AML						
APEC	comp=E,1600um,1.6s	AML	AML						
APEC	comp=N,1760um,0.6s	AML	AML						
APEC	comp=N,2165um,1.4s	AML	AML						
FAGN	Fagnano	0.79 152	↑P S	Pn Sn	01 34 12.7 -1.9				
FAGN			AML	AML	01 34 25.0 -1.3				
FAGN	comp=E,4310um,0.4s	AML	AML						
VCEL	Villa Celiara	0.80 135	↑P S	Pn Sn	01 34 13.4 -1.3				
VCEL			AML	AML	01 34 26.0 -0.6				
VCEL	comp=E,4435um,1.1s	AML	AML						
BADI	Badiali	0.82 312	↑P AML	Pg	01 34 13.3 -0.3				
BADI	comp=E,72um,0.5s	AML	AML						
BADI	comp=E,72um,0.5s	AML	AML						
BADI	comp=N,960um,0.5s	AML	AML						
SRES	S.Oreste - Sor	0.83 210	↑P AML	Pn	01 34 14.2 -1.0				
SRES	comp=N,2015um,0.5s	AML	AML						
SRES	comp=E,1670um,0.9s	AML	AML						
PE3	Peglio	0.85 330	↑P AML	Pg	01 34 13.9 -0.2				
PE3	comp=N,3305um,0.4s	AML	AML						
PE3	comp=N,7um,0.4s	AML	AML						
SACS	San Casciano d	0.87 263	↑P	Pn	01 34 15.4 -0.3				

SACS	comp=N,2110um,0.6s	AML	AML						
SACS	comp=N,2105um,0.5s	AML	AML						
SACS	comp=E,1195um,0.7s	AML	AML						
SACS	comp=E,1410um,0.7s	AML	AML						
T0110	Collepietro	0.90 145	↑P	Pn	01 34 14.7 -1.4				
T0110	comp=E,4465um,0.6s	AML	AML						
T0110	comp=N,3630um,1.3s	AML	AML						
PARC	Parchiule	0.92 319	↑P	Pg	01 34 14.9 -0.6				
PARC	comp=N,920um,0.4s	AML	AML						
PARC	comp=E,1070um,0.6s	AML	AML						
SSP9	Sansepolcro	0.93 312	↑P	Pb	01 34 15.4 -0.2				
SSP9	comp=E,790um,1.1s	AML	AML						
SSP9	comp=N,1125um,0.5s	AML	AML						
MTCE	Montecello	0.97 195	↑P	Pn	01 34 16.3 -0.8				
MTCE	comp=E,1485um,1.6s	AML	AML						
MTCE	comp=N,1345um,0.7s	AML	AML						
CPGN	Carpegna, Ital	1.01 327	↑P	Pn	01 34 17.7 -0.1				
CPGN	comp=E,1045um,0.5s	AML	AML						
CPGN	comp=N,1530um,0.6s	AML	AML						
CPGN	comp=N,1205um,0.5s	AML	AML						
CPGN	comp=E,1585um,1.0s	AML	AML						
MCIV	Monte Civitelli	1.05 261	↑P	Pn	01 34 18.9 +0.7				
MCIV	comp=N,568um,0.5s	AML	AML						
MCIV	comp=E,732um,1.1s	AML	AML						
CRE	Caprese Michel	1.06 309	↑P	Pn	01 34 19.1 +0.8				
INTR	Intradacqua	1.13 147	P	Pn	01 34 18.2 -1.0				
INTR	comp=E,1006um,0.7s	AML	AML						
INTR	comp=N,2465um,0.7s	AML	AML						
INTR	comp=N,2um,0.7s	AML	AML						
INTR	comp=E,1um,0.7s	AML	AML						
CSNT	Castellina Chi	1.41 292	↑P	Pg	01 34 24.2 -0.5				
GIUL	Giuliano Di Ro	1.41 175	↑P	Pg	01 34 25.5 +0.9				
RUFU	Rufina	1.44 308	P	Pb	01 34 24.6 +0.1				
MIDA	Miranda	1.56 146	P	Pb	01 34 29.3 +1.4				
TRIV	Trivento	1.61 137	↑P	Pg	01 34 29.5 +0.9				
MELA	Melanico ??? S	1.97 129	↑P	Pb	01 34 34.0 -1.3				
RIV	Rijeka	2.57 23	ePn	Pg	01 34 42.5 -1.2				
RIV			eSn	Pn	01 35 12.7 +2.4				
RIV			eSn	Pn	01 34 47.1 +1.6				
PGF	Pioggiola	3.03 264	ePn	Pb	01 34 50.9 -0.7				
PGF	Pioggiola	3.03 264	ePn	Pb	01 35 21.1 +5.3				
PGF	comp=E,6.5nm,0.4s	eSn	Pn	01 35 21.5 -0.3					
STON	Ston	3.39 90	ePn	Pn	01 34 51.6 +1.2				
STON			eSn	Pn	01 35 30.9 +0.4				
MATE	Matera	3.56 129	↑P	Pn	01 34 52.6 -0.1				
MYKA	Tetra Mystica	3.69 6	i Pn	Pn	01 34 56.0 +1.5				
MYKA	comp=E,7.8nm,0.3s	i Sn	Pn	01 35 39.0 +1.0					
OBKA	Obala	3.70 16	i Pn	Pn	01 34 55.5 +0.8				
OBKA	comp=E,1.6nm,0.2s	Sg	Sg	01 35 58.0 +1.5					
OBKA	comp=E,45nm,0.8s	Sg	Sg	01 34 57.8 +1.6					
ABTA	Abfattersbach	3.81 354	ePn	Pn	01 35 41.8 +0.8				
ABTA	comp=E,9.1nm,0.4s,SNR=13	eSn	Pn	01 35 40.2 +1.8					
SOKA	Soboth	3.97 20	ePn	Pn	01 35 00.2 +1.8				
SOKA	comp=E,1.0nm,0.2s	eSn	Pn	01 35 45.2 +0.3					
SOKA	comp=E,3.0nm,0.3s	eSn	Pn	01 35 02.4 +1.8					
KBA	Koelnbreinsprei	4.12 3	ePn	Pn	01 35 02.4 +1.8				
KBA	comp=E,5.3nm,0.3s,SNR=16	eSn	Pn	01 35 49.3 +0.5					
SBF	Sospel	4.21 284	ePn	Pb	01 35 04.3 +2.7				
SBF	Sospel	4.21 284	ePn	Pb	01 35 07.3 -4.4				
SBF	comp=E,7.6nm,0.4s	eSn	Pn	01 35 49.8 -1.0					
FETA	Feichten	4.39 338	i Pn	Pn	01 35 07.3 +3.0				
FETA	comp=E,3.3nm,0.5s	i Sn	Pn	01 35 58.9 +3.5					
WTTA	Wattenberg	4.42 347	i Pn	Pn	01 35 07.5 +2.8				
WTTA	comp=E,2.9nm,0.4s	eSn	Pn	01 35 58.5 +2.2					
WTTA	comp=N,177nm,0.5s	eSn	Pn	01 35 07.8 +2.6					
SQTA	Sankt Quirin	4.46 343	ePn	Pn	01 35 07.8 +2.6				
SQTA	comp=E,4.5nm,0.3s	eSn	Pn	01 35 59.8 +2.7					
WATA	Waldheim	4.50 347	ePn	Pn	01 35 08.6 +2.9				
WATA	comp=E,14nm,0.6s	i Sn	Pn	01 36 00.9 +2.8					
PDG	Podgorica	4.58 95	ePn	Pn	01 35 08.2 +1.5				
MOTA	Mosalm	4.60 343	i Pn	Pn	01 35 09.7 +2.6				
MOTA	comp=E,2.3nm,0.4s	eSn	Pn	01 36 03.0 +2.4					
BBLs	Bad Ischl	4.70 77	ePn	Pn	01 35 10.6 +2.3				
BIOA	Bad Ischl, Aus	4.75 5	i Pn	Pn	01 35 11.7 +2.6				
BIOA	comp=E,7.0nm,0.2s,SNR=6.5	eSn	Pn	01 36 02.5 -1.5					
BIOA	comp=E,14nm,0.5s	eSn	Pn	01 35					

17d 2h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like CMB, TULM, PTAC, BONI, RUSC, ZARC, UREC, APAC, BARC, BRRC, CUSE, PTGC, PTGL, UPD2, PAMC, SJCC, BCIP, CRUC, TXAR, PDAR, NVAR, ESDC, TORD, ASAR.

IDC 17 02:00:04.1-0.7, 21.23N-144.28E, h0km, mb3.9/13, mbmp3.9/14, ML3.3/1, MS3.5/18, Error ellipse: s-maj=29.9km s-min=17.2km az=91.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like GUMO, MJAR, H11N1, H11N2, H11S3, H11N3, H11S1, H11S2, KSR5, ASAJ, USRK, KLR, PETK, HNR, KAPI, MA2, SONM, CTA, YAK, WRA, CMAR, ASAR, ZALV, MKAR, MKAR, ILAR, ILAR, INK.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like ARCES, NVAR, FINES, PDAR, ULM, ANMO, PLCA, LPAZ.

IDC 17 02:06:25.7-3.6, 20.66Sx175.57W, h0km, mb3.9/2, mbmp3.9/2, Error ellipse: s-maj=221.5km s-min=48.9km az=153.0, Tonga Islands

JMA 17 02:17:44.6-0.5, 23.12N-122.2E, h28km, MV2.8/10, TAIWAN REGION

TAP 17 02:17:46.1, 23.42N-121.90E, h32km, ML3.1, C

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like ASAR, WRA, AKASC, BRTR, MMAL, TEGC, TEGD, HGSD, EGFH, EYUL, EHY, EHY, YULB, YULB, CHKT, CHKT, ESL, FULB, FULB, HWA, HWA, EHD, EHD, EDH, EDH, EDW, EDW, TWD, TWD, ETL, ETL, VWDT, VWDT, VWDT, NACB, NACB, LDUT, LDUT, ELDTW, ELDTW, LONT, LONT, LONT, LONT, ETLH, ETLH, YUS, YUS, YUS, WUSB, WUSB, CHGB, CHGB, CHGB, WHF, WHF, WUSB, WUSB, SSLB, SSLB, TWGBT, TWGBT, TWG, TWG, TWG, ENA, ENA, ENA, WHYT, WHYT.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like WHYT, ALS, ALS, EWUT, EWUT, FUSS, FUSS, SMLT, SMLT, STYH, STYH, STYH, TWT, TWT, TDCB, TDCB, TYC, TYC, TYC, WCS, WCS, WNS, WNS, LATG, LATG, TWC, TWC, TPUB, TPUB, ECL, ECL, WTP, WTP, WTP, CHN4, CHN4, CHN4, NDS, NDS, NDS, WHP, WHP, WHP, ENT, ENT, ENT, SGST, SGST, SGST, CHN1, CHN1, CHN1, TWE, TWE, TWE, TWE, TWK, TWK, TWK, YHNB, YHNB, YHNB, NSK, NSK, NSK, TSMG, TSMG, TSMG, FUSB, FUSB, FUSB, JYNG, JYNG, JYNG, TWQ1, TWQ1, TWQ1, NWLT, NWLT, NWLT, SCST, SCST, SCST, EAST, EAST, EAST, WCHH, WCHH, WCHH, NFF, NFF, NFF, LYUB, LYUB, LYUB, TAWH, TAWH, TAWH, MASBT, MASBT, MASBT, YOJ, YOJ, YOJ, YOJ, NSTT, NSTT, NSTT, LIOB, LIOB, LIOB, WRL, WRL, WRL, TIPB, TIPB, TIPB, SLIU, SLIU, SLIU.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LCND La Caada, MATN Matagalpa, BOAB BOACOB BROADBAN, etc.

AZER 17 03:36:49.5:0.1, 39.20N:43.73E, h2km, Error ellipse: s-maj=2.9km s-min=1.9km az=301.0

ISK 17 03:36:49.6, 39.19N:43.62E, h5km, ML3.8/13 NSSP 17 03:36:49.5, 39.18N:43.68E, h5km, MS3.8

TIF 17 03:36:49.9, 39.15N:43.59E, h5km, 4km IDC 17 03:36:50.6:1.3, 39.21N:43.62E, h0km, mb3.5/10

TEH 17 03:36:50.5, 39.17N:43.65E, h6km, ML3.7 DDA 17 03:36:50.5:0.0, 39.20N:43.61E, h3km, 2km, MW3.8

ISC 17 03:36:51.2:1.1, 39.20N:0.02:43.63E, 0.02, h2km, 8km, n122, e1945/161, mb3.4/10, SC-3D, Turkey

Main table for the 1165 section, listing station codes, names, and various parameters. Includes stations like OZAP Van, OZAP Mer, AGRB Hanur-Agry, etc.

Main table for the 2016 DEC section, listing station codes, names, and various parameters. Includes stations like EJDJE, CUKT Kukurca, SLHN, etc.

Main table for the 17d 3h section, listing station codes, names, and various parameters. Includes stations like YKA, IDC 17 03:38:18.7:6.2, NIED 17 03:38:28.0, etc.

17d 4h

Table of astronomical observations for 17d 4h, listing stations like GEYT, ALIBECK, and various array configurations with their respective coordinates and parameters.

2016 DEC

Main table of astronomical observations for 2016 DEC, listing stations like NRK, NRK1, and various array configurations with their respective coordinates and parameters.

1166

Table of astronomical observations for 1166, listing stations like ASAR, MKAR, and various array configurations with their respective coordinates and parameters.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like PUNG Pungihina, ROIA ROIAK, DRGR Darabani, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like SVW2 Sparrevohn, SVW2, SLKM Sklak Lake, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like CHMS Chumysh, CHMS Chumysh, CHMS 216nm,0.7s, etc.

Table with columns: DJR, Jarkent, 6.56 38 Pg, Pg, 05 02 05.1 -1.4, etc. Includes stations like Jarkent, Ortayo, OTUK, MKAR, etc.

Table with columns: n75, c0645/82, Kansas, Code, Station Name, Az, AzZ, Phase ID, Time Res, etc. Includes stations like KAN06, KAN08, KAN12, etc.

Table with columns: LHUT, Little Humpy P, 0.98 144, Pg, 05 09 10.4 0.0, etc. Includes stations like LHUT, SNUT, CTU, etc.

IDC 17 05:24:02.5±2.7, 16.133x175.73W, h183km, 77km, mb3.4/3, mbmp3.9/4, Error ellipse: s-maj=279.8km

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

IDC 17 05:25:20.0±0.8, 40.90N, 72.98E, h0km, mb3.9/20, mbmp4.0/28, ML3.8/4.8, MS3.5/4, Error ellipse: s-maj=13.9km s-min=9.2km az=153.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, etc. Includes stations like OHH, ARK, AML, etc.

INET 17 05:02:47.3±1.9, 5.29N, 82.67W, h27km, 68km, MW3.5, ISC 17 05:02:41.8±1.6, 5.15N, 0.09, 82.74W, 0.09, h10km, n37, c±259/39, South of Panama

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, etc. Includes stations like CACAO, BRUZ, PEZE, etc.

UUSS 17 05:08:51.2±1.1, 41.684N, 0.009, 111.69W, 0.02, h3km, 7km, ML2.6/11, ML2.4/28(NEIC), Error ellipse: s-maj=2.4km s-min=1.1km az=110.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, etc. Includes stations like HWUT, ARK, AML, etc.

NEIC 17 05:05:51.5±0.9, 41.59N, 0.02, 111.75W, 0.03, h8km, 6km, Error ellipse: s-maj=3.8km s-min=2.1km az=224.0, Utah

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, etc. Includes stations like HWUT, ARK, AML, etc.

ANF 17 05:04:30.0±0.3, 37.24N, 97.86W, h5km, ML3.6/11, Error ellipse: s-maj=5.7km s-min=3.9km az=41.0, NEIC 17 05:04:30.0±0.3, 37.26N, 0.03, 97.86W, 0.02, h2km, 6km, Error ellipse: s-maj=4.0km s-min=1.7km az=163.0, ISC 17 05:04:30.0±0.3, 37.26N, 0.02, 97.88W, 0.02, h6km, 5km, etc.

AAK	Ala-Archa	1.87	36dePN	Pg	05 25 58.3	-0.1
AAK	Karagaybulak		pmax			
DRK	Karagaybulak	1.89	210	Pn	05 25 55.8	+0.5
DRK	Batken		↑/S		05 26 19.9	+0.5
BTK	Batken	1.98	238	Pn	05 25 57.2	+0.8
BTK	Batken		↑/S		05 26 22.4	+1.0
BTK	Batken	1.98	238	P	05 25 56.8	+0.4
BTK	Batken		↑/S		05 26 24.5	+0.8
FRU1	Bishkek	2.07	35	Pb	05 25 59.8	-0.5
FRU1	Batken		↑/S		05 26 26.3	0.0
KBK	Karagaybulak	2.10	43	P	05 26 02.6	-0.2
KBK	Karagaybulak		↑/P		05 26 00.4	-0.6
KBK	Karagaybulak	2.10	43	Pb	05 26 00.4	-0.6
KBK	Batken		↑/S		05 26 27.0	-0.3
DZA	Taraz	2.16	325	eP	05 26 03.6	-0.3
DZA	Taraz		eS		05 26 31.8	-0.2
DZA	Taraz	2.16	325	Pg	05 26 03.6	-0.3
NRN	Naryn	2.27	81	↑/P	05 26 02.0	+1.4
NRN	Naryn		↑/S		05 26 30.3	+1.3
CHMS	Chumysh	2.28	34	P	05 26 04.8	+0.9
CHMS	Chumysh		↑/S		05 26 31.7	-0.4
CHMS	Chumysh	2.28	34	↑/Pn	05 26 04.7	+0.9
CHMS	Chumysh		↑/Lg		05 26 36.5	
CHMG	Chimqan	2.30	282	S	05 26 32.9	0.0
CHRV	Charvak	2.36	284	S	05 26 34.4	-0.1
USP	Ospenkovka	2.41	27	↑/P	05 26 06.2	+0.2
IUG	Iuzhnay	2.46	296	eP	05 26 08.8	-0.7
IUG	Iuzhnay		eS		05 26 40.4	-1.0
BOOM	Boomsokoye usch	2.58	57	↑/P	05 26 06.9	+2.2
BOOM	Boomsokoye usch		↑/S		05 26 38.1	+1.8
YBZ	Yangibazar	2.59	275	S	05 26 43.5	-2.2
SGDS	Sogindiy	2.62	27	eP	05 26 11.9	-0.7
SGDS	Sogindiy		eS		05 26 45.8	-0.7
SGDS	Sogindiy	2.62	27	Pg	05 26 11.9	-0.7
SGDS	Sogindiy		Lg		05 26 45.8	
TKM2	Tokmak 2	2.63	46	↑/P	05 26 09.9	0.0
TKM2	Tokmak 2		↑/Pn		05 26 09.8	-0.2
TKM2	Tokmak 2	2.63	46	↑/Lg	05 26 46.7	
TKM2	Tokmak 2	2.63	46	eP	05 26 07.5	+2.1
TKM2	Tokmak 2		↑/S		05 26 39.8	+2.1
TKM2	Tokmak 2	2.63	46	PN	05 26 09.7	-0.2
ULHL	Ulhal	2.67	64	eP	05 26 08.0	+2.1
ULHL	Ulhal		↑/S		05 26 40.4	+1.9
KK31	Karatay Array	2.71	318	Pn	05 26 08.2	+1.8
KK31	Karatay Array		↑/Pn		05 26 08.5	+2.2
KK31	Karatay Array	2.71	318	PN	05 26 08.2	+1.8
KK31	Karatay Array		↑/Pn		05 26 08.3	+1.9
KK31	Karatay Array	2.71	318	PN	05 26 08.2	+1.9
KK31	Karatay Array		↑/Pn		05 26 08.0	+1.6
KKAR	Karatay Array	2.71	318	PN	05 26 08.2	+1.9
KKAR	Karatay Array		↑/S		05 26 40.7	+1.3
KKAR	Karatay Array	2.71	318	PN	05 26 08.3	+1.9
KKAR	Karatay Array		PN		05 26 10.3	+1.9
KKAR	Karatay Array	2.78	124	pP	05 26 15.1	-0.6
KSH	Kashi		eP		05 26 20.6	
KSH	Kashi		Sn		05 26 46.6	0.0
KSH	Kashi		pmax			
KSH	Kashi		smax			
KSH	Kashi		smax			
TAS	Tashkent	2.81	275	Pn	05 26 07.9	+0.2
TAS	Tashkent		↑/P		05 26 09.1	+1.4
TAS	Tashkent	2.81	275	PN	05 26 07.9	+0.2
TAS	Tashkent		↑/S		05 26 42.2	+0.4
TAS	Tashkent	2.81	275	PN	05 26 07.9	+0.2
CHM	Chimkent	2.82	296	eP	05 26 15.8	-0.6
CHM	Chimkent		eS		05 26 52.0	-0.9
CHM	Chimkent	2.82	296	PN	05 26 04.7	-3.1
KST	Kastek	2.92	48	eP	05 26 17.4	-0.9
KST	Kastek		eS		05 26 55.1	-1.0
KST	Kastek	2.92	48	Pg	05 26 17.4	-0.9
KST	Kastek		Lg		05 26 55.1	
DGS	Degeres	2.95	43	eP	05 26 18.2	-0.7
DGS	Degeres		eS		05 26 56.8	-0.3
DGS	Degeres	2.95	43	Pg	05 26 18.2	-0.7
DGS	Degeres		Lg		05 26 56.8	
GAR	Garm	2.96	225	Pn	05 26 12.0	+2.1
MTBS	Maitube	3.24	51	eP	05 26 23.6	-0.9
MTBS	Maitube		eS		05 27 05.7	-0.7
MTBS	Maitube	3.24	51	Pg	05 26 22.5	-2.0
MTBS	Maitube		Lg		05 27 04.4	
KRBS	Karabastau	3.24	37	eP	05 26 23.2	-1.3
KRBS	Karabastau		eS		05 27 05.0	-1.4
KRBS	Karabastau	3.24	37	Pg	05 26 23.2	-1.3
KRBS	Karabastau		Lg		05 27 05.0	
AAA	Alma-Ata	3.57	53	eP	05 26 30.2	-0.6
AAA	Alma-Ata		eS		05 27 16.9	-0.3
KNDC	Almaty	3.61	53	↑/P	05 26 31.0	-0.6
KNDC	Almaty		↑/Lg		05 27 18.1	
KNDC	Almaty	3.61	53	PN	05 26 30.9	-0.6
MDOK	Medeo	3.63	55	eP	05 26 29.9	-2.1
MDOK	Medeo		↑/S		05 27 16.9	-2.0
MDOK	Medeo	3.63	55	↑/P	05 26 29.9	-2.1
MDOK	Medeo		eS		05 26 29.9	-2.1
MDOK	Medeo		Lg		05 27 16.9	
MDOK	Medeo		↑/Lg		05 27 20.1	
MDOK	Medeo	3.63	55	PN	05 26 29.8	-2.1

TARG	Taragay, Kyrgy	3.65	79	Pn	05 26 22.6	+2.9
TARG	Taragay, Kyrgy		PN		05 26 22.6	+2.9
KUU	Kurty	3.70	41	eP	05 26 31.9	-1.5
KUU	Kurty		eS		05 27 19.9	-1.5
KUU	Kurty	3.70	41	Pg	05 26 31.9	-1.5
KUU	Kurty		Lg		05 27 19.8	
KTBS	Karabote	3.75	45	eP	05 26 32.4	-1.9
KTBS	Karabote		eS		05 27 20.8	-2.1
KTBS	Karabote	3.75	45	Pg	05 26 32.4	-1.9
KTBS	Karabote		Lg		05 27 20.8	
CHGR	Chuyangaron	3.85	231	Pn	05 26 23.5	+1.3
CHGR	Chuyangaron		PN		05 26 23.5	+1.3
SIMJ	Simiganj	3.94	233	Pn	05 26 26.4	+3.0
BTLs	Baital	3.99	11	eP	05 26 37.4	-1.4
BTLs	Baital		eS		05 27 29.1	-1.3
CHHK	Chushkaly	4.01	46	eP	05 26 37.5	-1.8
CHHK	Chushkaly		eS		05 27 29.7	-1.6
CHHK	Chushkaly	4.01	46	Pg	05 26 37.5	-1.8
CHHK	Chushkaly		Lg		05 27 29.7	
PRZ	Przeval'skiy	4.25	70	eP	05 26 29.9	+2.2
PRZ	Przeval'skiy		↑/S		05 27 18.5	+1.0
SATY	Saty	4.46	63	eP	05 26 46.1	-1.7
SATY	Saty		eS		05 27 45.0	-0.5
SATY	Saty	4.46	63	Pg	05 26 46.1	-1.7
SATY	Saty		Lg		05 27 45.0	
KPKS	Kokpek	4.81	59	eP	05 26 51.9	-2.8
KPKS	Kokpek		eS		05 27 54.3	-2.7
KPKS	Kokpek	4.81	59	Pg	05 26 51.9	-2.8
KPKS	Kokpek		Lg		05 27 54.3	
UZB	Uzymbulak	4.90	64	eP	05 26 54.3	-2.1
UZB	Uzymbulak		eS		05 27 58.6	-1.3
UZB	Uzymbulak	4.90	64	Pg	05 26 54.3	-2.1
UZB	Uzymbulak		Lg		05 27 58.6	
SHLS	Shalkode	5.21	65	eP	05 27 06.2	+4.0
SHLS	Shalkode		eS		05 28 18.7	+9.1
SHLS	Shalkode	5.21	65	Pg	05 27 06.2	+4.0
SHLS	Shalkode		Lg		05 28 18.7	+9.1
PDGK	Podgornoye	5.29	63	Pg	05 27 01.1	-2.7
PDGK	Podgornoye		Lg		05 27 01.9	-1.8
PDGK	Podgornoye	5.29	63	↑/P	05 27 01.9	-1.8
PDGK	Podgornoye		Lg		05 28 14.1	
DJR	Jarkent	5.93	55	eP	05 27 14.2	-1.8
DJR	Jarkent		eS		05 28 32.9	+0.1
DJR	Jarkent	5.93	55	Pg	05 27 14.2	-1.8
DJR	Jarkent		Lg		05 28 30.3	
OTUK	Ortay	7.13	356	↑/P	05 27 31.3	+4.8
OTUK	Ortay		↑/Lg		05 29 06.1	
KBL	Kabul	7.28	207	Pn	05 27 11.8	+2.4
KBL	Kabul		P		05 27 11.8	+2.4
CEP	Cherat	7.34	187	P	05 27 14.7	+4.6
CEP	Cherat		S		05 28 37.0	+3.3
CHCP	Chirah Chowk	7.46	178	P	05 27 14.2	+2.5
NIL	Nilore	7.46	178	P	05 27 14.2	+2.5
NIL	Nilore		P		05 27 14.2	+2.5
THW	Thamme Wali	8.38	187	P	05 27 27.2	+3.0
MAKZ	Makanchi	8.60	46	↑/Lg	05 29 57.7	
MAKZ	Makanchi		Lg		05 27 30.7	+3.5
MAK3	Makanchi Array	8.60	46	PN	05 27 30.7	+3.5
MAK3	Makanchi Array		P		05 27 32.4	+2.9
MAK3	Makanchi Array	8.77	47	↑/Lg	05 30 02.8	
MAK3	Makanchi Array		Lg		05 27 33.2	+3.7
MAK3	Makanchi Array	8.77	47	PN	05 27 31.9	+2.4
MAK3	Makanchi Array		Lg		05 29 56.0	
MAK3	Makanchi Array	8.77	47	PN	05 27 32.2	+2.8
MAK3	Makanchi Array		P		05 27 33.9	+4.4
MAK3	Makanchi Array	8.94	165	eP	05 27 39.0	+7.1
MAK3	Makanchi Array		eS		05 28 09.2	-3.6
MAK3	Makanchi Array		IAML		05 29 16.9	
THN	Thein Dam		PN		05 29 17.9	
THN	Thein Dam		IAML		05 29 17.9	
DHRM	Dharamshala	9.24	162	eP	05 27 38.8	+2.5
DHRM	Dharamshala		eS		05 29 16.0	-4.6
DHRM	Dharamshala		IAML		05 29 24.1	
DHRM	Dharamshala		IAML		05 29 31.9	+1.3
KURBB	Kurchatov Arra	10.24	20	PN	05 27 50.9	+1.3
KURBB	Kurchatov Arra		Lg		05 30 44.5	
KURBB	Kurchatov Arra	10.24	20	↑/Lg	05 30 47.2	
KURK	Kurchatov	10.35	20	PN	05 27 52.4	+1.3
KURK	Kurchatov		P		05 27 52.4	+1.3

17d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BUR08, PALK, FIA1, FINES, ARCES, etc.

IDC 17 05:25:47.7-4.6, 34.59N-23.33E, h14km, 37km, mb3.7/2, mbmp3.4/6, ML3.4/4, Error ellipse: s-maj=43.3km s-min=31.6km az=14.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KNDR, GVD, IMMV, ANKY, etc.

2016 DEC

HFS Hagfors 25.98 349 P P 05 31 16.4 -1.3
MKAR Makanchi Array 45.15 56 P P 05 34 00.1 -1.6
IDC 17 05:42:41.9-0.6, 21.72N:121.10E, h0km, mb3.9/14, mbmp3.9/14, MS3.3/2, Error ellipse: s-maj=39.7km s-min=14.2km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TSEB, TWKBT, TWK1, SMST, HEN, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VCHM, ESL, SMLT, TYC, PHUB, WRLL, etc.

17d 6h

KMI	comp=Z,220nm,5.4s	LR	LR		
KMI	comp=Z,520nm,15.3s	LR	LR		
KMI	comp=Z,690nm,12.0s	LR	LR		
KLR	comp=Z,680nm,19.3s Kul'dur 23.39 5 P P			06 23 35.4	-0.8
	comp=Z,4.4nm,0.9s, baz=186,slow=7.2,SNR=8.8				
LZH	comp=Z,4.4nm,0.9s Lanzhou 23.42 302 ↑P	P	P	06 23 35.3	-1.5
LZH		pP	pP	06 23 40.8	-2.6
LZH		pP	pP	06 23 43.5	-2.4
LZH		S	S	06 27 44.4	-4.2
LZH	comp=Z,20nm,1.5s	pmax	pmax		
LZH	comp=Z,130nm,5.2s	LR	LR		
LZH	comp=Z,720nm,12.4s	LR	LR		
LZH	comp=Z,760nm,14.1s	LR	LR		
LZH	comp=Z,960nm,15.1s	LR	LR		
YSS	comp=Z,4.4nm,0.9s, baz=186,slow=7.2,SNR=8.8 Puzh-Sakhalins 23.82 25 P P			06 23 40.2	0.0
YSS	YanzhiHua 24.05 277 P P			06 23 46.0	-0.2
PZH		pP	pP	06 23 46.3	-3.4
PZH		S	S	06 28 05.9	+7.1
PZH	comp=Z,30nm,1.2s	pmax	pmax		
PZH	comp=Z,320nm,3.6s	LR	LR		
PZH	comp=Z,2um,13.1s	LR	LR		
PZH	comp=Z,2um,12.9s	LR	LR		
PZH	comp=Z,2um,13.3s	LR	LR		
HEH	Heihe 24.30 358 eP	P	P	06 23 44.4	-0.4
HEH	comp=Z,5.0nm,0.9s	pmax	pmax		
HEH	comp=Z,160nm,6.2s	pmax	pmax		
CRAI	Chiangrai 26.51 264 P	I Amb	I Amb	06 24 03.5	-1.6
CRAI	comp=Z,44nm,1.7s			06 24 11.1	
SIJI	comp=Z,89nm,19.1s, baz=258,slow=34 Sorion 26.77 174 LR			06 33 34.5	
PHRA	Phrae 27.20 260 P	P	P	06 24 11.0	-0.4
GTA	Gaotai 27.54 306 ↑P			06 24 12.8	-1.6
GTA		pP	pP	06 24 21.3	+0.1
GTA		sP	sP	06 24 26.8	+2.9
GTA		sS	sS	06 29 10.8	+5.0
GTA	comp=Z,57nm,0.8s	pmax	pmax		
GTA	comp=Z,150nm,7.0s	LR	LR		
GTA	comp=Z,630nm,12.4s	LR	LR		
GTA	comp=Z,510nm,16.0s	LR	LR		
ULN	comp=Z,1um,14.2s Ulaanbaatar 27.67 328 P	I Amb	I Amb	06 24 14.5	-0.9
ULN		P	P	06 24 18.2	
SONM	comp=Z,15nm,0.8s Songino Array 27.96 327 P	I Amb	I Amb	06 24 17.1	-0.9
SONM	comp=Z,10nm,0.8s, baz=138,slow=10,SNR=36	LR	LR	06 36 39.5	
SONM	comp=Z,324nm,19.6s, baz=144,slow=39				
SONM	comp=Z,10nm,0.8s				
CHTO	comp=Z,12nm,0.8s Chiang Mai 28.24 262 P	I Amb	I Amb	06 24 19.7	-0.9
CMAR	Chiang Mai Arr 28.36 261 P	P	P	06 24 22.9	+1.1
CMAR	comp=Z,2.4nm,0.3s, baz=265,slow=6.9,SNR=12				
CMAR	Chiang Mai Arr 28.36 261 P	P	P	06 24 19.8	-1.9
KSM	Kuching 30.00 219 P	I Amb	I Amb	06 24 41.9	
KSM	comp=Z,30nm,1.6s				
GOMU	GeErMu 30.52 298 P	P	P	06 24 41.9	+0.7
GOMU		pP	pP	06 24 44.4	-3.4
GOMU		sP	sP	06 24 48.3	-2.3
GOMU		S	S	06 29 33.3	-8.3
GOMU	comp=Z,5.0nm,0.6s	pmax	pmax		
GOMU	comp=Z,91nm,4.3s	LR	LR		
GOMU	comp=Z,260nm,11.2s	LR	LR		
GOMU	comp=Z,290nm,12.1s	LR	LR		
GOMU	comp=Z,280nm,11.7s	LR	LR		
KAPI	Kappang 31.92 197 LR	LR	LR	06 38 15.3	
KAPI	comp=Z,68nm,19.7s, baz=7.5,slow=37				
SHL	Shilong 32.96 278 P	I Amb	I Amb	06 25 02.1	-0.4
SHL	comp=Z,18nm,0.9s			06 25 03.5	
YAK	Yakutsk 36.10 1 LR	LR	LR	06 40 32.8	
YAK	comp=Z,239nm,19.5s, baz=91,slow=30				
YAK	Yakutsk 36.10 1 P	I Amb	I Amb	06 25 28.7	-0.3
YAK	comp=Z,30nm,0.8s				
BATI	Baumata 36.23 188 LR	LR	LR	06 39 53.9	
BATI	comp=Z,58nm,21.0s, baz=52,slow=36				
TAPN	Taplejung 36.42 282 eP	P	P	06 25 32.8	+0.3
TAPN	comp=Z,8.4nm,0.3s				
RPSI	Rantau Prapat 36.66 236 P	I Amb	I Amb	06 25 34.7	+0.4
RPSI	comp=Z,25nm,1.8s				
ODAN	Odare 36.77 281 eP	P	P	06 25 33.3	-0.1
MA2	Magadan 37.00 19 LR	LR	LR	06 42 13.9	
MA2	comp=Z,144nm,18.4s, baz=210,slow=39				
RAMN	Ramite 37.46 281 eP	P	P	06 25 41.0	-0.3
RAMN	comp=Z,28nm,0.8s				
WMQ	Urumbi 37.53 309 eP	P	P	06 25 40.9	-0.6
WMQ		pP	pP	06 25 48.8	+0.3
WMQ		pP	pP		
WMQ	comp=Z,19nm,2.1s	LR	LR		
WMQ	comp=Z,710nm,9.5s	LR	LR		
WMQ	comp=Z,400nm,13.7s	LR	LR		
WMQ	comp=Z,250nm,14.3s	LR	LR		
KRVT	Keravat (AS076) 37.70 139 LR	LR	LR	06 38 14.1	
KRVT	comp=Z,86nm,21.7s, baz=216,slow=31				
JIRN	Jiri 37.72 282 eP	P	P	06 25 43.7	0.0
JIRN	comp=Z,7.2nm,0.5s				
GUN	Gumba 37.96 283 eP	P	P	06 25 46.0	+0.3
GUN	comp=Z,31nm,0.6s				
PKI	Pulchoki 38.42 282 eP	P	P	06 25 49.1	-0.4
PKI	comp=Z,15nm,0.5s				
PKIN	Phulchoki 38.43 282 eP	P	P	06 25 49.3	-0.2
PKIN	comp=Z,21nm,0.4s				
KKN	Kakani 38.51 283 eP	P	P	06 25 50.0	-0.1
DMN	Daman 38.68 282 eP	P	P	06 25 51.4	-0.2
DMN	comp=Z,63nm,0.9s				
PMG	Port Moresby 39.51 150 LR	LR	LR	06 39 40.2	
PMG	comp=Z,120nm,19.7s, baz=342,slow=32				
DANN	Dangsing 39.77 284 eP	P	P	06 26 01.0	+0.3
DANN	comp=Z,9nm,0.6s				
KOLN	Koldanda 39.98 283 eP	P	P	06 26 01.1	-1.3
KOLN		P	P	06 26 01.2	-1.2
KOLN		P	P	06 26 01.3	-1.2
SEY	Seymchan 40.22 17 P	P	P	06 26 03.9	+0.2
SEY	comp=Z,1.1nm,0.5s, baz=183,slow=24,SNR=4.1				
SEY	comp=Z,2.1nm,0.5s				
PYUN	Piuthan 40.47 284 eP	P	P	06 26 05.9	-0.6
PYUN	comp=Z,111nm,1.0s				
MK31	Makanchi Array 41.95 312 P	P	P	06 26 17.8	-0.4
MKAR	Makanchi Array 41.95 312 P	P	P	06 26 17.4	-0.7
MKAR	comp=Z,3.9nm,0.5s, baz=98,slow=10,SNR=52				
MKAR	comp=Z,1.0nm,0.6s, baz=94,slow=3.6,SNR=3.8				
MKAR	comp=Z,112nm,19.7s, baz=118,slow=39	LR	LR	06 45 49.5	
MKAR	comp=Z,3.9nm,0.5s				
MKAR	Makanchi Array 41.95 312 P	P	P	06 26 17.6	-0.5
MAKZ	Makanchi 42.18 312 P	P	P	06 26 19.1	-0.8
ZAO	Zalesovo Array 42.66 323 P	P	P	06 26 22.7	-1.1
ZALV	Zalesovo Beam 42.66 323 P	P	P	06 26 22.8	-1.0
ZALV	comp=Z,2.8nm,0.7s, baz=106,slow=8.4,SNR=11				

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ZALV	comp=Z,0.4nm,0.3s, baz=108,slow=4.7,SNR=2.1	PcP	PcP	06 28 13.9	-1.5
ZALV		LR	LR	06 45 28.0	
ZALV	comp=Z,195nm,19.8s, baz=108,slow=38				
SHEM	Zalesovo Beam 42.66 323 P	P	P	06 26 22.3	-1.5
SHEM	comp=Z,2.8nm,0.7s				
SHEM	Shemya Is, Ala 43.22 39 LR	LR	LR	06 45 00.7	
SHEM	comp=Z,69nm,20.1s, baz=14,slow=37				
KURBB	Kurchatov Arr 45.27 317 P	P	P	06 26 43.7	-1.1
KURBB	comp=Z,4.6nm,0.7s, baz=104,slow=8.5,SNR=25				
KURBB		PcP	PcP	06 28 23.6	-0.8
KURBB	comp=Z,0.3nm,0.3s, baz=98,slow=4.1,SNR=2.3				
KURBB	comp=Z,4.6nm,0.7s				
KSH	Kashi 45.66 301 P	pP	pP	06 26 51.6	+3.3
KSH		pP	pP	06 26 56.6	+1.5
KSH		sP	sP	06 26 59.4	+1.5
KSH		LR	LR		
KSH	comp=Z,340nm,13.7s	LR	LR		
KSH	comp=Z,490nm,13.7s	LR	LR		
KSH	comp=Z,440nm,14.8s	LR	LR		
WRA	Warrangung Arr 45.94 172 P	P	P	06 26 51.4	+1.0
WRA	comp=Z,4.6nm,0.7s, baz=354,slow=8.0,SNR=15				
WRA	comp=Z,4.6nm,0.7s, baz=354,slow=8.0,SNR=15	LR	LR	06 46 50.6	
WRA	comp=Z,7.9nm,19.0s, baz=59,slow=37				
WRA	comp=Z,4.8nm,0.7s				
WRA	Honiara 45.94 172 P	P	P	06 26 49.4	-1.0
WRA	comp=Z,486nm,19.1s, baz=274,slow=35				
AAK	Ala-Archa 46.88 305 P	P	P	06 26 58.2	+0.3
AAK	comp=Z,1.0nm,0.3s, baz=124,slow=1.9,SNR=4.2				
AAK	comp=Z,1.62nm,18.1s, baz=105,slow=40				
AAK	comp=Z,1.0nm,0.3s				
AAK	Ala-Archa 46.88 305 P	P	P	06 26 58.1	+0.3
BILL	Bilibino 47.87 18 P	I Amb	I Amb	06 27 43.2	-0.2
BILL	comp=Z,1.8nm,1.3s				
CTA	Charters Tower 48.87 158 P	P	P	06 27 14.3	+1.2
CTA	comp=Z,3.6nm,0.6s, baz=331,slow=8.9,SNR=7.1				
CTA	comp=Z,4.7nm,18.9s, baz=338,slow=37				
CTA	comp=Z,3.6nm,0.6s				
CTA	Charters Tower 48.87 158 P	P	P	06 27 13.4	+0.3
ASAR	Alice Springs 49.57 174 P	P	P	06 27 20.4	+1.8
ASAR	comp=Z,3.0nm,0.8s, baz=0.8,slow=7.9,SNR=24				
ASAR	comp=Z,4.7nm,21.1s, baz=350,slow=35				
ASAR	comp=Z,3.0nm,0.8s				
ASAR	Alice Springs 49.57 174 P	P	P	06 27 19.3	+0.8
KK31	Karatay Array 49.82 306 P	P	P	06 27 20.3	0.0
KKAR	Karatay Array 49.82 306 P	P	P	06 27 20.6	+0.2
KKAR	Karatay Array 49.82 306 P	P	P	06 27 20.3	0.0
GGAR	Garm 50.06 300 P	P	P	06 27 21.8	-0.5
GGAR	Borovoye Array 50.69 318 P	P	P	06 27 26.9	+0.1
BVAR	comp=Z,6.3nm,0.6s, baz=71,slow=8.7,SNR=35				
BVAR		PcP	PcP	06 28 44.3	+0.5
BVAR	comp=Z,2.7nm,0.8s, baz=74,slow=5.1,SNR=2.2				
BVAR	comp=Z,192nm,18.8s, baz=80,slow=39				
BVAR	comp=Z,6.3nm,0.6s				
BRVK	Borovoye 50.76 318 P	I Amb	I Amb	06 27 27.4	+0.2
BRVK	comp=Z,2.5nm,1.1s				
KBL	Kabul 51.49 295 P	I Amb	I Amb	06 27 32.9	-0.4
KBL	comp=Z,2.1nm,0.8s				
AKBAR	Akbulak array 57.06 313 P	P	P	06 28 13.4	0.0
ARU	Alice Springs 57.31 322 P	P	P	06 28 18.9	+0.4
ARU	comp=Z,2.1nm,0.3s, baz=355,slow=2.2,SNR=8.4				
ARU	comp=Z,177nm,20.5s, baz=110,slow=38				

BBS	Serra de San D	18.81	112	eP	P	07 27 44.2	-2.2
PAMC	Pamplona, Colo	19.12	19	eP	P	07 27 50.5	+0.3
LCO	Las Campanas	19.60	158	P	Pn	07 27 56.4	-0.3
LCO	Las Campanas	19.60	158	P	Pn	07 27 56.4	-0.3
LCO							
comp=	Z,65nm,1.2s						
AC05	El Transito	19.61	157	P	P	07 27 55.0	-0.2
MACA	Manacapurú-AM	19.63	68	P	P	07 27 54.7	+0.6
MACA							
comp=	Z,780nm,1.9s						
MACA	Manacapurú-AM	19.63	68	eP	P	07 27 54.2	-1.1
PTLB	Pontes e Lacer	19.77	105	P	P	07 27 56.6	-0.3
PTLB							
comp=	Z,83nm,1.2s						
BTRB	Pontes e Lacer	19.77	105	eP	P	07 27 56.5	-0.4
BBR	Robore, Bolivi	19.88	114	P	P	07 27 56.5	+0.6
BRUZ	Volcan	19.90	349	P	P	07 27 59.1	+0.6
BRUZ							
comp=	Z,218nm,1.7s						
CO05	La Serena	20.25	160	P	P	07 28 02.3	+0.4
CO05							
SRBA	San Rafael, Bu	20.46	347	P	P	07 28 05.5	+1.0
SRBA							
comp=	Z,74nm,1.4s						
GO04	Tololo Observa	20.63	160	I	I	07 28 07.1	+0.8
GO04							
comp=	Z,79nm,0.9s						
PEZE	Perez Zeledon,	20.68	347	P	Pn	07 28 08.1	-1.1
RIMA	Rio Macho	21.29	346	I	I	07 28 12.7	+1.3
RIMA							
comp=	Z,68nm,1.3s						
JACO	JACO, Garabito	21.19	344	P	P	07 28 13.2	+0.9
CO03	El Pedregal	21.28	160	P	P	07 28 13.5	+0.3
SDV	Santo Domingo	21.29	23	P	P	07 28 13.7	+0.1
comp=	Z,17nm,0.9s						
SDV							
comp=	Z,6.3nm,0.8s						
SDV							
comp=	Z,1um,20.2s						
SDV							
comp=	Z,17nm,0.9s						
SDV	Santo Domingo	21.29	23	P	P	07 28 13.4	-0.1
SDV							
comp=	Z,81nm,1.2s						
SDV	Santo Domingo	21.29	23	eP	P	07 28 13.6	+0.1
HDC	Heredia	21.38	346	P	P	07 28 15.3	+0.8
HDC							
comp=	Z,61nm,1.0s						
HDC	Heredia	21.38	346	eP	P	07 28 17.5	+3.1
CO02	Combarbal	21.51	161	P	P	07 28 16.5	+0.7
CO02							
comp=	Z,69nm,1.1s						
PDRB	Porto dos Gac	21.76	94	eP	P	07 28 18.0	-0.4
JTS	Las Juntas de	21.87	344	P	P	07 28 20.2	+0.6
JTS							
comp=	Z,68nm,1.4s						
JTS	Las Juntas de	21.87	344	eP	P	07 28 22.0	+2.4
JTS	Las Juntas de	21.87	344	eP	P	07 28 18.8	-0.8
JTS							
comp=	Z,60nm,1.4s						
ORTG	Ortega, Santa	22.09	343	P	P	07 28 22.1	+0.2
ORTG							
comp=	Z,73nm,1.4s						
COVE	Coopo Vega, Sa	22.14	346	P	P	07 28 24.1	+1.7
COVE							
comp=	Z,110nm,1.1s						
H03N2	Juan Fernandez	22.46	180	T	T	07 51 37.7	
H03N1	Juan Fernandez	22.46	180	T	T	07 51 38.5	
BAUV	El Baul	22.46	29	P	P	07 28 25.5	-0.4
H03N3	Juan Fernandez	22.47	180	T	T	07 51 40.2	
BOAV	Boa Vista	22.55	55	P	P	07 28 25.8	-1.1
BOAV							
comp=	Z,92nm,1.1s						
BOAV	Boa Vista	22.55	55	eP	P	07 28 25.4	-1.5
CO03	Correjon, Guaj	22.56	16	eP	P	07 28 24.5	-2.6
ZON	Zonda	22.64	157	P	P	07 28 27.1	-0.4
ZON							
ZON							
comp=	Z,34nm,1.1s						
CLDB	Colider	22.69	92	eP	P	07 28 27.3	-1.2
VA06	Catapipe	22.69	163	P	P	07 28 28.4	+0.2
CFA	Coronel Fontan	22.87	156	P	P	07 28 31.1	+1.0
CFA							
comp=	Z,92nm,20.6s						
MURT	Porto Martinho	23.05	120	eP	P	07 28 32.5	+0.5
VA03	San Esteban	23.10	162	P	P	07 28 33.4	+0.8
VA03							
comp=	Z,44nm,1.0s						
SALV	Santo Antonio	23.11	105	eP	P	07 28 31.8	-1.0
ROC1	El Roble	23.16	163	P	P	07 28 33.9	+0.5
ROC1							
comp=	Z,37nm,0.9s						
URIC	Uribia, Colomb	23.46	17	eP	P	07 28 31.9	-4.2
ESPN	Las Esperanzas	23.54	347	P	P	07 28 37.6	+0.7
ESPN							
comp=	Z,60nm,1.1s						
NPBG	Novo Progresso	23.56	83	eP	P	07 28 36.4	-0.9
MT05	Renca	23.63	163	P	P	07 28 38.8	+1.0
MT05							
comp=	Z,86nm,1.2s						
MT03	Universidad Ad	23.79	162	P	P	07 28 39.2	-0.2
MT03							
comp=	Z,64nm,1.2s						
ITTB	Itaituba	23.84	76	eP	P	07 28 39.5	-0.5
MT09	Talagante	23.92	164	P	P	07 28 40.9	+0.3
MT09							
comp=	Z,51nm,1.2s						
PP1B	Ponte de Pedra	24.21	109	eP	P	07 28 42.8	-0.6
LMEL	Las Melosas	24.21	162	P	P	07 28 43.6	+0.2
LMEL							
comp=	Z,57nm,1.0s						
BO04	La Punta	24.23	163	P	P	07 28 43.7	+0.3
ACDB	Aquidauana	24.26	116	P	P	07 28 44.0	+0.2
CDB	Aquidauana	24.26	116	eP	P	07 28 44.0	+0.2
BO01	Tunca	24.47	164	P	P	07 28 45.7	+0.1
GO05	Huala	24.85	166	P	P	07 28 48.4	-0.6
GO05							
comp=	Z,48nm,1.4s						
BO02	Sierra Bellavi	24.93	164	P	P	07 28 49.9	+0.1
PCRV	Puerto La Cruz	25.27	35	P	P	07 28 54.2	+1.2
PCRV							
comp=	Z,64nm,0.9s						
PCRV							
comp=	Z,5um,18.0s						
CPUP	Villa Florida	25.51	130	P	P	07 28 55.6	+0.6
CPUP							
comp=	Z,53nm,0.9s						
CPUP							
comp=	Z,2.0nm,0.9s						
CPUP	Villa Florida	25.51	130	P	P	07 28 55.3	+0.2
CPUP	Villa Florida	25.51	130	P	P	07 28 55.3	+0.2
CPUP							
comp=	Z,81nm,1.1s						
ML02	Panamavida	25.69	166	P	P	07 28 56.6	+0.1
ML02							
comp=	Z,56nm,1.1s						
AMBA	Amambai, Brazi	25.78	121	eP	P	07 28 58.4	+0.8
MALB	Monte Alegre	26.05	72	eP	P	07 28 59.9	-0.2
TGUH	Teguicigalpa,Un	26.13	341	P	P	07 29 01.4	+0.5
TGUH							
comp=	Z,49nm,1.1s						
C2SB	Chapadao do Su	26.36	110	eP	P	07 29 03.8	+0.9
MCA	Mercedes	26.65	136	eP	P	07 29 06.3	+0.9
ARAG	Araguaiana, MT	26.78	103	eP	P	07 29 06.7	0.0
SNDB	Serra Nova Dou	27.08	95	eP	P	07 29 09.5	+0.1
MT03	Montecristo	27.17	337	P	P	07 29 11.5	+1.2
AZCA	Azaras, Argent	27.48	132	eP	P	07 29 13.5	+0.7
ITOB	Itaqui	27.49	135	eP	P	07 29 16.0	-1.0
ITOB							
comp=	Z,54nm,0.9s						
ITOB	Itaqui	27.94	135	eP	P	07 29 17.6	+0.7
PCMB	Pacambu	28.55	115	eP	P	07 29 23.4	+0.8
CRSN	Crisiul Br	28.62	129	eP	P	07 29 23.5	+0.5
MCPB	Macapa, AP	28.65	70	P	P	07 29 23.6	+0.2
UNIS	Unistalda (Bra	28.69	133	eP	P	07 29 24.8	+1.1
ITRB	Iturama	28.86	111	eP	P	07 29 25.8	+0.5
PTGB	Pitanga	28.95	122	eP	P	07 29 27.4	+1.4
PRPB	Parauapebas	29.13	93	eP	P	07 29 27.5	-0.2
ITAB	Concordia	29.98	127	eP	P	07 29 35.8	+0.5

BDFB	Brasilia	30.42	102	P	P	07 29 39.6	+0.3
BDFB							
comp=	Z,28nm,0.9s						
BDFB	Brasilia	30.42	102	P	P	07 29 39.6	+0.3
BDFB							
comp=	Z,2um,20.9s						
BDFB	Brasilia	30.42	102	P	P	07 29 39.6	+0.3
BDFB							
comp=	Z,43nm,1.0s						
BDFB	Brasilia	30.42	102	eP	P	07 29 39.3	+0.1
BDFB	Brasilia	30.42	102	P	P	07 29 38.5	-0.7
BDFB							
comp=	Z,43nm,1.0s						
LL04	Puerto Octay	30.46	170	P	P	07 29 39.4	+0.2
IPMB	Iparani, GO	30.52	107	eP	P	07 29 39.4	+0.6
FRTB	Faturama	30.58	118	eP	P	07 29 41.7	+1.1
MDP	Montagnes des	30.58	60	LR	LR	07 42 49.6	
comp=	Z,5um,18.3s						
CPBS	Cacapava Do Su	30.61	133	eP	P	07 29 41.1	+0.5
PLCA	Paso Flores	30.64	167	P	P	07 29 41.2	+0.3
PLCA							
comp=	Z,7.3nm,0.9s						
PLCA	Paso Flores	30.64	167	P	P	07 29 41.4	+0.6
PLCA	Paso Flores	30.64	167	P	P	07 29 41.6	+0.8
PLCA	Paso Flores	30.64	167	P	P	07 29 41.4	+0.6
comp=	Z,13nm,1.0s						
PLCA	Paso Flores	30.64	167	P	P	07 29 41.1	+0.3
SMTB	Santa Maria do	30.91	89	eP	P	07 29 44.3	+0.8
TRQA	Tornquist	31.03	154	P	P	07 29 44.2	0.0
TRQA							
comp=	Z,35nm,1.6s						
TRQA	Tornquist	31.03	154	P	P	07 29 44.2	0.0
TRQA							
comp=	Z,35nm,1.6s						
OBIP	Obispado Ponce	31.20	23	P	P	07 29 46.1	+0.2
CELP	Cerrillos	31.23	23	P	P	07 29 45.9	-0.3
PLTB	Pedras Altas	31.28	135	P	P	07 29 45.5	-1.1
PLTB							
comp=	Z,92nm,1.2s						
PLTB	Pedras Altas	31.28	135	eP	P	07 29 47.0	+0.4
AOPR	Arecibo Observ	31.42	23	P	P	07 29 47.3	-0.5
SJG	San Juan	31.43	24	LR	LR	07 45 40.0	
SJG							
comp=	Z,803nm,18.1s						
SJG	San Juan	31.43	24	P	P	07 29 47.0	-1.0
SJG	San Juan	31.43	24	P	P	07 29 47.0	-1.0
comp=	Z,64nm,1.1s						
SJG	San Juan	31.43	24	P	P		

CESI	S	Sg	08 47 37.1 +1.4	
CESI	AML	AML		
comp=N,9470µm,0.3s				
CESI	AML	AML		
comp=E,6275µm,1.0s				
CESI	AML	AML		
comp=N,594µm,0.2s				
CESI	AML	AML		
comp=E,243µm,0.3s				
ASSB Assisi San Ben	0.23 338	P S	Pg Sg	08 47 33.9 +0.6
ASSB	AML	AML		08 47 38.0 +1.4
comp=E,391µm,0.2s				
ASSB	AML	AML		
comp=N,546µm,0.3s				
ASSB	AML	AML		
comp=N,188µm,0.4s				
ASSB	AML	AML		
comp=E,302µm,0.1s				
NRCA Norcia	0.25 88	P	Pg	08 47 31.4 -2.3
NRCA	AML	AML		
NRCA	AML	AML		
NRCA	AML	AML		
NRCA	AML	AML		
NRCA	AML	AML		
Cesi	0.26 214	P	Pg	08 47 34.5 +0.6
CESI	AML	AML		08 47 39.1 -0.9
comp=N,191µm,0.2s				
CESI	AML	AML		
comp=E,224µm,1.0s				
CESI	AML	AML		
comp=N,118µm,0.2s				
T1219 Muccia, Frazio	0.28 36	P	Pg	08 47 34.9 +0.6
T1219	S	Sb	Sg	08 47 39.6 -1.2
T1219	AML	AML		
comp=E,2915µm,1.5s				
T1219	AML	AML		
comp=E,2915µm,1.5s				
T1219	AML	AML		
comp=N,3545µm,0.5s				
T1219	AML	AML		
comp=E,2910µm,1.5s				
T1219	AML	AML		
comp=N,3740µm,0.4s				
T1219	AML	AML		
comp=N,3550µm,0.5s				
T1218 Civita (PG)	0.29 122	S	Sg	08 47 36.0 -2.4
LNSS Leonessa	0.30 139	S	Sg	08 47 35.0 -3.5
LNSS	AML	AML		
comp=E,256µm,0.5s				
LNSS	AML	AML		
comp=E,255µm,0.5s				
LNSS	AML	AML		
comp=N,322µm,0.3s				
T1245 Castelsantange	0.30 84	↑P	Pg	08 47 31.9 -2.8
T1245	AML	AML		
comp=E,80650µm,0.5s				
T1245	AML	AML		
comp=N,81100µm,0.4s				
T1245	AML	AML		
comp=E,83250µm,0.5s				
T1245	AML	AML		
comp=N,78250µm,0.4s				
T1245	AML	AML		
comp=E,80650µm,0.5s				
T1245	AML	AML		
comp=N,81150µm,0.4s				
T1245	AML	AML		
comp=N,81150µm,0.4s				
FDMO Fiordimonte	0.31 47	P	Pg	08 47 35.3 +0.6
FDMO	S	Sb	Sg	08 47 40.8 -0.7
FDMO	AML	AML		
comp=N,3595µm,1.2s				
FDMO	AML	AML		
comp=E,4755µm,0.5s				
FDMO	AML	AML		
comp=N,3600µm,1.2s				
FDMO	AML	AML		
comp=N,170µm,0.2s				
FDMO	AML	AML		
comp=E,182µm,0.1s				
ATCC AVT- Casa Cast	0.37 344	P	Pg	08 47 36.5 +0.5
ATCC	S	Sb	Sg	08 47 43.0 -0.3
ATCC	AML	AML		
comp=E,1335µm,0.4s				
ATCC	AML	AML		
comp=N,1630µm,0.5s				
ATCC	AML	AML		
comp=N,113µm,0.3s				
T1256 Bolognola (MC)	0.38 61	↑P	Pg	08 47 36.6 +0.6
T1256	S	Sb	Sg	08 47 42.7 -0.8
T1256	AML	AML		
comp=E,4645µm,0.5s				
T1256	AML	AML		
comp=N,4355µm,0.8s				
T1256	AML	AML		
comp=E,4840µm,0.5s				
T1256	AML	AML		
comp=N,4125µm,0.8s				
T1256	AML	AML		
comp=N,4360µm,0.8s				
T1256	AML	AML		
comp=N,4360µm,0.5s				
CSP1 Cessapalombo	0.41 50	P	Pg	08 47 37.2 +0.5
CSP1	S	Sb	Sg	08 47 43.7 -0.7
CSP1	AML	AML		
comp=E,3800µm,0.6s				
CSP1	AML	AML		
comp=N,3190µm,0.3s				
CSP1	AML	AML		
comp=E,3805µm,0.6s				
CSP1	AML	AML		
comp=N,3195µm,0.3s				
CSP1	AML	AML		
comp=E,120µm,0.3s				
MMO1 Montemonaco	0.41 80	P	Pg	08 47 33.5 -3.2
SNTG Bolognola (MC)	0.44 16	P	Pg	08 47 37.5 +0.2
SNTG	AML	AML		
comp=N,662µm,0.2s				
SNTG	AML	AML		
comp=E,756µm,0.6s				
SNTG	AML	AML		
comp=E,816µm,0.5s				
SNTG	AML	AML		
comp=N,662µm,0.2s				
SNTG	AML	AML		
comp=N,732µm,0.5s				
RM33 Pellescritta	0.45 134	S	Sg	08 47 38.0 -5.4
FOSV Fossato di Vic	0.47 359	P	Pg	08 47 36.0 -1.7
FOSV	AML	AML		
comp=E,669µm,0.3s				
FOSV	AML	AML		
comp=E,670µm,0.3s				
FOSV	AML	AML		
comp=N,1092µm,1.4s				
MURB Monte Urbino	0.47 337	S	Sb	08 47 47.0 +0.7
MURB	AML	AML		
comp=E,1835µm,0.4s				
MURB	AML	AML		
comp=N,1325µm,0.3s				
MURB	AML	AML		
comp=N,1190µm,0.4s				
MURB	AML	AML		
comp=N,1965µm,0.4s				
T1241 Roccafluvione,	0.48 86	P	Pg	08 47 34.3 -3.6
T1241	S	Sb	Sg	08 47 47.0 +0.6
T1241	AML	AML		
comp=E,6960µm,0.4s				
T1241	AML	AML		
comp=E,6835µm,0.4s				
T1241	AML	AML		
comp=N,4145µm,0.9s				
T1241	AML	AML		
comp=E,6955µm,0.4s				
T1241	AML	AML		
comp=N,4160µm,0.4s				
T1243 Rocca Santa Ma	0.51 105	P	Pg	08 47 34.7 -3.8
EL6 Elcito	0.56 25	P	Pg	08 47 39.7 +0.3
EL6	AML	AML		
comp=E,1450µm,0.2s				
EL6	AML	AML		
comp=N,1385µm,0.3s				
EL6	AML	AML		
comp=E,1445µm,0.2s				

PTRJ Pietraraja	1.96 138	AML	AML	
comp=N,1270µm,0.5s				
PTRJ	comp=E,968µm,1.2s	AML	AML	
PTRJ	comp=N,1160µm,0.5s	AML	AML	
PTRJ	comp=E,720µm,0.4s	AML	AML	
CARD Cardoso	2.06 306	S	Sg	08 48 37.0 +2.3
NDIM Novi di Modena	2.47 327	↑P	Pg	08 48 15.8 -0.1
MGR Morigerati	3.40 141	S	Sn	08 48 59.0 -3.2
ROM 17 08:47:45.3±0.0, 42.807N±0.003±13.138E±0.004, h8km, ML2.9/20, Error ellipse: s-maj=0.3km s-min=0.2km az=63.0				
ISC 17 08:47:45.6±0.0, 42.80N±0.02±13.14E±0.02, h9km±4km, n58, ±1900/87, 14C-9D, Central Italy				
Code	Station Name	Δ° AZ°	Phase ID	Time Res h m s ISC
NRCA Norcia	0.04 330	P	Pg	08 47 46.8 -0.6
NRCA	AML	AML		08 47 47.4 -1.4
NRCA	AML	AML		
NRCA	AML	AML		
NRCA	AML	AML		
NRCA	AML	AML		
T1245 Castelsantange	0.07 31	P	Pg	08 47 47.3 -0.5
T1245	S	Sb	Sg	08 47 48.6 -0.8
T1245	AML	AML		
comp=N,78250µm,0.4s				
T1245	AML	AML		
comp=E,80650µm,0.5s				
T1245	AML	AML		
comp=N,81150µm,0.4s				
T1245	AML	AML		
comp=E,80650µm,0.5s				
T1245	AML	AML		
comp=N,81150µm,0.4s				
T1245	AML	AML		
comp=N,81150µm,0.4s				
MC2 Monte Cornacci	0.12 18	P	Pg	08 47 48.6 +0.1
MC2	S	Sb	Sg	08 47 50.8 +0.3
T1218 Preci, Frazio	0.13 316	P	Pg	08 47 48.5 0.0
T1218	S	Sb	Sg	08 47 51.0 +0.4
T1218	AML	AML		
comp=N,2400µm,0.4s				
T1218	AML	AML		
comp=E,17400µm,0.3s				
T1218	AML	AML		
comp=N,2400µm,0.4s				
T1218	AML	AML		
comp=E,17400µm,0.3s				
T1218 Civita (PG)	0.13 188	P	Pg	08 47 49.1 +0.5
T1218	S	Sb	Sg	08 47 51.7 +1.0
T1218	AML	AML		
comp=E,6315µm,1.4s				
T1218	AML	AML		
comp=N,8300µm,1.1s				
T1218	AML	AML		
comp=E,5865µm,1.4s				
T1218	AML	AML		
comp=N,8140µm,1.1s				
T1218	AML	AML		
comp=E,6320µm,1.4s				
T1218	AML	AML		
comp=N,9405µm,1.4s				
T1218	AML	AML		
comp=E,5875µm,1.4s				
T1218	AML	AML		
comp=N,9405µm,1.4s				
T1218	AML	AML		
comp=N,9400µm,1.4s				
T1218	AML	AML		
comp=N,9410µm,1.4s				
T1218	AML	AML		
comp=N,9410µm,1.4s				
MMO1 Montemonaco	0.17 54	P	Pg	08 47 49.3 +0.1
MMO1	S	Sb	Sg	08 47 52.1 +0.4
T1215 Vallo di Nera,	0.20 271	P	Pg	08 47 50.1 +0.4
T1215	S	Sb	Sg	08 47 53.7 +1.2
T1215	AML	AML		
comp=N,3540µm,1.2s				
T1215	AML	AML		
comp=E,5895µm,0.5s				
T1215	AML	AML		
comp=N,3225µm,1.2s				
T1215	AML	AML		
comp=N,3220µm,1.3s				
T1215	AML	AML		
comp=E,5805µm,0.5s				
T1215	AML	AML		
comp=E,5900µm,0.5s				
LNSS Leonessa	0.21 201	↑P	Pg	08 47 50.6 +0.7
LNSS	AML	AML		
comp=N,8105µm,0.3s				
LNSS	AML	AML		
comp=E,7000µm,1.3s				
T1256 Bolognola (MC)	0.22 17	P	Pg	08 47 50.2 +0.1
T1256	AML	AML		
comp=E,4650µm,0.5s				
T1256	AML	AML		
comp=N,4125µm,0.8s				
T1256	AML	AML		
comp=E,4840µm,0.5s				
T1256	AML	AML		
comp=E,4645µm,0.5s				
T1256	AML	AML		
comp=N,4360µm,0.8s				
T1256	AML	AML		
comp=E,4835µm,0.5s				
T1256	AML	AML		
comp=N,4355µm,0.8s				
SMA1 SAN MARTINO	0.22 140	P	Pg	08 47 50.8 +0.6
SMA1	AML	AML		
comp=E,8985µm,0.4s				
SMA1	AML	AML		
comp=N,6055µm,0.5s				
FDMO Fiordimonte	0.24 351	↑P	Pg	08 47 50.5 0.0
FDMO	AML	AML		
comp=N,3600µm,1.2s				
FDMO	AML	AML		
comp=E,4755µm,0.5s				
FDMO	AML	AML		
comp=N,3595µm,1.2s				
T1243 Rocca Santa Ma	0.25 114	P	Pg	08 47 51.0 +0.4
T1243	S	Sb	Sg	08 47 55.2 +1.2
CESI Serrava	0.27 320	↑P	Pg	08 47 51.1 +0.1
CESI	S	Sb	Sg	08 47 55.8 -1.6
CESI	AML	AML		
comp=N,9470µm,0.3s				
CESI	AML	AML		
comp=E,6275µm,1.0s				
T1219 Muccia, Frazio	0.27 339	P	Pg	08 47 51.2 +0.1
T1219	S	Sb	Sg	08 47 55.9 -1.7
T1219	AML	AML		
comp=N,3740µm,0.4s				
T1219	AML	AML		
comp=N,3545µm,0.5s				
T1219	AML	AML		

Table with columns: APEC, Apecchio, 0.92 325, P, P, AML, 08 48 03.1, -0.3. Includes rows for APEC, FSSB, BADI, INTR, VVLD, PTRJ, PIGN, BDI, PZUN, OBKA, ABTA, KBA, WTTA, SQTA, WATA, CONA.

AEIC 17 09:30:34.7z 1.9, 51.33N, 0.10x: 177.01E: 0.07, h26km, 2km, Error ellipse: s-maj=14.6km s-min=6.2km az=190.0...

ISC-EH 17 09:30:36.3z 1.5144N, 177.16E: h35km, Error ellipse: s-maj=3.5km s-min=1.7km az=176.0...

IDC 17 09:30:36.6z 1.7, 51.56N, 177.23E: h35km, 12km, mb4.6/4.3, b1mp4.8/4.8, M4.5/5, MS4.2/8.5, Error ellipse: s-maj=14.2km s-min=9.1km az=171.0...

MOS 17 09:30:36.8z 1.0, 51.58N, 177.17E: h49km, mb5.3/5.8, MS4.1/7, Error ellipse: s-maj=8.0km s-min=4.8km az=108.1...

NEIC 17 09:30:38.1z 1.1, 51.53N, 0.10x: 177.17E: 0.07, h48km, 6km, mb5.0/29.0, M4.7(AEIC), Error ellipse: s-maj=14.0km s-min=6.0km az=190.0...

ISC 17 09:30:38.6z 0.4, 51.51N, 0.06x: 177.16E: 0.03, h53km, 2km, h53km, p-P, n80.3, r14/692, mb5.0/256, MS4.3/97, 64C-23D, Rat Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes rows for AMKA, SHEM, SHEM, SMY, SMY, KIWB, ADK, GSTR, NIKH, NIKH, SP1A, UNV, UNV, PET, PET, PEAOB, PEAOB, PETK, PETK, PETK, PETK, FALS, FALS, S12K, SKR, SKR, SKR, GAMB, GAMB, SDPT, SDPT, CHGN, CHGN, R16K, ANM, P16K, TNA, TNA, TNA, O16K, N16K, R17K, Q16K, O17K, CHIR, P17K, Q17K.

Table with columns: MA2, MA2, MA2, Q18K, BILL, BILL, BILL, P18K, P18K, SEY, SEY, SEY, SEY, O18K, O18K, SVW2, OHAK, O19K, O19K, O19K, O19K, TTA, TTA, TTA, P19K, KDAK, KDAK, KDAK, KDAK, L19K, L19K, M19K, ILSW, ILSW, GCSA, O20K, L20K, M20K, M20K, K20K, N20K, SPCR, CNPM, J20K, J20K, BRLK, BRSE, CAPN, SKT, SKT, PPLA, SUA, SUA, CAST, CAST, CAST, CHUM, O22K, O22K, SEW, SEW, SEW, M22K, M22K, RC01, RC01, CUT, IMAR, H21K, BPAW, BPAW, PMR, PMR, PMR, I21K, TRF, TRF, TRF, G21K, PWL, PWL, PWL, RC01, RC01, SML.

Table with columns: SML, MLY, MLY, F21K, H22K, WAT1, TYV, TYV, TYV, MCK, MCK, MCK, MCK, M23K, WAT6, SCM, SCM, NEA2, NEA2, G22K, I23K, F22K, DHY, DHY, H23K, H23K, WRH, G23K, CCB, M24K, KLU, KLU, DIV, TCOL, TCOL, COLA, COLA, COLA, COLA, E22K, COLD, COLD, HDA, HDA, POKR, H24K, IL31, ILAR, ILAR, ILAR, YSS, YSS, YSS, YSS, PAX, PAX, HARP, BMRM, K24K, N25K, N25K, E23K, A21K, A21K, D23K, G24K, RIDG, RIDG, J25K, GLB, TOLK, TOLK, F24K, E24K, VRDI, PRP, PRP, C23K, MCARA, G25K, SCRK, SCRK, L26K, D24K, M26K.

17d 9h

J26L	Joseph Creek	24.06	42	P	P	09 35 47.3	-1.2
MESA	MESA	24.18	53	P	P	09 35 49.9	+0.1
ASAJ	Asahikawa	24.19	266	P	P	09 35 49.2	-0.5
ASAJ	comp-Z,24nm,0.8s,baz=239,slow=33,SNR=12				LR	09 44 45.2	
C24K	Franklin Bluff	24.21	28	P	P	09 35 49.6	-0.1
F25K	Christian Rive	24.24	34	P	P	09 35 50.4	+0.4
M27K	Edge Creek, AK	24.40	48	Iamb	Iamb	09 35 54.1	
M27K	Edge Creek, AK	24.40	48	P	P	09 35 52.1	+0.3
E25K	Arctic Village	24.48	33	P	P	09 35 52.1	-0.1
L27K	Beaver Creek	24.53	46	P	P	09 35 53.5	+0.8
BMAR	Burnt Mountain	24.55	35	P	P	09 35 53.6	+0.7
K27K	Chicken	24.59	44	P	P	09 35 53.3	+0.1
D25K	Kavik River	24.73	30	P	P	09 35 54.4	-0.1
F26K	Sheenjek River	24.81	35	P	P	09 35 55.9	+0.7
BVCY	Beaver Creek	24.88	48	P	P	09 35 55.5	-0.5
ERM	Erimo	24.95	261	eP	pmax	09 35 56.5	-0.2
ERM	comp-Z,27nm,0.9s				pmax		
YUK3	Moose Creek	25.00	49	P	P	09 35 56.5	-0.8
P1NM	Pinnacle	25.02	53	P	P	09 35 57.7	+0.4
O28M	Mount Upton	25.07	52	P	P	09 35 58.7	+0.7
I27K	Kandik River	25.13	40	P	P	09 35 57.4	-0.8
EGAK	Eagle	25.13	42	P	P	09 35 57.6	-0.4
EGAK	Eagle	25.13	42	P	P	09 35 57.7	-0.4
YUK8	Steele Glacier	25.30	50	P	P	09 36 01.5	+1.4
H27K	Steamboat Mount	25.32	39	P	P	09 35 58.1	-1.8
GRNR	Gornyy	25.35	285	iP	pmax	09 36 00.6	+0.4
GRNR	comp-Z,10.0nm,0.8s				pmax		
GRNR	comp-E,200nm,15.0s				MLR		
GRNR	comp-N,240nm,14.0s				MLR		
G27K	Doyon Strip	25.43	37	P	P	09 36 00.6	-0.3
C26K	Camden Bay	25.46	30	P	P	09 36 02.0	+0.9
C27K	Jago River	25.71	31	P	P	09 36 03.3	-0.1
DAWY	Dawson	25.76	44	P	P	09 36 03.5	-0.4
YUK4	Talbot Arm	25.85	50	P	P	09 36 08.0	+3.1
O29M	Mount Kennedy	25.86	53	P	P	09 36 05.8	+0.9
E27K	Coleen River	25.88	34	P	P	09 36 05.5	+0.6
YUK6	Outpost Mounta	25.97	51	P	P	09 36 07.9	+1.9
M29M	Somme Creek	25.99	48	P	P	09 36 06.0	-0.1
L29M	L29M	26.20	46	P	P	09 36 07.6	-0.3
P29M	Windy Craggy	26.30	54	P	P	09 36 09.4	+0.6
J29M	Klondike Camp	26.32	43	P	P	09 36 09.0	-0.1
J29M	J29M	26.32	43	P	P	09 36 20.1	
J29M	Klondike Camp	26.32	43	P	P	09 36 08.9	-0.1
HYT	Haines Junctio	26.39	52	P	P	09 36 09.5	-0.3
HYT	comp-Z,56nm,0.7s				Iamb		
HYT	Haines Junctio	26.39	52	P	P	09 36 10.6	+0.8
I29M	Oglivie Camp	26.43	41	P	P	09 36 09.5	-0.4
K29M	Barlow Dome	26.55	45	P	P	09 36 11.0	-0.2
N30M	Aishikk Lake	26.60	50	P	P	09 36 14.8	+3.3
P30M	Million Dollar	26.67	53	P	P	09 36 14.1	+1.9
M30M	Minto, Yukon	26.78	48	P	P	09 36 15.7	+2.6
O30M	Mendenhall	27.08	52	P	P	09 36 17.9	+2.0
N31M	Braeburn, Yuko	27.23	50	Iamb	Iamb	09 36 44.2	
N31M	comp-Z,29nm,0.9s				P		
N31M	Braeburn, Yuko	27.23	50	P	P	09 36 20.1	+3.0
EPYK	Eagle Plains	27.25	39	Iamb	Iamb	09 36 18.3	
EPYK	comp-Z,45nm,0.9s				P		
EPYK	Eagle Plains	27.25	39	P	P	09 36 16.8	-0.5
MAYO	Mayo, Yukon	27.25	46	Iamb	Iamb	09 37 01.4	
YAK	Yakutsk	27.43	311	P	P	09 36 18.2	-0.7
YAK	comp-Z,64nm,0.8s,baz=129,slow=2.9,SNR=40				ScP		
YAK	comp-Z,4.4nm,0.4s,baz=105,slow=2.0,SNR=5.3				LR		
YAK	comp-Z,251nm,18.5s,baz=96,slow=36				LR		
YAK	Yakutsk	27.43	311	P	P	09 36 17.6	-1.3
YAK	Yakutsk	27.43	311	eP	P	09 36 17.5	-1.3
YAK	e'SS				pP	09 36 27.6	-3.7
YAK	e'SS				S	09 40 53.1	-2.1
YAK	pmax				pmax	09 41 18.5	+1.7
YAK	comp-Z,153nm,0.9s				pmax		
YAK	comp-N,8.0nm,0.9s				pmax		
YAK	comp-E,40nm,1.0s				pmax		
YAK	comp-E,47nm,1.4s				smax		
YAK	comp-N,86nm,2.3s				MLR		
YAK	comp-Z,411nm,14.0s				MLR		
SKAG	Skagway	27.53	55	P	P	09 36 19.7	0.0
G30M	taoh Zraii Nji	27.55	38	P	P	09 36 20.3	+0.3
SIT	Sitka	27.82	60	P	P	09 36 22.7	+0.4
M31M	Frary Creek, Y	27.89	49	P	P	09 36 26.8	+3.8
M31M	comp-Z,270,SNR=5.7				P		
F31M	Duro, Yukon	28.37	49	P	P	09 36 27.2	-0.1
F31M	comp-Z,271				P		
F31M	Tsighehtic	28.59	38	P	P	09 36 28.9	-0.2
KLR	Kul'dur	28.70	284	P	P	09 36 30.6	+0.2
KLR	comp-E,10nm,0.8s,baz=56,slow=8.4,SNR=36				LR		
KLR	comp-E,363nm,20.7s,baz=74,slow=36				LR		
P33M	Teslin, Yukon	28.73	53	P	P	09 36 30.7	+0.1
INK	Inuvik	28.82	36	P	P	09 36 31.1	0.0
INK	comp-E,18nm,1.1s,baz=240,slow=7.6,SNR=31				ScP		
INK	comp-E,4.7nm,1.2s,baz=305,slow=6.2,SNR=3.7				LR		
INK	comp-E,677nm,21.9s,baz=232,slow=36				LR		
INK	comp-E,68nm,1.1s				P		
INK	Inuvik	28.82	36	P	P	09 36 31.2	0.0
INK	comp-Z,40nm,1.4s				Iamb		
INK	Inuvik	28.82	36	P	P	09 36 31.3	+0.2

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TIXI	baz=259,SNR=18	29.29	331	PKIKP	PKIKP	09 47 13.3	-0.1
TIXI	comp-Z,0.3nm,0.7s,baz=270,slow=24,SNR=3.1				P		
R33M	Tiksi	29.29	331	eP	P	09 36 34.1	-1.2
R33M	Jennings River	29.75	54	P	P	09 36 49.4	+0.3
ZEA	Zeya	29.88	294	eP	P	09 36 40.0	-0.8
ZEA	comp-Z,20nm,1.2s				pmax		
ZEA	comp-Z,200nm,16.0s				MLR		
S34M	Telegraph Cree	29.90	57	P	P	09 36 39.8	-1.1
DLBC	Dease Lake	30.39	56	LR	LR	09 49 17.6	
DLBC	comp-Z,1.1um,19.4s,baz=280,slow=37				P		
DLBC	Dease Lake	30.39	56	P	P	09 36 45.0	-0.2
T35M	Bob Quinn	30.56	59	P	P	09 36 46.6	-0.1
WTLY	Watson Lake, Y	30.74	52	P	P	09 36 48.7	+0.4
WTLY	WTL-292				P		
USA0B	Ussuriysk Arra	30.77	274	eP	P	09 36 48.6	-0.1
USRK	Ussuriysk Ar	30.77	274	P	P	09 36 49.0	+0.4
USRK	comp-Z,4.7nm,0.6s,baz=54,slow=7.1,SNR=7.3				LR		
USRK	comp-Z,1.58nm,21.6s,baz=51,slow=34				LR		
HEH	Heihe	30.93	288	eP	P	09 36 50.6	+0.6
HEH	comp-Z,4.7nm,0.6s				pmax		
HEH	comp-Z,10.0nm,0.6s				pmax		
HEH	comp-Z,140nm,5.8s				LR		
HEH	comp-Z,370nm,15.8s				LR		
HEH	comp-Z,370nm,15.8s				LR		
HEH	comp-Z,410nm,12.6s				LR		
MJAR	Matsushiro Arr	31.33	257	P	P	09 36 53.7	0.0
MJAR	comp-Z,2.2nm,0.8s,baz=54,slow=7.3,SNR=6.0				LR		
MJAR	comp-Z,280nm,21.8s,baz=50,slow=32				LR		
MAJO	Matsushiro	31.33	257	eP	P	09 36 53.2	-0.5
MAJO	comp-Z,38nm,2.2s				pmax		
A36M	Sachs Harbour	32.21	30	P	P	09 37 01.7	+0.7
A36M	comp-Z,30nm,1.2s				P		
C36M	Paulatuk	32.35	35	Iamb	Iamb	09 37 03.5	
C36M	Paulatuk	32.35	35	P	P	09 37 02.1	-0.2
H11N2	WAKE ISLAND Hy	32.72	198	T	T	10 12 02.7	
H11N2	WAKE ISLAND Hy	32.72	198	T	T	10 12 02.1	
H11N3	WAKE ISLAND Hy	32.73	198	T	T	10 12 02.1	
H11N1	WAKE ISLAND Hy	32.74	198	T	T	10 12 04.1	
H11N1	WAKE ISLAND Hy	32.74	198	T	T	10 12 04.1	
WRGLV	Wrigley	32.84	46	P	P	09 37 07.3	+0.7
WRGLV	comp-Z,110nm,0.7s				pmax		
BNX	BinXian	32.86	280	iP	P	09 37 06.8	-0.2
BNX	comp-Z,120nm,0.4s				pmax		
BNX	comp-Z,10.0nm,4.3s				pmax		
KOTAN	Kotaneelie Air	33.08	52	P	P	09 37 09.3	+0.5
KOTAN	comp-Z,282,SNR=7.4				P		
H11S1	WAKE ISLAND Hy	33.95	198	T	T	10 14 04.2	
H11S3	WAKE ISLAND Hy	33.97	198	T	T	10 13 48.8	
H11S2	WAKE ISLAND Hy	33.97	198	T	T	10 13 56.8	
CHANG	Changchun	35.03	278	P	S	09 37 31.3	+5.4
CHANG	comp-Z,10.0nm,0.6s				pmax		
CHANG	comp-Z,300nm,14.0s				LR		
CHANG	comp-Z,300nm,14.0s				LR		
CHANG	comp-Z,300nm,16.0s				LR		
JCJ	Chichijima	35.88	241	LR	LR	09 48 43.9	
JCJ	comp-Z,210nm,21.9s,baz=28,slow=32				P		
YKA	Yellowknife Ar	36.97	46	P	P	09 37 42.2	+0.1
YKA	comp-Z,8.9nm,0.9s,baz=284,slow=8.3,SNR=43				ScP		
YKA	comp-Z,2.3nm,1.0s,baz=290,slow=3.4,SNR=9.7				P		
WAPA	Wapiti River	36.97	59	Iamb	Iamb	09 37 54.5	
WAPA	comp-Z,26nm,0.9s				P		
KSR5	Korea Array	37.11	267	P	P	09 37 43.7	0.0
KSR5	comp-Z,3.5nm,0.7s,baz=53,slow=8.1,SNR=12				LR		
KSR5	comp-Z,106nm,21.8s,baz=60,slow=34				LR		
JNU	Nakatsue	38.09	259	LR	LR	09 52 37.0	
J							

17d 9h

Table with columns: IUG CHM, Iuzhny, Chimkent, etc. Includes various codes and numerical values.

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Table with columns: CLL Collm, CLL Collm, CLL Collm, etc. Includes various codes and numerical values.

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Table with columns: CFR Carcaliu, CFR Carcaliu, BFO Black Forest, etc. Includes various codes and numerical values.

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

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

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

IDC 17 09:39:18.9, 1.4, 41.90Sx173.69E, h0km, mb3.8/3, mbtm3.8/5, ML3.72, Error ellipse: s-maj=35.7km

WEL 17 09:39:22.0, 3.0, 3.3, 17.3E, h5km, MA, 0.34, s-min=0.0km az=149.1, confirmed

NOU 17 09:39:23.4, 42.01S, 173.56E, h17km, MLv4.3/15, South Island, New Zealand

ISC 17 09:39:21.6-0.7, 42.01S, 173.57E, h10km, n143, a=176/146, South Island

ASAR Alice Springs 37.61 28E P P 09 46 36.0 -0.6

WRA Warramunga Arr 39.72 29N P P 09 46 53.4 -0.9

BRTR Keskin Array B 145.03 318 PKPbc PKPdf 09 59 10.1 +3.2

TORD Torndirra A Bea 150.39 196 PKPbc PKPbc 09 59 13.2 -0.4

FINES FINESS Array B 152.47 326 PKPbc PKPdf 09 59 14.2 +4.2

IDC 17 09:59:52.7, 1.2, 52.13N, 75.67E, h0km, mb3.5/3, mbtm3.5/4, ML3.1/1, Error ellipse: s-maj=90.8km

s-min=21.2km az=122.0, South of Mariana Islands

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

IDC 17 09:40:57.5, 3.1, 11.00S, 161.55E, h0km, mb3.6/5, mbtm3.6/5, MS3.6/3, Error ellipse: s-maj=114.4km

s-min=34.1km az=131.0, Bougainville-Solomon Islands region

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

IDC 17 10:14:34.4, 1.2, 52.13N, 75.67E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=22.9km s-min=6.4km az=26.0

Suspected Mining explosion

IDC 17 10:14:39.9, 6.3, 51.59N, 75.87E, h0km, mbtm2.7/2, ML2.1/2, Error ellipse: s-maj=80.8km s-min=36.4km az=81.0

ISC 17 10:14:38.9, 1.4, 51.71N, 75.73E, h0km, n9, a=87/87, 7C-3D, Eastern Kazakhstan

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

IDC 17 09:55:48.4, 1.4, 16.27S, 175.88W, h354km, 20km, mb3.8/5, mbtm4.5/6, Error ellipse: s-maj=26.4km s-min=19.9km az=125.0

NEIC 17 09:55:50.0, 0.9, 16.0S, 176.03W, 0.09, h356km, 16km, mb4.2/21, Error ellipse: s-maj=24.2km s-min=11.5km az=164.0

ISC 17 09:55:49.4, 0.6, 16.0S, 175.99W, 0.09, h360km, n34, a=594/33, mb4.2/16, Tonga Islands

ISC 17 10:19:06.7, 0.1, 42.71N, 79.55E, h14km, mb2.8, NNC 17 10:19:06.2, 0.9, 42.72N, 79.56E, h0km, mb3.0, mpv2.9, Error ellipse: s-maj=5.7km s-min=3.0km az=137.0

SOME 17 10:19:06.7, 42.72N, 79.55E, h10km, ISC 17 10:19:06.0, 1.5, 42.68N, 79.56E, 0.05, h17km, 9km, n37, a=76/69, 12C, Lake Issyk-Kul region

17d 10h

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

2016 DEC

Table with columns: ARG, AML, AML, and other parameters. Includes stations like ARG, TURUN, DAT, etc.

1184

Table with columns: HRKL, GOMA, ISP, etc. Includes stations like Herakleio, GOMarmara-Man, etc.

ISK 17 10:27:56.3, 36°17'N, 28°02'E, h63km, 1km, ML3.9/48
THE 17 10:27:58.5, 36°20'N, 28°04'E, h48km, 3km, ML3.4/4, Error
ellip: s-maj=3.0km s-min=1.5km az=131.0

IDC 17 10:39:33.9, 0.9, 40°17'N, 19°96'E, h0km, mb3.9/15,
mbmp3.8/24, ML3.5/9, MS3.2/6, Error ellipse:
s-maj=15.6km s-min=11.7km az=34.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SRN, KASA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WRKA Warakuma, HTT Hallett, PTSP Ampama, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TAU Tasmania Unive, KKM Kota Kinabalu, HIZ Haulti, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TBJI Tambak Boyo, PWJI Pagerwojo, TMWZ Te Maipa, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like HLP Hilina Pali, KKO Keanakako, PUAH Pauahi, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like PET comp=E,17um,14.5s, PET comp=N,11um,12.6s, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like HIA Hailar, HIA Hailar, HIA Hailar, etc.

17d 10h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SEY, AKUT, GOMU, SPIA, CASY, DHUB, LSA, YAK, CAL, FALS, ZAK, IRK, S12K, SDPT, ODAN, BOK, MOY, RAMN, JIRN, CHGN, CHGN, VIS, RAGD, PKI, PKIN, JHSG, GAMB, GAMB, BILL, BILL, BILL, BILL, KKN, KKN, KKN, VANDA, VANDA, DMN, CHIR, CHIR, R16K, PALK, PALK, PALK, PALK, PALK.

2016 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SBA, SBA, R17K, P16K, VLK, VLK, SII, SII, SII, VAR, VAR, O16K, Q16K, KOLN, KOLN, KOLN, DANN, Q17K, N16K, MDRS, MDRS, P17K, VJD, VJD, O17K, OHAK, OHAK, PYUN, Q18K, ANN, ANN, ANN, ANN, TNA, TNA, TNA, P18K, P18K, KDAK, KDAK, KDAK, KDAK, KDAK, KDAK, KDAK, KDAK, O18K, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ, AIS, AIS, AIS, Q20K, Q20K, P19K, P19K, SALM, SALM, N19K, N19K, ILSW, ILSW, O20K, O20K, HYB, HYB, HYB, HYB, HYB, HYB, KOD, KOD, KOD, HOM, HOM, L19K, L19K, L19K, M19K, M19K, TTA, TTA, TTA, TRD, TRD, BRLE, BRLE, BRSE, BRSE, LGTI, LGTI, LGTI, N20K, N20K, SPCR, SPCR, TIXI, TIXI, TIXI, M20K, M20K, L20K, L20K, CAPN, CAPN, GCSA, GCSA, PCHI, PCHI, PCHI, K20K, K20K, K20K.

1190

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like K20K, DGZ, DGZ, SEW, SEW, O22K, JHNI, JHNI, SKT, SKT, SUA, SUA, SUA, RC01, RC01, PPLA, PPLA, J20K, J20K, M22K, M22K, AKL, AKL, BHP, BHP, BHP, BHP, CAST, CAST, P23K, P23K, PWL, PWL, CUT, CUT, CUT, PMR, PMR, CHUM, CHUM, Q23K, Q23K, GHO, GHO, KNK, KNK, KNK, SML, SML, SML, HIN, HIN, HIN, TRF, TRF, TRF, DDI, DDI, DDI, BPAW, BPAW, M23K, M23K, IMAR, IMAR, MNGI, MNGI, MNGI, MNGI, SCM, SCM, SCM, H21K, H21K, H21K, I21K, I21K, I21K, WAT1, WAT1, EYAK, EYAK, EYAK, NDI, NDI, NDI, NDI, SONA, SONA, RND, RND, WAT6, WAT6, G21K, G21K, DIV, DIV, MCK, MCK, MCK, MCK, KAIM, KAIM, MLY, MLY, H08S2, H08S2, H08S3, H08S3, H08S1, H08S1, KLU, KLU, KLU, DGAR, DGAR, DGAR, KAAM, KAAM, KAAM, MK31, MK31, MKAR, MKAR, MKAR, MKAR, DHY, DHY, DHY, M24K, M24K.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Status, Date, Time, and other technical details. Includes stations like H22K, KUDL, F21K, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Status, Date, Time, and other technical details. Includes stations like SATY, ZHN, ZHN, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Status, Date, Time, and other technical details. Includes stations like CRAG, CRAG, BESE, etc.

17d 10h

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like OTUK Ortay, BRZS Berezinski, KHMM Horse Mountain, etc.

2016 DEC

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like B08A Colville Reser, E08A Dider Farm, NV11 Milroy Sit, etc.

1192

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like KNB Kanab, AB31 Akbul array, ABKAR Akbulak array, etc.

17d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like JWFS Jewell Farm, VSU Vasula, and many others.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like WVT Waverly, WVR Waverly, and many others.

1194

Table with columns for station name, frequency, power, and other technical details. Includes stations like W50A Signal Mountai, 250A Grady, and many others.

17d 11h

Table with columns for station name, frequency, and various status codes. Includes stations like DRME Dracevica, SOKA Soboth, and many others.

2016 DEC

Table with columns for station name, frequency, and various status codes. Includes stations like TIP Timpagrande, PIAF Ana Tenorio, and many others.

1196

Table with columns for station name, frequency, and various status codes. Includes stations like PFV Vila Bisbo, CBE Ff, Capeste, and many others.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KNRA Kununurra, FITZ Fitzroy Crossi, OUZ Omahuta, etc.

NEIC 17 11:09:29.0, 6.3, 8S:0.1x154.3E:0.1, h98km, 11km, mb5.2/0, Error ellipse: s-maj=21.4km s-min=13.9km

IDC 17 11:09:36.9, 7.1, 4.45S:153.81E, h113km, 51km, mb3.9/2, mbmp4.2/2, Error ellipse: s-maj=7.1km s-min=49.0km

ISC 17 11:09:29.1, 1.0, 3.95S:0.2, 154.2E:0.1, h100km, n20, c1919/22, mb5.3/7, North of Solomon Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

NEIC 17 11:11:25.6, 0.8, 5.87S:0.07x154.3E:0.1, h47km, 9km, mb4.9/14, Error ellipse: s-maj=16.8km s-min=5.0km

ISC-EH 17 11:11:27.4, 5.99S:154.25E, h65km, 10km, Error ellipse: s-maj=9.1km s-min=4.5km az=59.0

IDC 17 11:11:28.4, 2.6, 6.03S:154.15E, h70km, 22km, mb4.0/12, mbmp4.4/16, Error ellipse: s-maj=23.9km s-min=12.0km

ISC 17 11:11:25.0, 0.5, 5.95S:0.06, 154.28E:0.07, h35km, n59, c1933/62, mb4.5/18, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RUGZ Raukumara Rang, MXZ Matakoao Point, PKGZ Pakihoro, etc.

NEIC 17 11:15:04.7, 1.5, 5.6S:0.1x154.2E:0.1, h28km, 7km, mb4.1/7, Error ellipse: s-maj=18.8km s-min=13.2km

IDC 17 11:15:06.1, 8.6, 5.33S:154.11E, h54km, 62km, mb3.7/3, mbmp4.0/4, ML3.9/1, Error ellipse: s-maj=67.3km s-min=32.3km az=86.0

ISC 17 11:15:09.6, 1.2, 5.46S:0.09x153.9E:0.1, h74km, n20, c1942/11, mb3.8/8, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

BUC 17 11:16:06.0, 0.3, 4.57S:149N:26.39E, h120km, 2km, ml3.9/37, Error ellipse: s-maj=1.8km s-min=1.4km az=170.0

SOF 17 11:16:06.3, 4.7N:26.35E, h100km, MD3.4

ISC 17 11:16:05.1, 1.3, 4.55S:10.03x26.38E:0.03, h129km, 7km, n64, c0663/101, 63C-30D, Romania

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NEHR Nehou, BISRR Bisoca, MLR Muntele Rosu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AMRR Amara, SCTR Scanteiesti, BIR Birlad, etc.

IDC 17 11:16:59.1, 0.9, 6.22S:154.49E, h0km, mb4.4/9, mbmp4.5/12, ML4.3/2, Error ellipse: s-maj=25.3km s-min=19.7km az=111.0

NEIC 17 11:17:05.1, 1.2, 5.55S:0.2x154.3E:0.1, h90km, 26km, mb3.9/7, Error ellipse: s-maj=31.6km s-min=17.7km az=138.0

ISC 17 11:17:07.4, 1.1, 5.54S:0.09x154.2E:0.1, h18km, n28, c2371/23, mb4.2/12, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

BUI 17 11:22:38.1, 0.0, 4.62S:153.50E, h101km, mb5.3/27, mb5.1/1

IDC 17 11:22:38.5, 1.1, 4.47S:153.55E, h86km, 8km, mb5.0/38, mbmp5.3/40, Error ellipse: s-maj=9.2km s-min=7.7km

TJN	Taejon	47.39 331	P	P	11 31 05.5 +1.2
TJN	Taejon	47.39 331f	eP	P	11 31 04.3 0.0
DLV	T Lat	47.67 290	P	P	11 31 08.0 +1.0
KSR5	Korea Army	47.99 332	P	P	11 31 09.6 +0.7
KSR5	Korea Army	47.99 332	PcP	P	11 32 35.9 0.0
KS19	Wonju Array S1	48.06 332	P	I	11 31 10.2 +0.7
KS19	Wonju Array S1	48.06 332	I	I	11 31 58.3
INCN	Inchon	48.62 331	P	P	11 31 15.3 +1.5
INCN	Inchon	48.62 331	P	P	11 31 15.1 +1.3
NJ2	Nanjing	49.02 320	eP	P	11 31 19.0 +2.1
NJ2	Nanjing	49.02 320	P	P	11 31 19.0 +2.1
DSRI	Dabo	49.08 273	P	P	11 31 17.8 +0.1
MDSI	Maura Dua	49.22 268	P	P	11 31 16.9 -1.9
MCQ	Macquarie Isla	50.14 176	P	P	11 31 26.0 +1.0
MCQ	Macquarie Isla	50.14 176	P	P	11 31 26.0 +1.0
MCQ	Macquarie Isla	50.14 176	P	P	11 31 26.1 +1.0
MCQ	Macquarie Isla	50.14 176	P	P	11 31 26.0 +1.0
WHN	Wuhan	51.10 316	P	P	11 31 33.1 +0.4
USRK	Ussuriysk Ar.	52.12 340	P	P	11 31 41.3 +1.3
SDSI	Sungai Dareh	52.18 272	P	P	11 31 39.7 -1.3
BKNI	Bangkalan	52.68 274	P	P	11 31 45.5 +0.8
BKNI	Bangkalan	52.68 274	P	P	11 31 46.2 +1.5
PDSI	Padang	53.14 272	P	P	11 31 42.5 -5.7
IPM	Ipo	53.22 279	P	P	11 31 48.2 -0.5
MDJ	Mudanjiang	53.32 339	P	I	11 31 49.0 +0.1
MDJ	Mudanjiang	53.32 339	I	I	11 31 42.7
MDJ	Mudanjiang	53.32 339	P	P	11 31 43.6 -5.3
KULM	Kulim	53.71 280	P	I	11 31 52.0 -0.3
KULM	Kulim	53.71 280	I	I	11 31 52.8
MNSI	Mandailing Nat	54.18 274	P	P	11 31 54.2 -1.5
GYA	Guiyang	54.76 307	eP	P	11 31 59.3 -0.6
GYA	Guiyang	54.76 307	P	P	11 31 59.3 -0.6
NAYO	Nakonayok	55.03 291	P	P	11 32 03.1 +1.3
SRIT	Nakonsitamara	55.33 284	P	P	11 32 04.2 +0.2
SURA	Surathani	55.42 284	P	P	11 32 04.9 +0.3
TSI	Tuntungan	55.51 277	P	P	11 32 04.0 -1.3
GSI	Gunungsitoli	56.22 274	P	P	11 32 10.7 +0.2
KLR	Kul'dur	56.68 343	P	P	11 32 14.1 +1.0
KLR	Kul'dur	56.68 343j	eP	P	11 32 14.0 +1.0
KLR	Kul'dur	56.68 343j	P	P	11 32 14.0 +1.0
PPT	Papeete	57.15 108	P	P	11 32 18.3 +1.5
PPT	Papeete	57.15 108	P	P	11 32 18.3 +1.5
PETK	Petrovsk	57.40 3	P	P	11 32 18.6 +0.6
MLSI	Meulah, Aceh	57.74 278	P	P	11 32 20.0 -1.2
CMAR	Chiang Mai Arr	58.20 295	P	P	11 32 27.0 +1.3
XLT	XiLinHaoTe	58.71 329	eP	P	11 32 27.5 0.0
XLT	XiLinHaoTe	58.71 329	P	P	11 32 50.6 -0.5
XLT	XiLinHaoTe	58.71 329	P	P	11 33 03.9 +7.6
PZH	PanZhiHua	58.77 305	P	P	11 32 29.0 +0.7
PZH	PanZhiHua	58.77 305	P	P	11 32 29.0 +0.7
HHC	Hu-ho-hao-te	59.17 324	eP	P	11 32 33.8 +3.0
TNCH	TengChong	60.91 302	P	P	11 32 43.9 +0.9
DRV	Dumont d'Urville	62.87 186	P	P	11 32 55.0 -0.2
MA2	Magadan	63.82 358j	eP	P	11 33 22.0 -1.4
MA2	Magadan	63.82 358j	P	P	11 33 02.0 +0.5
MA2	Magadan	63.82 358	P	P	11 33 02.5 +1.0
MA2	Magadan	63.82 358	P	P	11 33 26.6 -4.8
MA2	Magadan	63.82 358	P	P	11 33 37.1 +0.9
TAOE	Nuku Hiva Isla	65.93 98	P	P	11 33 20.0 +3.7
TAOE	Nuku Hiva Isla	65.93 98	P	P	11 33 44.4 -0.5
ULN	Ulanbaatar	66.06 328	P	P	11 33 17.9 +1.3
SOMM	Songino Array	66.40 327	P	P	11 33 19.7 +1.0
SOMM	Songino Array	66.40 327	P	P	11 33 20.0 +1.3
SHL	Shillong	66.76 300	P	P	11 33 22.0 +0.5
SHL	Shillong	66.76 300	P	P	11 33 22.0 +0.5
SHL	Shillong	66.76 300	P	P	11 33 22.0 +0.5
SEY	Seymchan	67.16 359	P	P	11 33 24.2 +1.2
SEY	Seymchan	67.16 359	P	P	11 33 24.2 +1.2
SEY	Seymchan	67.16 359f	eP	P	11 33 23.9 +0.9
CASY	Casey	68.61 197	P	P	11 33 31.9 -0.2
CASY	Casey	68.61 197	I	I	11 34 00.0
CASY	Casey	68.61 197	P	P	11 33 30.8 -1.3
CASY	Casey	68.61 197	P	P	11 33 34.7 +1.1
LSA	Lhasa	68.64 304	P	I	11 33 35.9
LSA	Lhasa	68.64 304	P	P	11 33 34.7 +1.1
LSA	Lhasa	68.64 304	P	P	11 33 35.1 +1.4
YAK	Yakutsk	68.74 348f	eP	P	11 33 32.1 -0.8
YAK	Yakutsk	68.74 348f	P	P	11 33 38.7 +0.3
ZAK	Zakamensk	69.55 328	eP	P	11 33 52.1 0.0
ZAK	Zakamensk	69.55 328	P	P	11 33 52.1 0.0
RAMN	Ramite	71.70 300	eP	P	11 33 55.6 +0.2
JIRN	Jiri	72.23 301	eP	P	11 33 57.7 +0.3
JIRN	Jiri	72.23 301	P	P	11 33 57.3 -2.4
GUN	Gumba	72.56 301	eP	P	11 33 57.7 +0.3
BILL	Bilibino	72.83 5	i	P	11 34 15.2
BILL	Bilibino	72.83 5	P	P	11 33 58.9 -0.3
PKI	Pulchoki	72.88 300	eP	P	11 33 58.9 -0.3
PKIN	Pulchoki	72.88 300	eP	P	11 33 58.9 -0.3
KNIN	Kakani	73.05 301	eP	P	11 34 00.6 -0.2
DMN	Daman	73.15 300	eP	P	11 34 00.6 -0.2
VNDA	Vanda	73.20 178	P	P	11 33 59.6 -0.1
VNDA	Vanda	73.20 178	P	P	11 33 59.6 -0.1
VNDA	Vanda	73.20 178	I	I	11 34 01.3
VNDA	Vanda	73.20 178	P	P	11 34 00.1 +0.3
PALK	Pallekele	73.62 279j	i	P	11 34 03.6 +0.1
PALK	Pallekele	73.62 279j	P	P	11 34 03.6 +0.1
SBA	Scott Base	73.73 177	P	P	11 34 04.2 +1.3
SBA	Scott Base	73.73 177	P	P	11 34 04.2 +1.3
SBA	Scott Base	73.73 177	P	P	11 34 04.2 +1.3
R17K	Ugashik Creek	73.74 25	P	P	11 34 04.0 +0.8
Q17K	Contact Creek	74.33 25	P	P	11 34 07.0 +0.3

DANN	Danging	74.49 301	eP	P	11 34 08.2 -0.4
KOLN	Koldanda	74.49 300	eP	P	11 34 07.3 -1.2
KOLN	Koldanda	74.49 300	eP	P	11 34 08.1 -0.4
KOLN	Koldanda	74.49 300	eP	P	11 34 08.5 0.0
N16K	Nishik Lake	74.55 22	P	P	11 34 07.7 -0.3
O17K	Koliganek Bris	74.76 23	P	P	11 34 10.6 +1.5
Q18K	Katmai Hardscr	74.93 25	P	P	11 34 10.8 +0.6
PYUN	Pyun	75.09 300	eP	P	11 34 11.4 -0.6
ANM	Nome	75.17 17	P	P	11 34 12.7 +1.3
P18K	Big Mountain	75.28 24	P	P	11 34 13.2 +1.0
KDAK	Kodiak Island	75.48 27f	eP	P	11 34 10.5 -2.8
KDAK	Kodiak Island	75.48 27f	P	P	11 34 10.5 -2.8
WMQ	Urumqi	75.97 317	eP	P	11 34 17.5 +1.0
WMQ	Urumqi	75.97 317	P	P	11 34 32.4 +3.9
WMQ	Urumqi	75.97 317	P	P	11 34 41.3 -0.3
O19K	Port Aisworth	76.13 24	P	P	11 34 17.7 +0.8
P19K	Oil Pt	76.26 25	P	P	11 34 19.1 +1.4
N19K	Bonanza Creek	76.42 23	P	P	11 34 20.0 +1.3
CNMP	China Pook	77.03 25	P	P	11 34 23.8 +1.7
HYBB	Hyderabad (bro	77.08 289	eP	P	11 34 22.9 -0.4
HYBB	Hyderabad (bro	77.08 289	eP	P	11 34 34.0 +0.2
HYBB	Hyderabad (bro	77.08 289	eP	P	11 34 54.9 +2.3
HYBB	Hyderabad (bro	77.08 289	eP	P	11 34 06.7 +0.6
L19K	White Mountain	77.10 22	P	P	11 34 24.6 +2.2
M19K	Big River Lodg	77.13 23	P	P	11 34 23.4 +0.9
TTA	Tatalina	77.13 21	P	P	11 34 23.8 +1.2
BRSE	Bradley Lake S	77.36 25	P	P	11 34 25.2 +1.3
N20K	Mount Spurr	77.56 24	P	P	11 34 25.3 +0.2
SPCR	Spurr Chakacha	77.56 24	P	P	11 34 25.9 +0.8
M20K	Styx River	77.58 23	P	I	11 34 26.4 +1.3
M20K	Styx River	77.58 23	I	I	11 34 49.1
M20K	Styx River	77.58 23	P	P	11 34 27.0 +1.8
L20K	Farewell, AK	77.64 22	P	P	11 34 27.3 +1.9
CAPN	Captain Cook N	77.75 24	P	P	11 34 28.3 +2.3
GCSA	Galena City Sc	77.96 20	P	P	11 34 29.1 +2.0
K20K	Telida	78.09 21	P	P	11 34 29.8 +1.9
SEW	Seward	78.11 25	P	P	11 34 29.7 +1.7
O22K	Cooper Landing	78.19 25	P	P	11 34 28.9 +0.5
DGZ	Jazzator, Alta	78.23 323f	eP	P	11 34 28.7 -0.4
DGZ	Jazzator, Alta	78.23 323f	P	P	11 34 28.7 -0.4
SUA	Susitna One	78.29 24	P	P	11 34 29.3 +0.2
RC01	Rabbit Creek A	78.50 24	P	P	11 34 31.4 +1.3
J20K	Nowinta River	78.55 21	P	P	11 34 31.1 +0.8
J20K	Nowinta River	78.55 21	P	P	11 34 32.5 +2.1
CAST	Castle Rocks	78.86 22	P	P	11 34 32.4 +0.3
CAST	Castle Rocks	78.86 22	P	P	11 34 32.6 +0.5
PWL	Port Wells	78.97 25	P	P	11 34 32.2 -0.5
PMR	Palmer	79.02 24	P	P	11 34 33.3 +0.3
CHUM	Lake Minchumin	79.03 21	P	P	11 34 34.6 +1.5
ZSN	Zaisan	79.05 320	eP	P	11 34 33.9 +0.4
ZSN	Zaisan	79.05 320	eP	P	11 34 33.8 +0.3
KNK	Knik Glacier	79.20 25	P	P	11 34 35.0 +1.0
SML	Samuil	79.45 24	P	P	11 34 36.2 +0.8
TRF	Thorofare Moun	79.55 22	P	P	11 34 37.1 +1.1
BPAW	Bear Paw Mtn.	79.64 22	P	P	11 34 36.9 +0.5
M23K	Glacier View	79.69 24	P	P	11 34 37.7 +1.0
IMAR	Indian Mountai	79.76 19	P	P	11 34 37.8 +0.9
SCM	Sheep Creek Mo	79.88 24	P	P	11 34 39.5 +1.7
H21K	Melozitna Riv	79.88 20	P	P	11 34 39.3 +1.7
I21K	Tanana	79.89 20	P	P	11 34 39.2 +1.5
WAT6	Susitna Watana	80.08 24	P	P	11 34 39.8 +0.8
G21K	Allakaket	80.16 19	P	P	11 34 40.6 +1.5
MCK	McKinley	80.21 22	P	P	11 34 39.7 +0.2
MLY	Manley	80.24 21	P	P	11 34 40.7 +1.0
KLU	Klutina	80.30 25	P	P	11 34 41.7 +1.7
DHY	Denali Highway	80.48 23	P	P	11 34 42.1 +1.0
M24K	Tolsona, Glenn	80.49 24	P	P	11 34 42.7 +1.7
H22K	Ishlitalna Cre	80.50 20	P	P	11 34 42.2 +1.3
MK31	Makanchi Array	80.53 319	P	P	11 34 42.3 +0.8
MK31	Makanchi Array	80.53 319	P	P	11 34 42.1 +0.5
MKAR	Makanchi Array	80.53 319	P	P	11 34 41.7 +0.1
MKAR	Makanchi Array	80.53 319	P	P	11 34 42.3 +0.8
MKAR	Makanchi Array	80.53 319	P	P	11 34 41.7 +0.1
MKAR	Makanchi Array	80.53 319	P	P	11 34 42.0 +0.9
F21K	Alatina River	80.58 18	P	P	11 34 41.9 +0.5
NEA2	Nenana	80.61 22	P	P	11 34 41.4 -0.1
BMRM	Bremner River	80.62 26	P	P	11 34 42.6 +0.9
MAK2	Makanchi	80.74 319	P	I	11 34 43.5 +0.8
MAK2	Makanchi	80.74 319	I	I	11 34 44.1
MAK2	Makanchi	80.74 319	P	P	11 34 43.5 +0.8
N25K	Chitina, Valde	80.91 25	P	P	11 34 44.8 +1.4
G22K	Bettles	81.04 19	P	P	11 34 44.7 +0.9
HARP	HAARP	81.05 24	P	P	11 34 45.1 +1.1
H23K	Yukon River	81.10 20	P	P	11 34 45.6 +1.4
F22K	John River	81.16 18	P	P	11 34 46.5 +2.1
PAX	Paxson	81.19 24	P	P	11 34 45.8 +1.1
TCOL	CIGO, UAF Yank	81.20 22	P	P	11 34 45.1 +0.5
COLA	College	81.20 22f	eP	P	11 34 44.7 0.0
COLA	College	81.20 22f	P	P	11 34 44.7 0.0
ZAAO	Zalesovo Array	81.25 326	P	P	11 34 44.8 -0.4
ZALV	Zalesovo Beam	81.25 326	P	P	11 34 44.2 -0.9
ZALV	Zalesovo Beam	81.25 326	P	P	11 34 44.5 -0.6
MNCI	Minicoy	81.26 279	P	P	11 34 46.6 +0.6
HDA	Harding Lake	81.31 22	P	P	11 34 45.7 +0.4

17d 11h

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like K29M Barlow Dome, CHMS Chumysh, UCH Uchter, etc.

2016 DEC

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like NACGM Naroch, AKASG Malin Array B, AKASG Malin Array A, etc.

1200

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BDFB Brasilia, TORO Torodi Ar. Bea, KIRD Kirova, etc.

ISC-EH 17 11:25:01.5, 5.95Sx154.43E, h53km, 3km, Error ellipse: s-maj=9.0km s-min=4.7km az=66.0, NEIC 17 11:25:03.6, 14.6 05:01.1, 133E-0.07, h66km, 8km, mb5.0/18, Error ellipse: s-maj=16.1km s-min=9.2km az=165.0, IDC 17 11:25:04.2, 1.5, 5.93S: 154.36E, h76km, 14km, mb4.3/19, mbmp4.7/21, Error ellipse: s-maj=17.1km s-min=9.8km az=45.0, ISC 17 11:25:02.0, 6.4, 5.96S: 0.05:154.33E, 0.06, h61km, n58, c133/66, mb4.7/26, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like RABL Rabaul, KRVT Keravat, KRVT Keravat, etc.

17d 11h

Table with columns for station code, name, frequency, and signal strength. Includes stations like JAGI, MEEK, MEK, THZ, etc.

2016 DEC

Table with columns for station code, name, frequency, and signal strength. Includes stations like TATO, MAJO, JHU, etc.

1202

Table with columns for station code, name, frequency, and signal strength. Includes stations like BKNI, YSS, USA0B, etc.

17d 11h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KAAM, WAT6, G21K, MCK, KLU, MLY, HMDM, M24K, etc.

2016 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KPKS, KPKS, CPK, SATY, SATY, ZHN, etc.

1204

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TKM2, O30N, NIL, NIL, G27K, T33K, M30M, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KKAR Kararay Array, KUG Karatay Array, IUG luzhnyay, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HATD Hatta, Dubai, SHME Shamm, SHMS Shamm, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CRVS Cervenica-Dubn, CRVS Cervenica-Dubn, CRVS Cervenica-Dubn, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

NEIC 17 11:47:58.3±1.7, 6.29S:0.10x154.3E±0.1, h72km, 7km, mb4.4/16, Error ellipse: s-maj=18.4km s-min=13.7km az=106.0

IDC 17 11:48:01.4±1.7, 6.46S:154.35E, h115km, 15km, mb3.9/19, mbmp4.3/22, Error ellipse: s-maj=18.1km s-min=10.7km az=72.0

IDC 17 11:47:54.7±0.5, 6.35S:0.07x154.5E±0.1, h48km, n45, c1526/43, mb3.4/25, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for MKAR Makanchi Array, IL31, IL31, etc.

IDC 17 11:49:47.1±4.2, 6.11S:151.80E, h51km, 28km, mb3.4/6, mbmp3.7/6, Error ellipse: s-maj=76.1km s-min=19.2km az=112.0

IDC 17 11:49:44.1±1.8, 6.3S:0.11x152.0E±0.4, h35km, n8, c1926/9, mb3.7/6, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for KRVT Keravat, WRA Warrungarra Arr, ASAR Alice Springs, etc.

IDC 17 11:50:07.2±1.2, 6.49S:154.40E, h0km, mb4.0/8, mbmp4.0/8, Error ellipse: s-maj=47.5km s-min=25.2km az=121.0

IDC 17 11:50:14.2±1.2, 6.55S:0.21x154.4E±0.3, h48km, n9, c1502/11, mb3.9/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WRA Warrungarra Arr, ASAR Alice Springs, ASAR, etc.

NEIC 17 11:54:07.8±2.5, 5.73S:0.09x154.22E±0.08, h70km, 8km, mb4.5/10, Error ellipse: s-maj=13.6km s-min=12.0km az=185.0

IDC 17 11:54:11.7±5.5, 4.78S:154.12E, h70km, 42km, mb3.6/8, mbmp3.9/9, ML3.6/1, Error ellipse: s-maj=42.8km s-min=25.3km az=107.0

IDC 17 11:54:07.5±0.7, 5.72S:0.08x154.11E±0.09, h74km, n34, c1522/30, mb4.1/14, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for TOLK Toolik Lake Re, BCAR Beaver Creek A, BMAR Bessie Mountain, etc.

WEL 17 11:55:29.42±5.4, 7.13E:1.1xh26km, 11km, M2.7/10, mB5.8/1, ML3.1/24, ML2.7/10, Mw(mb)5.4/1, Error ellipse: s-maj=0.0km s-min=0.0km az=84.1, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for THZ Tophouse, KHZ Kahutara, KHW Tuamarina, etc.

IDC 17 11:56:53.6±2.0, 5.61S:154.78E, h0km, mb3.7/4, mbmp3.9/6, ML2.5/1, Error ellipse: s-maj=51.1km s-min=28.5km az=125.0

IDC 17 11:56:59.6±1.5, 5.65S:0.11x154.5E±0.1, h35km, n6, c1969/8, mb3.4/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for KRVT Keravat, PMG Port Moresby, WRA Warrungarra Arr, etc.

ISC-EH 17 11:59:08.7, 6.27S:154.51E, h82km, 10km, Error ellipse: s-maj=8.9km s-min=6.6km az=68.0

IDC 17 11:59:08.2±1.5, 6.19S:154.44E, h77km, 14km, mb3.9/14, mbmp4.2/18, Error ellipse: s-maj=14.8km s-min=10.6km az=44.0

NEIC 17 11:59:10.3±0.6, 6.4S:0.21x154.4E±0.1, h82km, 20km, mb4.4/13, Error ellipse: s-maj=25.4km s-min=17.4km az=195.0

IDC 17 11:59:10.2±0.5, 6.28S:0.06x154.44E±0.06, h100km, n50, c1912/53, mb4.2/19, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Songlino Arr, Taplejung, etc.

IDC 17 12:01:00.5:2.8, 6:26S:154.54E, h31km, 19km, mb4.5/26, mtdmp4.7/30, ML4.1/4, Error ellipse: s-maj=15.5km s-min=12.3km az=80.0

BJJ 17 12:01:03.5:0.0, 5:97S:154.95E, h72km, mb5.1/52, mb4.9/1

MOS 17 12:01:03.6:0.9, 6:28S:154.46E, h71km, mb5.2/21, Error ellipse: s-maj=11.4km s-min=7.6km az=89.0

ISC-EH 17 12:01:05.3:6.27S:154.44E, h65km, 1km, Error ellipse: s-maj=3.8km s-min=3.1km az=98.0

NEIC 17 12:01:07.5:2.0, 6:30S:0.08x154.4E:0.1, h83km, 7km, mb5.0/55, Error ellipse: s-maj=15.0km s-min=11.3km az=66.0

DJA 17 12:01:08.8:0.5:5.4x15.4E, h77km, 6km, M5.3/19, mb6.0/3, mb5.0/19, MLV5.3/3, MW(m)B5.7/3

ISC 17 12:01:03.6:0.3, 6:28S:154.42E, 0.16, h48km, n346, +156/347, mb5.0/88, 10C-14D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Rabaul, Keravat, Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kunurra, OOD, STKA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Chengdu, HeH, HHC, etc.

17d 12h

MKAR Makanchi Array 83.47 319 P P 12 32 41.5 +0.8
TORO Torodi Arr. Bea 152.28 286 PKPbc PKPbc 12 40 10.6 -0.9

IDC 17 12:21:15.6:2.6, 5.84S:154.19E, h120km, 19km, mb3.6/12,
mbmp4.0/13, Error ellipse: s-maj=27.8km s-min=17.8km
az=79.0

ISC 17 12:21:13.8:0.7, 5.96S:109.154:12E:0.09, h100km, n16,
e171/19, mb3.8/11, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KRVT Keravat (AS076), HNR Honiara, PMG Port Moresby, etc.

IDC 17 12:22:20.0:3.3, 6.72S:154.50E, h0km, mb3.7/4,
mbmp3.7/4, Error ellipse: s-maj=106.9km
s-min=77.1km az=166.0, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SONM Songino Array, MKAR Makanchi Array, ILAR Eielson Array, etc.

IDC 17 12:26:03.7:6.7, 4.53S:153.95E, h100km, 45km, mb3.4/3,
mbmp4.0/4, Error ellipse: s-maj=63.8km s-min=31.7km
az=87.0

NEIC 17 12:26:09.7:1.5, 4.9S:0.1:153.9E:0.1, h136km, 8km,
mb4.2/12, Error ellipse: s-maj=20.7km s-min=15.5km
az=51.0

ISC 17 12:26:04.7:1.0, 4.6S:0.1:153.9E:0.1, h100km, n22,
e125/21, mb4.1/9, New Ireland region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat (AS076), PMG Port Moresby, etc.

MOS 17 12:27:24.3:0.9, 6.03S:154.39E, h36km, mb5.3/33, Error
ellipse: s-maj=9.5km s-min=6.0km az=99.6

BJI 17 12:27:25.3:0.0, 5.77S:154.79E, h49km, mb5.2/65,
mb4.9/1

IDC 17 12:27:26.9:1.3, 6.04S:154.42E, h49km, 11km, mb4.6/33,
mbmp4.9/37, MLS.0/4, Error ellipse: s-maj=12.6km
s-min=8.4km az=71.0

NEIC 17 12:27:28.6:1.8, 6.12S:0.07:154.27E:0.07, h49km, 5km,
mb5.3/95, Error ellipse: s-maj=10.6km s-min=9.0km
az=45.0

DJA 17 12:27:29.6:0.4, 6.3S:15.15E, h54km, km4, M5.6/55,
mb6.1/5, mb5.2/55, MLV5.8/3, MW(m)E5.7/5

ISC-EH 17 12:27:29.3:0.1, 6.1S:154.36E, h67km, 1km, Error ellipse:
s-maj=7.7km s-min=2.2km az=102.0

ISC 17 12:27:29.7:0.4, 6.09S:10.04:154.29E:0.04, h69km, 3km,

2016 DEC

h69km, pP, n14, e1920/643, mb5.2/133, 16C-15D,
Bougainville-Solomon Islands region

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat (AS076), HNR Honiara, etc.

1212

Table with columns: FITZ BATI, FITZroy Crossi, MULG Mugaibing, etc. Includes station names, coordinates, and time/res data.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like J20K, IMAR, MKAR, etc.

IDC 17 12:39:20.6, 3.0, 5.34S; 154.07E, h54km, mb3.8/12, mbmp4.1/15, ML3.4/3, Error ellipse: s-maj=27.4km s-min=14.0km az=64.0

NEIC 17 12:39:23.4, 1.9, 5.4S; 0.1, 154.0E, 0.1, h83km, 5km, mb4.6/10, Error ellipse: s-maj=17.9km s-min=13.5km az=58.0

ISC 17 12:39:22.6, 0.6, 5.46S; 0.07, 153.92E, 0.09, h74km, n34, 0.12/39, mb4.2/16, New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like RABL, KRVT, PMG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like WRA, ASAR, KNRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like FITZ, URZ, RTZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like BKZ, MCQ, KSR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like USRK, USA0B, KLR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like CMAR, IMAR, MK31, etc.

KRNET 17 12:41:11.1, 1.0, 4.316N; 78.66E, h13km, mb2.5 NNC 17 12:41:11.0, 4.314N; 78.66E, h0km, mb2.6, mpv2.6, Error ellipse: s-maj=3.9km s-min=1.4km az=173.0

Table with columns: UZB, Uzynbulak, 0.27, 90, P, Pg, 12 41 16.5 -0.1, 12 41 20.0 -0.2, 12 41 16.5 -0.1, 12 41 20.0 -0.2, 12 41 17.4 -0.1, 12 41 21.8 0.0, 12 41 17.4 -0.1, 12 41 21.7 0.0, 12 41 17.4 -0.1, 12 41 21.8 0.0, 12 41 20.6 -0.1, 12 41 27.3 +0.1, 12 41 20.6 -0.1, 12 41 27.3 +0.1, 12 41 22.9 -0.5, 12 41 31.7 -0.1, 12 41 38.4 +0.2, 12 41 57.7 +0.2, 12 41 38.4 +0.2, 12 41 57.7 +0.2, 12 41 39.9 0.0, 12 42 00.5 -0.3, 12 41 40.4 -0.3, 12 42 00.5 -0.3, 12 41 39.9 0.0, 12 42 00.5 -0.3, 12 41 39.9 -0.3, 12 42 01.3 +0.3, 12 41 45.2 +0.2, 12 42 09.1 +0.9, 12 41 47.6 -0.1, 12 42 14.9 -0.3, 12 42 15.2 +0.4, 12 42 21.1, 12 41 51.3 -0.8, 12 42 24.3, 12 41 52.1 0.0, 12 42 22.2 -1.3

Table with columns: UZB, Uzynbulak, 0.27, 90, P, Pg, 12 41 16.5 -0.1, 12 41 20.0 -0.2, 12 41 16.5 -0.1, 12 41 20.0 -0.2, 12 41 17.4 -0.1, 12 41 21.8 0.0, 12 41 17.4 -0.1, 12 41 21.7 0.0, 12 41 17.4 -0.1, 12 41 21.8 0.0, 12 41 20.6 -0.1, 12 41 27.3 +0.1, 12 41 20.6 -0.1, 12 41 27.3 +0.1, 12 41 22.9 -0.5, 12 41 31.7 -0.1, 12 41 38.4 +0.2, 12 41 57.7 +0.2, 12 41 38.4 +0.2, 12 41 57.7 +0.2, 12 41 39.9 0.0, 12 42 00.5 -0.3, 12 41 40.4 -0.3, 12 42 00.5 -0.3, 12 41 39.9 0.0, 12 42 00.5 -0.3, 12 41 39.9 -0.3, 12 42 01.3 +0.3, 12 41 45.2 +0.2, 12 42 09.1 +0.9, 12 41 47.6 -0.1, 12 42 14.9 -0.3, 12 42 15.2 +0.4, 12 42 21.1, 12 41 51.3 -0.8, 12 42 24.3, 12 41 52.1 0.0, 12 42 22.2 -1.3

IDC 17 12:43:30.8, 3.6, 6.58S; 151.61E, h0km, mb3.4/4, mbmp3.5/4, Error ellipse: s-maj=124.4km s-min=93.3km az=111.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like WRA, ASAR, MKAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like KURBB, TORO, etc.

NEIC 17 12:45:42.1, 1.7, 4.3S; 0.1, 153.9E, 0.1, h109km, 6km, mb4.2/10, Error ellipse: s-maj=21.4km s-min=15.7km az=103.0

IDC 17 12:45:44.8, 4.7, 4.58S; 153.63E, h121km, 32km, mb3.3/5, mbmp3.8/6, Error ellipse: s-maj=56.7km s-min=20.0km az=108.0

ISC 17 12:45:40.9, 0.9, 4.4S; 0.1, 153.9E, 0.1, h100km, n24, 0.13/27, mb3.9/11, New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like RABL, KRVT, KRVT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like WRO, WB2, WRA, etc.

IDC 17 12:47:58.0, 2.4, 2.239S; 170.59E, h0km, mb3.7/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like MARNC, YATNC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like DZM, DZM, DZM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like WRA, MJAR, CMAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like SONM, ILAR, ARCES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like MORC, JAVC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like KRUC, GERES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like HNR, HNR, HNR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like PMG, PMG, PMG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like COEN, PAYS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other details for stations like GENI, TVIH, etc.

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

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

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

17d 13h

Table with columns: SKT, Pn, 0.87 304, P, Pn, 13 12 46.2 -0.4, etc. Lists various stations and their coordinates.

2016 DEC

Table with columns: BPAW, Pn, 2.64 351, P, Pn, 13 13 10.6 -0.3, etc. Lists various stations and their coordinates.

1218

Table with columns: BCPM, Pn, 5.33 102, Pn, Pn, 13 13 48.3 +0.6, etc. Lists various stations and their coordinates.

IDC 17 13:15:30.0; 1.2, 5.93S; 154.12E, h06km, mb3,9/8, mbmp4.0/10, ML3.2/2, Error ellipse: s-maj=37.3km, s-min=20.8km, az=124.0

MOS 17 13:16:27.7; 0.7, 4.58S; 153.74E, h106km, mb5.1/34, Error ellipse: s-maj=9.0km, s-min=6.0km, az=102.8

ISC-EH 17 13:16:29.8; 4.69S; 153.68E, h115km, 1km, Error ellipse: s-maj=2.7km, s-min=1.9km, az=127.0

ISC 17 13:16:29.0; 0.5, 4.64S; 153.74E; 0.05, h109km, 4km, n578, 0.09/601, mb5.1/12, 35C-9D, New Ireland region

17d 13h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like P19K Oil Pt, N19K Bonanza Creek, and many others.

2012 DEC

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like I23K Minto, Yukon-K, MA2K Makanchi, and many others.

1220

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like E25K Arctic Village, EGAK Eagle, and many others.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BRVK Borovoye, EDW2 Edwards Air Force, NVAR Mina Array, CWC Cottonwood Creek, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like mB5.4/2, RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, HATZ Hallett, BATI Baunata, MILA Mila, WRKA Warakura, etc.

ISC-EH 17 13:22:29.8, 6.285x154.51E, h15km, Error ellipse: s-maj=2.3km s-min=2.1km az=88.0 NEIC 17 13:22:29.2, 6.303x154.55E, 0.0h, h9km, 2km, mb5.4/122, Error ellipse: s-maj=11.3km s-min=8.0km az=79.0 MOS 17 13:22:29.1, 1.0, 6.21S, 154.43E, h17km, mb5.4/28, Error ellipse: s-maj=5.5km s-min=6.4km az=99.9 IDC 17 13:22:31.1, 1.7, 6.31S, 154.15E, h23km, 8km, mb5.1/40, mbmps 2.44, ML4.7/4, MS6.05, Error ellipse: s-maj=10.7km s-min=8.5km az=92.0 BUJ 17 13:22:31.1, 0.0, 5.82S, 154.78E, h24km, mb5.2/58,

Code Station Name Az Az2 Phase ID Time Res ISC. Includes stations like STKA Stephens Creek, ARMA Armidale, MSAL Masoli, ASAR Alice Springs, etc.

Code Station Name Az Az2 Phase ID Time Res ISC. Includes stations like BKZ Black Stump Fm, PUZ Puketiti, KAHZ Kahurangi, etc.

1223

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like PPLA Purkeypyle, J20K Nowinta River, M22K Willow, etc.

2016 DEC

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like PRP Porcupine Dome, A21K Barrow, D23K Nanushuk River, etc.

17d 13h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like DLBC Dease Lake, G30M tAoh Zrai Njii, NRIK Noril'sk, etc.

Table with columns: GEYT, Alikeeb, 98.92 307 P, Pdf, 13 36 10.2 +0.4, etc. Lists various radio stations and their frequencies.

Table with columns: BIOA, Bad Ischl, Aus, 127.01 328 i P, PKPdf, 13 41 33.0 -0.2, etc. Lists various radio stations and their frequencies.

Table with columns: 0.9nm, 0.8s, baz=49, slow=1.6, SNR=3.6, NEIC 17 13:33:56.7, 2.0, 6.04S:0.07, 154.4E:0.1, h35km, 7km, etc. Lists various radio stations and their frequencies.

17d 13h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PLAI Plampang, MBWA Marble Bar, MBWA Pilbara Seismi, etc.

2016 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like YSS, BKNI Bangkinang, USA0B Ussuriysk Arra, etc.

1226

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ZAK, SDPT Sand Point, TAPN Taplejung, etc.

PMR	comp-Z,78nm,1.8s	I	Amb	I	Amb	13 55 23.2
PMR	Palmer baz=238	79.67	24	P	P	13 52 45.0 -0.3
PMR	Palmer	79.67	24	P	P	13 52 45.1 -0.3
CHUM	comp-Z,78nm,1.8s	79.71	21	P	P	13 52 46.1 +0.5
ZSN	Zaisan baz=320	79.77	320	eP	P	13 52 47.3 +0.9
ZSN	Zaisan baz=239	79.77	320	eP	P	13 52 47.2 +0.9
KNK	Knisk Glacier baz=239	79.85	24	P	P	13 52 47.1 +0.6
KTH	Kantishna Hill	80.03	22	P	P	13 52 46.5 -0.9
SML	comp-Z,62nm,1.8s	80.10	24	P	P	13 52 48.0 +0.2
SML	Sawmill	80.10	24	P	P	13 53 11.7
SML	comp-Z,78nm,1.3s	80.10	24	P	P	13 52 47.9 0.0
TRF	Thorofare Moun	80.21	22	P	P	13 52 48.2 -0.3
TRF	Thorofare Moun	80.21	22	P	P	13 52 48.0 -0.6
BPWA	Bear Paw Mtn.	80.31	21	P	P	13 52 47.8 -1.2
BPWA	Bear Paw Mtn.	80.31	21	P	P	13 53 41.6
BPWA	comp-Z,52nm,1.9s	80.31	21	P	P	13 52 47.7 -1.2
M23K	Glacier View baz=236	80.34	24	P	P	13 52 49.5 +0.3
IMAR	Indian Mountai	80.45	19	P	P	13 52 49.7 +0.1
SCM	Sheep Creek Mo	80.53	24	P	P	13 52 50.6 +0.4
SCM	comp-Z,62nm,1.3s	80.53	24	P	P	13 53 13.7
SCM	Sheep Creek Mo	80.53	24	P	P	13 52 48.8 -1.3
SCM	Sheep Creek Mo	80.53	24	P	P	13 52 50.6 +0.4
SCM	comp-Z,62nm,1.3s	80.56	26	P	P	13 52 50.6 +0.4
EYAK	Cordova Ski Ar	80.56	26	P	P	13 52 50.1 -0.2
H21K	Melozitna Rive	80.57	20	P	P	13 52 50.5 +0.2
H21K	Melozitna Rive	80.57	20	P	P	13 52 49.9 -0.3
I21K	Tanana	80.57	20	P	P	13 52 51.2 +1.0
WAT6	Susitna Watana	80.74	24	P	P	13 52 51.6 +0.2
G21K	Allakaket	80.85	19	P	P	13 52 51.9 +0.2
MCK	McKinley	80.88	22	P	P	13 52 50.8 -1.1
MCK	McKinley	80.88	22	P	P	13 52 51.2 -0.7
MCK	McKinley	80.88	22	P	P	13 52 50.8 -1.1
MCK	comp-Z,36nm,1.0s	80.88	22	P	P	13 52 51.2 -0.7
MLY	Manley	80.92	21	P	P	13 52 51.8 -0.4
KLU	Klutina	80.94	25	P	P	13 52 53.1 +0.7
DHY	Denali Highway	81.14	23	P	P	13 52 53.7 +0.2
M24K	Tolsona, Glenn	81.14	24	P	P	13 52 52.9 -0.5
M24K	comp-Z,55nm,0.9s	81.14	24	P	P	13 53 17.5
M24K	Tolsona, Glenn	81.14	24	P	P	13 52 53.9 +0.5
H22K	Ishlitalna Cre	81.19	20	P	P	13 52 53.7 +0.2
MK31	Makanchi Array	81.23	319	P	P	13 52 54.8 +0.7
MK31	comp-Z,30nm,1.0s	81.23	319	P	P	13 52 56.1
MK31	Makanchi Array	81.23	319	P	P	13 52 54.9 +0.7
MKAR	Makanchi Array	81.23	319	P	P	13 52 55.1 +0.9
MKAR	comp-Z,25nm,0.7s	81.23	319	P	P	13 52 55.1 +0.9
BMRM	Bremner River	81.26	26	P	P	13 52 55.8 +1.8
F21K	Alatina River	81.28	18	P	P	13 52 54.2 +0.2
NEA2	Nenana	81.28	22	P	P	13 52 53.1 -0.9
NEA2	Nenana	81.28	22	P	P	13 52 53.1 -0.9
MAK2	Makanchi	81.44	319	P	P	13 52 56.1 +0.8
MAK2	Makanchi	81.44	319	P	P	13 52 56.1 +0.8
I23K	Minto, Yukon-K	81.48	21	P	P	13 52 55.1 +0.1
I23K	Minto, Yukon-K	81.48	21	P	P	13 52 54.4 -0.6
N25K	Chitina, Valde	81.56	25	P	P	13 52 55.7 0.0
N25K	Chitina, Valde	81.56	25	P	P	13 52 59.3 +3.6
HARP	HAARP	81.69	24	P	P	13 52 57.1 +0.8
G22K	Bettles	81.73	19	P	P	13 52 56.3 0.0
CCB	Clear Creek Bu	81.78	22	P	P	13 52 55.3 -1.3
CCB	comp-Z,33nm,1.5s	81.78	22	P	P	13 53 18.9
H23K	Yukon River	81.78	20	P	P	13 52 55.7 -0.9
H23K	comp-Z,51nm,1.9s	81.78	20	P	P	13 53 37.8
H23K	Yukon River	81.78	20	P	P	13 52 56.8 +0.1
PAX	Paxson	81.84	24	P	P	13 52 57.1 -0.1
TCOL	CICO, UAF Yank	81.87	22	P	P	13 52 56.2 -0.9
VRDI	Verde Repeater	81.87	26	P	P	13 52 56.8 -0.7
VRDI	comp-Z,61nm,1.5s	81.88	22	P	P	13 53 20.9
COLA	College	81.88	22	P	P	13 52 56.0 -1.1
COLA	comp-Z,17nm,0.9s	81.97	22	P	P	13 52 57.1 -0.5
HDA	Harding Lake	81.97	22	P	P	13 54 12.1
HDA	comp-Z,33nm,1.7s	81.97	22	P	P	13 52 57.0 -0.7
ZALV	Zalesovo Beam	82.00	326	P	P	13 52 58.0 0.0
ZALV	comp-Z,22nm,0.5s	82.00	326	P	P	13 52 58.0 0.0
G23K	Bananza Creek	82.10	19	P	P	13 52 58.7 +0.4
K24K	Donnelly Dome	82.12	23	P	P	13 52 59.9 +1.3
MCARA	McCarthy VSAT	82.13	26	P	P	13 52 58.6 0.0
POKR	Poker Plat Res	82.16	21	P	P	13 52 58.5 -0.2
SHLS	Shalkode	82.17	315	P	P	13 52 58.8 -0.5
SHLS	Shalkode	82.17	315	P	P	13 52 58.8 -0.5
IL31	comp-Z,25nm,1.4s	82.18	22	P	P	13 52 57.7 -1.0
IL31	Eielson Array	82.18	22	P	P	13 53 33.3
ILAR	Eielson Array	82.18	22	P	P	13 52 57.8 -1.0
ILAR	comp-Z,5.4nm,0.8s	82.18	22	P	P	13 52 57.8 -1.0
ILAR	Eielson Array	82.18	22	P	P	13 52 57.7 -1.0
COLD	Coldfoot	82.23	19	P	P	13 53 00.2 +0.7
E22K	Anaktuvuk Pass	82.33	18	P	P	13 52 60.0 +0.4
H24K	Noodor Dome	82.37	21	P	P	13 52 59.4 -0.4
H24K	Noodor Dome	82.37	21	P	P	13 53 00.1 +0.3
RIDG	Independent Ri	82.45	23	P	P	13 53 00.5 +0.2
UZB	Uzymbulak	82.48	315	eP	P	13 53 02.1 +1.1
UZB	Uzymbulak	82.48	315	eP	P	13 53 02.1 +1.1
M26K	Uzabesna, AK	82.59	25	P	P	13 53 01.2 +0.2
J25K	Salcha River,	82.67	22	P	P	13 53 01.1 -0.3
J25K	comp-Z,32nm,1.2s	82.67	22	P	P	13 53 01.1 -0.3
L26K	Log Cabin Wild	82.72	24	P	P	13 53 01.6 0.0
KPKS	Kokpek	82.79	315	P	P	13 53 03.5 +0.9

KPKS	Kokpek	82.79	315	P	P	13 53 03.5 +0.9
SATY	Saty	82.89	314	P	P	13 53 04.2 +1.0
SATY	baz=314	82.89	314	P	P	13 53 04.1 +1.0
ZHN	Zhinishke	82.90	315	eP	P	13 53 04.1 +1.0
ZHN	Zhinishke	82.90	315	eP	P	13 53 04.1 +1.0
SCRK	Sand Creek	82.90	23	P	P	13 53 01.9 -0.8
SCRK	Sand Creek	82.90	23	P	P	13 53 02.8 +0.1
G24K	Hadwezenic Riv	82.95	20	P	P	13 53 03.1 +0.4
A21K	Barrow	82.96	14	P	P	13 53 02.4 -0.2
E23K	Chandalar	82.97	18	P	P	13 53 03.8 +0.8
TARG	Taragay, Kyrgy	83.01	313	P	P	13 53 05.1 +0.9
TARG	comp-Z,15nm,0.8s	83.01	313	P	P	13 53 06.8
TARG	Taragay, Kyrgy	83.01	313	P	P	13 53 05.1 +0.9
M27K	Edge Creek, AK	83.04	25	P	P	13 53 03.6 +0.2
M27K	Edge Creek, AK	83.04	25	P	P	13 53 04.6 +1.1
PRP	Porcupine Dome	83.05	21	P	P	13 53 03.6 +0.2
PNL	Perisula	83.05	28	P	P	13 53 03.5 +0.1
O28M	Mount Upton	83.12	27	P	P	13 53 03.9 -0.2
D23K	Nanushuk River	83.15	17	P	P	13 53 04.9 +1.2
F24K	Squaw Lake	83.24	19	P	P	13 53 04.9 +0.6
TOLK	Toolik Lake Re	83.31	18	P	P	13 53 04.8 +0.3
TOLK	Toolik Lake Re	83.31	18	P	P	13 53 04.9 +0.3
J26L	Joseph Creek	83.31	23	P	P	13 53 04.9 +0.1
J26L	Joseph Creek	83.31	23	P	P	13 53 04.4 -0.4
E24K	Your Creek	83.34	19	P	P	13 53 05.4 +0.6
TDK	Taldygorghan	83.36	316	eP	P	13 53 06.4 +1.0
TDK	Taldygorghan	83.36	316	eP	P	13 53 06.3 +1.0
L27K	Beaver Creek,	83.36	24	P	P	13 53 05.7 +0.7
L27K	comp-Z,21nm,1.1s	83.36	24	P	P	13 53 29.0
L27K	Beaver Creek,	83.36	24	P	P	13 53 05.4 +0.5
BCAR	Beaver Creek A	83.38	24	P	P	13 53 06.2 +1.1
G25K	Bearman Lake	83.46	20	P	P	13 53 06.0 +0.7
C23K	Ikilik River	83.66	17	P	P	13 53 07.0 +0.7
O29M	Mount Kennedy	83.67	28	P	P	13 53 07.0 +0.2
K27K	Chicken	83.68	24	P	P	13 53 06.4 -0.2
K27K	Chicken	83.68	24	P	P	13 53 07.3 +0.8
P29M	Windy Craggy	83.82	28	P	P	13 53 07.4 +0.1
MDOK	Medeo	83.89	314	P	P	13 53 09.3 +1.0
MDOK	Medeo	83.89	314	P	P	13 53 09.3 +1.0
KSH	Kashi	83.89	311	P	P	13 53 11.1 +2.7
KSH	KSH	83.89	311	P	P	13 53 27.9 +1.9
KSH	KSH	83.89	311	P	P	14 03 34.8 +7.9
AAA	Alma-Ata	83.99	314	eP	P	13 53 09.9 +1.2
AAA	comp-Z,28nm,0.8s	83.99	314	eP	P	13 53 09.8 +1.2
AAA	Alma-Ata	83.99	314	eP	P	13 53 09.8 +1.2
F25K	Christian River	84.02	20	P	P	13 53 08.8 +0.5
CHKK	Chushkaly	84.08	315	eP	P	13 53 09.7 +0.6
CHKK	Chushkaly	84.08	315	eP	P	13 53 09.6 +0.6
ULHL	Ulsho	84.27	313	P	P	13 53 12.0 +1.7
BMAR	Burnt Mountain	84.30	20	P	P	13 53 10.5 +0.8
E25K	Arctic Village	84.31	19	P	P	13 53 10.2 +0.6
HYT	Haines Junction	84.36	27	P	P	13 53 10.7 +0.5
HYT	comp-Z,46nm,1.0s	84.36	27	P	P	13 53 35.1
P30M	Million Dollar	84.36	28	P	P	13 53 09.7 -0.5
M29M	Somme Creek	84.53	26	P	P	13 53 11.3 +0.3
I27K	Kandik River	84.54	22	P	P	13 53 11.9 +1.0
KUU	Kury	84.55	315	P	P	13 53 12.4 +0.9
KUU	Kury	84.55	315	P	P	13 53 12.3 +0.9
F26K	Sheenjek River	84.57	20	P	P	13 53 11.6 +0.5
D25K	Kavik River	84.65	18	P	P	13 53 12.0 +0.6
KURK	Kurchatov	84.65	322	P	P	13 53 11.9 +0.3
KURK	Kurchatov	84.65	322	P	P	13 53 12.0 +0.3
QSPA	South Pole Qu	84.76	180	P	P	13 53 10.6 -1.6
DAWY	Dawson	84.77	24	P	P	13 53 12.8 +0.7
N30M	Aishik Lake					

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

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KSH, P30M, M29M, etc.

17d 14h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Novo Progresso, Itaituba, Serra Nova Dou, etc.

IDC 17 14:00:47.5, 6.5, 5.03S, 152.99E, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=234.8km s-min=43.5km az=113.0, New Britain region

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

IDC 17 14:01:09.1, 1.0, 5.63S, 153.50E, h0km, mb4.1/11, mbtmp4.1/11, Error ellipse: s-maj=37.7km s-min=24.8km az=88.0

ISC 17 14:01:14.6, 1.0, 5.75S, 153.50E, h0km, mb4.1/11, mbtmp4.1/11, Error ellipse: s-maj=37.7km s-min=24.8km az=88.0

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

NEIC 17 14:03:08.5, 1.4, 5.71S, 0.07, 154.0E, 0.1, h50km, 14km, mb4.4/12, Error ellipse: s-maj=18.3km s-min=6.1km az=115.0

IDC 17 14:03:12.6, 3.8, 5.76S, 153.82E, h72km, 30km, mb3.9/10, mbtmp4.2/13, Error ellipse: s-maj=36.2km s-min=17.2km az=104.0

ISC 17 14:03:30.7, 3.0, 5.78S, 0.07, 154.1E, 0.10, h35km, n33, 1522/30, mb4.2/13, Bougainville-Solomon Islands region

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

2016 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Eielson Array, Zalesovo Beam, South Pole, etc.

IDC 17 14:04:54.6, 4.6, 6.82S, 154.76E, h63km, 54km, mb3.7/7, mbtmp4.1/8, ML3.0/1, Error ellipse: s-maj=49.7km s-min=28.8km az=112.0

ISC 17 14:04:51.8, 1.2, 6.75S, 0.2, 154.8E, 0.2, h35km, n10, 15150/10, mb4.0/7, Bougainville-Solomon Islands region

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

IDC 17 14:05:28.7, 0.9, 6.26S, 154.56E, h0km, mb4.3/9, mbtmp4.3/10, ML4.6/1, Error ellipse: s-maj=32.2km s-min=20.8km az=121.0

NEIC 17 14:05:30.2, 1.8, 6.12S, 0.06, 154.31E, 0.06, h10km, 1km, mb4.7/22, Error ellipse: s-maj=17.16km s-min=7.4km az=136.0

ISC 17 14:05:34.1, 0.6, 6.23S, 0.07, 154.25E, 0.09, h35km, n39, 1527/39, mb4.5/19, Bougainville-Solomon Islands region

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

IDC 17 14:11:40.0, 0.3, 6.22S, 154.01E, h62km, 27km, mb3.6/7, mbtmp4.0/10, ML3.3/2, Error ellipse: s-maj=26.8km s-min=21.7km az=91.0

ISC 17 14:11:38.4, 0.8, 6.15S, 0.1, 154.2E, 0.1, h48km, n13, 15136/15, mb3.9/7, Bougainville-Solomon Islands region

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

1230

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for MKAR Makanchi Array, ZALV Zalesovo Beam, ILAR Eielson Array, TORO Torodi Ar. Bea.

IDC 17 14:15:46.8±1.2, 5.73S:153.72E, h0km, mb4.1/1, mbmp4.2/12, MS4.8/1, Error ellipse: s-maj=37.7km s-min=21.3km az=110.0

ISC 17 14:15:54.0±0.7, 5.64S:109.153.5E±0.1, h43km, n18, ±134/19, mb4.1/12, New Ireland region

Main table for 1231, listing various stations like KRVT Keravat, PMG Port Moresby, DZM Mont Dzumac, WRA Warrungarra Arr, ASAR Alice Springs, etc.

IDC 17 14:23:50.0±0.6, 5.80S:154.32E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=182.2km s-min=40.8km az=111.0, Bougainville-Solomon Islands region

Table listing stations in Bougainville-Solomon Islands region, including WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 17 14:25:42.9±0.7, 6.15S:154.36E, h0km, mb4.2/15, mbmp4.2/17, ML4.3/2, MS4.9/1, Error ellipse: s-maj=21.7km s-min=14.8km az=81.0

NEIC 17 14:25:43.8±2.2, 6.25S:0.1, 154.7E±0.1, h31km, 8km, mb4.3/16, Error ellipse: s-maj=22.0km s-min=8.7km az=53.0

ISC 17 14:25:50.4±0.6, 6.22S:106.154.27E±0.09, h61km, n53, ±178/54, mb4.3/17, Bougainville-Solomon Islands region

Main table for 1231, listing various stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, COEN Coen, etc.

Table listing stations like ASAR Alice Springs, KNRA Kunurra, STKA Stephens Creek, FITZ Fitzroy Crossi, GHSS Government Hou, URZ Urewera.

comp=Z,1.4nm,0.4s; IDC 17 14:38:43.2±0.8, 5.96S:153.87E, h0km, mb3.9/9, mbmp4.0/10, ML3.8/1, Error ellipse: s-maj=26.3km s-min=18.1km az=69.0

ISC 17 14:38:50.0±0.8, 6.01S:109.153.8E±0.1, h48km, n15, ±086/15, mb3.8/8, New Britain region

Main table for 2016 DEC, listing various stations like ILAR Eielson Array, ZALV Zalesovo Beam, QSPA South Pole Qui, INK Inuvik, NVAR Niuafooua, TORO Torodi Ar. Bea.

IDC 17 14:38:43.2±0.8, 5.96S:153.87E, h0km, mb3.9/9, mbmp4.0/10, ML3.8/1, Error ellipse: s-maj=26.3km s-min=18.1km az=69.0

ISC 17 14:38:50.0±0.8, 6.01S:109.153.8E±0.1, h48km, n15, ±086/15, mb3.8/8, New Britain region

Main table for 2016 DEC, listing various stations like H11S3 Wake Island Hy, H11S2 Wake Island Hy, H11S1 Wake Island Hy, STKA Stephens Creek, URZ Urewera, CMAR Chiang Mai Arr, SONMI Songino Array, MKAR Makanchi Array, ILAR Eielson Array, TORO Torodi Ar. Bea.

NEIC 17 14:43:40.5±1.7, 4.55S:153.83E±0.05, h103km, 17km, mb4.3/13, Error ellipse: s-maj=31.9km s-min=7.1km az=185.0

IDC 17 14:43:43.1±2.6, 4.57S:153.66E, h114km, 16km, mb3.7/11, mbmp4.2/12, Error ellipse: s-maj=29.1km s-min=13.8km az=110.0

ISC 17 14:43:40.8±0.7, 4.55S:108.153.83E±0.08, h100km, n41, ±147/44, mb4.0/17, New Ireland region

Main table for 2016 DEC, listing various stations like RABL Rabaul, KRVT Keravat, HNR Honiara, PMG Port Moresby, COEN Coen, MTSU Mount Surprise, CTAO Charters Tower, EIDS Eidsvold, QIS Mount Isa, RMQ Roma, QLP Quilpie, WRA Warrungarra Arr, WRAB Tennant Creek, ARMA Armadale, AS31 Alice Springs.

Table listing stations like ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, FITZ Fitzroy Crossi, FORT Forrest, MBWA Marble Bar, PSAAO Pilbara Seismi, CMAR Chiang Mai Arr.

comp=Z,0.9nm,1.0s,baz=52,slow=14,SNR=4.8; comp=Z,1.7nm,0.7s,baz=54,slow=8.7,SNR=12

comp=Z,0.9nm,1.0s,baz=52,slow=14,SNR=4.8; comp=Z,1.7nm,0.7s,baz=54,slow=8.7,SNR=12

Main table for 17d 14h, listing various stations like SONMI Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ILAR Eielson Array, KURBB Kurchatov Arra, GSPA South Pole Qui, MAW Mawson, BVAR Borovoye Array, TORO Torodi Ar. Bea.

IDC 17 14:47:29.7±1.1, 32.07S:175.92W, h0km, mb4.2/5, mbmp4.3/7, ML4.2/2, Error ellipse: s-maj=64.3km s-min=23.4km az=148.0

ISC 17 14:47:35.1±0.7, 31.73S:107.176.5W±0.1, h35km, n42, ±152/42, mb4.2/5, Kermadec Islands region

Main table for 17d 14h, listing various stations like GLKZ Green Lake, URZ Urewera, RIGZ Rimuhau, WIAZ Waikae Island, MBZ Motutapu North, MKAZ Moumakai, TOZ Tahuroa Road, RPZ Rata Peaks, STKA Stephens Creek, WRA Warrungarra Arr, TROLL TROLL, ANTARTI, SNAIA Sanae, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, NVAR Mina Arra Bay, TXAR Lailias Array, PDAR Pinedale Array, KURBB Kurchatov Arra, BVAR Borovoye Array, FINES Finnes Array B, KBZ Khabarovsk Arr, NB2 NORSTAR Subarata150.24, NB1 NORSTAR Arr B150.24, HFS Hagfors, AKASA Malin Arr B.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ILAR Alice Springs, NVAR Mina Arra, YKA Yellowknife Arr, and TORO Torodi Arr.

IDC 17 15:10:13.4:7.0,6.67S,154.14E,h0km,mb3.3/3, mbtmp3.4/3, Error ellipse: s-maj=210.8km s-min=43.4km az=111.0, Bougainville-Solomon Islands region

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

IDC 17 15:18:12.2:4.2,6.22S,154.46E,h73km,33km,mb3.5/8, mbtmp3.9/11,ML3.3/2,MS4.1/1, Error ellipse: s-maj=35.1km s-min=16.1km az=103.0

ISC 17 15:18:07.4:0.8,6.30S,109.1547E,0.1,h35km,n23, 0592/26,mb3.8/8,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, and WRA Warramunga Arr.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, KLR Kul'dur, and TAPN Tapeljung.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAMN Ramite, JIRN Jiri, and GUN Gumba.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PKI Pulchoki, PKIN Phulchoki, DMN Daman, KOLN Koldanda, DANN Dangising, and PYUN Piuthan.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ILAR Eielson Array, and ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Arra, PDAR Pinedale Array, and TORO Torodi Arr.

IDC 17 15:22:03.0:9.7,6.22S,154.66E,h71km,80km,mb3.3/6, mbtmp3.7/7,ML3.9/1, Error ellipse: s-maj=59.9km s-min=33.5km az=100.0

ISC 17 15:21:58.4:1.5,6.25S,154.80E,0.3,h35km,n18, 0550/20,mb3.7/6,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, WRA Warramunga Arr, and ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, and TAPN Tapeljung.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAMN Ramite, JIRN Jiri, GUN Gumba, PKI Pulchoki, PKIN Phulchoki, DMN Daman, KOLN Koldanda, DANN Dangising, and PYUN Piuthan.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ILAR Eielson Array, and TORO Torodi Arr.

IDC 17 15:23:58.5:6.0,4.49S,153.72E,h109km,39km,mb3.3/4, mbtmp3.8/5, Error ellipse: s-maj=63.2km s-min=23.1km az=99.0

ISC 17 15:23:57.2:1.5,4.55S,153.8E,0.2,h100km,n7, 015/9,mb3.3/4,New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes station KRVT Keravat.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, and MKAR Makanchi Array.

IDC 17 15:26:21.4:4.0,12.15S,167.54E,h0km,mb3.9/6, mbtmp3.9/6, Error ellipse: s-maj=132.3km s-min=34.6km az=135.0

ISC 17 15:26:27.3:5.1,12.55S,167.55E,0.6,h35km,n6, 0599/6,mb3.8/6,Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, CMAR Chiang Mai Arr, SONM Songino Array, and ILAR Eielson Array.

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

ISC-EH 17 15:29:44.8:0.5,78S,154.01E,h15km, Error ellipse: s-maj=3.5km s-min=2.5km az=123.0

MOS 17 15:29:46.8:1.1,5.72S,153.87E,h37km,mb5.3/31, Error ellipse: s-maj=9.3km s-min=6.6km az=94.6

NEIC 17 15:29:47.1:1.9,5.79S,153.96E,0.07,h34km,4km, mb5.2/62, Error ellipse: s-maj=12.0km s-min=8.2km az=135.0

BUI 17 15:29:47.2:0.0,5.07S,154.29E,h19km,mb5.1/65, mb5.4/27,MS4.9/14,MS7.4/8/15

DJA 17 15:29:48.0:4.6,6.3S,153.15E,h55km,4km,MS.2/60, mb5.6/24,mb5.2/60,MLV.6/4,MW(MB)5.1/24

IDC 17 15:29:49.4:1.2,5.79S,153.96E,h50km,10km,mb4.7/33, mbtmp4.9/36,ML3.9/3,MS4.9, Error ellipse: s-maj=11.2km s-min=8.1km az=60.0

ISC 17 15:29:49.1:0.4,5.85S,153.95E,0.04,h45km,3km, h44km;P-P,n497,0.128/511,165.2/113,MS4.6/9, 21C-11D,New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, KRVT Keravat, HNR Honiara, and MANU Manus Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, COEN Coen, PATS Pohnpai, and PATS Pohnpai.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GENI Geniem, GENI Geniem, TVIH Townsville Arr, and MTSU Mount Surprise.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, and PATS Pohnpai.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RKH Rockhampton Ha, GDIS Gladstone Soft, EIDS Eidsvold, and EIDS Eidsvold.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, and RKH Rockhampton Ha.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GDIS Gladstone Soft, EIDS Eidsvold, EIDS Eidsvold, and DZM Mont Dzumac.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, RKPPI Ransiki, QIS Mount Isa, and QIS Mount Isa.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like QIS Mount Isa, QIS Mount Isa, QIS Mount Isa, and QIS Mount Isa.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, AUWSH Wavell State H, FAKI Fak Fak, and FAKI Fak Fak.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FAKI Fak Fak, GC1S Gold Coast 1 S, KDU Kakadu, and SAUI Saumlaki.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, QLP Quilpie, QLP Quilpie, and SIJI Sorong.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, and WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WB1 Warramunga Arr, AULRC Lightning Ridge, and ARMA Armidale.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARMA Armidale, ARMA Armidale, ARMA Armidale, and ARMA Armidale.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARMA Armidale, INKA Innaminka, AUPHS Phipps Bay Scho, and AS01 Alice Springs.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AS01 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, and ASAR Alice Springs.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAA Cobar Meteorol, AUDCS Dubbo Celeol, NLAI Namlea, and NLAI Namlea.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H113 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, and H113 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H113 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, and H113 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H113 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, and H113 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H113 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, and H113 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H113 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, and H113 WAKE ISLAND Hy.

17x15h

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

2016 DEC

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

1234

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KDAK, WMQ, P19K, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SCRC Sand Creek, G24K Hadwenzic Riv, E23K Chandalar, etc.

Table with columns: ELK, Elko, 94.39 50 P, P, 15 43 04.6 -0.1, etc. Includes stations like YKA Yellowknife Ar, YKA comp=2.2, 3nm, 0.9s, ELIB Princess Elisa, etc.

Table with columns: az=98.0, ISC 17 15:39:11.2, 0.7, 4.57S, 153.83E, 0.09, h100km, n50, etc. Includes stations like RABL Rabaul, RABL Rabaul, KRVT Keravat, etc.

IDC 17 15:30:59.3, 2.2, 6.35S, 154.57E, h0km, mb4.5/7, mbmp4.5/7, M55.1/3, Error ellipse: s-maj=81.1km s-min=44.7km az=14.0
ISC 17 15:31:05.2, 2.4, 6.25, 0.6, 154.6E, 0.3, h35km, n11, o=97R, mb4.4/7, Bougainville-Solomon Islands region

UPP 17 15:41:20.4, 0.1, 5.8, 82N, 155.11E, h0km, ML2.0, Explosion HEL 17 15:41:21.3, 0.1, 5.8, 81N, 155.09E, h0km, ML2.0, ML2.0(UPP), Explosion
DNK 17 15:41:21.5, 2.5, 5.8, 87N, 155.11E, h0km, ML1.9, Explosion
IDC 17 15:41:23.7, 1.8, 5.8, 88N, 155.16E, h0km, s-min=7.9km az=1.0, Error ellipse: s-maj=18.6km s-min=7.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DANN Dangsing, PYUN Piuthan, MKAR R Makani Array, etc.

NEIC 17 16:03:41.0t.1.7.4.9S:0.1x154.1E:0.1, h92km, 10km, mb4.6/16, Error ellipse: s-maj=22.7km s-min=8.5km az=50.0

IDC 17 16:03:44.5t.4.8.4.6BS:153.68E, h113km, 32km, mb3.6/8, mbmp4.1/9, Error ellipse: s-maj=52.9km s-min=22.0km az=100.0

ISC 17 16:03:42.0t.0.8.4.83S:0.09:153.8E:0.1, h105km, n30, s152/31, mb4.1/14, New Ireland region

Main table for the first section, listing station codes (RABL, KRVT, PMG, etc.) and their respective parameters.

NEIC 17 16:04:17.4t.2.5.6.79S:0.09:154.5E:0.1, h12km, 5km, mb4.7/29, Error ellipse: s-maj=16.9km s-min=12.8km az=80.0

ISC-EH 17 16:04:18.0t.6.33S:154.43E, h15km, Error ellipse: s-maj=12.2km s-min=7.1km az=83.0

IDC 17 16:04:24.1t.1.8.6.35S:154.43E, h60km, 15km, mb4.1/27, mbmp4.4/31, Error ellipse: s-maj=14.8km s-min=11.1km az=87.0

DJA 17 16:04:28.2t.0.5.6.5t.4x15.4E, h89km, 6km, M4.8/13, mb4.7/13, mB5.36, MLV5.03, Mw(mB)4.76, H4Mwp6.3/1, Mwp6.3/1

ISC 17 16:04:22.6t.0.4.6.46S:0.05:154.45E:0.06, h48km, n103, s157/103, mb4.6/51, 2C-2D, Bougainville-Solomon islands region

Main table for the second section, listing station codes (RABL, KRVT, HNR, etc.) and their respective parameters.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, USA0B Ussuriysk Arra, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, CMAR Chiang Mai Arr, PZH PanZhihua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GYA Gaotai, ULN Ulaanbaatar, SONM Songino Array, etc.

Main table for the third section, listing station codes (TAPN, ODAN, RAM, etc.) and their respective parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSH Kashi, KURBB Kurchatov Arra, NRIK Norik'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, ELIB Princess Elisa, YKA Yellowknife Pt, etc.

ISC-EH 17 16:12:11.6t.15.17N:93.53W, h74km, 1km, Error ellipse: s-maj=4.2km s-min=1.9km az=51.0

IDC 17 16:12:11.9t.0.4.15.31N:93.28W, h68km, 3km, mb4.2/28, mbmp4.5/30, MS4.0/4, Error ellipse: s-maj=19.9km s-min=5.9km az=54.0

NEIC 17 16:12:11.2t.2.6.15.12N:0.05:93.54W:0.05, h65km, 5km, mb5.0/97, MD5.1/69(MEX), Error ellipse: s-maj=8.4km s-min=6.1km az=21.0

GCG 17 16:12:12.7t.1.1.15.22N:93.48W, h74km, MD5.0 MEX 17 16:12:12.0t.0.6.15.06N:93.57W, h50km, 15km, MD5.1 SNET 17 16:12:12.0t.1.8.15.32N:93.16W, h106km, 6km, ML5.5

ISC 17 16:12:11.2t.0.3.15.12N:0.03:93.53W:0.03, h70km, 2km, h70km: pP-P. n657, s1976741, mb4.9/69, 5C-15D, Near coast of Chiapas

Main table for the fourth section, listing station codes (PCIG, THIG, PATR, etc.) and their respective parameters.

Main table for the fifth section, listing station codes (CMIG, HUIG, PANG, etc.) and their respective parameters.

17d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LVIG, TLIG, LCND, TGUH, DAIG, etc.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like WHTX, VBMS, VBMS, Z50A, etc.

1238

Table with columns for station name, frequency, power, and other technical details. Includes stations like PAMC, BG3, MGMO, JSC, RUSC, etc.

1239

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EROS Data Cent, Casper, Manual Prospec, etc.

2016 DEC

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Serra Nova Dou, Ponte de Pedra, KOTAN, etc.

17d 16h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Tolsona, Glenn, Sand Creek, etc.

17d 16h

Table with columns: Code, Station Name, Az, El, P, S, Time, Az, El, P, S, Time. Includes stations like TOLK Toolik Lake Re, P16K Nushagak River, TTA Talatina, etc.

ISC-EH 17 16:13:53.3, 5:36Sx153:69E, h15km, Error ellipse: s-maj=5.5km s-min=3.1km az=65.0
MOS 17 16:13:56.0, 0.9, 5:30S; 153:61E, h42km, mb5.1/19, Error ellipse: s-maj=10.5km s-min=7.1km az=106.2

Table with columns: Code, Station Name, Az, El, P, S, Time, Az, El, P, S, Time. Includes stations like RABL Rabaul, KRVT Keravat, etc.

2016 DEC

Main table with columns: Code, Station Name, Az, El, P, S, Time, Az, El, P, S, Time. Includes stations like PMG Port Moresby, HNR Honiara, PATS Pohnphei, etc.

1240

Table with columns: Code, Station Name, Az, El, P, S, Time, Az, El, P, S, Time. Includes stations like XAN Xian, XAN Xian, XAN Xian, etc.

17d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station details like TAPN, ODAN, RAMN, etc.

NEIC 17 16:39:08.2±1.7, 6.4S±0.1, 154.73E±0.09, h10km±1km, mb4.5/19, Error ellipse: s-maj=19.7km s-min=11.6km az=33.0

DJA 17 16:39:14.1±0.7, 6.8S±1.5, 154.73E±0.09, h91km±9km, M4.5/10, mb5.1/6, mb4.3/10, MLV4.6/2, Mw(m)4.5/6

ISC 17 16:39:16.2±1.6, 6.13S±1.54, 154.63E±0.07, h61km±6km, mb3.9/12, mbmp4.3/16, Error ellipse: s-maj=15.5km s-min=10.7km az=47.4

ISC 17 16:39:15.1±0.6, 6.05S±0.07, 154.68E±0.07, h61km±6km, mb3.9/12, mbmp4.3/16, Error ellipse: s-maj=15.5km s-min=10.7km az=47.4

Main table of station data for the 17d 16h period, including codes like RABL, KRVT, HNR, etc., and station names like Rabaul, Keravat, Honiara, etc.

2016 DEC

TORD Torodi Ar. Bea 152.47 287 PKPbc PKPdf 16 59 03.9+5.2 comp=Z:1.2nm,0.8s,baz=64,slow=1.1,SNR=4.8

IDC 17 16:43:26.3±4.3, 5.98S±1.53, 163.63E±0.08, h74km±32km, mb3.5/7, mbmp3.9/10, MS4.2/1, Error ellipse: s-maj=40.9km s-min=14.6km az=99.0

ISC 17 16:43:21.4±1.0, 6.02S±0.08, 154.0E±0.1, h35km±12, 1527/13, mb3.7/7, New Britain region

Table of station data for the 2016 DEC period, including codes like KRVT, KRVT, PMG, etc., and station names like Keravat, Moresby, etc.

NEIC 17 16:45:55.0±2.3, 6.12S±0.09, 154.45E±0.09, h18km±5km, mb4.7/23, Error ellipse: s-maj=14.5km s-min=9.9km az=24.0

IDC 17 16:45:59.5±1.6, 6.13S±1.54, 154.46E±0.08, h46km±14km, mb4.0/17, mbmp4.3/21, ML3.5/4, MS4.0/4, Error ellipse: s-maj=16.4km s-min=13.4km az=106.0

ISC-EH 17 16:46:00.5±6.1, 11S±15.4, 154.43E±0.06, h61km±7km, mb4.7/23, mb4.5/30, Bougainville-Solomon Islands region

ISC 17 16:46:00.6±0.4, 6.08S±0.06, 154.36E±0.06, h61km±7km, mb4.7/23, mb4.5/30, Bougainville-Solomon Islands region

Main table of station data for the 2016 DEC period, including codes like RABL, KRVT, HNR, etc., and station names like Rabaul, Keravat, Honiara, etc.

1242

comp=Z:5.5nm,0.7s,baz=131,slow=2.4,SNR=2.7 comp=Z:5.5nm,0.7s

JNU Nakatsue 44.91 332 P Iamb Iamb 16 54 08.2 -1.3 16 54 49.1

KRSR Korea Array 49.84 332 P 16 54 48.4 +0.7 comp=Z:1.3nm,0.6s,baz=144,slow=7.8,SNR=3.3

USA0B Usuriysk Arr 53.96 340 P Iamb Iamb 16 55 18.3 +0.1 16 55 28.3

USRK Usuriysk Arr 53.96 340 P 16 55 19.4 +1.2 comp=Z:0.9nm,0.4s,baz=151,slow=5.1,SNR=6.1

USRK KULIM 54.80 281 P Iamb Iamb 16 55 18.4 +0.2 16 55 26.0

PETK Petropavlovsk 59.03 2 P 16 55 56.1 +2.0 comp=Z:4.6nm,1.0s,baz=162,slow=8.4,SNR=1.1

CMAR Chiang Mai Arr 59.83 295 P 16 56 02.8 +2.5 comp=Z:1.2nm,0.3s,baz=128,slow=5.4,SNR=6.9

SHEM Shemya Is. Ala 60.94 14 P 16 56 09.4 +2.3 comp=Z:2.4nm,0.8s,baz=146,slow=4.8,SNR=16

SONM Songino Array 68.23 327 P Iamb P 16 56 54.6 -0.4 16 57 01.2

ODAN Odare 72.53 300 eP 16 57 23.4 +1.6 comp=Z:3.6nm,0.6s

RAMN Ramite 73.23 300 eP 16 57 27.5 +1.5 comp=Z:1.1nm,0.5s

JURN Gumba 74.11 301 eP 16 57 32.0 +1.0 comp=Z:2.9nm,0.8s

PKNI Pulchoki 74.42 301 eP 16 57 34.2 +1.0

PKIN Pulchoki 74.43 301 eP 16 57 34.3 +1.3 comp=Z:1.1nm,0.6s

KKN Kakan 74.59 301 eP 16 57 35.3 +1.4

DMN Daman 74.59 301 eP 16 57 35.9 +1.4 comp=Z:2.9nm,0.6s

KOLN Koldanda 76.02 300 eP 16 57 42.9 +0.8 comp=Z:3.2nm,0.7s

DANN Danging 76.03 301 eP 16 57 42.9 +0.7 comp=Z:2.0nm,0.6s

PYTH Piutha 76.62 301 eP 16 57 46.2 +0.7 comp=Z:3.4nm,0.8s

MKAR Makanchi Arr 76.23 319 P 16 58 16.2 +0.5 comp=Z:1.4nm,0.8s,baz=99,slow=6.9,SNR=6.9

MCARA McCarty VSAT 82.65 26 P 16 58 15.0 -2.2

ILAR Eielson Array 82.76 22 P 16 58 16.9 -0.7 comp=Z:1.8nm,0.8s,baz=125,slow=4.0,SNR=16

ILAR Eielson Array 82.76 22 P 16 58 17.3 -0.4 comp=Z:0.9nm,0.5s,baz=123,slow=6.6,SNR=5.2

ZALV Zalesovo Beam 83.07 326 P 16 58 19.7 -0.2 comp=Z:2.0nm,0.9s

J2SK Salcha River 83.24 22 P Iamb Iamb 16 58 20.2 -0.1 16 58 24.5

J2SK South Pole Qui 83.89 180 P 16 58 24.4 +0.7 comp=Z:2.4nm,0.9s

QSPA South Pole Qui 83.89 180 P 16 58 23.0 0.0 comp=Z:1.2nm,1.4s

BCAR Bear Creek A 83.92 24 P 16 58 23.7 -0.1

NVAR Mina Array Bea 91.65 52 P 16 59 02.8 +1.1 comp=Z:2.5nm,0.9s,baz=258,slow=4.5,SNR=8.7

YKA Yellowknife Arr 95.83 28 P 16 59 20.2 +0.1 comp=Z:0.2nm,0.7s,baz=266,slow=5.9,SNR=2.3

PDAR Pinedale Array 98.56 48 P 16 59 33.0 -0.2 comp=Z:0.4nm,0.7s,baz=243,slow=4.0,SNR=3.4

TORD Torodi Ar. Bea 152.17 287 PKPbc PKPbc 17 05 50.2 -0.2 comp=Z:1.1nm,0.5s,baz=64,slow=1.1,SNR=4.8

IDC 17 16:51:30.6±0.8, 4.72S±7.5, 163.32W±0.08, h0km±0, mb4.3/10, mbmp4.3/13, ML3.8/3, Error ellipse: s-maj=29.9km s-min=14.8km az=92.0

NEIC 17 16:51:31.3±2.7, 4.72S±7.5, 163.32W±0.08, h10km±1km, mb4.7/4, Error ellipse: s-maj=27.0km s-min=8.4km az=273.0

ISC 17 16:51:31.7±0.6, 4.72S±7.5, 163.32W±0.08, h10km±1km, mb4.7/4, Error ellipse: s-maj=27.0km s-min=8.4km az=273.0

Main table of station data for the 1242 period, including codes like AY02, COYC, etc., and station names like Valle Explorad, Coyhaique, etc.

17d 17h

Table with columns: Station Name, Frequency, Azimuth, Elevation, SNR, and other parameters. Includes stations like DZM, QIS, RMQ, WRA, etc.

2016 DEC

Table with columns: Station Name, Frequency, Azimuth, Elevation, SNR, and other parameters. Includes stations like JHS, KSR, KSAR, etc.

1244

Table with columns: Station Name, Frequency, Azimuth, Elevation, SNR, and other parameters. Includes stations like GOMU, VVND, WNDV, etc.

Code	Station Name	A°	AZ°	Phase	ID	Time	Res	ISC
				Op	Ph	h	m	s
CTA	Charters Tower	15.61	206	P	ISC	17 45	48.6	+0.3
CTAO	Charters Tower	15.61	206	P		17 45	48.7	+0.4
CTAO	Charters Tower	15.61	206	P	Iamb	17 45	52.0	
KOUNC	Koumang, New Ca	17.82	145	P	P	17 46	13.1	+0.3
KOUNC	Koumang, New Ca	17.82	145	P	Iamb	17 46	40.7	
EIDS	Eidsvold	19.34	187	P	P	17 46	29.4	-0.1
WR0	Warramunga Arr	23.01	231	P	P	17 47	06.5	-2.5
WR0	Warramunga Arr	23.01	231	P	Iamb	17 47	28.5	
WRA	Warramunga Arr	23.15	232	P	P	17 47	09.8	-0.7
AS31	Alice Springs	25.70	225	P	P	17 47	33.1	-1.1
ASAR	Alice Springs	25.71	225	P	P	17 47	35.6	+1.4
ASAR	Alice Springs	25.71	225	P	Iamb	17 47	35.6	+1.4
ASAR	Alice Springs	25.71	225	P	P	17 47	34.0	-0.2
STKA	Stephens Creek	27.98	202	P	P	17 47	54.8	+0.2
STKA	Stephens Creek	27.98	202	P	Iamb	17 47	54.8	+0.2
STKA	Stephens Creek	27.98	202	P	P	17 47	55.0	+0.4
FITZ	Fitzroy Crossi	29.67	242	P	P	17 48	09.3	-0.4
NIUE	Niue	37.89	113	P	P	17 49	20.7	-0.5
MORW	Morawa	42.10	233	P	Iamb	17 49	42	+0.2
MORW	Morawa	42.10	233	P	Iamb	17 50	20.9	
KULM	Kulim	53.93	281	P	P	17 51	27.2	-0.5
SOMN	Songino Array	67.74	328	P	P	17 53	01.5	+0.6
SOMN	Songino Array	67.74	328	P	Iamb	17 53	10.9	
P19K	Oil Pt	77.79	25	P	P	17 53	58.6	-1.9
N19K	Bonanza Creek	77.97	23	P	Iamb	17 53	59.9	-1.8
N19K	Bonanza Creek	77.97	23	P	Iamb	17 54	15.4	
MKAR	Makanchi Array	81.71	319	P	P	17 54	22.8	+0.7
MKAR	Makanchi Array	81.71	319	P	P	17 54	22.3	+0.2
MAKZ	Makanchi	81.92	319	P	Iamb	17 54	23.3	+0.1
MAKZ	Makanchi	81.92	319	P	Iamb	17 54	24.3	
ZALV	Zalesovo Beam	82.56	326	P	P	17 54	25.6	-0.8
ZALV	Zalesovo Beam	82.56	326	P	Iamb	17 54	25.6	-0.8
MCARA	McCarthy VSAT	83.01	26	P	P	17 54	29.3	+0.8
ILAR	Eielson Array	83.07	22	P	P	17 54	30.2	+1.4
ILAR	Eielson Array	83.07	22	P	Iamb	17 54	28.9	+0.1
H24K	Noodor Dome	83.26	21	P	P	17 54	32.7	+2.9
GSPA	South Pole Qui	83.91	180	P	P	17 54	33.3	0.0
GSPA	South Pole Qui	83.91	180	P	Iamb	17 54	34.1	
GERES	GERES Array B	125.47	328	PKP	PKP	18 01	04.9	+0.1
TORD	Tordi Ar. Bea	151.32	286	PKPbc	PKPbc	18 01	57.6	-0.5
TORD	Tordi Ar. Bea	151.32	286	PKPbc	PKPbc	18 01	57.6	-0.5

NEIC 17 17:45:32.3.1.3.4.7S:0.1; 153.85E:0.08; h122km,9km, mb4.3/21, Error ellipse: s-maj=16.0km s-min=11.6km az=198.0
 IDC 17 17:45:33.0.3.4.4.8OS: 153.79E; h119km,24km, mb3.7/9, mbmp4.1/10, MS4.4/2, Error ellipse: s-maj=37.8km s-min=16.3km az=100.0
 ISC 17 17:45:30.3.0.6.4.7S:0.07; 153.92E:0.08; h100km, n50, a=158/49, mb4.1/18, New Ireland region

Code	Station Name	A°	AZ°	Phase	ID	Time	Res	ISC
				Op	Ph	h	m	s
RABL	Rabaul	1.84	287	P	Pn	17 46	04.8	+4.0
KRVT	Karavat (AS076)	1.94	283	P	Pn	17 46	04.0	+1.9
KRVT	Karavat (AS076)	1.94	283	P	S	17 46	28.1	+1.7
HNR	Honiara	7.58	128	Pn	Pn	17 47	21.4	+3.3
PMG	Port Moresby	8.15	235	Pn	Pn	17 47	28.6	+2.7
PMG	Port Moresby	8.15	235	Pn	Pn	17 47	28.9	+3.0
COEN	Coen	14.00	228	P	P	17 48	47.3	-1.7
CTAO	Charters Tower	16.98	205	P	P	17 49	22.3	+0.3
KWAJ	Kwajalein Atol	19.17	45	P	P	17 49	41.5	-4.6
EIDS	Eidsvold	20.69	187	P	P	17 50	01.8	-0.6
EIDS	Eidsvold	20.69	187	P	Iamb	17 50	32.0	
MTN	Manton Dam	23.90	249	P	P	17 50	34.1	-0.9
MTN	Manton Dam	23.90	249	P	Iamb	17 50	37.3	
WR0	Warramunga Arr	24.18	230	P	Iamb	17 50	36.8	-0.7
WR0	Warramunga Arr	24.18	230	P	Iamb	17 50	38.2	
WB0	Warramunga Arr	24.18	230	P	P	17 50	36.6	-1.0
WB0	Warramunga Arr	24.18	230	P	Iamb	17 50	38.2	
WRAB	Tennant Creek	24.31	230	P	P	17 50	37.9	-0.8
WRAB	Tennant Creek	24.31	230	P	Iamb	17 50	39.1	
WB2	Warramunga Arr	24.32	230	P	P	17 50	38.3	-0.5
WB2	Warramunga Arr	24.32	230	P	Iamb	17 50	39.2	
WRA	Warramunga Arr	24.33	230	P	P	17 50	38.6	-0.3
WRA	Warramunga Arr	24.33	230	P	Iamb	17 50	38.6	-0.3
ARMA	Armidade	25.63	185	P	P	17 50	50.1	-0.6
ARMA	Armidade	25.63	185	P	Iamb	17 51	05.2	
AS31	Alice Springs	26.95	224	P	P	17 51	01.6	-1.0
AS31	Alice Springs	26.95	224	P	Iamb	17 51	02.4	
ASAR	Alice Springs	26.95	224	P	P	17 51	01.7	-0.9
ASAR	Alice Springs	26.95	224	P	Iamb	17 51	01.7	-0.9
ASAR	Alice Springs	26.95	224	P	P	17 51	01.1	-1.5
KNRA	Kununurra	27.00	244	P	P	17 51	02.4	-0.7
KNRA	Kununurra	27.00	244	P	Iamb	17 51	05.3	
STKA	Stephens Creek	29.36	202	P	P	17 51	24.7	+0.8
STKA	Stephens Creek	29.36	202	P	Iamb	17 51	24.7	+0.8
STKA	Stephens Creek	29.36	202	P	P	17 51	22.8	-1.2
FITZ	Fitzroy Crossi	30.67	242	P	P	17 51	34.1	-1.6
FOR	Forrest	35.55	220	P	P	17 52	16.5	-1.4
PSA00	Pilbara Seismi	37.02	240	P	P	17 52	29.1	-1.5
URZ	Urewera	39.48	151	LR	LR	18 07	46.4	
TPUB	Ta-pu	42.81	312	P	P	17 53	17.7	-2.9
MORW	Morawa	42.83	232	P	P	17 53	20.5	-1.5
KULM	Kulim	53.93	281	P	P	17 53	28.5	-1.1
PETK	Petrovlovsk	57.73	3	P	P	17 55	11.8	+1.4
CMAR	Chiang Mai Arr	58.87	295	P	P	17 55	19.4	+0.3
CMAR	Chiang Mai Arr	58.87	295	P	Iamb	17 55	19.4	+0.3
SOMN	Songino Array	66.88	327	P	P	17 56	13.2	+1.3
SOMN	Songino Array	66.88	327	P	Iamb	17 56	13.2	+1.3
SONM	Songino Array	66.88	327	P	P	17 56	12.8	+0.9
TAPN	Taplejung	71.34	301	eP	P	17 56	41.1	+1.0
ODAN	Odare	71.48	300	eP	P	17 56	41.7	+0.8
RAMN	Ramite	72.19	300	eP	P	17 56	45.7	+0.6
JIRN	Jiri	72.72	301	eP	P	17 56	49.3	+0.9
GUN	Gumba	73.05	301	eP	P	17 56	51.2	+0.9
BILL	Bilibino	73.14	5	P	P	17 56	50.3	+0.7
BILL	Bilibino	73.14	5	P	Iamb	17 57	20.7	
PKI	Pulchok	73.37	300	eP	P	17 56	52.6	+0.4
PKI	Pulchok	73.37	300	eP	Iamb	17 56	52.6	+0.4
DMN	Daman	73.64	300	eP	P	17 56	54.5	+0.8
KOLN	Koldanda	74.97	301	eP	P	17 57	02.2	+0.8
DANN	Dangsing	74.97	301	eP	P	17 57	01.6	+0.1

Code	Station Name	A°	AZ°	Phase	ID	Time	Res	ISC
				Op	Ph	h	m	s
PYUN	Piuthan	75.58	300	eP	P	17 57	05.0	+0.2
MKAR	Makanchi Array	81.02	319	P	P	17 57	34.9	+0.7
ILAR	Eielson Array	81.99	22	P	P	17 57	38.0	+0.7
ZALV	Zalesovo Beam	81.73	326	P	P	17 57	37.6	-0.1
GEYT	Alibek	97.17	207	LR	LR	18 45	47.6	
TORD	Tordi Ar. Bea	151.35	289	PKPbc	PKPbc	18 05	12.5	-0.9
TORD	Tordi Ar. Bea	151.35	289	PKPbc	PKPbc	18 05	12.5	-0.9

NEIC 17 17:46:35.8.1.7.6.18S:0.07; 153.98E:0.07; h10km, 1km, mb5.1/104, Error ellipse: s-maj=12.7km s-min=9.6km az=221.0
 ISC-EH 17 17:46:37.0.6.20S: 153.82E; h15km, Error ellipse: s-maj=4.8km s-min=4.5km az=123.0
 MOS 17 17:46:38.8.1.0.5.97S: 153.70E; h32km, mb5.1/33, Error ellipse: s-maj=9.9km s-min=7.0km az=104.6
 BUJ 17 17:46:41.2.0.0.5.89S: 154.18E; h62km, mb5.1/62, mb5.3/34, MS4.9/31, MS7.4/29
 IDC 17 17:46:41.3.2.1.6.13S: 153.91E; h48km, 18km, mb4.4/23, mbmp4.6/26, ML3.9/4, MS4.5/22, Error ellipse: s-maj=18.5km s-min=10.1km az=85.0
 DJA 17 17:46:43.4.0.5.6.3S: 15.4E; h65km, 5km, M5.0/36, mb5.4/11, mb5.0/36, ML5.5/4, MW(mb)4.8/1
 ISC 17 17:46:39.6.0.4.6.17S: 0.04; 153.97E: 0.05; h38km, 1km, a=93/5, r161/368, mb5.0/121, MS4.6/35, 14C-14B, New Britain region

Code	Station Name	A°	AZ°	Phase	ID	Time	Res	ISC
				Op	Ph	h	m	s
RABL	Rabaul	2.66	317	Pn	Pn	17 47	19.9	-0.1
RABL	Rabaul	2.66	317	Pn	Pn	17 47	30.9	+1.1
KRVT	Karavat (AS076)	2.68	314	P	P	17 47	20.8	+0.6
KRVT	Karavat (AS076)	2.68	314	S	S	17 47	51.9	+0.5
KRVT	Karavat (AS076)	2.68	314	S	LR	17 48	37.2	
HNR	Honiara	6.75	119	Pn	Pn	17 48	22.2	+6.0
HNR	Honiara	6.75	119	Pn	Pn	17 48	15.1	-1.1
HNR	Honiara	6.75	119	Pn	Pn	17 48	20.3	+6.8
HNR	Honiara	6.75	119	Pn	Pn	17 48	15.1	-1.1
PMG	Port Moresby	7.48	244	P	P	17 48	28.4	+2.3
PMG	Port Moresby	7.48	244	P	S	17 49	52.0	+2.2
PMG	Port Moresby	7.48	244	P	Pn	17 48	26.9	+0.7
PMG	Port Moresby	7.48	244	P	Pn	17 48	29.9	+0.7
MANU	Manus Island	7.76	302	P	P	17 48	38.9	+8.8
MANU	Manus Island	7.76	302	P	P	17 49	43.0	-0.9

17d 18h

mb4.5/24, Error ellipse: s-maj=17.8km s-min=13.4km
az=204.0
ISC-EH 17:17:59-48.9, 4.795s:153.69E, h118km, 10km, Error ellipse:
s-maj=9.7km s-min=5.9km az=120.0
ISC 17:17:59-39.0, 0.7, 4.61S:0.09:153.7E:0.1, h100km, n41,
a=128/40, mb4.2/18, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Rabaul, Keravat, Port Moresby, etc.

ISC 17:17:59-47.2, 3.0, 4.74S:153.80E, h102km, 22km, mb4.0/11,
mbtm4.4/13, Error ellipse: s-maj=29.1km s-min=13.9km
az=98.0
NEIC 17:17:59-49.2, 1.2, 4.7S:0.1:153.67E:0.09, h115km, 7km,
mb4.5/49, Error ellipse: s-maj=15.7km s-min=12.2km
az=213.0
ISC 17:17:59-46.9, 0.7, 4.77S:0.06:153.78E:0.10, h100km, n100,
a=150/97, mb4.4/37, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Rabaul, Keravat, Port Moresby, etc.

2016 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like H11S3 WAKE ISLAND HY, H11S2 WAKE ISLAND HY, etc.

ISC 17:18:00:05.5:2.1, 4.56S:153.75E, h0km, mb4.1/4,
mbtm4.1/4, Error ellipse: s-maj=99.0km s-min=28.6km
az=123.0, New Ireland region

1250

3.7mm, 0.7s, baz=54, slow=10, SNR=10
ASAR Alice Springs 26.97 223 P P 18 05 49.5 +0.3
MKAR Makanchi Array 80.77 319 P P 18 12 21.6 +0.5
ILAR Eielson Array 81.58 22 P P 18 12 23.7 -1.3
TORD Torodi Ar. Bea 151.28 389 PKPbc PKIKP 18 20 02.7 +0.3

ISC-EH 17:18:02:21.2, 6.00S:153.73E, h15km, Error ellipse:
s-maj=6.6km s-min=4.6km az=75.0
NEIC 17:18:02:23.0, 2.3, 6.01S:0.06:153.66E:0.07, h24km, 5km,
mb5.0/79, Error ellipse: s-maj=12.2km s-min=5.2km
az=7.0

Bull 17:18:02:24.8, 0.0, 5.55S:154.15E, h49km, mb4.8/52,
mb5.2/22, Ms4.6/5, Ms7.4/4.5,
DJA 17:18:02:28.0, 0.5, 6.34S:157.4E, h57km, 6km, M5.1/18,
MSB:6.7, MS4:9.18, MLV5:3, MWIMB5:1/7
IDC 17:18:02:29.6, 1.5, 6.02S:153.48E, h76km, 13km, mb4.2/20,
mbtm4.5/23, MS4.4/8, Error ellipse: s-maj=16.7km
s-min=9.4km az=72.0

ISC 17:18:02:24.0, 0.3, 5.98S:0.05:153.70E:0.06, h32km, n191,
a=157/184, mb5.0/71, MS4.4/7, 7C-2D, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Rabaul, Keravat, Port Moresby, etc.

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like H21K, MCK, MLY, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like MXZ, MZ, CNGZ, BHZ, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like SONM, ILAR, TORD, NEIC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like KURBB, TORD, IDC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like IDC, WAKE ISLAND, etc.

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

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

Table with columns: ENH, comp, I/Amb, I/Amb, 18 30 38.7, ENH, Enshi, 56.48 313, BJT, Bajiatuau, 58.13 326, XAN, X'ian, 58.94 316, KMI, Kunming, 59.28 304, PEAOB, Petropavlovsk, 59.31 2, PETK, Petropavlovsk, 59.31 2, CRAI, Chiangrai, 59.42 298, CMAR, Chiang Mai Arr, 60.09 295, CMAR, Chiang Mai Arr, 60.09 295, PZH, PanZhiHua, 60.67 305, PZH, 60.67 305, XLT, XiLinHaoTe, 60.89 329, XLT, 60.89 329, XLT, 60.89 329, XLT, 60.89 329, DRV, Dumont d'Urville, 61.02 187, CDY, Chengdu, 61.06 310, HEH, HeiHe, 61.09 304, HHC, Hu-hao-te, 61.32 324, TNCH, TengChong, 62.76 302, TNCH, 62.76 302, TNCH, 62.76 302, TNCH, 62.76 302, TNCH, 62.76 302, LZH, Lanzhou, 63.55 316, LZH, 63.55 316, LZH, 63.55 316, LZH, 63.55 316, GTA, Gaotai, 67.97 317, ULN, Ulaanbaatar, 68.23 328, SONM, Songino Array, 68.56 327, SONM, 68.56 327, SONM, 68.56 327, SONM, 68.56 327, LSA, Lhasa, 70.54 304, LSA, 70.54 304, LSA, 70.54 304, LSA, 70.54 304, VDA, Vanda, 71.21 178, VDA, 71.21 178, VDA, 71.21 178, VDA, 71.21 178, ODAN, Odare, 72.81 301, ODAN, 72.81 301, ODAN, 72.81 301, ODAN, 72.81 301, JIRN, Jiri, 74.06 301, JIRN, 74.06 301, JIRN, 74.06 301, JIRN, 74.06 301, GUN, Gumba, 74.40 301, GUN, 74.40 301, GUN, 74.40 301, GUN, 74.40 301, BILL, Bilibino, 74.70 5 P, BILL, 74.70 5 P, BILL, 74.70 5 P, BILL, 74.70 5 P, PKI, Pulchoki, 74.71 301, PKIN, Pulchoki, 74.72 301, KKN, Kakani, 74.88 301, DMN, Daman, 74.97 301, OHAK, Old Harbor, 76.18 26 P, KOLN, Koldanda, 76.31 300 P, DANN, Dangsing, 76.32 301, ANM, None, 76.77 17 P, PYUN, Piuthan, 76.91 301, SVW2, Sparrevohn, 77.60 22 P, P19K, Oil Pt, 77.64 24 P, N19K, Bonanza Creek, 77.85 23 P, WMQ, Urumqi, 78.05 317, CNPM, China Poot, 78.39 25 P, L19K, White Mountain, 78.55 22 P, M19K, Big River Lodg, 78.55 22 P, TTA, Tatalina, 78.61 21 P, HYBB, Hyderabad (bro), 78.63 289, K20K, Telida, 79.57 21 P, P20K, Port Wells, 80.34 25 P, SML, Sawmill, 80.85 24 P, IMAR, Indian Moutai, 81.29 19 P, H21K, Melozitina, 81.40 19 P, MCK, McKinley, 81.66 22 P, MCK, 81.66 22 P, MLY, Manley, 81.74 21 P, I23K, Minty, Yukon-K, 82.28 21 P, GLB, Gilahina Butte, 82.53 25 P, MK31, Makanchi Array, 82.63 319 P, MKAR, Makanchi Array, 82.63 319 P, MKAR, Makanchi Array, 82.63 319 P, MKAR, Makanchi Array, 82.63 319 P, ILAR, Eielson Array, 82.97 22 P, ILAR, Eielson Array, 82.97 22 P, ZALV, Zalesovo Beam, 83.41 326 P, ZALV, Zalesovo Beam, 83.41 326 P, ZALV, Zalesovo Beam, 83.41 326 P, ZALV, Zalesovo Beam, 83.41 326 P, J25K, Salcha River, 83.45 22 P, L26K, Log Cabin Wild, 83.47 24 P, QSPA, South Pole Qui, 83.60 180 P, QSPA, 83.60 180 P, SCRK, Sand Creek, 83.67 23 P

Table with columns: SCRK, Edge Creek, 83.77 25, A21K, Barrow, 83.90 14, TOLK, Toolik Lake Re, 84.17 18, MAW, Mawson, 84.79 203, KSH, Kashi, 85.25 310, KURBB, Kurchatov Arra, 86.09 322 P, AAK, Ala-Archa, 86.99 313 P, NRK, Noril'sk, 88.00 341 P, NVAR, Mina Array Bea, 91.70 52 P, KVN, Kaiserville, 91.94 51 P, PRN, Pahroc Range, 94.16 53 P, SPR3, Spring Creek, 94.85 51 P, YKA, Yellowknife Arr, 96.01 28 P, PDAR, Pinedale Array, 96.63 48 P, BOSA, Goshok, 120.04 232 P, CLL, Collin, 125.05 332 P, GERES, GEARE Arra, 126.28 329 P, LPZA, Paz La, 132.16 19 P, BDFB, Brasilia, 148.75 135 P, TOR, Torodi Arr, 152.41 286 P, IDC 17:18:29:05.1, 6.1:61S; 154:70E, h0km, mb4, 1/11, mbmp4, 1/12, ML4, 3/1, Error ellipse: s-maj=31.2km s-min=19.9km az=116.0, NEIC 17:18:45:06.2, 0.1:6:35S; 08.154:27E:0.07, h10km, 1km, mb4, 7/29, Error ellipse: s-maj=13.8km s-min=11.2km az=213.0, ISC-EH 17:18:29:09.8, 6.41S; 154:28E, h15km, Error ellipse: s-maj=9.3km s-min=7.7km az=106.0, ISC 17:18:29:13.9, 6.34S; 0.07:154:28E:0.06, h48km, n54, 175S/44, mb4.4/24, Bougainville-Solomon Islands, Code Station Name, Az, AZZ, Phase ID, Time Res, h m s, ISC, RABL, Rabaul, 18 29 57.3, KRVT, Keravat (AS076), 18 29 59.3, KRVT, 18 29 59.3, HNR, Honiara, 18 30 47.0, HNR, 18 30 47.0, HNR, 18 30 47.0, HNR, 18 30 47.0, PMG, Port Moresby, 18 31 07.0, PMG, 18 31 07.0, PMG, 18 31 07.0, PMG, 18 31 07.0, CTA, Charters Tower, 18 32 55.0, CTA, 18 32 55.0, DZM, Mont Dzumac, 18 33 33.7, DZM, 18 33 33.7, DZM, 18 33 33.7, DZM, 18 33 33.7, SAU, Saumlaki, 18 34 10.7, WRO, Warramunga Arr, 18 34 18.6, WRO, 18 34 18.6, WRO, 18 34 18.6, WRO, 18 34 18.6, WRA, Warramunga Arr, 18 34 18.0, WRO, 18 34 18.0, WRAB, Tennant Creek, 18 34 19.4, WRAB, 18 34 19.4, WRAB, 18 34 19.4, WRAB, 18 34 19.4, WB2, Warramunga Arr, 18 34 19.8, WB2, 18 34 19.8, WB2, 18 34 19.8, WB2, 18 34 19.8, WRA, Warramunga Arr, 18 34 20.4, WRA, 18 34 20.4, WRA, 18 34 20.4, WRA, 18 34 20.4, ASAR, Alice Springs, 18 34 42.8, ASAR, 18 34 42.8, ASAR, 18 34 42.8, ASAR, 18 34 42.8, KNRA, Kunurra, 18 34 46.8, KNRA, 18 34 46.8, KNRA, 18 34 46.8, KNRA, 18 34 46.8, STKA, Stephens Creek, 18 34 58.8, FITZ, Fitzroy Crossi, 18 35 19.8, TRU, Tasmania Unive, 18 36 18.4, RTZ, Ruatahuna, 18 37 10.5, THZ, Tophouse, 18 36 35.8, BFZ, Birch Farm, 18 36 39.5, TPUB, Ta-pu, 18 37 17.1, KRSR, Korea Army, 18 38 06.1, CMAR, Chiang Mai Arr, 18 39 17.7, ULN, Ulanbaatar, 18 40 19.9, ULN, 18 40 19.9, ULN, 18 40 19.9, ULN, 18 40 19.9, SONM, Songino Array, 18 40 12.6, Q19K, Cape Douglas, 18 41 03.2, SVW2, Sparrevohn, 18 41 07.0, CNPM, China Poot, 18 41 11.1, CAST, Castle Rocks, 18 41 20.9, CAST, 18 41 20.9, CAST, 18 41 20.9, CAST, 18 41 20.9, PWL, Port Wells, 18 41 20.7, IMAR, Indian Moutai, 18 41 26.2, MCK, McKinley, 18 41 26.9, MCK, 18 41 26.9, MCK, 18 41 26.9, MCK, 18 41 26.9, MLR, Manley, 18 41 28.8, MKAR, Makanchi Array, 18 41 31.1, MKAR, 18 41 31.1, MKAR, 18 41 31.1, MKAR, 18 41 31.1, ILAR, Eielson Array, 18 41 30.6, ILAR, 18 41 30.6, ILAR, 18 41 30.6, ILAR, 18 41 30.6, J25K, Salcha River, 18 41 37.1, J25K, 18 41 37.1, J25K, 18 41 37.1, J25K, 18 41 37.1

Table with columns: QSPA, South Pole Qui, 83.63 180, M27K, Edge Creek, 83.84 25, BCAR, Beaver Creek A, 84.19 24, TOLK, Toolik Lake Re, 84.22 18, NVAR, Mina Array Bea, 91.87 52, PDAR, Pinedale Array, 98.79 48, TOR, Torodi Arr, 152.17 286, MOS 17:18:45:04.7, 0.9:29:15S; 61:11E, h10km, mb5.2/49, Error ellipse: s-maj=11.2km s-min=5.5km az=95.0, IDC 17:18:45:05.1, 0.4:29:16S; 61:15E, h0km, mb4.8/26, mbmp4, 9/27, ML4, 7/1, MS4, 3/29, Error ellipse: s-maj=13.3km s-min=12.1km az=10.0, NEIC 17:18:45:06.1, 1.9:29:21S; 0.09:61:1E:0:1, h10km, 1km, mb5, 1/94, Error ellipse: s-maj=17.0km s-min=14.3km az=292.0, ISC-EH 17:18:45:07.1, 29:18S; 61:09E, h15km, 1km, Error ellipse: s-maj=3.8km s-min=3.1km az=179.0, ISC 17:18:45:06.2, 0.3:29:18S; 0.06:61:05E:0.06, h10km, n593, 175S/47, mb5.1/165, MS4.3/31, 37C-26D, Southwest Indian Ridge, Code Station Name, Az, AZZ, Phase ID, Time Res, h m s, ISC, RER, Riviere de l'E, 9:31 AZZ, Op, ISC, 18 47 17.2, VOI, Voihotska, 14:76 286, Pn, Pn, 18 48 34.8, VOI, Voihotska, 14:76 296, Pn, Pn, 18 48 36.3, VOI, Voihotska, 14:76 296, eP, Pn, 18 48 34.8, ABPO, Ambohimanpon, 16:16 306, P, Pn, 18 48 52.0, ABPO, Ambohimanpon, 16:16 306, P, Pn, 18 48 52.0, OPO, Ambohioratoum, 16:48 307, Pn, Pn, 18 48 58.0, OPO, 16:48 307, OPO, 16:48 307, OPO, 16:48 307, H0BS1, Diego Garcia H, 23:97 29 T, T, 19 15 02.2, H0BS2, Diego Garcia H, 23:98 29 T, T, 19 15 03.1, H0BS3, Diego Garcia H, 23:99 29 T, T, 19 15 03.6, CNG, Changalane, 25:68 269 eP, P, 18 50 39.0, CNG, 25:68 269 eP, P, 18 50 39.6, POGA, Pongola, 25:88 267 eP, P, 18 50 39.6, POGA, 25:88 267 eP, P, 18 51 05.2, MMAL, MMAL, 26:59 270 eP, P, 18 50 45.6, MMAL, 26:59 270 eP, P, 18 50 48.1, NWAL, Newcastle, 27:39 265 eP, P, 18 50 50.9, NWAL, 27:39 265 eP, P, 18 50 55.0, KSTD, Kokstad, 27:51 259 eP, P, 18 50 55.0, MUSH, Musina, Limpop, 28:86 276 eP, P, 18 51 06.5, SNKL, Senekal, Frees, 29:14 264 eP, P, 18 51 06.6, SNKL, 29:14 264 eP, P, 18 51 12.4, SLR, Silverton, 29:23 269 eP, P, 18 51 09.8, SLR, 29:23 269 eP, P, 18 51 11.4, PRYS, Parys, 29:76 266 eP, P, 18 51 13.2, PRYS, 29:76 266 eP, P, 18 51 15.8, LEPH, Lephalale, Lim, 30:16 272 eP, P, 18 51 17.9, KSR, Koster, 30:41 268 eP, P, 18 51 19.0, BOSA, Boshof, 31:27 262 P, P, 18 51 26.7, BOSA, 31:27 262 P, P, 18 51 26.7, BOSA, 31:27 262 P, P, 18 51 24.9, BOSA, 31:27 262 P, P, 18 51 28.2, SWZ, Schweizer, 31:47 265 eP, P, 18 51 27.8, SWZ, 31:47 265 eP, P, 18 51 30.8, GRAF, Camdeboo Nat, 31:48 255 eP, P, 18 51 29.4, LSZ, Lusaka, 33:28 287 LR, LR, 19 03 06.3, LSZ, Lusaka, 33:28 287 P, P, 18 51 44.4, LSZ, 33:28 287 P, P, 18 51 44.1, LSZ, 33:28 287 P, P, 18 51 44.1, MERW, Merweville, 33:95 254 eP, P, 18 51 50.7, MERW, 33:95 254 eP, P, 18 52 00.4, FRAZ, Frasersburg, 34:12 255 eP, P, 18 51 51.0, FRAZ, 34:12 255 eP, P, 18 52 02.0, KIBK, Kibwezi, 34:52 316 P, P, 18 51 54.0, SUR, Sutherland, 34:58 254 P, P, 18 51 57.4, KIMBO, Kilima Mbo, 35:95 317 P, P, 18 52 08.0, KIMBO, 35:95 317 P, P, 18 52 08.0, KIMBO, 35:95 317 P, P, 18 52 08.0, KIMBO, 35:95 317 P, P, 18 52 08.0, ARMS, Ukamas, 36:15 262 eP, P, 18 52 08.7, ARMS, 36:15 262 eP, P, 18 52 12.1, KOMG, Komaggas, 37:76 258 eP, P, 18 52 25.8, MAW, Mawson, 38:47 199 P, P, 18 52 28.4, MAW, 38:47 199 P, P, 18 52 28.4, MNCI, Minicoy, 39:00 19 P, P, 18 52 31.7, MNCI, 39:00 19 P, P, 18 52 44.5, MBAR, Mbarara, 40:54 309 P, P, 18 52 47.7, MBAR, 40:54 309 P, P, 18 53 34.5, MBAR, 40:54 309 P, P, 18 52 44.7, MBAR, 40:54 309 P, P, 18 52 44.7, TSUM, Tsumeb, 40:67 274 P, P, 18 52 48.9, TSUM, 40:67 274 P, P, 18 52 48.9, TSUM, 40:67 274 P, P, 18 52 47.6, TSUM, 40:67 274 eP, P, 18 52 51.1, LSKM, Lodwar, 40:72 318 P, P, 18 52 47.8, PALK, Pallekele, 40:89 31 P, P, 18 52 48.8, PALK, 40:89 31 P, P, 18 52 48.8, PALK, 40:89 31 P, P, 18 52 48.8, PALK, 40:89 31 P, P, 18 52 48.8, PCHI, Pechi, 42:15 23 eP, P, 18 52 57.5, PCHI, 42:15 23 eS, S, 18 59 56.7, ATD, Arta Tunnel, 44:12 334 LR, LR, 19 08 57.4, ATD, 44:12 334 LR, LR, 19 08 57.4, ATD, 44:12 334 LR, LR, 19 08 57.4, ATD, 44:12 334 LR, LR, 19 08 57.4, H0W2, Cape Leeuwin H, 44:93 111 T, T, 19 40 57.9

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Table with columns for station name, frequency, power, and other technical details. Includes stations like WHN, TIRR, ZSN, AKTO, VAE, TPGR, etc.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like SONM, CONA, JAVC, ULN, MAUC, ABTA, MOA, etc.

17d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like G22K, COLD, UNV, F24K, H21K, E25K, G23K, H22K, J20K, I21K, F26K, G24K, E27K, H23K, G25K, MLY, S12K, C36M, INK, ILAR, DUNO, N58A, L29M, MCAR, ACON, M29M, YUK3, BARN, SSPA, BOAB, R58B, YUK8, YUK4, MESA, O28M, M31M, N30M, FARO, FARO, YUK6, N31M, N31M, WRGL, PINM, HYT, HYT, Q29M, MCWV, O30M, PNL, YKA, YKA, YKA, YKA, NHSC, M53A, P30M, WHY, Y57A, Y57A, BLD, BIRD, O53A, P33M, V55A, SKAG, KMSC, KMSC, P32M, P52A, U54A, Q52A, ACSO, R33M, GLMI, Q32M, V53A, TIGA, GOGA, TZTN, O42A, DLBC, S34M, P49A, O48B, R49A, R49A, T35M, WC1, WC1, WC1, WC1.

17d 18h

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res. Includes stations like FFC Flin Flon, EYMN Ely, BRAL Brewton, etc.

NEIC 17 18:45:33.3, 1.3, 4.64S, 0.09:153.78E:0.07, h1102km, 7km, mb4.6/43, Error ellipse: s-maj=14.3km s-min=9.4km az=203.0

ISC 17 18:45:34.4, 0.8, 4.60S:153.68E, h116km, 5km, mb4.0/12, mbmp4.4/14, Error ellipse: s-maj=13.6km s-min=10.9km az=156.0

ISC-EH 17 18:45:34.5, 4.65S:153.71E, h116km, 3km, Error ellipse: s-maj=7.1km s-min=3.5km az=122.0

ISC 17 18:45:32.0, 5.4, 6.2S:106.136E:0.06, h100km, n79, r151/83, mb4.5/38, 1C, New Ireland region

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

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Main table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res. Includes stations like CTA Charters Tower, CTAO Charters Tower, RKH Rockhampton, etc.

NEIC 17 18:47:20.6, 2.3, 3.1:35S:0.05:69.29W:0.07, h153km, 10km, Md4.2(SJA), Error ellipse: s-maj=8.9km s-min=7.3km az=111.0

SJA 17 18:47:21.7, 0.7, 3.1:37S:69.21W, h119km, 2km, ML4.1, MV4.0

GUC 17 18:47:22.7, 0.9, 3.1:33S:69.52W, h158km, 7km, ML4.1

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Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res. Includes stations like IDC 17 18:47:23.4, 1.4, 3.1:39S:69.04W, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like BO04 La Punta, MT01 Popeta, VA05 Santo Domingo, MRA MRA, BO01 Tunca, RFA RFA, AC04 Llanos de Chal, etc.

NEIC 17 18:48:55.9 1.4, 5.82S:0.05:154.02E:0.07, h33km, 21km, mb4, 1/12, Error ellipse: s-maj=10.9km s-min=-7.7km

IDC 17 18:48:57.1 8.2, 5.92S:153.87E, h33km, 56km, mb3.6/6, mbmp3.9/9, ML3.1/3, Error ellipse: s-maj=52.2km s-min=-23.9km az=108.0

ISC 17 18:48:56.8 0.6, 5.85S:153.96E:0.07, h48km, n30, o149/32, mb3.9/12, New Ireland region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, MTN Mantion Dam, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ILAR Eielson Array, TORD Torodi Ar. Bea, BUJ 17 18:49:28.1, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MEH Mehetia, EIDS Eidsvold, RMQ Roma, TAOE Nuku Hiva Isla, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MORW Morawa, TOLIZ Tolitoli, QSPA South Pole Qui, etc.

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Table with columns: PPT2, Papeete2, 55.91 107, eLR, LR, 19 20 20.2, ENH, Enshi, 56.22 313, P, I, 19 04 03.1 -0.8, CN2, Changchun, 56.24 335, P, P, 19 04 05.2 -1.5, LYN, LuoYang, 56.60 319, eP, P, 19 04 13.4 +6.9, TBI, Tubuai, 56.64 114, eLR, LR, 19 20 39.8, BNX, BinXian, 57.08 338, P, P, 19 04 08.9 -0.8, PHRA, Phrae, 58.67 296, P, P, 19 04 21.6 +0.2, XAN, Xi'an, 58.69 316, P, P, 19 04 21.3 0.0, KMI, Kunming, 59.01 304, P, P, 19 04 25.9 +2.0, CRAI, Chiangrai, 59.14 298, P, P, 19 04 25.2 +0.6, PETK, Petropavlovsk, 59.24 2, P, P, 19 04 27.7 +3.0, CM31, Chiang Mai Arr, 59.81 295, P, P, 19 04 30.4 +1.1, CMAR, Chiang Mai Arr, 59.81 295, P, P, 19 04 31.1 +1.9, CMAR, Chiang Mai Arr, 59.81 295, P, P, 19 04 30.2 +0.9, PZH, PanZhiHua, 60.40 305, P, P, 19 04 34.3 +0.9, XLT, XiLinHaoTe, 60.67 329, eP, P, 19 04 37.6 +2.8, CD2, Chengdu, 60.79 311, P, P, 19 04 36.8 +0.9, HEH, HeiHe, 60.92 341, eP, P, 19 04 34.8 -1.5, HHC, Hu-ho-hao-te, 61.09 324, eP, P, 19 04 40.9 +3.2, TNCH, TengChong, 62.48 302, P, P, 19 04 48.8 +1.3, HIA, Hailar, 62.98 335, P, I, 19 04 48.6 -1.6, LZH, Lanzhou, 63.29 316, eP, P, 19 04 53.6 +0.9, NIKH, Nikolski High, 66.79 23, P, P, 19 05 16.4 +1.6, GTA, Gaotai, 67.72 317, eP, P, 19 05 21.3 +0.1, ULN, Ulaanbaatar, 68.01 328, P, I, 19 05 22.2 -0.7, SHL, Shillong, 68.30 301, P, P, 19 05 23.5 -1.7, SONM, Songino Array, 68.34 327, P, P, 19 05 24.7 -0.3, SONM, Songino Array, 68.34 327, P, P, 19 05 23.1 -1.9, UNV, Unalaska Valle, 68.38 24, P, P, 19 05 25.8 +1.0, SPIA, Saint Paul Is, 69.55 20, P, P, 19 05 33.6 +1.6, LSA, Lhasa, 70.26 304, I, Amb, 19 05 39.7, YAK, Yakutsk, 70.72 348, P, I, 19 05 37.1 -2.0, VNDA, Vanda, 71.30 178, P, P, 19 05 43.1 +0.6, S12K, Black Hills, 71.51 24, P, P, 19 05 45.4 +1.3, TAPN, Taplejung, 72.40 301, eP, P, 19 05 50.9 +0.5, ODAN, Odare, 72.53 301, eP, P, 19 05 51.8 +0.7, RAMN, Ramite, 73.24 300, eP, P, 19 05 55.3 0.0, JIRN, Jiri, 73.78 301, eP, P, 19 05 59.1 +0.4, GUN, Gumba, 74.12 301, eP, P, 19 06 01.0 +0.4, PKI, Pulchok, 74.43 301, eP, P, 19 06 02.5 +0.1, PKIN, Phulchoki, 74.44 301, eP, P, 19 06 02.4 0.0, R16K, Pilot Point, 74.60 25, P, P, 19 06 04.5 +2.2, BILL, Bilibino, 74.64 5, P, P, 19 06 02.4 +0.1, DMN, Damnan, 74.69 301, eP, P, 19 06 04.1 +0.3, R17K, Ugashik Creek, 75.14 25, P, P, 19 06 07.3 +1.9, P16K, Nushagak River, 75.38 23, P, P, 19 06 08.7 +2.0, Q16K, King Salmon, 75.69 24, P, P, 19 06 09.4 +0.9, O16K, Kokwok River B, 75.71 23, P, P, 19 06 10.1 +1.5, Q17K, Contact Creek, 75.74 25, P, P, 19 06 10.7 +1.7, KOLN, Koldanda, 76.03 301, eP, P, 19 06 11.1 -0.3, N16K, Nishlik Lake, 76.03 22, P, P, 19 06 13.7 +3.2, DANN, Dangsing, 76.04 301, eP, P, 19 06 11.0 -0.6, P17K, Kvichak River, 76.10 24, P, P, 19 06 12.3 +1.5, O17K, Koliganek Bris, 76.21 23, P, P, 19 06 13.4 +2.0, OHAK, Old Harbor, 76.23 26, P, P, 19 06 13.8 +2.2, Q18K, Katmai Hardscr, 76.34 25, P, P, 19 06 13.8 +1.4, PYUN, Piuthan, 76.63 301, eP, P, 19 06 14.1 -0.8, P18K, Big Mountain, 76.71 24, P, P, 19 06 15.3 +0.9, ANM, Nome, 76.77 17, P, P, 19 06 16.7 +2.1, KDAK, Kodiak Island, 76.86 26, P, P, 19 06 17.4 +2.2, O18K, Koktuh Hills, 77.00 24, P, P, 19 06 17.9 +1.9, Q19K, Cape Douglas, 77.08 25, P, P, 19 06 18.3 +1.8, O19K, Port Alsworth, 77.57 24, P, P, 19 06 18.8 -0.3, O19K, Port Alsworth, 77.57 24, P, P, 19 06 22.4, O19K, Port Alsworth, 77.57 24, P, P, 19 06 20.8 +1.7, SWV2, Sparrevohn, 77.63 22, P, P, 19 06 19.6 +0.1, P19K, Oul Pt, 77.68 24, P, P, 19 06 21.6 +1.8, WMQ, Urumqi, 77.81 317, eP, P, 19 06 22.3 +1.4

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Table with columns: WMQ, WMQ, WMQ, comp=Z,12nm,0.9s, N19K, Bonanza Creek, 77.88 23, P, I, 19 06 22.4 +1.4, N19K, Bonanza Creek, 77.88 23, P, P, 19 06 23.1 +2.1, ILSW, Illiamna Southw, 77.91 24, P, I, 19 06 20.5 -0.7, O20K, Slope Mountain, 78.18 24, P, P, 19 06 24.4 +1.7, HYBB, Hyderabad (bro, 78.34 289, eP, P, 19 06 24.5 +0.4, HOM, Homer, 78.34 289, eP, P, 19 06 25.8 +2.1, CNPM, China Poot, 78.44 25, P, P, 19 06 22.5 -1.5, L19K, White Mountain, 78.58 22, P, P, 19 06 27.3 +2.5, M19K, Big River Lodg, 78.58 22, P, P, 19 06 27.5 +2.8, TTA, Talatina, 78.63 21, P, I, 19 06 23.8 -1.3, TTA, Talatina, 78.63 21, P, I, 19 06 27.8 +2.7, BRLK, Bradley Lake, 78.72 25, P, P, 19 06 24.0 -1.6, BRSE, Bradley Lake S, 78.77 25, P, P, 19 06 28.0 +2.2, N20K, Mount Spurr, 79.00 23, P, P, 19 06 27.8 +0.7, SPCR, Spurr Chakacha, 79.00 23, P, P, 19 06 28.0 +0.8, M20K, Styx River, 79.05 23, P, P, 19 06 29.7 +2.3, L20K, Farewell, AK, 79.12 22, P, P, 19 06 30.6 +2.8, CAPN, Captain Cook N, 79.17 24, P, P, 19 06 30.8 +2.9, GCSA, Galena City Sc, 79.50 19, P, P, 19 06 32.6 +2.9, SEW, Seaward, 79.51 25, P, P, 19 06 32.1 +2.3, K20K, Telida, 79.59 21, P, P, 19 06 33.0 +2.8, SKT, Skwentna, 79.72 23, P, P, 19 06 29.6 -1.4, SKT, Skwentna, 79.72 23, P, P, 19 06 31.7 +0.8, SUA, Susitna One, 79.73 24, P, P, 19 06 30.2 -1.0, SUA, Susitna One, 79.73 24, P, P, 19 06 32.6 +1.4, RCO1, Rabbit Creek A, 79.93 24, P, P, 19 06 33.3 +1.2, PPLA, Purkeypile, 80.00 22, P, P, 19 06 34.4 +1.8, J20K, Nowinta River, 80.06 20, P, P, 19 06 35.0 +2.2, M22K, Willow, 80.14 23, P, P, 19 06 34.6 +1.4, CAST, Castle Rocks, 80.34 22, P, I, 19 06 32.9 -1.4, CAST, Castle Rocks, 80.34 22, P, P, 19 06 37.7, CAST, Castle Rocks, 80.34 22, P, P, 19 06 36.0 +1.6, PVL, Port Wells, 80.38 25, P, P, 19 06 33.2 -1.3, PVL, Port Wells, 80.38 25, P, P, 19 06 36.1 +1.5, PMR, Palmer, 80.45 24, P, I, 19 06 35.1 +0.3, PMR, Palmer, 80.45 24, P, I, 19 06 37.6, CHUM, Lake Minchumin, 80.53 21, P, P, 19 06 37.0 +1.7, KNK, Knik Glacier, 80.62 24, P, P, 19 06 37.5 +1.6, GHO, Glory Hole Cr, 80.63 24, I, Amb, 19 06 39.2, KTH, Kantishna Hill, 80.85 22, P, I, 19 06 37.4 +0.3, SML, Sawmill, 80.89 24, P, P, 19 06 38.5 +1.2, TRF, Thorofare Moun, 81.02 22, P, I, 19 06 37.4 -0.7, TRF, Thorofare Moun, 81.02 22, P, I, 19 06 39.6 +1.5, M23K, Glacier View, 81.12 24, P, P, 19 06 40.2 +1.7, BPAW, Bear Paw Mtn, 81.14 21, P, P, 19 06 40.1 +1.5, SCM, Sheep Creek Mo, 81.31 24, P, P, 19 06 41.2 +1.6, IMAR, Indian Mountai, 81.31 19, P, P, 19 06 37.5 -1.9, WAT1, Susitna Watana, 81.34 23, P, P, 19 06 41.3 +1.6, I21K, Tanana, 81.41 20, I, Amb, 19 06 44.5, I21K, Tanana, 81.41 20, P, P, 19 06 41.6 +1.6, H21K, Metcozinta Riv, 81.42 20, P, P, 19 06 41.8 +1.8, WAT6, Susitna Watana, 81.53 23, P, P, 19 06 42.3 +1.4, RND, Reindeer, 81.54 22, P, I, 19 06 38.7 -2.1, MCK, McKinley, 81.69 22, P, P, 19 06 39.6 -1.9, MCK, McKinley, 81.69 22, P, P, 19 06 42.5 +1.0, G21K, Allakaket, 81.71 19, P, P, 19 06 43.2 +1.7, KLU, Klutina, 81.71 25, P, P, 19 06 42.3 +0.5, MLY, Manley, 81.76 21, P, I, 19 06 40.0 -1.9, MLY, Manley, 81.76 21, P, I, 19 06 45.1, MLY, Manley, 81.76 21, P, I, 19 06 43.5 +1.6, M24K, Tolsona, Glenn, 81.91 24, P, P, 19 06 42.2 -0.5, M24K, Tolsona, Glenn, 81.91 24, P, P, 19 06 44.6 +1.8, DHY, Denali Highway, 81.93 23, P, I, 19 06 42.0 -1.0, DHY, Denali Highway, 81.93 23, P, I, 19 06 44.5 +1.5, BMRM, Bremner River, 82.01 26, P, P, 19 06 44.4 +1.1, H22K, Ishlatina Cre, 82.03 20, P, P, 19 06 45.0 +1.8, NEA2, Nenana, 82.11 21, I, Amb, 19 06 46.1, NEA2, Nenana, 82.11 21, P, P, 19 06 44.9 +1.2, F21K, Alatina River, 82.15 18, P, P, 19 06 45.3 +1.5, I23K, Minto, Yukon-K, 82.31 21, P, I, 19 06 43.6 -1.1, I23K, Minto, Yukon-K, 82.31 21, P, I, 19 06 46.0 +1.4, N25K, Chitina, Valde, 82.32 25, P, P, 19 06 46.0 +1.1, MK31, Makanchi Array, 82.39 319, P, P, 19 06 44.1 -1.4, MKAR, Makanchi Array, 82.39 319, P, P, 19 06 45.0 -0.6, MKAR, Makanchi Array, 82.39 319, P, P, 19 06 44.4 -1.2, WRH, Wood River Hil, 82.40 22, P, P, 19 06 44.3 -0.9, HARP, HAARP, 82.47 24, P, P, 19 06 46.6 +1.0, G22K, Bettles, 82.59 19, P, P, 19 06 47.3 +1.2, CCB, Clear Creek Bu, 82.59 22, P, I, 19 06 45.5 -0.6, MAK2, Makanchi, 82.60 319, P, P, 19 06 45.0 -1.7, MDM, Murphy Dome, 82.61 21, P, P, 19 06 45.0 -1.3, H23K, Yukon River, 82.62 20, P, P, 19 06 47.4 +1.1, PAX, Paxson, 82.63 24, I, Amb, 19 06 55.2, PAX, Paxson, 82.63 24, P, P, 19 06 47.5 +1.0

Table with columns: VRDI, Verde Repeater, 82.63 26, P, P, 19 06 28.5 -1.8, TCOL, CIGO, UAF Yank, 82.69 21, P, P, 19 06 36.6 -0.1, COLA, College, 82.70 21, P, P, 82.70 21, P, P, HDA, Harding Lake, 82.79 22, P, P, 19 06 44.8 +0.8, MCARA, McArthur VSAT, 82.88 26, P, P, 19 06 48.3 +0.6, K24K, Donnelly Dome, 82.92 23, P, P, 19 06 48.8 +0.8, G23K, Bananza Creek, 82.95 19, P, P, 19 06 49.3 +1.3, POKR, Poker Plat Res, 82.98 21, P, P, 19 06 45.4 +1.3, IL31, Elsie, 83.00 22, P, I, 19 06 45.5 -2.7, ILAR, Elsie, 83.00 22, P, P, 19 06 45.8 -2.5, ZAAO, Zalesovo Array, 83.18 326, P, P, 19 06 47.0 -2.5, ZALV, Zalesovo Beam, 83.18 326, P, P, 19 06 47.3 -2.1, COLD, Coldfoot, 83.19 19, P, P, 19 06 50.9 +1.7, H24K, Noodur Dome, 83.20 21, P, P, 19 06 51.0 +1.7, E22K, Anaktuvuk Pass, 83.21 18, P, P, 19 06 51.0 +1.6, RIDG, Independent R, 83.25 23, P, P, 19 06 50.7 +1.0, MENT, Mentasta, 83.31 24, I, Amb, 19 06 53.6, M26K, Nabesna, AK, 83.36 25, P, P, 19 06 51.0 +0.7, J25K, Saicha River, 83.48 22, P, P, 19 06 52.1 +1.3, L26K, Log Cabin Wild, 83.50 24, P, P, 19 06 53.4 +2.5, PINM, Pinnacle, 83.55 27, P, P, 19 06 52.6 +1.3, QSPA, South Pole Qui, 83.68 180, P, P, 19 06 51.7 -0.3, QSPA, South Pole Qui, 83.68 180, P, I, 19 06 51.4 -0.7, SCRR, Sand Creek, 83.70 23, I, Amb, 19 06 55.1, SCRR, Sand Creek, 83.70 23, P, P, 19 06 53.4 +1.4, G24K, Hadweenz Riv, 83.80 20, P, P, 19 06 53.7 +1.4, M27K, Eagle Creek, AK, 83.81 25, P, P, 19 06 54.5 +1.9, E23K, Chandalar, 83.84 18, P, P, 19 06 54.8 +2.1, O28M, Mount Upton, 83.86 27, P, P, 19 06 54.8 +1.6, A21K, Barrow, 83.89 14, P, P, 19 06 54.7 +2.0, D23K, Nanushuk River, 84.03 17, P, P, 19 06 56.0 +2.5, F24K, Squaw Lake, 84.10 19, P, P, 19 06 56.1 +2.1, J26L, Joseph Creek, 84.11 23, P, P, 19 06 56.0 +1.9, L27K, Beaver Creek, 84.14 24, P, P, 19 06 56.1 +1.9, YUK3, Moose Creek, 84.16 26, P, P, 19 06 56.2 +1.6, TOLK, Toolik Lake Re, 84.18 18, I, Amb, 19 06 58.2, TOLK, Toolik Lake Re, 84.18 18, P, P, 19 06 56.3 +1.9, E24K, Your Creek, 84.20 19, P, P, 19 06 56.3 +1.8, YUK8, Steele Glacier, 84.26 26, P, P, 19 06 56.6 +1.4, BVCY, Beaver Creek, 84.26 25, P, P, 19 06 56.5 +1.6, G25K, Bearman Lake, 84.30 20, P, P, 19 06 56.7 +1.9, O29M, Mount Kennedy, 84.40 27, P, P, 19 06 57.3 +1.5, K27K, Chicken, 84.47 23, P, P, 19 06 57.0 +1.2, P29M, Windy Craggy, 84.53 28, P, P, 19 06 57.3 +1.1, C23K, Itkillik River, 84.55 17, P, P, 19 06 57.5 +1.4, YUK4, Talbot Arm, 84.78 26, P, P, 19 06 58.2 +0.5, F25K, Christian Riv, 84.87 19, P, P, 19 06 59.0 +1.2, KSH, Kashi, 84.99 311, P, P, 19 07 01.3 +2.1, P30M, Million Dollar, 85.08 28, P, P, 19 06 58.8 -0.2, HYT, Haines Junctio, 85.09 27, I, Amb, 19 07 03.5, HYT, Haines Junctio, 85.09 27, P, P, 19 06 59.2 +0.1, BMAR, Burnt Mountain, 85.15 20, P, P, 19 06 58.1 -1.1, EGAK, Eagle, 85.16 23, P, I, 19 06 57.6 -1.7, EGAK, Eagle, 85.16 23, P, P, 19 07 00.2 +0.9, E25K, Arctic Village, 85.16 19, P, P, 19 07 00.1 +0.9, I27K, Kadiik River, 85.35 22, P, P, 19 07 02.3 +2.0, F26K, Sheenjek River, 85.42 20, P, P, 19 07 02.0 +1.4, D25K, Kavik River, 85.52 18, P, P, 19 07 02.5 +1.4, DAWY, Dawson, 85.56 24, P, P, 19 07 02.6 +1.3, H27K, Steamboat Moun, 85.66 21, P, P, 19 07 03.8 +2.0, L29M, L29M, 85.69 25, P, P, 19 07 02.9 +0.9, G27K, Doyon Strip, 85.87 21, P, P, 19 07 04.4 +1.6, K29M, Barlow Dome, 86.23 24, P, P, 19 07 04.5 -0.2, C26K, Camden Bay, 86.26 18, P, P, 19 07 04.9 +0.2, C27K, Jago River, 86.49 18, P, P, 19 07 02.2 +1.4, I29M, Ogilvie Camp, 86.50 23, P, P, 19 07 07.7 +1.7, E27K, Coleen River, 86.50 20, P, P, 19 07 05.7 -0.2, EPYK, Eagle Plains, 87.49 22, P, P, 19 07 11.0 +0.2, NRIK, Noril'sk, 87.83 341, P, P, 19 07 10.5 -1.8, NRIK, Noril'sk, 87.83 341, P, P, 19 44 37.6, NRIK, Noril'sk, 87.83 341, I, Amb, 19 07 15.3, G30M, Atoh Zraii Nij, 87.90 22, P, P, 19 07 13.2 +0.5, DLBC, Dease Lake, 87.92 31, LR, LR, 19 41 33.4, F31M, Tsigichtic, 88.97 22, P, P, 19 07 19.6 +2.0, YBH, Yreka Blue Hor, 88.97 48, LR, LR, 19 41 14.3, INK, Inuvik, 89.33 21, P, P, 19 07 21.4 +2.1, BEKR, Beckworth, 90.46 50, P, P, 19 07 23.8 -1.7, ISA, Isabella, Lake, 91.42 54, P, P, 19 07 30.3 +0.4, LHV, Little Huntoun, 91.69 52, I, Amb, 19 07 35.6, RYN, Ryan, 91.72 52, I, Amb, 19 07 35.9

17d 18h

17d 19h

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

ADC 17 19:03:17.2, 3.7, 5.82S, 154.11E, h0km, mb3.6/2, mbtmp3.6/2, Error ellipse: s-maj=170.5km s-min=51.2km az=126.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations WRA, ASAR, and TORO.

ADC 17 19:05:41.1, 3.0, 6.42S, 154.59E, h0km, mb3.4/3, mbtmp3.4/3, MS3.9/3, Error ellipse: s-maj=100.7km s-min=36.8km az=110.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations WRA, MSVF, ASAR, and SONM.

ADC 17 19:07:21.1, 2.9, 16.52S, 174.97W, h200km, 25km, mb3.4/5, mbtmp3.4/5, Error ellipse: s-maj=76.0km s-min=21.6km az=150.0

ADC 17 19:07:21.3, 2.1, 16.45S, 0.75, 15.0W, 0.3, h200km, n6, +1523/7, mb3.5/5, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for station AFI.

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Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations AFI, ASAR, and JUNU.

ADC 17 19:10:47.5, 1.9, 39.13N, 21.84E, h0km, mb3.7/6, mbtmp3.8/10, ML3.7/4, MS3.4/2, Error ellipse: s-maj=38.9km s-min=15.2km az=43.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations EVR and PVO.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations MAKR and PVO.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations PVO and ANX.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations ANX and AGG.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations THL and PVO.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations THL and EFP.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations SERG and UPK.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations UPK and TYRN.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations TYRN and LAKA.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations LAKA and TSOU.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations TSOU and LK2D.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations LK2D and LK2D.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations LK2D and LK2D.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations DRAG and KPRO.

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

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Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details for stations KLV and FSK.

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

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

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

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

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

Table with columns: PAIG, comp=N, 1.85 174, Pn, 19 11 46.5, AML, AML, 19 11 26.3 +1.2, etc.

Table with columns: NVR, comp=N, 2.93 47, P, 19 12 17.4, AML, AML, 19 12 40.1 +0.7, etc.

Table with columns: MURB, 8.11 304, Pn, 19 12 51.1 +1.3, Pn, 19 12 48.9 -2.2, etc.

IDC 17 19:15:13.6:1.3:6:81N:77:10W,h0km,mb3.3/1, mbtmp3.8/3,ML2.7/2,MS3.8/1, Error ellipse: s-maj=44.1km s-min=31.9km az=25.0

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

17d 19h

Table of station data for 17d 19h, including station names like PUERTO BERRIO, Santa Ana, Bahia Malaga, etc., with columns for code, station name, and various parameters.

JMA 17 19:16:28.9,0.1,36.38N,02.140.6E,0.5,h6km,1km, MV0.5/22,NORTHERN IBARAKI PREF,Near east coast of eastern Honshu

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

ISK 17 19:16:46.6,35.66N,33.37E,h3km,ML3.1/19 DDA 17 19:16:47.4,0.0,35.62N,33.40E,h6km,2km,ML2.2 NIC 17 19:16:49.1,0.0,35.38N,33.31E,h46km,3km,ML2.5/3

ISC 17 19:16:46.8,0.1,35.61N,0.02,33.37E,0.03,h9km,10km, n36,c085/50,1D,Cyprus region

Table of station data for the Cyprus region, including stations like LFK, AKDN, ATHAL, etc., with columns for code, station name, and parameters.

2016 DEC

Table of station data for 2016 DEC, including stations like MERS Mersin, KKBK Karaman, etc., with columns for code, station name, and parameters.

JMA 17 19:16:54.8,0.0,35.4N,0.1x133.83E,0.09,h13km, MV1.3/32,EASTERN TOTTORI PREF,Western Honshu

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

IDC 17 19:16:54.8,5.2,37.38N,142.22E,h0km,mb3.5/3, mbtmp3.5/5,ML2.7/2,Error ellipse: s-maj=94.9km s-min=37.5km az=98.0

JMA 17 19:16:59.8,2.5,37.35N,0.07,142.22E,0.1,h43km,4km, MV1.3/25,OFF FUKUSHIMA PREF

ISC 17 19:16:59.8,2.5,37.35N,0.06,141.9E,0.1,h25km,15km, n12,c104/17,mb3.4/3,4D,Near east coast of eastern Honshu

Table of station data for the eastern Honshu region, including stations like Kawauchi, Minamisomatoc, etc., with columns for code, station name, and parameters.

IDC 17 19:17:14.2,1.7,37.36N,142.21E,h0km,mb3.7/7, mbtmp3.8/9,ML3.1/2,Error ellipse: s-maj=37.8km s-min=25.4km az=87.0

JMA 17 19:17:20.4,0.3,37.3N,0.8,142.2E,0.1,h36km,3km, MV3.8/23,E OFF FUKUSHIMA PREF

ISC 17 19:17:19.8,1.1,37.29N,0.07,142.0E,0.1,h35km,n19, n182/16,mb3.7/7,Near east coast of eastern Honshu

Table of station data for the eastern Honshu region, including stations like Kawauchi, Minamisomatoc, etc., with columns for code, station name, and parameters.

1262

Table of station data for 1262, including stations like baz=18, Chawan, Fushanzhiwuyua, etc., with columns for code, station name, and parameters.

IDC 17 19:24:43.3,2.5,5.70S,154.27E,h0km,mb3.4/3, mbtmp3.7/5,ML2.3/1,Error ellipse: s-maj=55.4km s-min=33.6km az=107.0,Bougainville-Solomon Islands region

Table of station data for the Bougainville-Solomon Islands region, including stations like Keravat, Port Moresby, etc., with columns for code, station name, and parameters.

IDC 17 19:27:35.9,4.9,6.36S,154.21E,h0km,mb3.6/4, mbtmp3.6/4,Error ellipse: s-maj=127.1km s-min=35.6km az=106.0,Bougainville-Solomon Islands region

Table of station data for the Bougainville-Solomon Islands region, including stations like Warramunga Arr, ASAR, etc., with columns for code, station name, and parameters.

OMAN 17 19:35:23.0,0.7,27.93N,63.68E,h22km,mb5.4/8,Error ellipse: s-maj=15.1km s-min=12.7km az=307.0, Southwestern Pakistan

Table of station data for the Southwestern Pakistan region, including stations like JASK, WADI SARIN, etc., with columns for code, station name, and parameters.

IDC 17 19:43:31.7,0.6,15.99N,119.68E,h0km,mb4.1/19, mbtmp4.1/20,ML3.9/1,MS3.5/4,Error ellipse: s-maj=21.8km s-min=14.1km az=72.0

MAN 17 19:43:32.5,16.18N,119.15E,h14km,mb4.9,ML3.8, MS3.7

NEIC 17 19:43:38.1,1.6,16.02N,0.07,119.74E,0.10,h40km,8km, mb4.6/45,Error ellipse: s-maj=13.8km s-min=10.0km az=91.0

ISC 17 19:43:37.8,0.4,15.99N,0.05,119.67E,0.07,h43km,n92, n094/89,mb4.4/38,MS3.1/3,3C-30, Luzon

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Brgy, Tapao, Tagaytay City, Lukban, Pampanga Cagay, Guinayangan, Calayan Island, Niang, Ta-pu, Yulb, Suanglung, Yehung, Gionghong, Kota Kinabalu, Lahad Datu, Tolitoli, Sibuu, Kuching, Luwuk, Nakatsue, Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Sheep Creek Mt, Burnt Mountain, FINESS Array B, FINESS Array B, Main Array B, Beaver Creek A, Inuvik, NORARS Array S, NORARS Subarra, NORARS Array B, Collm, Yellowknife Arr, NEIC 17 19:50:18.5, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, Eielson Array, Eielson Array, Torodi Ar. Bea, Warramunga Arr, Alice Springs, Kuruch Ar. Bea, Warramunga Arr, Alice Springs, Kuruch Ar. Bea, Bougainville-Solomon Islands region, etc.

BGR 17 22:10:56.7,0.9,48.66N,6.30E,h1km,ML1.8/4,Error ellipse: s-maj=14.5km s-min=3.3km az=64.0

LDG 17 22:10:56.2,0.8,48.68N,6.31E,h2km,Md2.7/2,Ml2.3/10,Error ellipse: s-maj=3.3km s-min=2.3km az=26.0

ISC 17 22:10:55.0,0.8,48.68N,0.003,6.24E,0.02,h0km,n24,c065/40,France

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like Fort de Pagny, Haudompts, Savonnieres en SAVF, etc.

THE 17 22:14:24.9,40.04N,19.98E,h0km,2km,ML2.6/9,Error ellipse: s-maj=3.0km s-min=0.8km az=310.0

TIR 17 22:14:25.1,40.02N,20.05E,h0km,1km,Md2.9,Ml2.7,Error ellipse: s-maj=2.9km s-min=1.0km az=250.0

ISC 17 22:14:25.4,1.0,40.01N,0.02,20.02E,0.02,h6km,qkm,148,1805/71,Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like Sarande, Kassiopti, Kerkira, Leskovik, Igomuenitsa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like Ohrid, Tsoukalades, Florina, Lefkada island, etc.

IDC 17 22:18:03.0,6.0,4.63S,153.79E,h106km,39km,mb3.3/3,mbmp3.9/4,Error ellipse: s-maj=62.3km s-min=29.1km az=91.0

ISC 17 22:18:02.1,1.8,47S,0.2,153.9E,0.2,h100km,16,c0586/7,mb3.3/3,New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like Kravat, Port Moresby, Warramunga Arr, etc.

IDC 17 22:19:06.3,5.5,71S,154.27E,h0km,mb3.6/2,mbtmp3.8/3,ML4.2/1,Error ellipse: s-maj=136.4km s-min=48.5km az=120.0,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like Charters Tower, Warramunga Arr, Alice Springs, etc.

BUI 17 22:21:23.8,0.0,26.89S,176.83W,h89km,mb5.0/38,mb5.4/18,Ms5.1/2,Ms7.4/73

MOS 17 22:21:23.0,0.9,26.84S,177.57W,h110km,mb5.5/18,Error ellipse: s-maj=9.1km s-min=8.8km az=101.0

NOU 17 22:21:31.3,27.00S,177.02W,h155km,mb5.4/115,Kermadec Islands Region

ISC-EH 17 22:21:32.3,1.8,26.79S,0.07,177.52W,0.10,h132km,4km,mb5.4/143,Error ellipse: s-maj=12.6km s-min=10.5km az=97.0

NEIC 17 22:21:32.3,1.8,26.79S,0.07,177.52W,0.10,h132km,4km,mb5.4/143,Error ellipse: s-maj=12.6km s-min=10.5km az=97.0

IDC 17 22:21:33.0,0.4,26.85S,177.57W,h149km,3km,mb4.8/24,mbtmp5.2/26,MS3.9/24,Error ellipse: s-maj=11.1km s-min=10.7km az=31.0

GCMT 17 22:21:34.0,0.4,26.80S,0.03,177.19W,0.04,h193km,4km,MW5.6/74,Moment Tensor Solution

ISC 17 22:21:33.1,0.3,26.84S,0.04,177.57W,0.04,h148km,2km,h148km,P-P,n962,11949/988,mb5.4/185,63C-38D,South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like Raoul Island, Raoul Island, Tubou, Lakemba, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Rows include stations like Nonsavu, Urewera, Kairua, etc.

17D 22h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LHI Lord Howe Isla, ARMA Armadale, and various other regional stations.

2016 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, and various other regional stations.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PLAI Plampang, SPSI Singaraja, and various other regional stations.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like Port Moresby, Alice Springs, Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like Kashi, Burnt Mountain, Kuratay Array, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like ENH Enshi, GSI Gunungsitoli, XAN Xi'an, etc.

MDAR	comp=N,17500µm,0.5s		AML	AML					
SEF1	comp=E,16600µm,1.3s	0.27 321	P	Pg					
SEF1	comp=E,23400µm,1.4s		AML	AML					
SEF1	comp=N,16200µm,1.6s		AML	AML					
SEF1	comp=E,23400µm,1.5s		AML	AML					
T1215	Vallo di Nera,	0.27 239	↑P	Pg					
T1215			S	Sg					
T1215	comp=E,10820µm,0.4s		AML	AML					
T1215	comp=N,8395µm,0.6s		AML	AML					
T1215	comp=E,11050µm,0.4s		AML	AML					
T1215	comp=N,8650µm,0.6s		AML	AML					
T1215	comp=E,11000µm,0.4s		AML	AML					
T1215	comp=N,8655µm,0.6s		AML	AML					
T1215	comp=N,8395µm,0.6s		AML	AML					
T1215	comp=E,10825µm,0.4s		AML	AML					
T1218	Civita (PG)	0.27 189	↑P	Pg					
T1218			S	Sg					
T1218	comp=E,14100µm,0.6s		AML	AML					
T1218	comp=N,23400µm,0.2s		AML	AML					
T1218	comp=E,13150µm,0.6s		AML	AML					
T1218	comp=N,23600µm,0.2s		AML	AML					
T1218	comp=E,14100µm,0.6s		AML	AML					
T1218	comp=E,13150µm,0.6s		AML	AML					
T1218	comp=N,23400µm,0.2s		AML	AML					
T1218	comp=N,23600µm,0.2s		AML	AML					
SSM1	San Severino M	0.29 0	P	Pg					
SSM1			S	Sg					
MNTP	Montappone	0.29 47	↓P	Pg					
MNTP	comp=N,13850µm,0.7s		AML	AML					
GAG1	Gagliole	0.31 345	P	Pg					
GAG1	comp=N,14550µm,0.9s		AML	AML					
GAG1	comp=E,29000µm,0.3s		AML	AML					
GAG1	comp=N,23500µm,1.0s		AML	AML					
GAG1	comp=N,23500µm,1.0s		AML	AML					
T1243	Rocca Santa Ma	0.32 140	P	Pg					
T1243			S	Sg					
SM1	SAN MARTINO	0.33 159	P	Pg					
SM1			S	Sg					
SM1	comp=E,13550µm,0.8s		AML	AML					
SM1	comp=N,15450µm,0.8s		AML	AML					
LNSS	Leonessa	0.35 196	↑P	Pg					
LNSS			S	Sg					
LNSS	comp=N,10850µm,0.4s		AML	AML					
LNSS	comp=E,16850µm,0.2s		AML	AML					
SNTG	Esanatoglia	0.36 331	P	Pg					
SNTG			S	Sg					
SNTG	comp=N,6720µm,0.4s		AML	AML					
SNTG	comp=E,5895µm,0.8s		AML	AML					
SNTG	comp=E,5440µm,0.8s		AML	AML					
SNTG	comp=N,6230µm,0.4s		AML	AML					
OFF1	Offida	0.38 91	↑P	Pb					
OFF1			S	Sg					
OFF1	comp=E,13200µm,0.6s		AML	AML					
OFF1	comp=N,22250µm,0.6s		AML	AML					
EL6	Elicito	0.39 352	P	Pg					
EL6			S	Sb					
EL6	comp=E,12200µm,0.5s		AML	AML					
EL6	comp=N,14050µm,0.8s		AML	AML					
ASSB	Assisi San Ben	0.39 285	↓P	Pg					
ASSB			S	Sg					
ASSB	comp=E,8550µm,0.7s		AML	AML					
ASSB	comp=N,6575µm,0.5s		AML	AML					
RM33	Pellescitra (	0.43 176	P	Pg					
RM33			S	Sg					
RM33	comp=N,4605µm,0.3s		AML	AML					
RM33	comp=E,9100µm,0.7s		AML	AML					
RM33	comp=N,4570µm,0.2s		AML	AML					
RM33	comp=E,9120µm,0.7s		AML	AML					
CING	Cingoli	0.43 2	P	Pg					
CING			S	Sb					
CAMP	Campotosto	0.44 157	↑P	Pg					
CAMP			S	Sg					
CAMP	comp=E,6430µm,0.7s		AML	AML					
CAMP	comp=N,7180µm,0.2s		AML	AML					
TERO	Teramo	0.45 135	P	Pg					
TERO			S	Sg					
TERO	comp=E,16400µm,0.3s		AML	AML					
TERO	comp=N,11550µm,0.4s		AML	AML					
TERO	comp=N,12000µm,0.4s		AML	AML					
TERO	comp=N,11600µm,0.4s		AML	AML					
TERO	comp=E,17000µm,0.3s		AML	AML					
FOSV	Fossato di Vic	0.47 320	↓P	Pg					
FOSV			S	Sb					
FOSV	comp=N,5835µm,0.8s		AML	AML					
FOSV	comp=E,6030µm,0.6s		AML	AML					
FOSV	comp=N,5840µm,0.8s		AML	AML					
MOMA	Monte Martano	0.47 253	↑P	Pg					
MOMA			S	Sg					
MOMA	comp=E,5990µm,0.8s		AML	AML					
MOMA	comp=N,7535µm,0.5s		AML	AML					
MOMA	comp=E,5990µm,0.8s		AML	AML					
MOMA	comp=N,7035µm,0.5s		AML	AML					
MOMA	comp=N,7540µm,0.5s		AML	AML					
MOMA	comp=E,6160µm,0.8s		AML	AML					
ARRO	Arrone	0.47 220	↑P	Pg					
ARRO			S	Sg					
ARRO	comp=E,3720µm,0.4s		AML	AML					
ARRO	comp=N,3310µm,1.0s		AML	AML					
T1211	Morro Reatino	0.47 210	P	Pg					
T1211			S	Sg					
T1211	comp=E,5695µm,0.4s		AML	AML					
T1211	comp=N,8485µm,0.3s		AML	AML					

T1211	comp=E,5750µm,0.4s		AML	AML					
T1211	comp=N,8480µm,0.3s		AML	AML					
T1247	Pizzolo (AQ)	0.51 170	↑P	Pg					
T1247			S	Sg					
T1247	comp=E,7985µm,0.7s		AML	AML					
T1247	comp=N,5795µm,0.4s		AML	AML					
PP3	Marolino	0.54 36	P	Pb					
PP3			S	Sb					
PP3	comp=E,9320µm,1.2s		AML	AML					
PP3	comp=N,6785µm,1.1s		AML	AML					
PP3	comp=N,6665µm,0.9s		AML	AML					
PP3	comp=N,6780µm,1.1s		AML	AML					
PP3	comp=E,9475µm,1.2s		AML	AML					
CESSX	Cesi	0.55 233	P	Pg					
CESSX			S	Sg					
CESSX	comp=E,6185µm,1.1s		AML	AML					
CESSX	comp=N,5560µm,0.4s		AML	AML					
TRTR	Tortoreto Alta	0.56 103	↑P	Pb					
TRTR			S	Sb					
TRTR	comp=N,18050µm,0.6s		AML	AML					
TRTR	comp=N,16900µm,0.3s		AML	AML					
GIGS	Gran Sasso	0.57 149	P	Pg					
GIGS			S	Sg					
GIGS	comp=N,1105µm,1.1s		AML	AML					
GIGS	comp=E,1465µm,0.5s		AML	AML					
SSFR	Montelago di S	0.57 330	P	Pg					
SSFR			S	Sb					
SSFR	comp=N,8390µm,0.2s		AML	AML					
SSFR	comp=E,10185µm,0.2s		AML	AML					
SSFR	comp=N,6685µm,0.2s		AML	AML					
SSFR	comp=N,11000µm,0.3s		AML	AML					
MURB	Monte Urbino	0.58 304	P	Pb					
MURB			S	Sb					
MURB	comp=N,5790µm,1.3s		AML	AML					
MURB	comp=N,5790µm,1.3s		AML	AML					
MURB	comp=E,7975µm,1.0s		AML	AML					
MURB	comp=E,7445µm,1.0s		AML	AML					
MURB	comp=N,5765µm,1.4s		AML	AML					
ARVD	Arcevia	0.58 343	P	Pb					
ARVD			S	Sb					
ARVD	comp=N,2500µm,0.8s		AML	AML					
ARVD	comp=N,1515µm,1.6s		AML	AML					
AQU	L'Aquila	0.61 164	↓P	Pg					
AQU			S	Sg					
AQU	comp=N,3660µm,1.2s		AML	AML					
AQU	comp=N,4115µm,0.8s		AML	AML					
AQU	comp=E,3780µm,1.2s		AML	AML					
AQU	comp=N,4035µm,0.8s		AML	AML					
AQU	comp=N,4120µm,0.8s		AML	AML					
ATFO	Monte Focce - G	0.61 314	↓P	Pg					
ATFO			S	Sb					
ATFO	comp=N,2870µm,0.6s		AML	AML					
FRON	Frontone	0.66 330	↓P	Pg					
FRON			S	Sb					
FRON	comp=N,2640µm,1.5s		AML	AML					
FRON	comp=E,2500µm,0.7s		AML	AML					
FRON	comp=N,3125µm,0.5s		AML	AML					
FIAM	Fiamignano	0.67 184	↑P	Pg					
FIAM			S	Sb					
FIAM	comp=N,2315µm,0.7s		AML	AML					
FIAM	comp=E,2625µm,0.9s		AML	AML					
AOI	Ancona	0.68 27	↓P	Pb					
AOI			S	Sb					
AOI	comp=N,2715µm,0.6s		AML	AML					
AOI	comp=N,2715µm,0.6s		AML	AML					
COR1	Corinaldo	0.70 350	P	Pb					
COR1			S	Sb					
COR1	comp=E,2510µm,0.6s		AML	AML					
COR1	comp=N,5350µm,0.5s		AML	AML					
COR1	comp=N,535µm,0.5s		AML	AML					
ATVO	AVT- Monte Val	0.71 308	↓P	Pg					
ATVO			S	Sb					
ATVO	comp=N,2160µm,0.6s		AML	AML					
ATVO	comp=N,2160µm,0.6s		AML	AML					
ATVO	comp=E,1595µm,0.7s		AML	AML					
VCEL	Villa Celiera	0.73 138	↑P	Pg					
VCEL			S	Sb					
VCEL	comp=E,5605µm,0.5s		AML	AML					
VCEL	comp=N,5615µm,0.8s		AML	AML					
FAGN	Fagnano	0.74 156	↓P	Pg					
FAGN			S	Sg					
FAGN	comp=E,7005µm,0.5s		AML	AML					
FAGN	comp=N,4995µm,0.5s		AML	AML					
MPAG	Monte Paganucc	0.75 336	P	Pg					
MPAG			S	Sb					
MPAG	comp=E,2345µm,0.4s		AML	AML					
MPAG	comp=N,2065µm,0.5s		AML	AML					
MPAG	comp=E,2240µm,0.4s		AML	AML					
MPAG	comp=N,2105µm,0.5s		AML	AML					

18d Oh

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like TNCH TengChong, HIA Haihar, LZH Lanzhou, MA2 Magadan, etc.

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Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like MKAR Makanchi Array, NEA2 Nenana, F21K Alaina River, etc.

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Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like CWC Cottonwood Cre, NVAR Mina Array Bea, MPMC Manual Prose, etc.

IDC 18 00:49:04.0:2.2, 4.63S: 153.76E, h106km, 15km, mb4.0/16, mbmp4.4/17, Error ellipse: s-maj=22.4km s-min=13.8km az=104.0

NEIC 18 00:49:05.0:0.9, 4.56S: 0.08:153.65E:0.08, h115km, 7km, mb4.5/29, Error ellipse: s-maj=15.7km s-min=6.9km az=224.0

ISC-EH 18 00:49:06.1, 4.59S: 153.63E, h122km, 7km, Error ellipse: s-maj=9.4km s-min=4.9km az=104.0

ISC 18 00:49:03.4:0.5, 4.58S: 0.07:153.78E:0.08, h100km, n66, e152.73, mb4.5/27, New Ireland region

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, etc. Includes stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Time, Res. Includes stations like MA2 Magadan, MA2 Magadan, Q19K Cape Douglas, etc.

KRSC 18 00:54:44.8-2.0, 50.26N-157.02E, h51km, 22km, ML3.6, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pazhetka, etc.

OSPL 18 00:56:21.9-2.1, 19.99N-75.53W, h31km, 8km, ML2.9

SSNC 18 00:56:22.6-0.7, 19.83N-75.38W, h45km, 4km, MD3.1, ML3.0, MW3.1

JSN 18 00:56:27.1-0.5, 17.67N-75.13W, h0km, 999km, MD3.8

ISC 18 00:58:21.4-1.3, 19.80N-0.06-75.40W-0.04, h46km, 10km, n15, e121/25, Cuba region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Time, Res. Includes stations like GTBY Guantanamo Bay, RCC Rio Carpintero, etc.

ISC 18 00:58:24.7-1.2, 10.60S-161.50E, h0km, mb3.8/6, mbmp3.8/6, ML3.5/2, Error ellipse: s-maj=32.6km

ISC 18 00:58:30.0-0.8, 10.6S-0.1x161.4E:0.1, h35km, n15, e074.9, mb3.8/6, Bougainville-Solomon Islands region

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

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

ISC-EH 18 01:07:05.0, 5.69Sx153.70E, h15km, Error ellipse: s-maj=8.2km

NEIC 18 01:07:05.0, 2.8, 5.83S, 0.08x153.61E-0.05, h10km, 1km, mb4.7/33, Error ellipse: s-maj=14.6km

ISC 18 01:07:07.3-2.7, 5.68S, 153.81E, h33km, 19km, mb4.2/16, mbmp4.4/19, ML4.0/3, MS4.0/3, Error ellipse: s-maj=20.8km

DJA 18 01:07:09.3-0.5, 6.13km, 15.4E, h53km, 5km, M5.0/21, mb5.5/5, mb4.9/21, MLV5.0/3, Mw(m)5.0/5

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

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

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Time, Res. Includes stations like PMG Port Moresby, SAUI Saui, TVIH Townsville Har, etc.

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Time, Res. Includes stations like H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, etc.

ISC-EH 18 01:07:05.0, 5.69Sx153.70E, h15km, Error ellipse: s-maj=8.2km

NEIC 18 01:07:05.0, 2.8, 5.83S, 0.08x153.61E-0.05, h10km, 1km, mb4.7/33, Error ellipse: s-maj=14.6km

ISC 18 01:07:07.3-2.7, 5.68S, 153.81E, h33km, 19km, mb4.2/16, mbmp4.4/19, ML4.0/3, MS4.0/3, Error ellipse: s-maj=20.8km

DJA 18 01:07:09.3-0.5, 6.13km, 15.4E, h53km, 5km, M5.0/21, mb5.5/5, mb4.9/21, MLV5.0/3, Mw(m)5.0/5

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Time, Res. Includes stations like ASAJ Asahikawa, SDSA Sungai Dareh, HNS HongShan, etc.

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

ISC 18 01:07:06.0-0.4, 5.73S, 0.05-153.75E-0.06, h35km, n135, e130/103, mb4.6/10, MS3.9/39, 2C, New Ireland region

18d 1h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res ISC. Includes stations like KKAR Karatay Array, YBH Yreka Blue Hor, INK Inuvik, etc.

NOU 18:01:07:51.0, 37.13S:179.90E, h0km, MLV3.9/7, Off E.

Coast of N. Island, N.Z. WEL 18:01:07:59.0, 0.9, 37.7, 7.7, 17.9E, h12km, M3.5/36, s-min=0.0km az=med

ISC 18:01:07:56.6, 3.2, 37.19S:0.08:179.49E, 0.1, h7km, 1.3km, n68, <0.87/73, Off east coast of North Island

Main station list table for the first section, including stations like MXZ Matakaoa Point, WNGZ Waihaitatini S, etc.

ISC 18:01:16:44.0, 9.0, 6.35S:154.48E, h55km, 69km, mb3.2/2, mbtmp3.6/3, ML3.5/1, Error ellipse: s-maj=73.9km s-min=36.7km az=89.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res ISC. Includes stations like KRVT Keravat (AS076), WRA Warramunga Arr, etc.

ISC 18:01:18:57.6, 1.6, 7.31S:155.14E, h0km, mb4.0/7, mbtmp4.0/7, Error ellipse: s-maj=57.5km s-min=24.9km az=129.0

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

2016 DEC

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

IDC 18:01:23:16.2, 2.1, 6.17S:154.09E, h0km, mb3.9/7, mbtmp3.9/8, ML3.7/1, Error ellipse: s-maj=65.3km s-min=27.8km az=104.0

ISC 18:01:23:22.7, 2.0, 6.15S:0.2:153.8E, 0.3, h35km, n9, <0.66/29, mb3.9/7, New Britain region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res ISC. Includes stations like KRVT Keravat (AS076), WRA Warramunga Arr, etc.

IDC 18:01:25:43.6, 3.5, 30.01N:160.67E, h0km, mb3.5/5, mbtmp3.6/7, ML3.6/2, MS3.6, Error ellipse: s-maj=125.7km s-min=20.4km az=128.8

ISC 18:01:25:45.1, 2.8, 30.1N:0.5:67.8E, 0.6, h10km, n9, <1.53/7, mb3.6/4, Pakistan region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res ISC. Includes stations like WSAR Wadi Sarin, AAK Ala-Archa, etc.

NEIC 18:01:37:44.0, 1.0, 6.35S:0.1:154.7E, 0.1, h47km, 25km, mb4.2/7, Error ellipse: s-maj=21.8km s-min=7.2km az=220.0

ISC 18:01:37:51.2, 1.6, 6.29S:154.01E, h71km, 14km, mb3.7/8, mbtmp4.0/9, MS3.7/2, Error ellipse: s-maj=18.6km s-min=11.9km az=44.0

ISC 18:01:37:49.3, 0.6, 6.27S:0.07:154.01E, 0.07, h48km, n35, <1.54/29, mb4.0/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res ISC. Includes stations like RABL Rabaul, KRVT Keravat (AS076), etc.

ISC 18:01:40:00.1, 1.9, 6.01S:154.27E, h0km, mb3.6/3, mbtmp3.7/4, MS3.3/1, Error ellipse: s-maj=51.7km s-min=30.4km az=123.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res ISC. Includes stations like KRVT Keravat (AS076), WRA Warramunga Arr, etc.

1284

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res ISC. Includes stations like SONM Sogingo Array, MKAR Makanchi Array, etc.

IDC 18:01:40:00.1, 1.9, 6.01S:154.27E, h0km, mb3.6/3, mbtmp3.7/4, MS3.3/1, Error ellipse: s-maj=51.7km s-min=30.4km az=123.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res ISC. Includes stations like KRVT Keravat (AS076), WRA Warramunga Arr, etc.

DJA 18:01:44:44.0, 0.2, 1.7N:3.12E, h10km, M4.5/18, mb4.9/16, mB5.0/6, MLV4.5/18, Mw(mB)4.3/6

NEIC 18:01:44:47.5, 2.1, 0.73N:0.07:126.10E, 0.06, h45km, 3km, mb4.8/46, Error ellipse: s-maj=10.0km s-min=8.4km az=195.0

IDC 18:01:44:48.1, 3.3, 0.78N:126.05E, h51km, 31km, mb4.2/22, mbtmp4.4/23, ML4.5/1, MS3.5/6, Error ellipse: s-maj=21.2km s-min=11.9km az=80.0

ISC 18:01:44:47.4, 0.3, 0.75N:0.05:126.09E, 0.05, h44km, n146, <1.61/159, mb4.7/52, MS3.4/3, Northern Molucca Sea region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res ISC. Includes stations like TNTI Ternate, SANI Sanana, etc.

KAPI Kappang 8.53 228 P Pn 01 46 50.4 +2.0

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

ISC 18:01:44:00.1, 1.9, 6.01S:154.27E, h0km, mb3.6/3, mbtmp3.7/4, MS3.3/1, Error ellipse: s-maj=51.7km s-min=30.4km az=123.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, Res ISC. Includes stations like COEN Coen, PSAO Pilbara Seismi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various parameters. Includes stations like BBOO Buckleboob, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various parameters. Includes stations like VVND Vanda, RAVN Ar Rayn, SVWZ Swahiloh, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various parameters. Includes stations like H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, NWAO Warrungu (SRO), etc.

18d 3h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like BR11 Keskin Array S, BRTR Keskin Array B, NB2 NORSAR Subarra, etc.

18d 03:09:24.3, 6.2, 6.20S:154.90E, h0km, mb3.3/2, mbtmp3.5/3, ML3.4/1, Error ellipse: s-maj=69.6km s-min=45.7km az=88.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like KRVT Keravat (AS076), WRA Warramunga Arr, ASAR Alice Springs, etc.

18d 03:11:57.8, 10.0, 0.69N-83.45W, h0km, mb3.4/3, mbtmp3.5/4, ML3.6/1, MS3.2/1, Error ellipse: s-maj=286.3km s-min=113.7km az=26.0, Off coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like CMIG Matias Romero, H03N2 Juan Fernandez, PDAR Pinedale Array, etc.

18d 03:21:08.6, 2.2, 6.22AS:154.17E, h75km, 18km, mb3.5/5, mbtmp3.8/6, MS2.9/4, Error ellipse: s-maj=27.7km s-min=17.3km az=52.0

2016 DEC

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like TORO Torndi Arr, BUI 18 03:30:56.2, etc.

18d 03:59:3.0, 3.29, 1.95S:0.06, 61.08E:0.06, h10km, n571, 1501/528, mb5.0/145, MS4.4/64, 30C-23D, Southwest Indian Ridge

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like MBAR Mbarara, TSUM Tsumeb, H01W2 Cape Leeuwin, etc.

18d 03:59:3.0, 3.29, 1.95S:0.06, 61.08E:0.06, h10km, n571, 1501/528, mb5.0/145, MS4.4/64, 30C-23D, Southwest Indian Ridge

18d 3h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK, WTTA, WATA, FUORA, SQT, FETA, XLT, GERES, MOTA, DPC, DAVOX, KHC, RETA, OSTO, NACGM, BNI, KSP, PRU, DAV, DAVA, BRG, NKC, NNC, GRFO, URZ, JUN, CLL, KSR, ESDC, ESDC, PRGR, KLMM, DZM, RCBR, FINES, HFS, PLCA, NOA, CPUP, LIXI, TBI, BILL, PPT2, PPT2, PPT2, MCR, RUSC, ANM, C23K, D23K, D23K, D23K, C26K, TOLK, F21K, A36M, E23K.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like C27K, G22K, IMAR, F24K, H21K, I21K, F26K, TTA, MLY, K20K, H24K, G26K, G27K, I21K, I21K, ILAR, ILAR, H27K, F31M, L61B, G30M, Q16K, J25K, SKT, I27K, EPYK, Q18K, DAWY, BCAR, KLU, KDAX, ESPN, BVCV, EYAK, L29M, MCARA, SDMD, L56A, M29M, YUK3, CBN, M30M, B30M, SSSA, BOAB, CNNC, YUK6, YUKA, M55A, O28M, M31M, N30M, FARO, YUK6, S57A, N31M, WRGLY, FCC, FCC, HYT, HYT, ERPA, MCVW, O30N, PNL, YKA, YKA, YKA, M53A, WHY, U56A, BLA, O53A, O53A, P33M, KMSO, P32M, P52A, PAUL, WTLY, ACSO, R33M, GLMI, AAM, N49A, TIGA, GOGA, TZTN, SIT.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like P49A, O48B, R49A, T35M, WCI, WCI, WCI, FFC, FFC, FFC, EYMN, LRAL, ULM, ULM, WVT, WVT, WVT, JFWS, HDIL, SPMN, CCM, ECSD, NATX, NEW, NEW, NEW, MSO, WMOK, 833A, ABTX, K22A, JCT, N23A, AMTX, BW06, BW06, PDAR, PDAR, PDAR, Q24A, HLD, MSTX, T25A, SDCO, O20A, TXAR, TXAR, DUG, ANMO, ANMO, MNTX, ELK, ELK, MVCO, R11A, NVAR, WUWZ, PVN, TUC, FURC, CWC, SHOC, TUQ, ISA, LRMC, GSC, GMRC, 214A, IRM, EDW2, BELC, BC3, GLA, MURC, MONP2.

DJA 18 03:37:45.1±0.2, 7.5S:3.12° 9E, h159km, 8km, M4, 7/10, mb5.2/6, mb4.6/10, MLV4.8/8, Mw(mB)5.4/6.6, IDC 18 03:37:46:53.9, 7.5S:0.130.08E, h98km, 45km, mb3.6/2, mbmpd4.1/5, Error ellipse: s-maj=78.8km s-min=15.9km, ISC 18 03:37:43.9±0.9, 7.28S:0.07:128.88E:0.10, h150km, n17, s148/118, Banda Sea

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like JRY, YOJ, INU, MAJO, etc.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like YUK, JSH, SSE, SSS, etc.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like CNSH, USRK, USA0B, etc.

18d 5h

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like PSI Prapat, PPSI BinXian, and SHEM Shemya Is, Ala.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like XAN XAN, XAN XAN, and VANDA Vanda.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ZEA ZEA, ZEA ZEA, and MA2 Magadan.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YAK, SHL, P16K, GUWA, GAMB, Q17K, Q16K, OHAK, P17K, Q18K, N16K, O17K, KDAK, K20K, K20K, P23K, GCSA, RAMM, M22K, PPLA, PPLA, PWL, PWL, PMR, PMR, J20K, J20K, KNK, KNK, CUT, CUT, GHO, CAST, CAST, JIRN, VIS, SML, SML, CHUM, PALK, PALK, PALK, PALK, GUN, GUN, EYAK, EYAK, KTH, KTH, RDG, RDG, KAIM, KAIM, SCM, SCM, TRF, TRF, PKI, PKI, PKIN, PKIN, DIV, WATI, BPAW, BPAW, HMT, HMT, KKN, KKN, SUCK, SUCK, SUCK, L91K, L91K.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TTA, TTA, N20K, N20K, SPCR, CAPN, M20K, M20K, M20K, SEW, SEW, L20K, MOY, MOY, ODAM, O22K, O22K, SUA, SUA, SKT, SKT, RC01, RC01, BOK, BOK, K20K, K20K, P23K, GCSA, RAMM, M22K, PPLA, PPLA, PWL, PWL, PMR, PMR, J20K, J20K, KNK, KNK, CUT, CUT, GHO, CAST, CAST, JIRN, VIS, SML, SML, CHUM, PALK, PALK, PALK, PALK, GUN, GUN, EYAK, EYAK, KTH, KTH, RDG, RDG, KAIM, KAIM, SCM, SCM, TRF, TRF, PKI, PKI, PKIN, PKIN, DIV, WATI, BPAW, BPAW, HMT, HMT, KKN, KKN, SUCK, SUCK, SUCK, KLU, KLU.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KLU, WAT6, DMN, RND, RND, BMRM, BMRM, BERG, M24K, M24K, I21K, I21K, MCK, MCK, PAF, PAF, H21K, H21K, H21K, H21K, N25K, N25K, WAX, MLY, MLY, MLY, VREDI, VREDI, MESA, MESA, MESA, MESA, G21K, HARP, NEA2, NEA2, NEA2, NEA2, ISLE, ISLE, H22K, MDRS, MCARA, MCARA, PAX, WRH, WRH, I23K, I23K, MAW, MAW, MAW, MAW, CCB, CCB, F1K, MDM, MDM, KOLN, DANN, BARN, BARN, BARN, BARN, COLA, COLA, COLA, COLA, COLA, COLA, HDA, HDA, K24K, PINN, H23K, H23K, H23K, PNL, PNL, M26K.

18d 5h

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like M26K Nabesna, AK, BCPM Banca Point, etc.

2016 DEC

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like HOPS Chandalar, E23K Haines Junctio, etc.

1300

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like J29M Klondike Camp, J29M Klondike Camp, etc.

RCHB		dPKP	PKPdf	06 05 35.8	-3.7	
RCHB		dPKPdf	PKP	06 05 39.3	-1.7	
RCHB		dPKP	pPKPdf	06 05 48.6	-5.3	
BMRD	Maredsous	135.57 338	dPKP	06 05 28.9		
BMRD			dPKPdf	06 05 38.5	-1.1	
SNF	Senefie	135.57 338	dPKP	06 05 39.5	+0.1	
WLF	Walferdange	135.58 337	dPKP	06 05 27.1		
WLF			dPKPdf	06 05 39.7	+0.1	
FETA	Feichten	135.63 331	eP	06 05 40.8	+0.7	
BFO	Black Forest	135.74 334		06 05 28.5		
BFO	Black Forest	135.74 334	PKHKP	06 05 28.5		
DOU	Dourbes	135.81 338	dPKP	06 05 27.7		
DOU			dPKPdf	06 05 40.3	+0.2	
DOU			PKPdf	06 05 40.2	-0.2	
DAVA	Damuels	135.83 332		06 05 40.8	+0.7	
FUORN	Opennes-Fuorn	136.14 331	IAMS_20	IAMS_20	07 11 58.2	
SPB	Sao Paulo	136.24 141	eP	PKIKP	06 05 43.2	-0.2
ECH	Echery	136.32 335	IAMS_20	IAMS_20	07 08 13.6	
SABA	Saba	136.35 75	IAMS_20	IAMS_20	06 52 01.9	
SMRT	St. Maarten	136.48 75	IAMS_20	IAMS_20	07 02 42.4	
SEUR	St. Eustatius	136.61 75	IAMS_20	IAMS_20	06 50 58.7	
ITRB	Iturama	136.97 134	eP	PKIKP	06 05 44.7	-0.3
TIP	Tipograda	137.18 318	IAMS_20	IAMS_20	07 11 19.5	
AQU	Amiquapa	137.38 324	IAMS_20	IAMS_20	07 14 12.1	
CLDB	Colider	137.66 119	eP	PKPdf	06 05 45.5	+1.0
CEL	Celeste	138.24 318	IAMS_20	IAMS_20	07 13 27.8	
ARAG	Araguaiânia, MT	138.38 128	eP	PKIKP	06 05 47.6	-0.3
BIM	Bigot	138.56 80	IAMS_20	IAMS_20	06 58 35.8	
MPOM	Morne Pois Mar	138.77 80	IAMS_20	IAMS_20	07 00 39.1	
BNI	Bardonecchia	138.98 332	IAMS_20	IAMS_20	07 03 48.2	
IPMB	Ipanema, GO	139.63 134	eP	PKPdf	06 05 47.9	-0.3
NPGB	Novo Progresso	139.75 114	eP	PKPdf	06 05 49.3	+0.9
CLTB	Cataltella	140.38 314	eP	PKPdf	06 05 51.0	
ITTB	Itatuba	140.47 110	eP	PKIKP	06 05 51.0	-1.2
BDBF	Brasília	141.30 131	PKHKP	PKPpre	06 05 44.3	
BDBF			PKP	PKPdf	06 05 50.7	-0.6
DIAM	Diamantina, MG	142.50 139	eP	PKPdf	06 05 54.5	+1.1
ALFO1	Guararapes	142.51 145	eP	PKPdf	06 05 51.9	-1.2
MALB	Monte Alegre	142.73 107	eP	PKPdf	06 05 54.8	+1.1
KEST	Kesra	143.98 319	PKP	PKPab	06 05 52.9	+0.1
KEST			PKP	PKPb	06 05 53.9	+0.5
MAHO	Mahon	144.05 329	PKPdf	PKPdf	06 05 54.4	-0.9
JANB	Januaria	144.36 134	eP	PKPdf	06 05 57.7	+1.1
CMAH	Djebel Manchoff	144.61 322	P	PKPab	06 05 54.4	-0.7
ABSA	Djebel Abasia	144.81 322	P	PKPab	06 05 55.7	-0.2
CAEH	Ain El Ouahch	144.85 333	P	PKPab	06 05 55.1	-0.8
NANO1	Guararapes	145.04 143	eP	PKPbc	06 05 56.9	-0.2
PRPB	Parauapebas	145.08 117	eP	PKPbc	06 05 57.4	0.0
CKFL	Kef-Lekehi	145.18 322	P	PKPbc	06 05 56.7	-0.5
MCPA	Micapa, AP	145.30 106	eP	PKPbc	06 05 58.6	+0.3
CASB	Ain Samar	145.41 323	P	PKPbc	06 05 57.7	-0.3
DFRA	Djebel Bou Aff	145.58 323	P	PKPab	06 05 59.2	+0.4
SMTB	Santa Maria do	145.64 123	eP	PKPbc	06 05 59.2	0.0
SDBA	SAO DESIDERIO	145.68 130	eP	PKPab	06 06 00.3	+0.7
SET	Setif	146.10 323	P	PKIKP	06 06 03.0	-0.3
MDP	Montagnes des	146.11 96	PKP	PKPdf	06 05 59.1	-0.5
MDP			PKPbc	PKPbc	06 06 00.3	-0.3
CKHR	Kef el Ahmar	146.16 323	P	PKPdf	06 05 59.2	-0.1
GUAN1	Guaratinga, BA	146.21 322	eP	PKPdf	06 06 01.7	-0.2
PBRG	Braganca	146.83 345	ePKPdf	PKPbc	06 06 01.7	-0.2
PGAV	Gavieira, Arco	147.08 345	ePKPdf	PKPbc	06 06 02.8	+0.1
PGAV	Gavieira, Arco	147.08 345	eLR	LR	06 58 52.1	
PCAB	Cabril	147.26 345	ePKPdf	PKPbc	06 06 03.6	+0.5
MVO	Moncorvo	147.50 343	ePKPdf	PKPbc	06 06 04.0	+0.1
MVO	Moncorvo	147.50 343	eLR	LR	06 57 21.6	
POLO	Lamas de Oio	147.51 344	ePKPdf	PKPbc	06 06 04.2	+0.3
PVRL	Vila Real	147.51 344	ePKPdf	PKPbc	06 06 04.2	+0.3
ESDC	Sonsec Array	147.85 338	PKP	PKPdf	06 06 01.3	-0.6
ESDC			PKPbc	PKPbc	06 06 04.7	-0.2
ESDC			PP	PP	06 09 23.4	-7.8
ESDC			PKP	PKP	06 09 23.4	-7.8
ESDC	Sonsec Array	147.85 338	PKPbc	PKPbc	06 06 05.5	+0.7
PPTO	Porto	147.94 345	ePKPdf	PKPbc	06 06 05.4	+0.5
PAB	San Pablo	148.11 339	PKP	PKIKP	06 06 06.5	-0.7
PAB	San Pablo	148.11 339	PKP	PKP	06 06 03.9	+0.8
PVIS	Viseu	148.16 344	ePKPdf	PKPbc	06 06 05.7	+0.1
TMVB	Tom-Au,PA,Br	148.27 112	eP	PKPdf	06 06 04.7	+1.4
MTE	Manteigas	148.35 343	ePKPdf	PKPbc	06 06 05.5	+0.3
MTE	Manteigas	148.35 343	eLR	LR	06 57 36.0	
MTE			PKIKP	PKIKP	06 06 07.5	-0.2
HO7N1	FLORES T-PHASE	148.38 471	18	PKPbc	06 06 08.1	-0.4
HO7N1			PKPbc	PKPbc	06 06 08.3	-0.2
HO7N1			PKPbc	PKPbc	06 06 08.3	-0.2
PCAS	Casimiro, Conde	148.94 345	ePKPdf	PKPbc	06 06 06.6	-1.0
PMRV	Marv???	149.21 343	ePKPdf	PKPbc	06 06 08.4	+0.1
PMRV	Marv???	149.21 343	eLR	LR	06 56 35.0	
PMRV			PKPbc	PKPbc	06 06 09.2	+0.1
PMRV			PKPbc	PKPbc	06 06 09.4	-0.3
PESTR	Estremoz	149.79 342	ePKPdf	PKPbc	06 06 09.6	-0.2
PMARR	Mafrã	150.17 345	ePKPdf	PKPbc	06 06 10.8	+0.1
EVO	Evora	150.22 343	ePKPdf	PKPbc	06 06 10.8	0.0
PBAR	Barrancos	150.25 343	ePKPdf	PKPbc	06 06 10.9	0.0
LIS	Lisboa	150.36 345	ePKP	PKPbc	06 06 11.2	+0.5
ROSA	Rosais	150.43 15	PKIKP	PKIKP	06 06 12.7	+0.7
ROSA	Rosais	150.43 15	ePKP	PKPbc	06 06 10.4	-0.9
PMAN	Manadas	150.55 15	ePKP	PKIKP	06 06 12.8	+0.5
PICO	Pico	150.59 15	ePKP	PKIKP	06 06 12.8	+0.2
PAGU	Agualva, Azore	150.64 15	ePKP	PKIKP	06 06 12.9	+0.4
PBEJ	Beja	150.85 342	ePKPdf	PKPbc	06 06 11.9	+0.1
PSCM	Serra do Cume	150.72 13	ePKP	PKPbc	06 06 11.9	-0.1
PID	Ribeira do	150.72 13	ePKP	PKIKP	06 06 13.0	+0.3
PNCL	Nicolau / Gran	150.76 343	ePKPdf	PKPbc	06 06 12.2	+0.1
SHEL	Horse Pasture	150.92 207	PKPbc	PKPbc	06 06 10.9	-2.2
SHEL	Horse Pasture	150.92 207	PKIKP	PKPbc	06 06 10.9	-2.2
MESJ	Messaia	150.93 343	ePKP	PKPbc	06 06 12.3	-0.1
MEJ	Messaia	150.93 343	ePKPdf	PKPbc	06 06 12.6	+0.1
PCVE	Castro Verde	151.06 342	ePKPdf	PKPbc	06 06 13.1	+0.3
PVAQ	Vaqueiros	151.17 341	ePKPdf	PKPbc	06 06 13.3	+0.2
PVAQ	Vaqueiros	151.17 341	eLR	LR	06 58 45.2	
PTEO	Sao Teotonio	151.34 343	ePKPdf	PKIKP	06 06 14.1	+0.2
KNFA	AfricaArray	151.46 260	eP	PKPbc	06 06 14.7	+0.2
MORF	Marmelete	151.55 343	ePKP	PKPbc	06 06 13.3	-0.6
MORF	Marmelete	151.55 343	ePKPdf	PKIKP	06 06 14.7	+0.3
ROSB	Rosita	151.62 116	ePKP	PKIKP	06 06 11.9	+0.1
PFVI	Vila Bisbo	151.76 343	ePKPdf	PKIKP	06 06 14.7	-0.1
PDA	Ponta Delgada	151.94 12	ePKP	PKPdf	06 06 10.2	+1.9
PGRON	Lagoa das Cont	151.97 11	ePKP	PKIKP	06 06 16.9	+1.6
BART	Pico Bartolome	152.01 11	ePKP	PKIKP	06 06 15.9	+0.5
PSMA	Santa Maria	152.77 11	ePKP	PKPbc	06 06 16.8	+0.1
PSMN	Pico do Norte	152.78 11	ePKP	PKPbc	06 06 17.9	+1.3
MDT	Midelt	154.00 332	PKP	PKPdf	06 06 11.6	0.0
MDT			PKPbc	PKIKP	06 06 19.9	+0.2
MDT			PKPbc	PKPbc	06 06 34.5	+0.5
NBCL	Cascavele-CE	155.86 126	eP	PKPdf	06 06 16.0	+1.5
RCBR	Riachuelo	156.66 132	PKPab	PKPab	06 06 44.8	0.0
RCBR	Riachuelo	156.66 132	PKPbc	PKPbc	06 06 14.8	-0.8
RCBR	Riachuelo	156.66 132	PKPbc	PKPbc	06 06 46.1	+1.3
RCBR	Riachuelo	156.66 132	PKIKP	PKPbc	06 06 14.8	-0.8
TORD	Torodi Ar. Bea	159.71 280	PKP	PKPdf	06 06 17.7	-1.5
TORD			PKPab	PKPab	06 06 57.8	-0.3
TORD			PP	PP	06 10 35.8	-4.3

TORD	Torodi Ar. Bea	159.71 280	PKPab	PKPdf	06 06 19.4	+0.1
TORD			PKPab	PKPab	06 06 59.3	+1.2
KIC	Kosan Bokla	165.54 256	PKIKP	PKPab	06 06 23.7	-1.3
DBIC	Dimboko	165.74 257	PKP	PKPdf	06 06 23.8	-1.4
DBIC			PKPab	PKPab	06 07 24.4	-0.1
DBIC			PP	PP	06 11 09.9	-2.0
DBIC			PKPab	PKPab	06 06 25.0	-0.2
DBIC			PKPab	PKPab	06 07 25.0	+0.4
LIC	Lamto	165.78 255	PKIKP	PKPdf	06 06 23.9	-1.3
TIC	Toudi	165.89 256	PKIKP	PKPdf	06 06 24.0	-1.3
BBTS	Babate	175.08 333	PKP	PKPdf	06 06 30.0	-0.2

TUL 18 05:52:59.8,0.3,35.671N,0.010:97.40W,0.01, h7km,3km, ML3.7, mb_Lg3.6/106(NEIC), Error ellipse: s-maj=1.5km s-min=1.2km az=155.0

ANF 18 05:53:00.3,0.6,35.70N,97.38W, h7km, ML4.3/16, Error ellipse: s-maj=7.5km s-min=7.3km az=98.0

NEIC 18 05:53:00.5,0.4,35.666N,0.009:97.395W,0.007, h7km,3km, Error ellipse: s-maj=1.5km s-min=0.3km az=152.0

ISC 18 05:52:60.0,0.9,35.69N,0.02:97.40W,0.02,h9km,6km, n22,0:67/102,Oklahoma

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
OK009	Oakdale Elemen	0.11 191	Pg	Pg	05 53 02.2	-0.3
OK025	Westminster Rd	0.12 154	Pg	Pg	05 53 02.5	-0.2
OK025			Sg	Sg	05 53 04.4	+0.1
OK003	Luther M Schoo	0.17 100	Pg	Pg	05 53 03.8	+0.2
BCOK	Bluff Creek, N	0.17 261	Pg	Pg	05 53 03.5	0.0
BCOK			Sg	Sg	05 53 05.5	+0.4
FNO	Franklin	0.43 180	Sg	Sg	05 53 08.0	-0.3
FNO			Sg	Sg	05 53 13.9	0.0
OK033	Mehan	0.52 46	Pg	Pg	05 53 10.3	+0.3
OK031	Brethren Rd	0.53 59	Pg	Pg	05 53 10.3	+0.1
OK05	SW W Deep R	0.59 56	Pg	Pg	05 53 11.5	0.0
W35A	Tecumseh	0.68 141	Pg	Pg	05 53 12.6	-0.5
QUOK	Quay	0.74 49	Pg	Pg	05 53 14.2	-0.1
QUOK			IAMB_Lg	IAMB_Lg	05 53 23.8	
DEOK	Depew	0.75 78	Pg	Pg	05 53 13.8	-0.6
DEOK			IAMB_Lg	IAMB_Lg	05 53 25.3	
OK050	Pawnee Station	0.78 25	Pg	Pg	05 53 15.1	+0.1
OK046	Pawnee Station	0.81 29	Pg	Pg	05 53 15.6	-0.1
CRK	Carrier	0.94 30	Pg	Pg	05 53 17.9	-0.2
CSTR	Hydro, Custer	1.05 268	Pg	Pg	05 53 19.6	-0.6
CSTR			IAMB_Lg	IAMB_Lg	05 53 34.9	
BLOK	Blackwell	1.08 8	Pg	Pg	05 53 20.4	-0.3
X34A	Smith Ranch, M	1.14 198	Pg	Pg	05 53 21.3	-0.5
GC02	Grant County #	1.22 342	Pg	Pg	05 53 22.9	-0.6
KN13	South Haven SW	1.33 357	Pg	Pg	05 53 24.8	+0.1
TUL1	Leonard	1.33 80	Pn	Pn	05 53 23.6	-1.1
TUL1			IAMB_Lg	IAMB_Lg	05 53 45.5	
TUL1			Pn	Pn	05 53 23.6	-1.1
TUL1			Sb	Sb	05 53 42.9	+0.8
KN14	Manchester OK	1.35 340	Pn	Pn	05 53 25.0	-0.1
T35A	Sooner Cattle	1.42 30	Pn	Pn	05 53 26.0	0.0
T35B	Sooner Cattle	1.42 30	P	Pn	05 53 26.0	-0.1
T35						

1305

Table with station names (VNSA, SBA, TORD) and their associated frequencies, coordinates, and other technical details.

WEL 18 05:53:54.0, 4.42 S; 2°17'46.2 E, h10km, 3km, M3.7/35, ML3.9/14, MLV3.7/35, Error ellipse: s-maj=0.0km s-min=0.0km az=66.3, confirmed, Cook Strait

Main table listing station names, coordinates, and various technical parameters for stations in the Cook Strait region.

MOS 18 05:54:52.5, 1.5, 43.26N; 75.08E, h13km, mb4.4/2, Error ellipse: s-maj=6.0km s-min=5.3km az=57.0

IDC 18 05:54:52.1, 0.9, 43.22N; 75.26E, h0km, mb3.9/3, mbtmp4.2/10, ML3.7/7, Error ellipse: s-maj=16.6km s-min=6.5km az=127.0

NNC 18 05:54:53.0, 0.1, 43.23N; 75.22E, h0km, 1km, mb5.0, mpv2.0, Error ellipse: s-maj=1.7km s-min=0.7km az=3.0

KNET 18 05:54:53.0, 0.1, 43.22N; 75.21E, h18km, mb4.8, SOME 18 05:54:53.0, 43.23N; 75.22E, h5km, MS3.5

KNET 18 05:54:53.7, 0.5, 43.16N; 75.20E, h13km, 2km, ml4.0, Error ellipse: s-maj=4.4km s-min=2.1km az=4.0

NEIC 18 05:54:54.2, 1.4, 43.29N; 0.04; 75.06E; 0.08, h12km, 6km, mb4.5/3, Error ellipse: s-maj=9.6km s-min=3.0km az=125.0

ISC 18 05:54:53.4, 0.9, 43.24N; 0.02; 75.18E; 0.01, h10km, 6km, n198, s1941/297, mb4.3/9, 62C-50D, Lake Issyk-Kul region

Summary table for stations in the Lake Issyk-Kul region, listing station names, coordinates, and technical parameters.

2016 DEC

Main table listing station names, coordinates, and various technical parameters for stations in the 2016 DEC region.

1805 5h

Main table listing station names, coordinates, and various technical parameters for stations in the 1805 5h region.

18d 6h

Table with columns for station name, frequency, power, and status. Includes stations like DZA Taraz, TDK Taldyqorghhan, etc.

2016 DEC

Table with columns for station name, frequency, power, and status. Includes stations like SEM Semipalatinsk, SEM Semipalatinsk, etc.

1306

Table with columns for station name, frequency, power, and status. Includes stations like MTN Warramunga Arr, WRO Warramunga Arr, etc.

IDC 18 06:01:25.5:0.9:5.75S:153.51E, h0km, mb4.4/15, mbmp4.4/16, ML3.8/1, Error ellipse: s-maj=30.7km s-min=18.0km az=90.0

ISC-EH 18 06:01:28.8:2.5:6.35S:153.18E, h15km, Error ellipse: s-maj=12.2km s-min=7.7km az=101.0

NEIC 18 06:01:28.8:2.1:5.58S:0.05E:153.06E:0.08, h10km, 1km, mb4.5/27, Error ellipse: s-maj=15.5km s-min=4.6km az=62.0

ISC 18 06:01:32.6:0.5:5.67S:0.06E:153.25E:0.08, h43km, n56, s191/62, mb4.5/29, New Ireland region

Table with columns: Code, Station Name, Frequency, Power, Status. Includes stations like KRVT Keravat, RABL Rabaul, etc.

CNRM 18 06:06:14.0, 36.57N:10.38W, h7km, ml2.9
MDD 18 06:06:13.3:0.6, 36.78N:10.87W, h27km, 15km, mb_Lg3.4/22, Error ellipse: s-maj=14.6km s-min=3.7km az=52.0

INMG 18 06:06:14.5:1.5, 36.75N:10.80W, h27km, 21km, ML3.1, Error ellipse: s-maj=15.7km s-min=3.6km az=60.0

ISC 18 06:05:11.6:1.1, 36.71N:10.40E:105.60W:0.07, h29km, 13km, n98, s28/26/158, 5C-ZD, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Frequency, Power, Status. Includes stations like PSVI Cabo S. Vicent, PSVI Vila Bispo, etc.

Table with columns: MESJ, comp, IAML, 06 07 18.0, 06 06 49.4 -2.2, 06 07 15.3 +1.6, 06 07 21.1, 06 06 50.2 -2.0, 06 07 16.8 +2.2, 06 07 19.9, 06 07 14.4 -0.6, 06 07 18.7 -2.1, 06 07 16.2 +0.5, 06 07 18.1, 06 06 54.6 +1.6, 06 07 16.4 +0.6, 06 07 18.1, 06 07 19.9 +2.7, 06 07 22.0 +3.5, 06 06 52.7 -2.4, 06 07 20.0 +2.0, 06 07 23.0, 06 06 52.6 -2.4, 06 06 52.7 -2.4, 06 07 17.0 -1.7, 06 06 51.6 +1.4, 06 07 19.5 -0.2, 06 07 21.4, 06 06 53.7 +2.2, 06 07 23.3 +1.3, 06 07 29.3, 06 07 24.3 +2.0, 06 06 55.5 +2.8, 06 07 25.6 +1.5, 06 07 27.9, 06 07 44.0 +2.1, 06 07 28.0 +1.3, 06 06 56.4 +2.2, 06 07 28.1 +1.3, 06 07 29.7, 06 07 32.8 +1.8, 06 07 33.1 +1.7, 06 06 59.5 +1.7, 06 07 33.5 +0.3, 06 07 37.4, 06 07 01.0 +1.5, 06 07 36.6 +0.3, 06 07 38.7, 06 07 02.8 +2.4, 06 07 38.9 +1.0, 06 07 41.6, 06 07 02.9 +2.3, 06 07 39.0 +0.6, 06 07 49.6, 06 07 04.6 +2.5, 06 07 41.7 +0.8, 06 07 44.0 +2.1, 06 07 06.3 +1.7, 06 07 46.2 +0.7, 06 07 48.2, 06 07 09.1 +1.6, 06 07 50.0 -0.6, 06 07 52.6, 06 07 08.4 +0.9, 06 07 50.0 -0.6, 06 07 52.9, 06 07 12.2 +3.1, 06 05 54.8 +1.4, 06 07 57.4, 06 07 12.8 +1.8, 06 07 56.0 +0.2, 06 07 58.3, 06 07 17.0 +1.6, 06 08 04.4 -0.5, 06 07 19.9 +1.6, 06 07 16.7 +1.3, 06 08 00.8 -4.1, 06 07 18.9 +2.5, 06 08 06.4 -0.2, 06 08 08.4, 06 07 18.1 +1.3, 06 08 06.5 +0.8, 06 08 07.5, 06 07 20.2 +1.7, 06 08 09.3 +1.1, 06 08 10.8, 06 07 19.7 +0.4, 06 08 04.3 -7.7, 06 08 11.9 -2.9, 06 07 24.5 +3.4, 06 08 12.7 -2.4, 06 08 23.2, 06 07 28.4 +3.6, 06 08 24.4 +2.8, 06 08 23.5 +0.5, 06 08 26.2, 06 07 26.2 +0.1, 06 08 21.8 -2.3, 06 08 24.7, 06 07 28.1 +1.1, 06 08 23.5 -2.2, 06 08 38.8, 06 07 33.0 +4.5, 06 08 29.6 +1.3, 06 08 34.9, 06 07 30.1 +1.6, 06 08 25.9 -2.4, 06 08 29.9, 06 07 31.4 +1.3, 06 08 27.9 -3.4, 06 08 46.5, 06 07 32.8 +0.7, 06 08 30.9 -3.8, 06 08 34.4, 06 07 33.5 +1.0, 06 08 36.9, 06 07 34.0 +0.5, 06 07 37.2 +3.5, 06 08 40.4 +2.8, 06 08 45.1, 06 07 36.6 +1.9, 06 08 38.5 -1.0, 06 08 39.4, 06 07 37.5 +2.7, 06 08 40.4 +0.9, 06 07 40.3 +4.5, 06 08 42.1 +0.6, 06 08 48.6, 06 07 34.9 -2.2, 06 08 32.1 -1.2, 06 09 01.4, 06 07 35.0 -2.2, 06 08 34.3 -1.0, 06 07 35.1 -1.9, 06 07 35.2 -2.2, 06 08 44.9, 06 07 40.0 +1.8, 06 07 39.9 +1.8

Table with columns: QUK, Calabor, 6.04 29, S, Sn, 06 08 42.6 -3.1, 06 07 36.3 -2.8, 06 08 44.7 -2.7, 06 08 48.0, 06 07 41.3 +2.1, 06 08 45.7 -1.7, 06 08 48.3, 06 07 43.4 +2.8, 06 08 49.7 -0.4, 06 08 54.0, 06 07 42.4 +1.3, 06 08 42.5 -8.4, 06 07 43.9 +1.0, 06 07 43.9 +1.0, 06 08 45.4 -8.8, 06 07 42.6 -0.8, 06 08 47.7 -6.4, 06 08 54.0, 06 07 44.3 +0.3, 06 08 51.3 -4.7, 06 08 54.3, 06 07 46.4 +2.0, 06 08 54.3 -2.6, 06 08 58.7, 06 07 48.4 +1.1, 06 07 48.4 +1.1, 06 08 58.0 -4.0, 06 07 52.5 +2.5, 06 08 04.7 -2.1, 06 07 53.2 +2.6, 06 09 02.9 -5.0, 06 07 54.0 +2.3, 06 09 04.2 -5.9, 06 07 54.8 +0.8, 06 09 09.1 -5.0, 06 09 15.1, 06 07 58.0 +2.0, 06 07 58.1 +2.1, 06 09 11.5 -6.1, 06 09 11.5 -6.1, 06 09 20.6 -2.1, 06 09 20.6 -2.1, 06 08 06.9 +3.8, 06 09 27.5 -3.0, 06 09 34.2, 06 09 24.0 +1.0, 06 09 24.9 -6.0, 06 08 05.2 +1.0, 06 09 28.6 -3.8, 06 09 33.4, 06 08 06:55.0±4.5, 117°8'N-44°61'W, h0km, mb4.0/3, mbtmp4.0/3, Error ellipse: s-maj=208.8km s-min=35.9km az=6.0, Northern Mid-Atlantic Ridge, TORO Torodi Ar. Bea 45.19 83 P Sn 06 15 14.0 -0.1, TXAR Lajitas Array 57.41 297 P 06 16 45.8 -0.1, BRTR Keskin Array B 73.56 52 P 06 18 30.4 0.0, IDC 18 06:10:41.5±0.7, 86°32'N-35°16'E, h0km, mb3.8/14, mbmp3.8/18, ML3.8/4, MS3.9/2, Error ellipse: s-maj=22.5km s-min=12.5km az=75.0, ISC-EH 18 06:10:41.8±0.6, 86°30'N-34°69'E, h10km, Error ellipse: s-maj=7.1km s-min=4.6km az=83.0, NEIC 18 06:10:41.6±1.7, 86°33'N-0°06'±3.6E, h10km, 1km, mb4.5/35, Error ellipse: s-maj=17.5km s-min=6.0km az=59.0, IEPN 18 06:10:46.0±0.9, 85°94'N-42°44'E, h10km, IDC 18 06:10:42.1±0.5, 86°18'N-0°05'±34.7E, h10km, n84, G209/83, mb4.4/31, North of Svalbard, ZFI Zemlya Franca 5.58 158 Op ISC 06 12 03.5 -1.4, NOR 65nm 2.0s 6.74 257 P Sn 06 12 23.6 +2.8, NOR Nord 6.74 257 P Sn 06 12 24.3 +3.4, NOR 06 12 26.8, KBS Kingsbay 7.73 213 Pn 06 12 35.0 +0.5, KBS Kingsbay 7.73 213 Pn 06 12 35.4 +0.9, KBS Kingsbay 7.73 213 Pn 06 12 35.0 +0.5, SPAO Spitsbergen Ar 8.33 206 Pn 06 12 42.3 -0.4, SPAO Spitsbergen Ar 8.33 206 eP Sn 06 12 42.2 -0.4, SPAO Spitsbergen Ar 8.33 206 eS Sn 06 14 12.4 -4.2, SPAO Spitsbergen Ar 8.33 206 eS Sn 06 14 13.5 -3.1, SPAO 06 14 30.3, SPITS 8.33 206 Pn 06 12 42.3 -0.4, SPB2 Spitsbergen Ar 8.33 206 Pn 06 12 42.9 +0.2, BRBB Barentsburg B 8.48 209 Pn 06 14 16.7 -3.5, BRBB Barentsburg B 8.48 209 eP Sn 06 12 44.6 -0.1, BRBB 06 14 15.7 -4.5, BRBA Barentsburg A 8.51 209 Pn 06 12 45.6 +0.4, BRBA Barentsburg A 8.51 209 eP Sn 06 12 44.2 -0.9, BRBA 06 14 44.4, HOPEN 9.80 193 e IAML 06 14 47.4, SVZ Severnaya Zem 9.95 92 eP Sn 06 13 00.6 -4.2, DAG Danmarks Havn 11.42 248 iP Sn 06 13 27.0 +2.1, RES Resolute Bay 11.42 248 eP Sn 06 13 11.5 -1.3, EUNU Eureka 12.43 316 Pn 06 13 34.7 -4.0, NEEM 12.91 283 iP IAML 06 13 42.9 -2.6, TULEG Thule 14.90 298 IAML 06 14 08.8 -3.6, SUMG Summit 16.80 265 iP Pn 06 14 32.2 -5.2, SUMG 06 14 37.9, ARAO 16.80 191 P 06 14 38.8 -0.4, ARCES ARCES Array B 16.80 191 Pn 06 14 36.8 -0.2, ARCES ARCES Array B 16.80 191 P 06 14 39.4 +0.2, RES Resolute Bay 16.80 319 Pn 06 14 52.2 -0.8, RES 16.80 319 Pn 06 14 52.1 -0.8, NRIK Noril'sk 18.72 118 Pn 06 15 02.3 +1.6, NRIK 18.72 118 Pn 06 14 59.1 -1.2, LSH Leshukonskoy 21.57 167 eP P 06 15 30.0 -0.6, A36M Sachs Harbour 21.77 343 P IAMB 06 15 32.1 -1.3, A36M 06 15 40.0, A21K Barrow 22.58 9 P IAMB 06 15 39.6 -2.4, A21K 06 16 04.9, SFJD Kangerlussuaq 23.12 274 P 06 15 48.2 +0.6, CMG Paulutuk 24.40 342 P 06 16 01.6 +0.6, BILL Billini 24.82 42 P 06 16 03.5 -0.3, FINES FINES Array B 24.92 190 LR 06 25 57.3, TOLK Toolik Lake Re 25.33 3 P 06 16 06.5 -2.0, NC20A NORSAR Array S 25.41 20 P 06 16 10.2 +1.0, INK Inuvik 25.60 350 P 06 16 10.5 -0.4

Table with columns: INK Inuvik 25.60 350 P IAMB 06 16 09.2 -1.7, NOA NORSAR Array S 25.63 206 P IAMB 06 16 14.3 +3.1, BMAR Mount 26.55 359 P 06 16 18.4 -1.1, COLD Coldfoot 26.75 4 P IAMB 06 16 20.6 -0.7, KIRV Kirov 27.89 163 LR 06 29 23.2, H21K Melozitna Rive 28.31 6 P IAMB 06 16 35.1 -0.1, I21K Tanana 28.79 6 IAMB 06 16 42.5, ILAR Eielson Array 29.22 1 P 06 16 43.0 -0.4, BPBW Bear Paw Mtn. 29.88 5 P IAMB 06 16 48.6 -0.7, DAWY Dawson 29.91 355 P IAMB 06 16 47.5 -2.0, DOT Dot Lake 30.35 359 P IAMB 06 16 50.0 -3.4, YKA Yellowknife Ar 31.02 332 P 06 17 00.0 +0.8, SKT Skwentna 32.01 5 P 06 17 08.1 +0.1, SCM Sheep Creek Mo 32.17 2 P 06 17 07.5 -2.0, PMR Palmer 32.41 3 P IAMB 06 17 09.9 -1.5, RC01 Rabbit Creek A 32.91 4 P 06 17 12.2 -3.6, BVAR Borovoye Array 34.11 141 P 06 17 26.2 -0.1, CLL Collin 35.32 203 eP Px 06 17 36.0, AKAGS Malin Array Be 35.66 186 P 06 17 41.1 +1.3, AKAGS 35.66 186 P 06 20 09.5 +1.7, WLF Walferdange 37.18 211 P IAMB 06 17 53.1 +0.4, WLF 37.18 211 P IAMB 06 17 56.3, ABKAR Abkulak array 37.49 152 P 06 17 56.2 +0.8, GEC2 GERESS Array S 37.77 202 P IAMB 06 17 58.8 +1.0, GEC2 37.77 202 P IAMB 06 17 59.7, GERES GERESS Array B 37.77 202 P 06 17 58.7 +0.8, MAKZ Makanchi 40.86 129 P 06 18 23.1 -0.5, MK31 Makanchi Array 40.90 129 P 06 18 23.9 +0.1, MKAR Makanchi Array 40.90 129 P 06 18 24.4 +0.5, MKAR 40.90 129 P 06 18 23.0 -0.9, SONM Songino Array 41.30 104 P 06 18 26.3 -1.0, KK31 Karatay Array 44.02 142 P 06 18 49.9 +0.6, KKAR Karatay Array 44.02 142 P 06 18 50.5 +1.2, B08A Colville Resear 45.31 336 IAMB 06 18 59.0 -0.6, BRTR Keskin Array B 46.62 181 P 06 19 12.9 +2.8, HRY Holter Researc 46.72 328 P 06 19 10.7 -0.1, HSD Sonseca Array 47.55 221 P 06 19 20.6 +3.1, GEYT Alibek 48.75 155 P 06 19 29.5 +3.0, PDAR Pinedale Array 50.58 326 P 06 19 40.1 -0.6, KVN Kaiserville 54.57 334 P IAMB 06 20 08.9 -1.3, YERR Yerington 54.67 335 P IAMB 06 20 09.8 -1.2, R11A Troy Canyon, C 55.20 331 IAMB 06 20 17.6, NVAR Mina Array Bea 55.20 334 P 06 20 15.0 +0.2, QSM Queen of Sheba 57.61 333 P IAMB 06 20 31.1 -0.6, TXAR Lajitas Array 63.73 319 P 06 21 12.9 -0.7, IDC 18 06:15:42.1±0.8, 35°02'S×108°19'W, h0km, mb4.4/12, mbtmp4.4/12, MS4.9/11, Error ellipse: s-maj=23.8km s-min=19.1km az=23.0, ISC-EH 18 06:15:44.8±34.95'S-107°30'W, h10km, Error ellipse: s-maj=6.9km s-min=5.3km az=41.0, NEIC 18 06:15:45.8±1.6, 34°99'S-0°09'±107°9'W, h10km, 1km, mb5.1/17, Ms 20.5/7130, Mwbs5.0/8, Error ellipse: s-maj=23.1km s-min=14.2km az=250.0, Moment Tensor Solution: Moment Tensor: Scale 10^17 Nm; Mw:0.37; Mw-0.69; Mw-0.32; Mw-0.65; Mw-2.00; Mw-0.01; Fault plane solution: M2 19000±10^17; NP1±96.33000°; δ87.65000°; λ161.98000°. NP2±187.09000°; δ72.00000°; λ247000°. Principal axes: T 1.9783, P14.0000°, Azm50.0000°; N 0.3715, P1g72.000°, Azm269.0000°; P -2.3498, P1g11.0000°, Azm143.0000°, GCMT 18 06:15:49.8±0.2, 34°96'S±0°11'±108°00'W±0°01', h22km, 1km, Mw5.5/150, Moment Tensor Solution: s73, c103; s150, c266; Duration: 195; Moment tensor: Scale 10^17 Nm; Mw-0.19; Mw-0.19; Mw-0.74; Mw-0.05; Mw-0.33; Mw-0.05; Mw-0.2; Mw-2.48; Mw-0.37; Mw-0.09; Best double couple: M2 65400±10^17; NP1±9.0000°; δ86.0000°; λ-9.0000°. NP2±100.0000°; δ81.0000°; λ-176.0000°. Principal axes: T 2.7240, P1g4.0000°, Azm55.0000°; N -0.1400, P1g80.000°, Azm165.0000°; P -2.5840, P1g9.0000°, Azm324.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, IDC 18 06:15:45.4±0.4, 34°96'S±0°08'±107°84'W±0°07', h10km, n267, s1978/203, mb5.0/68, MS5.4/49, 1C-3D, Southern East Pacific Rise, H03S2 Juan Fernandez 23.85 96 T 06 45 57.2, H03S1 Juan Fernandez 23.86 96 T 06 45 59.6, H03S3 Juan Fernandez 23.86 96 T 06 45 58.3, H03N2 Juan Fernandez 23.92 95 T 06 46 01.8, H03N3 Juan Fernandez 23.93 95 T 06 46 02.0, H03N1 Juan Fernandez 23.94 95 T 06 45 56.1, LL05 Laufermos 27.64 114 P 06 21 34.6 +1.5, LL07 Hotel Espejo d 27.73 117 P 06 21 34.4 +0.5, LL04 Puerto Octay 28.43 113 P 06 21 42.6 +2.3, LL03 Petrohue 28.44 113 P 06 21 42.7 +2.4, LL03 06 21 57.7, LR03 Panguipull 28.50 110 P 06 21 41.1 +0.2, COYC Coyhaique 29.05 122 P 06 21 44.7 -1.0, G006 Curarehue 29.17 110 P 06 21 48.6 +1.6, G006 06 21 51.7, ML02 Panimavida 29.61 102 P IAMB 06 21 52.1 +1.3, ML02 06 21 54.2

18d 6h

Table with columns: PLCA, Paso Flores, 29.84 112 P, 06 21 54.5 +1.6, etc. Includes entries for PLCA, MG05, BO04, MT05, etc.

2016 DEC

Table with columns: TBGT, Tabatinga, AM, 46.56 58 eP, 06 24 12.1 -1.5, etc. Includes entries for TBGT, PTLB, PTAB, etc.

1308

Table with columns: JLU, Jordanelle, 75.26 357 Iamb, 06 27 36.9, etc. Includes entries for JLU, BMN, N35A, etc.

NEIC 18 06:19:43.1±0.8, 4.9S:0.1; 154.4E:0.1, h83km, 7km, mb4.2/19, Error ellipse: s-maj=17.6km s-min=15.6km az=212.0

ISC 18 06:19:45.7-0.7, 5.07S; 154.32E; 0.09, h100km, n34, c134.33, mb4.1/18, Bougainville-Solomon Islands region

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

IDC 18 06:27:18.4-4.9, 5.97S; 153.83E, h0km, mb3.8/6, mbmp3.8/6, Error ellipse: s-maj=165.6km s-min=26.2km az=110.0

ISC 18 06:27:25.1-4.4, 6.05S; 153.8E; 0.9, h48km, n7, c0534/7, mb3.7/6, New Britain region

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

IDC 18 06:36:50.2-1.6, 0.05N; 121.86E, h0km, mb3.8/4, mbmp3.8/4, Error ellipse: s-maj=183.1km s-min=26.4km az=60.0

NEIC 18 06:37:01.2-1.2, 1.1S; 0.10x119.72E; 0.10, h35km, 2km, mb4.0/12, Error ellipse: s-maj=17.9km s-min=15.0km az=4.0

DJA 18 06:37:19.7-0.8, 0.0N; 6.1x12.2E; 0.1, h248km, 6km, M3.8/6, mb5.2/1, mb6.0/1, MLV3.1/6, Mw(MB)5.6/1

ISC 18 06:37:17.0-0.8, 0.00S; 109.9; 121.91E; 0.10, h250km, n28, c249/37, mb4.0/9, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Includes stations like MRSI Marisa, APFI Ampana, GTOI Gorontalo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Includes stations like PMG Port Moresby, TVIH Townsville Har, BBOO Buckleboe, etc.

IDC 18 06:39:39.1-0.4, 6.25S; 154.39E, h0km, mb5.0/23, mbmp4.9/25, ML4.7/2, MS5.3/54, Error ellipse: s-maj=17.2km s-min=10.8km az=86.0

BUL 18 06:39:40.1-0.0, 6.43S; 154.87E, h27km, mb5.3/60, mb5.6/70, MS5.7/81, MS7.5/75

NEIC 18 06:39:42.9-1.7, 6.30S; 0.06x154.35E; 0.06, h12km, 1km, MS5.5/298, MS5.2/5.730, Mw(MB)5.7/34, Mw(MB)5.9/2, Error ellipse: s-maj=10.3km s-min=9.6km az=110.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M1:3.56; M2:-1.57; M3:1.99; M4:0.12; M5:2.99; M6:-0.60; Fault plane solution: Mw4.35000x10^17 Np1; 0.144, 27000; 849, 06000; 199, 97000. NP2: 0.309, 25000; 841, 93000; 178, 71000. Principal axes: T 3.6373, Plg82.0000, Azm112.0000; N 1.1773, Plg8.0000, Azm318.0000; P -4.8145, Plg4.0000, Azm227.0000

ISC-EH 18 06:39:44.7, 6.36S; 154.27E, h24km, 2km Error ellipse: s-maj=13.0km s-min=11.80

MOS 18 06:39:44.0, 1.0, 6.32S; 154.28E, h36km, mb5.6/35, MS5.3/10, Error ellipse: s-maj=8.1km s-min=5.8km az=112.5

DJA 18 06:39:45.8-0.7, 6.52S; 154.4E, h32km, 5km, MS.7/85, mb5.7/85, mb6.1/68, MLV5.9/3, Mw(MB)5.7/68, Mw(Mw)5.6/10, Mw(MB)5.7/10

GCMT 18 06:39:47.0, 6.51S; 154.31E; 0.01, h21km, Mw5.8/159, Moment Tensor Solution. s148, c281; N1; M1:6.24; M2:0.07; M3:-4.49; M4:0.05; M5:-1.75; M6:0.05; M7:1.20; M8:2.78; M9:0.04; M10:2.12; Best double couple: M1:6.87; M2:0.74; M3:1.92; M4:0.00; M5:0.00; M6:1.01; M7:0.00; M8:0.00; M9:2.92; M10:0.00; 836.00000; 1.74.00000; Principal axes: T 6.7910, Plg77.0000, Azm78.0000; N -0.2090, Plg9.0000, Azm305.0000; P -6.5820, Plg10.0000, Azm214.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 18 06:39:50.6, 5.53S; 154.34E, h22km, Moment Tensor Solution. Duration: 14s0 Moment tensor: Scale 10^17Nm; M1:7.72; M2:-5.38; M3:-2.34; M4:1.57; M5:3.37; M6:-1.60; Fault plane solution: Mw7.96000x10^17 Np1; 0.298, 0000; 837, 0000; 1.84, 00000. NP2: 0.126, 00000; 853, 00000; 1.94, 00000. Principal axes: T 8.0558, Plg81.0000, Azm55.0000; N -0.1896, Plg3.0000, Azm304.0000; P -7.8662, Plg9.0000, Azm213.0000

ISC 18 06:39:44.2-0.5, 6.36S; 154.34E; 0.04, h23km, 3km, n112, c167/888, mb5.5/261, MS5.7/237, 12C-7D, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res. Includes stations like TARA Tarawa, QIS Mount Isa, QIS Mount Isa, etc.

18d 6h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like BBOO, DAV, MMRI, LUWI, etc.

18d 6h

Table with columns: WKZ, Station, Frequency, Power, and other technical details. Includes stations like Wanaka, MOZ, MLZ, etc.

18d 6h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KSAR, Wonju Array Be, etc.

1310

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KSAR, Wonju Array Be, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Franklin Bluff, Million Dollar, Kashi, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Neilton Lookou, San Andres Ge, Inuvik, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Palm Desert, Battle Mountain, Greentree Val, etc.

1317

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like NONG, TBI, CN2, ENH, NAYO, GYA, HNS, BNK, GSI, GSI, GSI, KLR, XAN, PHRA, KMI, KMI, KMI, PETK, CMAR, CMAR, CHTO, CHTO, PZH, PZH, XLT, CD2, HEH, HHC, TNCH, HIA, HIA, HIA, LZH, LZH, LZH, LZH, ZEA, ZEA, TAEO, CASY, GTA, GTA, YAK, YAK, YAK, Vnda, Vnda, Vnda, ZAK, RAMM, MOY, JIRN, GUN.

2016 DEC

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PKI, BILL, BILL, BILL, BILL, BILL, PKIN, KKN, DMN, O17K, KOLN, DANN, Q16K, ANM, PYUN, SVW2, SVW2, N19K, ILSW, WMQ, WMQ, WMQ, CNPM, L19K, M19K, HYBB, TTA, TTA, TTA, M20K, L20K, GCSA, K20K, SUA, SUA, RC01, J20K, J20K, M22K, M22K, CAST, CAST, PWL, PWL, DGZ, PMR, PMR, CHUM, SML, TRF, SCM, I21K, H21K, WAT6, RND, MCK, KLU, KLU, G21K, MLY, MLY, M24K, DHY, BMRM, H22K, NEA2, F21K, N25K, I23K, WRH, GLB, G22K, H23K, MK31, MK31, MKAR, MKAR, MKAR, MKAR, COLA, COLA, COLA, HDA, MAZK, MAZK, MAZK.

18d 7h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MAKZ, G23K, IL31, IL31, ILAR, ILAR, ILAR, COLD, COLD, H24K, E22K, RIDG, ZAAO, ZALV, ZALV, ZALV, J25K, J25K, L26K, QSPA, SCRK, SCRK, SCRK, M27K, G24K, O28M, E23K, D23K, J26L, J26L, F24K, L27K, TOLK, TOLK, E24K, G25K, K27K, C23K, MAW, F25K, C24K, EGAK, E25K, G26K, KSH, KSH, KSH, I27K, F26K, D25K, H27K, L29M, G27K, KURK, KURK, KURK, KURB, KURB, J29M, K29M, C26K, I29M, I29M, C27K, E27K, MAYO, EPYK, G30M, NRIK, NRIK, NRIK, F31M, INK, INK, GAR, GAR, KK31, KK31, KKAR, KKAR, KKAR, BEKR, VCNR, MDPB, YERR, BVAR, LHV, EDW2, RYN, CWC, NVAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BFSC Mount Baldy Ra, HAWA Hanford, NV11 Mina Array Sit, etc.

18d 7h: 14:44.1, 2.2, 5.60S: 154.40E, h0km, mb4.3/2, mbmtmp4.3/2, MS4.4/5, Error ellipse: s-maj=166.8km s-min=49.3km az=132.0, Bougainville-Solomon Islands region

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

18d 7h: 16:42.0, 2.7, 5.49S: 153.98E, h0km, mb4.2/3, mbmtmp4.3/4, ML4.2/1, Error ellipse: s-maj=161.9km s-min=59.5km az=31.0, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

mb4.5/22, Error ellipse: s-maj=13.7km s-min=5.9km az=80.0

18d 7h: 20:37.0, 4.0, 6.43S: 154.40E, h59km, 32km, mb3.9/12, mbmtmp4.2/14, ML3.3/2, Error ellipse: s-maj=34.2km s-min=18.2km az=113.0

DJA 18 07:20:40.2, 0.6, 7.54: 151.4E, h66km, 7km, ML4.8/13, MB5.6/4, mb4.5/13, MLV4.8/3, Mw(mB)5.1/4

ISC 18 07:20:35.4, 0.5, 6.41S: 150.08E, 154.41E, 0.08, h48km, n48, 1976/44, mb4.3/24, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RABL Rabaul, HNR Honiara, PMG Port Moresby, etc.

18d 7h: 29:56.9, 3.5, 5.27S: 152.98E, h0km, mb3.5/2, mbmtmp3.5/2, Error ellipse: s-maj=148.3km s-min=50.1km az=123.0, New Britain region

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

ROM 18 07:37:24.6, 0.1, 42.997N: 0003.13, 080E, 0.004, h9km, ML1.2/9, 3C-6D, Error ellipse: s-maj=0.4km s-min=0.2km az=48.0, Central Italy region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FDMO Fiordimonte, T1256 Bolognola (MC), ASAR Alice Springs, etc.

CESI comp=N, 214um, 0.8s AML AML

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CESI, CSP1 Cessapalomo, T1245 Castelsantange, etc.

18d 7h: 39:09.8, 3.5, 6.33S: 154.55E, h16km, 20km, mb4.3/14, mbmtmp4.4/17, ML3.9/3, MS4.2/10, Error ellipse: s-maj=22.3km s-min=16.0km az=117.0

ISC-EH 18 07:39:11.7, 1.7, 6.46S: 154.28E, 0.07, h10km, 1km, mb4.8/59, Error ellipse: s-maj=12.7km s-min=1.1km az=204.0

NEIC 18 07:39:11.7, 1.7, 6.46S: 154.28E, 0.07, h10km, 1km, mb4.8/59, Error ellipse: s-maj=12.7km s-min=1.1km az=204.0

DJA 18 07:39:14.1, 1.4, 6.53S: 154.24E, h29km, 11km, M5.0/20, MB5.0/20, MB5.5/6, MLV5.0/3, Mw(mB)5.0/6, MwMwp6.2/1, Mwp6.2/1

ISC 18 07:39:15.6, 0.4, 6.40S: 154.31E, 0.06, h48km, n107, 1983/92, mb4.8/56, MS4.2/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RABL Rabaul, HNR Honiara, PMG Port Moresby, etc.

Table of station data for 1319, including columns for station name, coordinates, and status. Stations include DAV, MMRI, LUWI, AFI, etc.

Table of station data for 2016 DEC, including columns for station name, coordinates, and status. Stations include PDAR, BDFB, TORD, etc.

Table of station data for 18d 8h, including columns for station name, coordinates, and status. Stations include ALJI, TECO, SJTE, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like FITZ, FORT, MBWA, etc.

BUI 18 09:47:00.8-0.0, 8:27N, 137:91E, h11km, mb5.4/89, mB6.1/78, Ms6.1/96, Ms7.6/90

ISC-EH 18 09:47:05.6, 8:36N, 137:60E, h24km, 1km, Error ellipse: s-maj=2.0km s-min=1.7km az=112.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like GUMO, SRPI, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like DAV, DAV, DAV, etc.

BNSI Bone 21.60 235 P P 09 51 55.5 +1.3

SSLS Suanglung 22.23 316 P P 09 52 02.6 +1.7

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like COEN, BSS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like MTKI, OZH, OZH, etc.

WRA Warramunga 28.25 187 P P 09 52 56.1 -1.1

WBI Warramunga 28.27 187 P P 09 52 58.3 +0.9

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like CTA, CTA, etc.

18d 9h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H1S1 WAKE ISLAND Hy 29.94, H1S2 WAKE ISLAND Hy 29.94, KSAR Wonju Array Be, etc.

2016 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ENH Enshi, ENH Warakurna, ENH Warakurna, etc.

1324

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CN2 comp=Z,2um,11.0s, CN2 comp=Z,17um,16.0s, CN2 comp=Z,11um,16.0s, etc.

1325

Table with columns for station name, frequency, power, and other technical details. Includes stations like RPSI Rantau Prapat, CHTO Chiang Mai, TSI Tuntungan, MEEK Meekatharra, etc.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like OUEEN Quen Island, N MIND Mandalay, KMBL Kambalda, etc.

18d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like TOO Toolangi, TEZP Tezpur, MILA Mila, etc.

1327

Table with columns: Station ID, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like Sparvevohn, Old Harbor, Talatina, Port Alsworth, etc.

2016 DEC

Table with columns: Station ID, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like Palmer, Manley, Glory Hole, Bettle, Port Wells, etc.

1858 9h

Table with columns: Station ID, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like Donnelly Dome, PAX PAX, Ragged Mountain, etc.

18d 9h

Table with columns for station name, frequency, mode, and other technical details. Includes stations like NKX, GERES, MOA, SOKA, etc.

2016 DEC

Table with columns for station name, frequency, mode, and other technical details. Includes stations like ERPA, M53A, CLTN, etc.

1330

Table with columns for station name, frequency, mode, and other technical details. Includes stations like APAC, MCRA, JCRCA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Alice Springs, Stephens Creek, Toolangi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Muotathal, Linth-Limmern, Pigniu, etc.

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

18d 09:49:10.9, 1.6, 0.09S; 154.39E, h0km, mb4.3/6, m1btp3.4/9, ML3.4/3, MS5.4/1, Error ellipse: s-maj=36.8km s-min=27.1km az=79.0

IDC 18 09:54:09.1e, 6.0, 4.62S; 153.70E, h13km, 39km, mb3.4/3, mbtp3.9/4, Error ellipse: s-maj=65.1km s-min=31.9km az=91.0

IDC 18 09:54:07.2, 1.8, 4.65S; 02.153.9E, h100km, m6, az=65.7, mb2.1/3, New Ireland region

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

IDC 18 09:57:31.8, 0.5, 10.86S; 164.44E, h0km, mb4.9/25, mbtp4.9/28, ML4.7/2, MS5.5/3, Error ellipse: s-maj=16.4km s-min=12.3km az=100.0

IDC 18 09:57:37.8, 0.0, 10.47S; 164.58E, h44km, mb5.0/54, mb5.9/2, MS6.6/7, MS7.5/4/7

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

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

JMA 18 09:51:33.9, 0.1, 35.4N; 02.133.8E, h13km, MV0.3/17, EASTERN TOTORI PREF, Western Honshu

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

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

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

VIE 18 09:52:36.8, 0.7, 46.91N; 8.84E, h6km, ml1.3/2, Error ellipse: s-maj=3.9km s-min=3.4km az=113.0, 5 km ENE of Altdorf

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kitakata, Tsuno, Usuki, etc.

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

VIE 18 09:52:36.8, 0.7, 46.91N; 8.84E, h6km, ml1.3/2, Error ellipse: s-maj=3.9km s-min=3.4km az=113.0, 5 km ENE of Altdorf

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

VIE 18 09:52:36.8, 0.7, 46.91N; 8.84E, h6km, ml1.3/2, Error ellipse: s-maj=3.9km s-min=3.4km az=113.0, 5 km ENE of Altdorf

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

VIE 18 09:52:36.8, 0.7, 46.91N; 8.84E, h6km, ml1.3/2, Error ellipse: s-maj=3.9km s-min=3.4km az=113.0, 5 km ENE of Altdorf

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

IDC 18 09:57:37.4, 0.5, 10.87S; 005.164.34E, h0.6, h33km, 1km, h33km, p-P, n440, az=95/448, mb5.2/102, MS5.5/7, 4C-6D, Santa Cruz Islands region

18d 9h

Table with columns: Station ID, Name, Elevation, Frequency, Mode, Power, Azimuth, Range, etc. Includes stations like HEH, XAN, PHRA, KMI, XLT, CRAI, CMAR, HHC, MA2, CD2, HIA, ZEA, TNCH, LZH, SEY, R17K, P16K, Q17K, Q16K, OHAK, CIT, O16K, O17K, N16K, P18K, ULN, YAK, YAK, Q20K, SONM, SONM, GTA, P19K, O19K, O19K, ILSW, SVW2, N19K, O20K, ANM, ANM, ANM, BILL, BILL, BILL, BILL, TNA, BRLK, BRSE, QSPA.

2016 DEC

Table with columns: Station ID, Name, Elevation, Frequency, Mode, Power, Azimuth, Range, etc. Includes stations like QSPA, SHL, M19K, L19K, N20K, SPCR, CAPN, TTA, TTA, TTA, SEW, BOD, O22K, L20K, SUA, ZAK, GCSA, J20K, J20K, CAST, DIV, TRF, WAT1, BPAW, BERG, RD0G, M24K, MCK, MCK, MCK, WAX, N25K, I21K, MESA, IMAR, H21K, H21K, ISLE, MLY, HARP, MCAR, NEA2, G21K, H22K, PINM, I23K, PNL, CCB, K24K, HDA, TCOL, COLA, COLA, M26K, M26K, F21K, O28M, H23K, H23K, RIDG, ILAR, ILAR, L26K, L26K, L26K, POKR, POKR, G22K.

1332

Table with columns: Station ID, Name, Elevation, Frequency, Mode, Power, Azimuth, Range, etc. Includes stations like M27K, M27K, DOT, P29M, YUK8, YUK3, J25K, J25K, G23K, H24K, H24K, SCRK, SCRK, MAW, MAW, MAW, BVCY, L27K, L27K, BCAR, COLD, COLD, PLBC, YUK4, P30M, J26L, J26L, PRP, E22K, R32K, HYT, HYT, HYT, HUMO, G24K, K27K, K27K, ORV, ORV, SKAG, E23K, N30M, M29M, O30N, F24K, G25K, VOG, E24K, D23K, VES, TOLK, TOLK, EGAK, EGAK, L29M, N31M, DAWY, DAWY, I27K, M30M, M30M, F25K, ISA, A21K, G26K, EDW2, BMAR, C23K, BFSC, E25K, H27K, K29M, J29M, F26K, CWC, LRMC, C24K, G27K, M31M, BBRC, DLBC, MAYO, MPMC, NVAR, D25K, I29M, I29M.

Table with columns: Station Name, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like TPFO Pinon Flats, IKP In-Ko-Pah, SWSO Sam W Stewart, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like SDV Santo Domingo, AKASO Malin Arroyo, NOA Monzon Array, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like mb5.0/27, Error ellipse: s-maj=17.8km, etc.

18D 10h

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

IDC 18 10:09:56.5-1.6, 5.88S; 153.92E, h0km, mb4.0/8, mbmp4.1/10, ML2.9/2, Error ellipse: s-maj=45.8km s-min=22.4km az=116.0

NEIC 18 10:09:59.9-1.1, 5.68S; 0.08x153.9E:0.1, h10km, 1km, mb4.4/10, Error ellipse: s-maj=21.3km s-min=13.7km az=76.0

ISC 18 10:10:02.9-0.7, 5.77S; 0.07x153.7E:0.1, h35km, n28, o#106/29, mb4.2/11, New Ireland region

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

IPCC 18 10:20:20.6-0.3, 51.57N; 16.23E, h0km, 1km, ML2.3/5, Error ellipse: s-maj=2.5km s-min=1.2km az=30.0

PRU 18 10:20:22.9-0.0, 51.44N; 16.10E, h0km

VIE 18 10:20:22.1-0.8, 51.45N; 16.12E, h0km, mb2.3/4, ml2.6/5, Error ellipse: s-maj=10.3km s-min=3.1km az=52.0 74 km NW of Wroclaw Suspected Mining induced.

IDC 18 10:20:23.7-1.2, 51.40N; 16.09E, h0km, mbmp3.0/4, ML2.6/4, Error ellipse: s-maj=17.5km s-min=9.7km az=129.0

ISC 18 10:20:21.2-0.9, 51.51N; 0.04x16.12E:0.02, h0km, n36, o#83/70, Poland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KSP Ksiaz, OSTC Ostasz, UPUC Upice, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OKC Ostrava-Krasne, VRAC Vranov, TREC Trest, etc.

IDC 18 10:22:04.4-8.3, 3.58S; 154.21E, h0km, mb3.3/3, mbmp3.3/3, Error ellipse: s-maj=256.2km s-min=42.6km az=105.0, North of Solomon Islands

ISC 18 10:22:04.4-8.3, 3.58S; 154.21E, h0km, n8, o#72/8, mb3.8/8, Western Caroline Islands

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

IDC 18 10:26:09.1-1.0, 8.41N; 137.96E, h0km, mb3.8/8, mbmp3.8/8, Error ellipse: s-maj=51.6km s-min=20.9km az=88.0

ISC 18 10:26:15.6-1.0, 8.4N; 0.1x137.9E:0.3, h46km, n8, o#72/8, mb3.8/8, Western Caroline Islands

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

IDC 18 10:39:04.0-1.7, 6.12S; 154.26E, h0km, mb3.4/4, mbmp3.5/5, ML3.7/1, Error ellipse: s-maj=50.2km s-min=27.8km az=120.0

ISC 18 10:39:05.4-1.3, 6.25S; 0.2x154.3E:0.2, h10km, n6, o#99/7, mb3.5/4, Bougainville-Solomon Islands region

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

IDC 18 10:42:07.5-1.2, 6.63S; 154.95E, h0km, mb3.9/9, mbmp3.9/11, ML2.3/1, Error ellipse: s-maj=35.8km s-min=21.1km az=122.0

NEIC 18 10:42:10.9-2.2, 6.35S; 0.1x154.6E:0.1, h10km, 1km, mb4.5/11, Error ellipse: s-maj=20.8km s-min=17.2km az=76.0

ISC 18 10:42:14.0-0.7, 6.42S; 0.09x154.67E:0.10, h35km, n41, o#150/43, mb4.2/16, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OKC Ostrava-Krasne, VRAC Vranov, etc.

1334

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

1335

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Sogingo Array, VANDA Vanda, ILAR Eielson Array, etc.

WEL 18 10:56:41.1±1.1, 34°S, 24°17'9W, 5°3, h431km±17km, M4.0/11, MLv4.0/11, Error ellipse: s-maj=0.1km s-min=0.0km az=113.7, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GLKZ Green Lake, WMGZ Waionamatini S, HAZ Te Kaha, etc.

SOME 18 10:56:50.9, 37°38N, 71°75E, h0km NNC 18 10:56:58.4±5.2, 36°91N, 70°40E, h171km±64km, mb3.1, mpv4.1, Error ellipse: s-maj=59.4km s-min=22.6km az=43.0

ISC 18 10:57:01.2±3.3, 37°1N, 02°70'6E, 0.1, h200km, n15, c087/20, 4C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IUG luzhnay, AML Almayashu, UCH Uchtor, etc.

NEIC 18 11:05:51.7±1.0, 4°55S, 02°154'3E, 0.1, h95km±18km, mb4.1/9, Error ellipse: s-maj=26.5km s-min=14.8km az=209.0

IDC 18 11:05:56.5±4.5, 4°56S, 153°73E, h120km±31km, mb3.5/5, mbmp4.0/6, Error ellipse: s-maj=52.1km s-min=19.8km az=107.0

ISC 18 11:05:53.6±1.0, 4°6S, 01°154'0E, 0.1, h100km, n21, c1802/23, mb4.0/10, 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, KRVT Keravat, PMG Port Moresby, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, FITZ Fitzroy Crossi, FORST Forrest, etc.

IDC 18 11:08:58.9±2.9, 5°60S, 154°60E, h88km±25km, mb3.5/6, mbtmp4.0/9, Error ellipse: s-maj=25.4km s-min=15.9km az=83.0

NEIC 18 11:09:02.4±1.1, 5°63S, 0°09x154'5E, 0.1, h110km±8km, mb4.1/14, Error ellipse: s-maj=17.5km s-min=12.2km az=113.0

ISC 18 11:09:02.0±0.7, 5°55S, 0°08x154'48E, 0.09, h118km, n36, c093/37, mb3.9/15, 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, KRVT Keravat, PMG Port Moresby, etc.

ROM 18 11:11:08.5±1.0, 42°97'N, 0°003'13'148E, 0°004, h9km, ML1.8/11, 15C-14D, Error ellipse: s-maj=0.3km s-min=0.3km az=164.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like T1256 Bologna (MC), T1256 Bologna (MC), T1256 Bologna (MC), etc.

18d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CSP1, T1245, T1245, etc.

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like ARMA Armidale, GENI Genyem, QIS Mount Isa, etc.

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like PSA00 Pilbara Seismi, KAPI Kappang, MORW Morawa, etc.

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like JMM Marumori, NACB Ninganchiao, JNU Nakatsue, etc.

1343

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for MKAR Makanchi Array, KURK Kurchatov, CMAR Chiang Mai Arr, etc.

1343 12:40:56.7±1.9, 6.84S; 154.03E, h0km, mb3.5/5, mbmp3.6/7, ML2.4/2, Error ellipse: s-maj=47.8km s-min=25.5km az=119.0

ISC 18 12:41:03.1±1.5, 6.75S; 0.1, 153.8E; 0.2, h35km, n7, r160/80, mb3.4/5, New Britain region

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

1343 12:40:56.7±1.9, 6.84S; 154.03E, h0km, mb3.5/5, mbmp3.6/7, ML2.4/2, Error ellipse: s-maj=47.8km s-min=25.5km az=119.0

ISC 18 12:41:03.1±1.5, 6.75S; 0.1, 153.8E; 0.2, h35km, n7, r160/80, mb3.4/5, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for KRVT Keravat (AS076), PMG Port Moresby, WRA Warramunga Arr, etc.

HEL 18 12:42:12.4±0.2, 70.40N; 17.84E, h15km, ML2.4, ML1.8(UPP), Confirmed Earthquake

2016 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for KOVU Salmi, KUTK Kurchatov, CMAR Chiang Mai Arr, etc.

NEIC 18 12:43:43.2±2.2, 6.72S; 0.07x129.1E; 0.1, h203km, 9km, mb4.0/5, Error ellipse: s-maj=14.5km s-min=10.3km az=82.0

ISC 18 12:43:05.4±0.4, 6.70S; 129.68E, h199km, 50km, mb3.2/1, mbmp3.9/4, Error ellipse: s-maj=87.9km s-min=16.0km az=78.0

ISC 18 12:43:42.5±0.8, 6.69S; 0.06x129.1E; 0.1, h200km, n21, r192/22, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for SAUI Saumlaki, FAKI Fak Fak, SOEI Soe, etc.

MTN Mantoro Dam 6.42 152 Pn Pn 12 45 14.9 -0.4

WBR Warramunga Arr 14.12 159 Pn Pn 12 46 55.8 +0.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for AS31 Alice Springs, ASAR Alice Springs, INU Inuyama, etc.

ISC 18 12:49:43.8±0.7, 22.20S; 170.10E, h0km, mb4.6/13, mbmp4.7/17, ML4.6/4, MS4.7/19, Error ellipse: s-maj=21.4km s-min=16.7km az=154.0

18d 12h

GCMT 18 12:49:50.5±0.1, 22.39S; 0.01x170.22E; 0.01, h17km, MW5.4/104, Moment Tensor Solution, s104.c173; s92.c155; Duration: 1s3 Moment tensor: Scale 1017Nm; Mw1.38±0.03; Mb0.98±0.02; Mo0.39±0.03; Mo0.76±0.06; Mo0.64±0.02; Mr0.65±0.07; Best double couple: Mo1.71400x1017 NP1.0x127.00000, 0.63.00000, 1.94.00000; NP2.0x298.00000, 0.827.00000, 1.82.00000; Principal axes: T 1.7090, P1g72.0000, Azm47.0000; N 0.0050, P1g4.0000; Azm305.0000; P -1.7190, P1g18.0000; Azm214.0000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

NEIC 18 12:49:50.5±2.1, 22.28S; 0.09x170.06E; 0.06, h32km, 3km, mb5.2/48, Mw5.5, Error ellipse: s-maj=12.5km s-min=8.2km az=175.0

NEIC 18 12:49:53.22±55S; 170.27E, h16km, Moment Tensor Solution, Duration: 8s0 Moment tensor: Scale 1017Nm; Mr1.38; Mb0.97; Mo0.41; Mo1.43; Mo0.78; Mr0.28; Fault plane solution: Mo2.06000x1017 NP1: 0.322.00000, 0.826.00000, 1.121.00000; NP2: 0.108.00000, 0.688.00000, 1.76.00000; Principal axes: T 2.0573, P1g64.0000, Azm355.0000; N -0.0040, P1g13.0000; Azm114.0000; P -2.0533, P1g22.0000; Azm203.0000

ISC 18 12:49:47.7±0.5, 22.38S; 0.05x170.17E; 0.05, h23km, 2km, h22km, pp-P.n313, r193/315, mb5.1/70, MS4.7/29, 20C-22D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for MARNC Mare, Loyalty, YATNIC Mamie plateau, etc.

ASAR Alice Springs 33.35 261 P P 12 56 24.0 -0.3

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PRU Pruhonica, ESK Eskdalemuir, NKC Novy Kostel, etc.

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

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

18d 12:50:01.5-0.7, 7.15N-76.90W, h0km, mb3.9/12, mbmp4.1/15, ML3.3/2, MS3.2/4, Error ellipse: s-maj=23.0km s-min=14.6km az=51.0

18d 12:50:04.0-1.0, 6.85N-76.91W, h10km, MD4.3, RSNC 18 12:50:04.5-1.4, 6.97N-76.70W, h0km, 5km, ML3.8, Mw4.3, NEIC 18 12:50:07.3-2.4, 7.13N-0.07-76.78W, 0.08, h2km, 16km, mb4.3/5, ML3.8(RSNC), Error ellipse: s-maj=14.2km s-min=5.8km az=48.0

18d 12:50:11.0-1.3, 6.60N-76.07W, h10km, mb4.5, ISC 18 12:50:02.4-1.2, 7.07N-0.02-76.79W, 0.02, h5km, n3km, n99, r197/134, mb4.0/13, 8-5D, Northern Channel Islands

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DBBC Dabeiba, APAC Apartado, SOLC Bahia Solano, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SDV Santo Domingo, SDV Santo Domingo, TULM Tulim, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SHL Shilling, SONM Songoing Array, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KKAR Karatay Array, BRTR Keskin Array B, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ILAR Eielson Array, GSPA South Pole Qui, etc.

IDC 18 13:06:39.3-0.5, 12.40S:65.19E, h0km, mb4.2/21, mbtmp4.2/2.2, ML2.2/1, MS3.6/3, Error ellipse: s-maj=17.2km s-min=14.6km az=8.0

IDC 18 13:06:39.3-0.5, 12.40S:65.19E, h0km, mb4.2/21, mbtmp4.2/2.2, ML2.2/1, MS3.6/3, Error ellipse: s-maj=17.2km s-min=14.6km az=8.0

IDC 18 13:06:39.3-0.5, 12.40S:65.19E, h0km, mb4.2/21, mbtmp4.2/2.2, ML2.2/1, MS3.6/3, Error ellipse: s-maj=17.2km s-min=14.6km az=8.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VYDA Vanda, MJAR Matsushiro Arr, ARCES ARCES Array B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OSTC Ostas, KRCL Kraikly, DPC Dobruska-Polom, etc.

MOS 18 13:30:09.9-0.9, 9.87S:71.06E, h613km, mb6.1/62, Error ellipse: s-maj=7.3km s-min=4.7km az=91.3

18d 13h

FPAL	Fort Paine	46.42 343	P	P	13 37 43.4	-0.6
FPAL	comp=Z,391nm,0.8s		I	Amb	13 37 48.6	
735A	Kenedy	46.49 327	P	S	13 37 45.4	+0.8
735A	baz=142,SNR=18		S	S	13 43 51.0	+2.5
W52A	Murphy	46.49 345	P	P	13 37 44.1	-0.5
W52A	comp=Z,488nm,0.9s		I	Amb	13 37 49.2	
W52A	Murphy	46.49 345	P	P	13 37 44.8	+0.2
W52A	baz=162,SNR=132		S	S	13 43 45.0	-3.5
U59A	Littleton	46.56 352	P	P	13 37 44.8	-0.2
U59A	baz=171,SNR=88		P	P	13 37 44.8	-0.2
U59A	baz=171		S	S	13 43 45.7	-3.6
U59A	baz=171		S	S	13 43 45.7	-3.6
V55A	Taylorville	46.62 349	P	P	13 37 45.8	+0.3
V55A	Taylorville	46.62 349	P	P	13 37 46.2	+0.7
V55A	baz=166,SNR=220		P	P	13 37 46.2	+0.7
V55A	baz=166		S	S	13 43 48.1	-2.1
V55A	baz=166		S	S	13 43 48.1	-2.1
143A	Soos Landing	46.71 336	P	P	13 37 45.8	-0.4
143A	Soos Landing	46.71 336	P	P	13 37 46.2	0.0
143A	baz=152,SNR=37		S	S	13 43 46.9	-4.6
X48A	Hartselle	46.76 342	P	I	13 37 46.1	-0.4
X48A	comp=Z,736nm,0.8s		I	Amb	13 37 50.6	
X48A	Hartselle	46.76 342	P	P	13 37 45.9	-0.6
X48A	baz=158,SNR=298		S	S	13 43 45.2	-6.9
V53A	Saluda	46.78 347	P	P	13 37 46.3	-0.4
V53A	comp=Z,392nm,0.8s		I	Amb	13 37 51.4	
V53A	Saluda	46.78 347	P	P	13 37 47.0	+0.3
V53A	baz=164,SNR=190		P	P	13 37 47.0	+0.3
V53A	baz=164		S	S	13 43 50.6	-1.9
V53A	baz=164		S	S	13 43 50.6	-1.9
U56A	King	46.95 350	P	P	13 37 48.1	+0.2
U56A	King	46.95 350	P	P	13 37 48.5	+0.6
U56A	baz=167,SNR=266		P	P	13 37 48.5	+0.6
U56A	baz=167		S	S	13 43 53.0	-1.7
U56A	baz=167		S	S	13 43 53.0	-1.7
833A	Chaparral WMA	46.95 325	P	I	13 37 48.1	0.0
833A	comp=Z,743nm,1.2s		I	Amb	13 37 52.9	
833A	Chaparral WMA	46.95 325	P	P	13 37 48.4	+0.4
833A	baz=140,SNR=98		S	S	13 43 51.0	-3.9
833A	Chaparral WMA	46.95 325	P	P	13 37 48.1	0.0
833A	baz=140		S	S	13 43 53.5	-1.5
W50A	Signal Mountai	46.95 344	P	I	13 37 47.6	-0.4
W50A	comp=Z,659nm,0.9s		I	Amb	13 37 52.9	
W50A	Signal Mountai	46.95 344	P	P	13 37 47.6	-0.4
W50A	baz=161,SNR=224		S	S	13 43 51.1	-3.8
CPCT	Cooper Cave	46.98 345	P	P	13 37 47.8	-0.3
TKL	Tuckaleechee C	46.99 346	P	I	13 37 47.9	-0.4
TKL	comp=Z,617nm,0.9s		I	Amb	13 37 52.5	
TKL	Tuckaleechee C	46.99 346	P	P	13 37 48.2	-0.1
TKL	baz=163		S	S	13 43 51.4	-3.9
TKL	Tuckaleechee C	46.99 346	P	P	13 37 47.9	-0.4
TKL	comp=Z,617nm,0.9s		p	max		
Y45A	Yeager Farm, C	47.05 339	P	I	13 37 48.2	-0.5
Y45A	comp=Z,795nm,0.8s		I	Amb	13 37 51.9	
Y45A	Yeager Farm, C	47.05 339	P	P	13 37 48.6	-0.1
Y45A	baz=155,SNR=100		S	S	13 43 51.8	-4.3
V52A	Sevierville	47.12 346	P	I	13 37 49.0	-0.3
V52A	comp=Z,895nm,0.8s		I	Amb	13 37 53.6	
V52A	Sevierville	47.12 346	P	P	13 37 49.1	-0.2
V52A	baz=163,SNR=291		S	S	13 43 53.8	-3.4
T59A	Double "B" Far	47.14 353	P	P	13 37 49.2	-0.1
T59A	Double "B" Far	47.14 353	P	P	13 37 49.4	+0.1
T59A	baz=171,SNR=215		P	P	13 37 49.4	+0.1
T59A	baz=171		S	S	13 43 53.9	-3.4
T59A	baz=171		S	S	13 43 53.9	-3.4
SWET	Sewanee	47.14 343	P	I	13 37 48.9	-0.6
SWET	comp=Z,588nm,0.7s		I	Amb	13 37 53.3	
T60A	Surry	47.21 354	P	P	13 37 49.5	-0.4
T60A	Surry	47.21 354	P	P	13 37 50.0	+0.2
T60A	baz=172,SNR=16		P	P	13 37 50.0	+0.2
T60A	baz=172		S	S	13 43 55.8	-2.4
T60A	baz=172		S	S	13 43 55.8	-2.4
V51A	Loudon	47.27 345	P	I	13 37 49.9	-0.5
V51A	comp=Z,402nm,0.8s		I	Amb	13 37 54.6	
V51A	Loudon	47.27 345	P	P	13 37 50.1	-0.3
V51A	baz=162,SNR=120		S	S	13 43 57.2	-1.9
NATX	Nacogdoches	47.29 332	P	I	13 37 50.0	-0.6
NATX	comp=Z,947nm,1.0s		I	Amb	13 39 13.4	
NATX	Nacogdoches	47.29 332	P	P	13 37 51.5	+1.0
NATX	baz=148,SNR=62		S	S	13 44 00.4	+0.9
NATX	baz=148		S	S	13 37 50.9	+0.3
NATX	Nacogdoches	47.29 332	P	P	13 37 50.9	+0.3
NATX	baz=148,SNR=62		S	S	13 44 00.5	+0.9
U54A	Nelsons Funny	47.39 348	P	P	13 37 50.9	-0.4
U54A	Nelsons Funny	47.39 348	P	P	13 37 51.6	+0.3
U54A	baz=166,SNR=200		P	P	13 37 51.6	+0.3
U54A	baz=166		S	S	13 43 58.5	-2.4
U54A	baz=166		S	S	13 43 58.5	-2.4
T57A	Hurt	47.40 351	P	P	13 37 50.5	-0.8
T57A	Hurt	47.40 351	P	P	13 37 51.4	+0.1
T57A	baz=169,SNR=243		P	P	13 37 51.4	+0.1
T57A	baz=169		S	S	13 43 58.0	-2.8
T57A	baz=169		S	S	13 43 58.0	-2.8
PLAL	Pickwick Lake	47.57 341	P	I	13 37 51.5	-1.0
PLAL	comp=Z,453nm,0.8s		I	Amb	13 37 55.3	
OXF	Oxford	47.59 339	P	P	13 37 51.4	-1.3

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OXF	comp=Z,809nm,1.1s		I	Amb	13 37 55.4	
OXF	Oxford	47.59 339	P	P	13 37 51.6	-1.1
OXF	baz=155,SNR=76		S	S	13 43 58.7	-4.8
OXF	Oxford	47.59 339	P	P	13 37 51.6	-1.1
OXF	baz=155,SNR=76		S	S	13 43 58.8	-4.7
OXF	Oxford	47.59 339	P	P	13 37 51.4	-1.3
OXF	comp=Z,809nm,1.2s		p	max		
TZTN	Tazewell	47.78 346	P	I	13 37 53.8	-0.4
TZTN	comp=Z,514nm,1.1s		I	Amb	13 37 58.5	
TZTN	Tazewell	47.78 346	P	P	13 37 54.1	-0.1
TZTN	baz=163,SNR=87		S	S	13 44 02.3	-3.9
TZTN	Tazewell	47.78 346	P	P	13 37 53.7	-0.4
TZTN	baz=163		S	S	13 44 01.2	-5.0
BLA	Blacksburg	47.80 350	P	P	13 37 54.3	+0.1
BLA	comp=Z,1µm,1.1s		I	Amb	13 37 50.3	
BLA	Blacksburg	47.80 350	P	P	13 37 54.9	+0.6
BLA	baz=167,SNR=124		S	S	13 44 05.0	-1.4
BLA	Blacksburg	47.80 350	P	P	13 37 54.6	+0.3
BLA	baz=167,SNR=124		S	S	13 44 04.3	-2.1
BLA	Blacksburg	47.80 350	P	p	13 37 54.3	+0.1
BLA	Smith Brothers	47.88 343	P	I	13 37 54.3	-0.6
V48A	Smith Brothers	47.88 343	P	I	13 37 58.9	
V48A	comp=Z,663nm,0.8s		I	Amb	13 37 54.4	-0.5
V48A	Smith Brothers	47.88 343	P	P	13 44 01.9	-5.7
V48A	baz=159		S	S	13 37 54.8	-0.1
JSRW	J. Sargeant Re	47.89 353	P	P	13 37 54.9	+0.7
435B	Jarrell	47.91 329	P	I	13 39 15.4	
435B	comp=Z,829nm,1.0s		I	Amb	13 37 56.2	+1.1
435B	Jarrell	47.91 329	P	P	13 37 56.7	+0.6
435B	baz=144,SNR=45		S	S	13 44 08.0	0.0
435B	Jarrell	47.91 329	P	P	13 37 55.3	+0.1
435B	baz=144		S	S	13 44 08.0	0.0
CCAR	Cane Creek	47.93 337	P	I	13 37 55.8	+0.4
CCAR	comp=Z,733nm,0.9s		I	Amb	13 37 58.8	
CCAR	Cane Creek	47.93 337	P	P	13 37 55.1	-0.1
CCAR	baz=152		S	S	13 44 05.7	-2.4
237A	Washetta, Mont	48.03 331	P	I	13 37 56.7	+0.7
237A	comp=Z,875nm,0.8s		I	Amb	13 38 00.8	
237A	Washetta, Mont	48.03 331	P	P	13 37 57.4	+1.4
CLTN	Cedars of Leba	48.07 343	P	I	13 37 55.6	-0.6
CLTN	comp=Z,632nm,0.8s		I	Amb	13 38 00.2	
W45A	Hickory Valley	48.09 340	P	P	13 37 55.5	-0.9
W45A	Hickory Valley	48.09 340	P	P	13 37 55.5	-0.9
W45A	baz=156,SNR=198		S	S	13 44 05.2	-5.2
S57A	Dark Hollow, R	48.10 352	P	I	13 37 56.2	-0.2
S57A	comp=Z,745nm,0.8s		I	Amb	13 38 01.3	
S57A	Dark Hollow, R	48.10 352	P	P	13 37 57.0	+0.5
S57A	baz=169,SNR=174		S	S	13 44 07.9	-2.5
S57A	baz=169		S	S	13 44 07.9	-2.5
R58B	Mineral	48.16 353	P	I	13 37 56.4	-0.4
R58B	comp=Z,402nm,0.8s		I	Amb	13 38 01.5	
R58B	Mineral	48.16 353	P	P	13 37 57.4	+0.6
R58B	baz=171,SNR=102		P	P	13 37 57.4	+0.6
R58B	baz=171		S	S	13 44 09.1	-2.0
R58B	baz=171		S	S	13 44 09.1	-2.0
R61A	Willards	48.26 355	P	P	13 37 57.4	-0.2
R61A	Willards	48.26 355	P	P	13 37 58.0	+0.4
R61A	baz=174,SNR=7.4		P	P	13 37 58.0	+0.4
R61A	baz=174,SNR=7.4		S	S	13 44 14.9	+2.3
R61A	baz=174		S	S	13 44 14.9	+2.3
WLAR	White Oak Lake	48.26 335	P	I	13 37 57.2	-0.5
WLAR	comp=Z,932nm,1.0s		I	Amb	13 38 01.8	
U49A	Red Boiling Sp	48.31 344	P	I	13 37 57.2	-0.8
U49A	comp=Z,354nm,0.6s		I	Amb	13 38 01.4	
U49A	Red Boiling Sp	48.31 344	P	P	13 37 57.5	-0.5
U49A	baz=160,SNR=137		S	S	13 44 06.6	-6.8
MET	Memphis--Engin	48.32 339	P	P	13 37 57.4	-0.8
CBN	Corbin Frederi	48.33 353				

18d 13h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like HOPE Hope Point, HOPE Hope Point, HOPE Hope Point, etc.

2016 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like HCNV Howe Caverns, HCNV Howe Caverns, TRY Troy, etc.

1352

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like AAM Ann Arbor, AAM Ann Arbor, KAN08 Anthony Ne Sta, etc.

18d 13h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MCH1, MONM, IOMK, CER, etc.

2016 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like FRAZ, MCD, M31M, SCO, etc.

1356

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like BGES, RCHB, ROCHF, etc.

KAIM	comp=Z,306nm,0.9s	90.42	331	P	P	13 42 07.7	+0.2
BFO	baz=109,SNR=18	90.43	41	P	P	13 42 07.2	-0.7
BFO	Black Forest	90.43	41	P	P	13 42 07.2	-0.7
BFO	Black Forest	90.43	41	P	P	13 42 07.2	-0.7
HVD	comp=Z,98nm,1.5s	90.53	121	eP	P	13 42 09.1	+0.1
HVD	Gariep Dam	90.53	121	eP	P	13 42 09.1	+0.1
M26K	comp=Z,213nm,0.9s	90.62	334	P	P	13 42 08.2	-0.3
M26K	Nabesna, AK	90.62	334	P	P	13 42 08.2	-0.3
M26K	Nabesna, AK	90.62	334	P	P	13 42 09.0	+0.6
M26K	baz=110			S	S	13 52 05.9	-5.8
GLB	baz=110	90.65	333	P	P	13 42 09.0	+0.4
GLB	Gilahina Butte	90.65	333	P	P	13 42 12.6	
TUE	comp=Z,168nm,1.1s	90.65	43	P	P	13 42 08.2	-1.0
TUE	Stuetta	90.65	43	P	P	13 42 13.2	
GRHM	comp=Z,371nm,1.8s	90.70	124	P	P	13 42 08.8	-0.8
GRHM	Grahamstown, E	90.70	124	P	P	13 42 13.5	
GRHM	comp=Z,138nm,0.9s	90.70	124	eP	P	13 42 09.4	-0.2
GRHM	Grahamstown, E	90.70	124	eP	P	13 42 13.2	
EGAK	comp=Z,120nm,0.8s	90.72	336	P	P	13 42 08.7	-0.1
EGAK	Eagle	90.72	336	P	P	13 42 12.8	
EGAK	comp=Z,338nm,1.1s	90.72	336	P	P	13 42 09.0	+0.3
EGAK	Eagle	90.72	336	P	P	13 42 09.0	+0.3
EGAK	baz=112			S	S	13 52 05.5	-6.8
BOSA	comp=Z,85nm,0.9s, baz=252,slow=3.2,SNR=91	90.73	119	P	P	13 42 09.1	-0.8
BOSA	Boshof	90.73	119	P	P	13 42 09.1	-0.8
BOSA	comp=Z,27nm,0.6s, baz=263,slow=4.4,SNR=6.0	90.73	119	P	P	13 44 25.8	+1.0
BOSA	Boshof	90.73	119	P	P	13 44 25.8	+1.0
BOSA	comp=Z,17nm,0.8s, baz=293,slow=1.5,SNR=27	90.73	119	P	P	13 42 08.7	-1.2
BOSA	Boshof	90.73	119	P	P	13 42 08.4	-1.5
BOSA	Boshof	90.73	119	eP	P	13 42 12.6	
K27K	comp=Z,234nm,1.3s	90.81	335	P	P	13 42 09.3	+0.1
K27K	Chicken	90.81	335	P	P	13 42 09.3	+0.1
K27K	baz=111			S	S	13 52 08.6	-4.6
KIP	comp=Z,134nm,0.9s	90.81	291	eP	P	13 42 12.8	+2.6
KIP	Kipapa	90.81	291	eP	P	13 42 12.8	+2.6
VLC	comp=Z,220nm,1.2s	90.85	332	P	P	13 42 09.3	-0.2
VLC	Villacollemand	90.85	332	P	P	13 42 09.3	-0.2
BMRM	comp=Z,109,SNR=36	90.86	47	P	P	13 42 08.8	-1.2
BMRM	Bremner River	90.86	47	P	P	13 42 13.7	
CASP	comp=Z,151nm,0.9s	90.91	45	P	P	13 42 09.3	-0.8
CASP	Castiglione de	90.91	45	P	P	13 42 13.8	
PRMA	comp=Z,568nm,1.7s	90.99	334	P	P	13 42 09.8	-0.3
PRMA	PARMA	90.99	334	P	P	13 42 09.8	-0.3
L26K	comp=Z,157nm,0.9s	90.99	334	P	P	13 42 10.0	-0.1
L26K	Log Cabin Wild	90.99	334	P	P	13 42 10.0	-0.1
L26K	Log Cabin Wild	90.99	334	P	P	13 42 10.0	-0.1
L26K	baz=110			S	S	13 52 09.8	-5.1
N25K	comp=Z,109,SNR=15	91.06	333	P	P	13 42 10.3	-0.3
N25K	Chitina, Valde	91.06	333	P	P	13 42 10.3	-0.3
N25K	Chitina, Valde	91.06	333	P	P	13 42 10.3	-0.3
N25K	baz=109,SNR=15			S	S	13 52 06.2	-9.4
DAVOX	comp=Z,125nm,0.7s, baz=259,slow=4.2,SNR=135	91.08	43	P	P	13 42 11.8	+0.7
DAVOX	Davos/Dischmat	91.08	43	P	P	13 42 11.8	+0.7
DAVOX	comp=Z,72nm,0.8s, baz=261,slow=3.6,SNR=19	91.08	43	P	P	13 44 26.8	+0.8
DAVOX	Davos	91.08	43	P	P	13 44 26.8	+0.8
DAVOX	comp=Z,4.7nm,1.0s, baz=355,slow=7.7,SNR=5.4	91.08	43	P	P	14 07 35.3	-4.5
DAVOX	Davos	91.08	43	P	P	14 07 35.3	-4.5
SWZ	comp=Z,123nm,0.9s	91.09	118	eP	P	13 42 10.5	-1.1
SWZ	Schweizer	91.09	118	eP	P	13 42 14.8	
STU	comp=Z,293nm,1.4s	91.10	41	P	P	13 42 09.4	-1.4
STU	Stuttgart	91.10	41	P	P	13 42 13.9	
STU	Stuttgart	91.10	41	P	P	13 42 09.5	-1.4
STU	Stuttgart	91.10	41	P	P	13 42 09.5	-1.4
MENT	comp=Z,293nm,1.4s	91.12	334	P	P	13 42 10.7	-0.1
MENT	Mentasta	91.12	334	P	P	13 42 10.7	-0.1
Q23K	comp=Z,109,SNR=36	91.19	330	P	P	13 42 10.9	-0.1
Q23K	Middleton Isla	91.19	330	P	P	13 42 10.9	-0.1
DAVA	comp=Z,175nm,1.1s,SNR=61	91.29	42	eP	P	13 44 27.9	+1.3
DAVA	Damuels	91.29	42	eP	P	13 44 27.9	+1.3
DAVA	comp=Z,82nm,0.9s,SNR=6.8	91.29	42	eP	P	13 59 29.1	+0.7
DAVA	Dava	91.29	42	eP	P	13 59 29.1	+0.7
DAVA	comp=Z,9.0nm,0.9s	91.29	42	eP	P	14 01 59.5	-5.2
DAVA	Dava	91.29	42	eP	P	14 01 59.5	-5.2
DAVA	comp=Z,11nm,0.9s	91.29	42	eP	P	14 07 41.4	+1.8
DAVA	Dava	91.29	42	eP	P	14 07 41.4	+1.8
I27K	comp=Z,26nm,1.6s	91.21	337	P	P	13 42 11.3	+0.2
I27K	Kandik River	91.21	337	P	P	13 42 11.3	+0.2
I27K	baz=112			S	S	13 52 11.2	-5.5
SALO	comp=Z,468nm,1.7s	91.25	44	P	P	13 42 11.0	-0.7
SALO	Salr	91.25	44	P	P	13 42 11.0	-0.7
SALO	comp=Z,248nm,1.7s	91.25	44	P	P	13 44 24.6	-2.1
SALO	Salr	91.25	44	P	P	13 44 24.6	-2.1
EYAK	comp=Z,187nm,1.0s	91.25	332	P	P	13 42 11.2	-0.1
EYAK	Cordova Ski Ar	91.25	332	P	P	13 42 11.2	-0.1
EYAK	Cordova Ski Ar	91.25	332	P	P	13 42 11.2	-0.1
EYAK	baz=108,SNR=17			S	S	13 52 08.0	-9.2
EYAK	Eyak	91.25	332	P	P	13 42 11.6	+0.3
ZCCA	comp=Z,280nm,1.0s	91.28	45	P	P	13 42 11.1	-0.8
ZCCA	Zocca	91.28	45	P	P	13 42 11.1	-0.8
OSSC	comp=Z,134nm,0.9s	91.29	46	P	P	13 42 11.2	-0.7
OSSC	Osservatorio P	91.29	46	P	P	13 42 15.8	
FUORN	comp=Z,137nm,0.9s,SNR=71	91.30	43	P	P	13 42 11.4	-0.8
FUORN	Olenpass-Fuorn	91.30	43	P	P	13 42 12.2	+0.2
H27K	comp=Z,112	91.41	338	P	P	13 52 11.3	-7.2
H27K	Steamboat Moun	91.41	338	P	P	13 52 11.3	-7.2
DIV	comp=Z,112	91.44	332	P	P	13 42 11.9	-0.3
DIV	Divide	91.44	332	P	P	13 42 11.9	-0.3
LATE	comp=Z,112	91.50	47	P	P	13 44 25.1	-2.2
LATE	Laterza	91.50	47	P	P	13 42 12.5	-0.5
DOT	comp=Z,112	91.50	335	P	P	13 42 12.2	-0.2
DOT	Dot Lake	91.50	335	P	P	13 42 12.2	-0.2
CLTB	comp=Z,112	91.53	52	P	P	13 42 12.3	-1.0
CLTB	Caltabellotta	91.53	52	P	P	13 42 12.3	-1.0
HARP	comp=Z,108,SNR=14	91.56	333	P	P	13 42 13.2	+0.4
HARP	HAARP	91.56	333	P	P	13 42 13.2	+0.4
SCRK	comp=Z,293nm,1.0s	91.58	335	P	P	13 42 12.4	-0.6
SCRK	Sand Creek	91.58	335	P	P	13 42 16.8	
SCRK	Sand Creek	91.58	335	P	P	13 42 13.1	+0.2
SCRK	baz=110,SNR=196			S	S	13 52 14.3	-6.0
J26L	comp=Z,330nm,1.1s	91.59	336	P	P	13 42 12.4	-0.5
J26L	Joseph Creek	91.59	336	P	P	13 42 12.4	-0.5
J26L	Joseph Creek	91.59	336	P	P	13 42 13.0	+0.1
J26L	baz=110			S	S	13 52 15.6	-4.6
KLU	comp=Z,108,SNR=154	91.62	332	P	P	13 42 12.6	-0.5
KLU	Klutina	91.62	332	P	P	13 42 12.6	-0.5
KLU	Klutina	91.62	332	P	P	13 42 12.4	-0.7
KLU	baz=108,SNR=154			S	S	13 52 15.7	-4.9
G27K	comp=Z,112	91.67	338	P	P	13 42 12.9	-0.3
G27K	Doyon Strip	91.67	338	P	P	13 42 12.9	-0.3
G27K	baz=112			S	S	13 52 16.4	-4.3
FETA	comp=Z,68nm,1.1s,SNR=9.6	91.70	43	iP	P	13 44 30.0	+1.1
FETA	Feichten	91.70	43	iP	P	13 44 30.0	+1.1
FETA	comp=Z,15nm,1.5s			eS	SKSac	13 51 47.6	+0.1
FETA	Feichten			eP	PKKPdf	13 59 25.0	-2.5

comp=Z,5.6nm,1.0s	eP	P	P'df	14 07 37.0	-1.6		
FAG	comp=Z,1.6nm,1.3s	eP	P	13 42 13.3	+0.2		
DAG	Danmarks Havn	91.70	11	iP	P	13 42 16.4	
DAG	comp=Z,612nm,1.5s			P	Iamb		
RETA	Reutte	91.83	42	eP	P	13 42 14.1	-0.3
RETA	comp=Z,228nm,1.7s,SNR=65			eS	pP	13 44 30.3	+0.9
RETA	comp=Z,74nm,1.4s,SNR=6.8			eS	SKSac	13 51 48.1	+0.1
RETA	comp=Z,1.6nm,1.8s			eP	P	14 07 40.9	+2.7
RIDG	comp=Z,6.2nm,1.4s	91.86	335	P	P	13 42 13.7	-0.4
RIDG	Independent Ri	91.86	335	P	P	13 42 13.8	-0.4
RIDG	Independent Ri	91.86	335	P	P	13 42 13.8	-0.4
RIDG	baz=109,SNR=132			S	S	13 52 17.7	-4.9
P23K	comp=Z,109	91.87	331	P	P	13 42 14.8	+0.6
P23K	Montague Islan	91.87	331	P	P	13 42 14.8	+0.6
PAX	comp=Z,300nm,1.0s	91.88	334	P	P	13 42 13.7	-0.6
PAX	Paxson	91.88	334	P	P	13 42 13.7	-0.6
PAX	comp=Z,108,SNR=173	91.88	334	P	P	13 42 14.0	-0.3
PAX	Paxson	91.88	334	P	P	13 42 14.0	-0.3
PAX	comp=Z,108	91.88	334	P	P	13 52 16.9	-5.9
PAX	Paxson	91.88	334	P	P	13 42 13.7	-0.6
SUE	comp=Z,300nm,1.0s	91.92	28	eP	P	13 42 15.9	+1.6
SUE	Sulen	91.92	28	eP	P	13 52 2	

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like A051A Mrakovica, D23K Nanushuk River, P18K Big Mountain, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like O17K baz=98, BUM bajzi-Budva, JAVC Velka Javorina, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like CRVS Spitsbergen Ar, SPITS Spitsbergen Ar, VAYR Valandovo, etc.

18d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UWJI, KMI, KASI, etc.

NEIC 18 13:33:57.2±2.1, 6.1S, 0.2±153.7E, 0.2, h10km, 2km, mb4.2/6, Error ellipse: s-maj=36.4km s-min=17.0km az=54.0

IDC 18 13:34:08.2±8.0, 6.09S, 153.47E, h96km, 47km, mb3.4/3, mbmp3.8/5, Error ellipse: s-maj=116.8km s-min=26.4km az=108.0

ISC 18 13:33:30.0±2.0, 6.1S±0.1, 153.7E±0.3, h32km, n15, r110/14, mb4.0/7, New Britain region

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

NNC 18 13:39:56.4±1.6, 44.39N-89.13E, h0km, mb3.6, mpv3.1, 4C-3D, Error ellipse: s-maj=39.7km s-min=12.3km az=27.0, Northern Xinjiang

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

IDC 18 13:40:54.1±1.8, 6.00S, 154.12E, h0km, mb4.0/3, mbmp4.3/7, ML3.1/3, MSC4.4/2, Error ellipse: s-maj=34.9km s-min=27.5km az=57.0

NEIC 18 13:40:00.1±8.6, 6.1S±0.2, 153.6E±0.1, h10km, 2km, mb4.2/7, Error ellipse: s-maj=34.1km s-min=12.9km az=40.0

ISC 18 13:40:59.9±1.3, 6.05N±0.1, 154.0E±0.1, h48km, n20, r0544/18, mb4.1/7, Bougainville-Solomon Islands region

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

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Table with columns: GUMO, WRO, WRO, WB0, MTN, MTN, WB2, WRA, AS31, ASAR, ASAR, BBOO, TORD. Includes station names and coordinates.

ROM 18 13:46:55.2±0.1, 42.7277N, 0.0003, 13.047E, 0.0006, h10km, ML1.5/5, 2C-1D, Error ellipse: s-maj=0.5km s-min=0.2km az=260.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like T1216, T1218, T1218, etc.

TEH 18 13:52:30.2, 29.82N-56.96E, h6km, ML3.7, Southern Iran

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

ISC 18 14:39:22.3±2.0, 8.6N±0.2, 138.5E±0.5, h35km, n10, r0517/17, mb4.0/7, Western Coral Islands

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

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Table with columns: KRVT, PMG, PMG, PMG, COEN, MTN, MTN, WRO, WRO, WB0, WRAB, WRAB, WRA, ARMA, ARMA, AS31, ASAR, ASAR, STKA, STKA, BBOO, BBOO, FORT, TAU, CMAR, SONM, SONM, VVDA, VVDA, VVDA, MK31, MKAR, ILAR, HYT, HYT, QSPA, QSPA. Includes station names and coordinates.

IDC 18 14:26:41.9±7.3, 6.08S, 153.56E, h112km, 54km, mb3.0/2, mbmp3.4/3, Error ellipse: s-maj=82.0km s-min=38.3km az=101.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRVT, KRVT, WRA, WRA, ASAR, ASAR, TORD, TORD.

IDC 18 14:39:17.1±1.9, 8.59N, 138.53E, h0km, mb3.9/7, mbmp3.9/7, MS4.6/1, Error ellipse: s-maj=75.5km s-min=21.4km az=77.0

ISC 18 14:39:22.3±2.0, 8.6N±0.2, 138.5E±0.5, h35km, n10, r0517/17, mb4.0/7, Western Coral Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WRA, H11S, H11S, H11S2, ASAR, CMAR, MKAR, KURBB, BVAR, FINES.

NEIC 18 14:39:48.1±0.9, 4.9S±0.1, 154.0E±0.1, h106km, 12km, mb4.0/9, Error ellipse: s-maj=19.7km s-min=11.4km az=54.0

IDC 18 14:39:49.6±5.4, 4.85S, 153.79E, h122km, 34km, mb3.4/4, mbmp3.9/5, Error ellipse: s-maj=59.5km s-min=28.0km az=86.0

ISC 18 14:39:47.1±1.1, 4.9S±0.1, 154.0E±0.1, h105km, n18, r0579/19, mb3.8/8, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RABL, KRVT, KRVT, PMG, PMG, WRO, WRO, WB0, WRAB, WRAB, WRA, AS31, ASAR, ASAR, STKA.

MAW Mawson 86.15 203 P P 15 10 29.5 +0.2
MAW comp=2.5,8nm,1.2s
TORO Torodi Ar. Bea 151.29 289 PKPbc PKPbc 15 17 41.9 -0.7

JMA 18 15:02:49.6:0.2,37.2N:0.4:14.1:5E:1.0,h35km,1km,
MV3.9/39.E OFF FUKUSHIMA PREF
JMA Felt J1 at E OFF FUKUSHIMA PREF
JMA Felt J1 at E OFF FUKUSHIMA PREF
IDC 18 15:02:50.1:0.8,37.20N:141.54E,h2km,4km,mb3.5/7,
mbtmp3.7/10,ML2.9/3,Error ellipse: s-maj=23.3km
s-min=15.6km az=94.0

ISC 18 15:02:50.1:0.8,37.23N:0.0:04:141.45E:0.06,h24km,5km,
n26,c1920/36,mb3.7/7,Near east coast of eastern
Honshu
Code Station Name Az AZ Phase ID Time Res
h m s ISC

IDC 18 15:09:07.5:1.7,5.84S:153.39E,h0km,mb3.7/8,
mbtmp3.7/9,ML3.6/1,Error ellipse: s-maj=46.9km
s-min=23.8km az=108.0

ISC 18 15:09:13.6:1.2,5.66S:0.10:153.3E:0.2,h35km,n11,
r134/12,mb3.7/8,New Ireland region

Code Station Name Az AZ Phase ID Time Res
h m s ISC
KRVT Keravat (AS076) 1.88 316 Pn Pn 15 09 42.5 -0.7
KRVT 21nm,0.3s,baz=268,slow=2.7,SNR=13
126nm,0.4s

IDC 18 15:09:16.9:2.1,5.73S:153.45E,h0km,mb3.6/6,
mbtmp3.9/7,ML3.9/1,Error ellipse: s-maj=60.0km
s-min=31.0km az=95.0

ISC 18 15:09:23.2:1.9,5.75S:0.2:153.2E:0.4,h35km,n8,c0670/8,
mb3.9/6,New Ireland region
Code Station Name Az AZ Phase ID Time Res
h m s ISC

ZALV Zalesovo Beam 82.12 326 P P 15 21 39.6 -0.6
1.3nm,0.6s,baz=112,slow=7.1,SNR=5.8
1.3nm,0.6s
TORO Torodi Ar. Bea 150.98 287 PKPbc PKPbc 15 29 13.0 -0.5
2.4nm,0.7s,baz=72,slow=2.2,SNR=10

ISC-EH 18 15:38:56.8,63.05N:148.46W,h73km,2km,Error ellipse:
s-maj=2.8km s-min=2.7km az=23.0
IDC 18 15:38:56.5:1.7,63.16N:148.71W,h67km,15km,mb3.6/19,
mbtmp4.0/22,Error ellipse: s-maj=15.0km s-min=13.0km
az=87.0

NEIC 18 15:38:56.8:1.0,63.02N:0.03:148.43W:0.05,h73km,3km,
Error ellipse: s-maj=4.0km s-min=3.0km az=163.0
AEIC 18 15:38:57.0:9.6,63.03N:0.03:148.44W:0.07,h68km,3km,
ML3.9,mb4.1/17(NEIC),ML4.2/156(NEIC),Error ellipse:
s-maj=4.6km s-min=3.9km az=51.0

ISC 18 15:38:56.8:0.6,63.04N:0.02:148.46W:0.03,h69km,5km,
n277,c0593/284,mb4.1/32,Central Alaska
Code Station Name Az AZ Phase ID Time Res
h m s ISC

CCB Clear Creek Bu 1.64 10 IAML 15 29 43.4
CCB comp=E,976nm,0.8s
CCB comp=N,10um,0.5s
KNK Knik Glacier 1.64 180 Pn 15 29 24.0 +0.4
KNK Knik Glacier 1.64 180 Pn 15 29 46.1 +2.4
KNK Knik Glacier 1.64 180 IAML 15 29 48.1
KNK comp=N,10um,0.5s
KNK comp=E,20um,0.5s
KNK Knik Glacier 1.64 180 P Pn 15 29 24.3 +0.7
KNK Knik Glacier 1.64 180 S Sn 15 29 46.2 +2.4
HARP HAARP 1.65 112 P Pn 15 29 24.6 +0.9
HARP baz=294
CAST Castle Rocks 1.69 285 Pn Pn 15 29 24.1 -0.1
CAST Castle Rocks 1.69 285 Pn Sn 15 29 44.7 -0.2
CAST Castle Rocks 1.69 285 IAML 15 29 47.9
CAST comp=E,3um,0.5s
CAST comp=N,2um,0.8s
CAST Castle Rocks 1.69 285 P Pn 15 29 24.2 0.0
CAST baz=102
CAST S Sn 15 29 44.7 -0.2
PPLA Purkeypile 1.71 267 P Pn 15 29 25.0 +0.4
PPLA Purkeypile 1.71 267 P Pn 15 29 25.5 +0.8
RIDG Independent Ri 1.77 65 Pn 15 29 26.3 +1.0
RIDG comp=N,2um,0.8s
RIDG Independent Ri 1.77 65 P Pn 15 29 26.5 +1.2
SKT Skwentna 1.78 235 Pn 15 29 25.7 +0.2
SKT comp=N,2um,0.4s
SKT IAML 15 29 53.3
SKT comp=E,2um,0.3s
SKT Skwentna 1.78 235 P Pn 15 29 25.8 +0.3
TCOL CIGU, UAF Yank 1.85 8 P Pn 15 29 26.8 +0.4
TCOL CIGU, UAF Yank 1.85 8 P Pn 15 29 26.8 +0.4
COLA College 1.86 8 Pn 15 29 26.8 +0.4
IL31 1.87 21 Pn 15 29 26.7 +0.1
ILAR Eielson Array 1.87 21 P Pn 15 29 26.9 +0.2
ILAR comp=E,156nm,0.3s,baz=202,slow=14,SNR=2847
S Sn 15 29 47.5 -1.8
ILAR comp=E,282nm,0.4s,baz=183,slow=18,SNR=26
ILAR Eielson Array 1.87 21 Pn 15 29 26.6 0.0
SUA Susitna One 1.92 215 Pn 15 29 27.6 +0.3
SUA Susitna One 1.92 215 Pn 15 29 27.0 +0.3
MDM Murphy Dome 1.93 3 Pn 15 29 28.3 +0.9
MDM IAML 15 29 50.2
CHUM Lake Minchumin 1.93 298 Pn 15 29 27.8 +0.4
KLU Klutina 1.96 142 IAML 15 29 27.8 -0.1
KLU comp=E,2um,0.4s
KLU IAML 15 29 56.2
KLU comp=N,2um,0.5s
KLU Klutina 1.96 142 P Pn 15 29 27.9 +0.1
RC01 Rabbit Creek A 2.05 198 Pn Pn 15 29 29.6 +0.5
RC01 Rabbit Creek A 2.05 198 Pn 15 29 29.8 +0.7
DOT Dot Lake 2.07 71 Pn 15 29 29.5 +0.2
FIS Fire Island 2.08 204 Pn 15 29 29.6 +0.2
J25K Salcha River, 2.09 40 IAML 15 29 29.8 +0.2
J25K IAML 15 29 57.2
J25K comp=E,2um,0.3s
J25K Salcha River, 2.09 40 P Pn 15 29 30.1 +0.5
J25K baz=22
POKR Poker Plat Res 2.13 12 IAML 15 29 30.5 +0.4
POKR IAML 15 29 55.4
POKR comp=E,850nm,0.8s
POKR IAML 15 29 56.2
POKR comp=N,1um,0.5s
POKR Poker Plat Res 2.13 12 P Pn 15 29 30.7 +0.5
I23K Minto, Yukon-K 2.15 350 Pn 15 29 30.7 +0.4
I23K Minto, Yukon-K 2.15 350 P 15 29 30.8 +0.5
MENT Mentasta 2.17 91 IAML 15 29 30.9 +0.3
15 40 06.5
PWL Port Wells 2.19 178 Pn 15 29 31.0 0.0
SCRK Sand Creek 2.21 63 Pn 15 29 31.6 +0.2
SCRK comp=N,1um,0.4s
SCRK Sand Creek 2.21 63 P Pn 15 29 31.7 +0.4
MLY Manley 2.23 334 IAML 15 29 32.0 +0.4
MLY IAML 15 29 59.0
MLY comp=N,879nm,0.5s
MLY Manley 2.23 334 P Pn 15 29 32.1 +0.6
DIV Divide 2.30 145 Pn 15 29 31.7 -0.8
N25K Chitina, Valde 2.31 127 IAML 15 29 32.3 -0.3
15 40 05.5
N25K comp=E,860nm,0.7s
N25K Chitina, Valde 2.31 127 P Pn 15 29 32.8 +0.2
L26K Log Cabin Wild 2.33 88 IAML 15 29 33.0 +0.2
15 40 09.0
L26K comp=N,2um,0.4s
L26K Log Cabin Wild 2.33 88 P Pn 15 29 33.6 +0.8
M20K Styx River 2.47 244 P Pn 15 29 35.0 +0.3
SPU Mount Spurr 2.52 224 Pn 15 29 33.0 -2.4
N20K Mount Spurr 2.56 225 P Pn 15 29 36.8 +0.8
SPCR Spurr Chakacha 2.56 225 P Pn 15 29 37.0 +1.0
L20K Farewell, AK 2.56 260 P Pn 15 29 36.2 +0.2
baz=75
K20K Telida 2.56 280 P Pn 15 29 36.0 0.0
K20K Telida 2.56 280 P Pn 15 29 36.3 +0.2
M26K Nabesna, AK 2.60 102 IAML 15 29 36.3 -0.2
15 40 18.0
M26K comp=E,892nm,0.5s
M26K IAML 15 29 23.0
J26L Joseph Creek 2.62 54 IAML 15 29 37.2 +0.4
15 40 10.9
J26L comp=N,718nm,0.3s
J26L IAML 15 40 11.7
J26L comp=E,593nm,0.3s
J26L Joseph Creek 2.62 54 P Pn 15 29 37.6 +0.8
O22K Cooper Landing 2.64 194 P Pn 15 29 37.1 +0.1
O22K Cooper Landing 2.64 194 P Pn 15 29 37.8 +0.8
I21K Tanana 2.64 326 Pn 15 29 37.4 +0.4
I21K Tanana 2.64 326 P Pn 15 29 37.7 +0.6
SLKM Skliak Lake 2.68 199 Pn 15 29 38.4 +0.7
GLB Gilahina Butte 2.70 124 Pn IAML 15 29 38.0 +0.1
15 40 18.1
GLB comp=E,498nm,0.7s
GLB IAML 15 40 18.9
BMRM Bremner River 2.76 137 P Pn 15 29 38.1 -0.6
BMRM Bremner River 2.76 137 P Pn 15 29 38.2 -0.6
J20K Nowinta River 2.78 297 Pn IAML 15 29 39.2 +0.3
15 40 12.7
J20K comp=N,453nm,0.6s
J20K Nowinta River 2.78 297 P Pn 15 29 39.4 +0.4
PRP Porcupine Dome 2.79 26 IAML 15 29 39.5 +0.3
15 40 14.0
PRP comp=E,614nm,0.7s
PRP IAML 15 40 17.3
PRP comp=N,611nm,0.8s
PRP Porcupine Dome 2.79 26 P Pn 15 29 39.9 +0.6
EYAK Cordova Ski Ar 2.81 152 P Pn 15 29 39.0 -0.3
EYAK Cordova Ski Ar 2.81 152 P Pn 15 29 39.3 -0.1
EYAK baz=334

18d 15h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like H24K, H24K, H23K, etc.

2016 DEC

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like MAYO, EPYK, EPYK, etc.

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

DJA 18 15:45:25.71.3.6.5.3.10^3E.1, h22km, 12km, M4.3/19, mb4.4/13, MLv4.3/19, MWmpw5.4/1, Mwp5.6/1
NEIC 18 15:45:25.1.6.5.7.7.7.0.06x103^2.2E:0.07, h35km, 2km, mb4.6/35, Error ellipse: s-maj=12.2km s-min=9.4km az=228.0
IDC 18 15:45:26.1.4.4.5.7.5S:103^20E, h46km, 41km, mb3.9/15, mbmp4.1/16, ML3.7/1, MS3.6/2, Error ellipse: s-maj=38.4km s-min=15.0km az=52.0

18d 16h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like H03S3 Juan Fernandez, G002 Mina Guanaco, and TRQA Torquist.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CFA Coronel Fontan, PLCA Paso Flores, and WRA Warramunga Arr.

HVO 18:30:32.71.4, 18.41N, 0.07W, 155.52W, 0.01, h37km, 8km, ML4.5/31, mb4.5/5(NEIC), ML4.6/54(NEIC), Error ellipse: s-maj=10.7km s-min=1.7km az=184.0

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes Hawaiian Islands section with stations like HPO Honuapo, KKH Kahuku, and AIN Ainahou.

2016 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like HATHI Halema'uma'u T, SBLHI Steaming Bluff, and JCUZ Jacuzzi.

IDC 18:41:49.61.4, 3.599S, 154.01E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=34.4km s-min=113.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and MKAR Makanchi Array.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AHBH KAZI, DBSU Daserun - Bushe, and ABEH Behbahan.

18d 17h

2016 DEC

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IDC 18 17:00:21.1, 4.5, 9.7S; 153.82E, h0km, mb4.1/10, mbmp4.1/12, ML2.9/2, MS3.8/16, Error ellipse: s-maj=40.5km s-min=20.8km az=112.0

ISC 18 17:00:27.2, 1.1, 5.93S; 0.09x153.6E, 0.1, h35km, n23, o1509/16, mb4.1/10, MS3.9/13, New Ireland region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
KRVT	Keravat (AS076	2.25	316	Op	17 01 02.1	+0.1
KRVT	19nm, 0.3s, baz=258, slow=2, SNR=7			S		
KRVT	29nm, 0.3s, baz=152, slow=2, SNR=6.3			S	17 01 28.4	-0.2
KRVT	comp=Z, 495nm, 19.3s, baz=242, slow=40, 124m, 0.5s			LR	17 01 59.6	
PMG	Port Moresby	7.26	241	P	17 02 11.8	+0.9
PMG	2.6nm, 0.3s, baz=35, slow=11, SNR=8.5			Pn	17 03 03.0	-1.6
PMG	1.6nm, 0.3s, baz=73, slow=11, SNR=5.0			S	17 05 25.9	
PMG	comp=Z, 704nm, 18.1s, baz=23, slow=41, 12m, 0.6s			LR		
CTA	Charters Tower	15.78	206	LR	17 10 08.6	
CTA	comp=Z, 456nm, 18.5s, baz=38, slow=37, 3.9m, 1.1s			LR		
SJJI	Sorong	22.85	282	LR	17 10 06.2	
SJJI	comp=Z, 122nm, 19.9s, baz=100, slow=38, Warramunga Arr	23.34	232	P	17 05 32.1	-0.4
WRA	5.8nm, 1.2s, baz=58, slow=9, SNR=8.0			LR	17 14 59.8	
WRA	comp=Z, 290nm, 18.1s, baz=46, slow=37, 5.8nm, 1.2s			LR		
ASAR	Alice Springs	25.89	225	P	17 05 55.6	-0.5
ASAR	3.9nm, 1.1s, baz=60, slow=9.2, SNR=17			PcP	17 09 26.8	+2.1
ASAR	0.2nm, 0.6s, baz=47, slow=2.3, SNR=4.5			LR	17 16 19.4	
ASAR	comp=Z, 311nm, 18.5s, baz=56, slow=37, 3.9m, 1.1s			LR		
STKA	Stevens Creek	28.15	202	LR	17 18 16.4	
STKA	comp=Z, 237nm, 18.2s, baz=24, slow=38, 3.9m, 1.1s			LR		
BATI	Baumata	29.94	260	LR	17 20 57.4	
BATI	comp=Z, 91nm, 18.2s, baz=122, slow=41, 2.7nm, 0.8s			LR	17 24 42.6	
RPZ	Rata Peaks	40.64	161	LR	17 24 42.6	
RPZ	comp=Z, 317nm, 18.5s, baz=293, slow=36, 2.7nm, 0.8s			LR		
MJAR	Matsushiro Arr	44.65	342	LR	17 27 23.9	
MJAR	comp=Z, 54nm, 18.7s, baz=112, slow=36, 2.7nm, 0.8s			LR	17 27 34.7	
RAR	Rarotonga	47.59	113	LR	17 27 34.7	
RAR	comp=Z, 56nm, 18.1s, baz=24, slow=34, 2.7nm, 0.8s			LR	17 10 17.4	0.0
KLR	Kuldir	51.15	343	P	17 10 17.4	0.0
KLR	2.7nm, 0.8s, baz=136, slow=3.6, SNR=7.9, 2.7nm, 0.8s			P	17 10 24.8	+0.3
CMAR	Chiang Mai Arr	59.08	296	P	17 10 24.8	+0.3
CMAR	0.5nm, 0.7s, baz=122, slow=5.6, SNR=4.9, 0.5nm, 0.7s			LR	17 36 35.9	
CMAR	comp=Z, 16nm, 19.2s, baz=80, slow=37, 0.5nm, 0.7s			LR		
SONM	Songino Array	67.70	328	P	17 11 22.6	+1.5
SONM	1.3nm, 0.7s, baz=137, slow=4.4, SNR=12, 1.3nm, 0.7s			P	17 12 42.6	+0.4
MKAR	Makanchi Array	81.70	319	P	17 12 42.6	+0.4
MKAR	1.1nm, 0.6s, baz=99, slow=6.6, SNR=9.2, 1.1nm, 0.6s			P	17 12 46.1	-1.9
ZALV	Zalesovo Beam	82.53	326	P	17 12 46.1	-1.9
ZALV	1.5nm, 0.4s, baz=114, slow=5.3, SNR=8.1, 1.5nm, 0.4s			P	17 45 28.8	
ILAR	Eielsoun Array	82.90	22	P	17 45 28.8	
ILAR	0.6nm, 1.0s, baz=209, slow=7.2, SNR=2.0, 0.6nm, 1.0s			LR	17 10 01.4	+0.3
KURBB	Kurchatov Arra	85.18	322	P	17 10 01.4	+0.3
KURBB	0.7nm, 0.3s, baz=110, slow=3.9, SNR=7.4, 0.7nm, 0.3s			LR	17 46 30.8	
YBH	Yreka Blue Hor	89.21	48	LR	17 46 30.8	
YBH	comp=Z, 28nm, 21.4s, baz=336, slow=31, 2.2nm, 0.3s			LR	17 13 25.2	-0.8
BVAR	Borovoye Array	90.62	323	P	17 13 25.2	-0.8
BVAR	1.2nm, 0.5s, baz=108, slow=4.8, SNR=7.9, 1.2nm, 0.5s			LR	18 00 52.5	
AKTO	Aktyubinsk	98.10	320	LR	18 00 52.5	
AKTO	comp=Z, 46nm, 18.6s, baz=106, slow=37, 1.5nm, 0.4s			LR	17 52 59.2	
PDAR	Pinedale Array	99.01	48	LR	17 52 59.2	
PDAR	comp=Z, 71nm, 21.3s, baz=319, slow=32, 3.0nm, 1.0s, baz=66, slow=2.7, SNR=8.3			PKPbc	17 20 17.8	-0.6

ASRS 18 17:05:23.6, 0.3, 51°N, 1°9'0E, h10km, MLh3.2/12, Error ellipse: s-maj=3.1km s-min=2.1km az=128.9, confirmed

NCC 18 17:05:30.0, 1.0, 51°29'N, 89.41E, h0km, mb3.9, mpv3.1, Error ellipse: s-maj=8.9km s-min=5.0km az=82.0

ISC 18 17:05:28.0, 9.5129N, 0.04x89.71E, 0.04, h10km, n24, o1854/2, 7C-10, Southwestern Siberia

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
ULGR	Ulagan, Altay	1.29	240	Pg	17 05 52.0	-0.3
ULGR	17 05 08.5	-0.8		Sg		
CUR	Chagan-Uzun	1.47	217	Pg	17 05 53.3	-1.6
CUR	17 06 12.1	-2.1		Sg		
ARTR	Artybash	1.60	290	Pg	17 05 58.0	+0.2
ARTR	17 06 19.2	-0.4		Sg		
CHBI	Chibit, Altay	1.71	236	Pg	17 05 59.6	-0.1
CHBI	17 06 21.9	+0.7		Sg		
DJO	Djoi, Khakassi	1.76	31	Pg	17 05 58.3	-0.5
DJO	17 06 21.1	-0.3		Sg		
DJOS	Djioskayva Sosn	1.84	34	Pg	17 06 00.4	+0.6
DJOS	17 06 23.4	+0.3		Sg		
TASR	Tashtagol	1.86	323	Pg	17 06 02.0	-0.3
TASR	17 06 27.9	0.0		Sg		
CERR	Cheremushki	1.89	33	Pg	17 06 00.7	+0.2
CERR	17 06 25.2	+0.6		Sg		
DGZ	Jazzart, Alta	1.25	223	Pg	17 06 06.2	+1.9
DGZ	17 06 35.1	+0.9		Sg		
LUZB	Luzhba, Kemero	2.43	349	Pg	17 06 10.8	-1.1
LUZB	17 06 44.5	-1.7		Sg		
GALT	Gorno-Altaysk,	2.44	287	Pg	17 06 11.2	-0.9
GALT	17 06 45.8	-0.8		Sg		
MALIN	Malinovka, Kuz	2.61	326	Pg	17 06 15.5	+0.5
MALIN	17 06 51.2	-0.7		Sg		
TAIL	Tailep, Kuzbas	2.66	326	Pg	17 06 52.4	-1.7
ELT	Taitsovka	2.91	314	Pg	17 06 16.2	+1.7
ELT	17 06 19.3	+0.2		Pb		
ELT	17 06 58.1	-3.5		Sg		
KZLR	Kyzyl	2.99	80	Sg	17 06 55.2	+3.6
UKR	Ust'-Kan	3.13	266	Pn	17 06 20.1	+2.5
UKR	17 06 24.1	+0.1		Pg		
ERU	Erunakovo, Kuz	3.19	335	Sg	17 07 06.6	-2.1
KOTO	Kotino, Kuzbas	3.36	331	Sg	17 07 07.6	-1.9
POMOR	Pomortsovo, Ku	3.67	330	Sg	17 07 24.9	-1.2
ZAAO	Zalesovo Array	4.00	314	Pg	17 06 40.6	+1.9
ZAAO	0.6nm, 0.8s			Lg	17 07 31.9	
MINR	Mina	4.62	35	Pg	17 06 48.3	+0.8
MINR	17 07 49.3	-3.8		Pb		
MK31	Makanchi Array	6.53	230	Pn	17 07 06.6	+1.0
MK31	2.2nm, 0.6s, baz=49, slow=11, SNR=1.6			Lg	17 08 56.9	
MAKZ	Makanchi	6.78	232	Pn	17 07 08.4	+0.8
MAKZ	1.7nm, 0.5s			Lg	17 09 00.8	
MAKZ	4.9nm, 0.8s			Lg	17 09 10.6	
KURBB	Kurchatov Arra	7.10	269	Pn	17 07 12.5	+0.6
KURBB	2.5nm, 0.6s			Pn	17 08 32.5	-0.1
KURBB	3.8nm, 0.7s			Lg	17 09 10.6	
KURBB	15nm, 0.8s			Lg		

IDC 18 17:06:01.5, 3.4, 6.41S; 154.10E, h0km, mb3.2/2, mbmp3.3/3, ML3.7/1, Error ellipse: s-maj=73.0km s-min=38.6km az=93.0, Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
KRVT	Keravat (AS076	2.94	315	Op	17 06 50.2	+0.7
KRVT	9.5nm, 0.3s, baz=185, slow=12, SNR=1.0, 34nm, 0.3s			Pn	17 11 12.5	-0.2
WRA	Warramunga Arr	23.44	233	P	17 11 12.5	-0.2
WRA	0.3nm, 0.5s, baz=56, slow=9.7, SNR=5.4, 0.3nm, 0.5s					

ASAR Alice Springs 25.91 226 P P 17 11 35.5 -0.1

TORD Torodi Arr. Bea 150.22 86 PKPbc PKPbc 17 25 59.7 -0.2

IDC 18 17:15:48.8, 1.2, 29.945N; 50.81E, h0km, mb3.9/12, mbmp3.9/18, ML3.6/6, MS3.1/6, Error ellipse: s-maj=25.8km s-min=17.3km az=161.0

ISC 18 17:15:01.0, 0.5, 29.43N; 0.05x50.94E, 0.04, h10km, n165, o194/197, mb3.9/14, Southern Iran

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
AHBU	AHRAM	0.64	151	Op	17 15 16.2	+1.9
AHBU	Kazerun	0.64	72	Op	17 15 14.1	+0.6
AHBU	KAZI	0.64	151	Pg	17 15 29.7	
DSBU	Dashti - Bushe	1.10	165	Op	17 15 24.8	+2.3
DSBU	comp=Z, 171um, 0.6s			Pn	17 15 47.1	
DSBU	comp=Z, 61um, 0.4s			Pn	17 15 25.3	-0.1
ABEH	Bebbahan	1.31	333	Op	17 16 04.9	
ABEH	comp=Z, 54um, 0.5s			Pg	17 15 28.7	+1.0
SHI	Shiraz	1.39	81	Op	17 15 30.3	
SHI	comp=Z, 34um, 0.3s			Pg	17 15 49.1	+3.4
SHI	KLJNJ	1.67	20	eSg	17 15 31.7	+1.0
SHI	Kulanjah	1.67	20	ePn	17 16 04.4	
QIR1	Qir	2.07	117	ePn	17 15 38.5	-0.3
QIR1	comp=Z, 14um, 0.6s			Pb	17 16 32.4	
JHRM	Jahrom	2.49	111	ePn	17 15 44.3	+2.6
IBRJ	Brojen	2.49	6	ePn	17 15 43.0	+1.1
IBRJ	comp=Z, 5um, 1.2s			Pn	17 15 44.9	+1.1
AMIS	Naft Sefid	2.65	328	ePn	17 16 40.5	
AMIS	comp=Z, 9um, 0.4s			Pn	17 15 45.8	+1.4
IRAM	Ramesheh	2.68	27	ePn	17 16 16.3	
IRAM	comp=Z, 3um, 0.6s			Pn	17 15 48.1	+0.7
SHK1	Shahreford	2.89	359	ePn	17 16 42.2	
SHK1	comp=Z, 4um, 0.9s			Pn	17 15 51.8	+1.4
IGAR	Gharneh	3.12	17	ePn	17 15 53.4	+1.1
IPIR	Pirpir	3.25	359	ePn	17 16 47.1	
IPIR	comp=Z, 5um, 1.0s			Pn	17 15 56.1	+1.3
ISAD	Sadrabad	3.43	43	ePn	17 16 11.0	
ISAD	comp=Z, 1um, 0.4s			Pn	17 15 58.3	+3.4
SAKB	Sakhr	3.45	186	ePn	17 15 59.6	+1.7
IZEF	Zefreh	3.66	19	ePn	17 15 59.7	+0.8
NASN	Na'in	3.72	25	ePn	17 16 01.2	+2.3
IMEH	Mehriz	3.73	57	ePn	17 17 09.8	
IMEH	comp=Z, 2um, 0.9s			Pn	17 16 02.4	+0.9
IKLH	Kolahrod	3.92	8	ePn	17	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAO, ASHTAN, HSAM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MRVT, WSAR, WSAR, WSAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR, TORD, DBIC, ILAR, YKA, etc.

0.2nm,0.7s,baz=310,slow=4.2,SNR=4.1
0.2nm,0.7s
YKA Yellowknife Ar 86.88 353 P P 17 57 17.0 -0.1

IDC 18 17:50:11.7,3.2,5.76S:154:18E,h0km,mb3.5/4,
mbmp3.7/6,ML2.4/1,Error ellipse: s-maj=64.3km
s-min=31.4km az=98.0

ISC 18 17:50:18.0,1.9,5.6S:01:154:0E,0.2,h35km,n6,1900/8,
mb3.5/4,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Rows include KRVT Keravat, KRVT Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, MKAR Makanchi Array.

IDC 18 17:52:54.6:0.9,5.43S:153:31E,h0km,mb4.0/13,
mbmp4.0/14,ML2.2/1,MS3.5/5,Error ellipse:
s-maj=23.0km s-min=17.6km az=101.0

ISC 18 17:53:00.8,0.8,5.44S:007:153:3E,0.1,h43km,n20,
c08120,mb4.0/12,New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Rows include KRVT Keravat, KRVT Port Moresby, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, KLR Kul'dur, HNR Honiara, CTA Charters Tower, DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, KLR Kul'dur.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, KLR Kul'dur, PETK Petropavlovsk, CMAR Chiang Mai Arr, SONM Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ILAR Eielson Array, KURBB Kurchatov Arr, AAK Ala-Archa, BVAR Borovoye Array, GERES GERES Array B, TORD Torodi Ar, Bea.

IDC 18 17:53:42.8,1.2,29.66N:50:71E,h0km,mb3.8/6,
mbmp3.8/20,ML3.4/4,Error ellipse: s-maj=24.5km
s-min=16.6km az=161.0

TEH 18 17:53:44.9,29.52N:50:90E,h15km,ML3.6,
OMAN 18 17:53:49.0,1.2,29.15N:51:20E,h10km,mb5.6/4,ml3.7/1,
Error ellipse: s-maj=1.3km s-min=1.0km az=333.0

ISC 18 17:53:43.2,0.5,29.16N:0105:50.95E,0.05,h10km,n103,
c212/118,mb3.8/16,Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Rows include KAZI Kazerun, DSBU Dashti - Bushe, ABEH Behbahan, SHI Shiraz, KLNJ Kolanjah, QIRI Qir, IBRJ Brojen, JHRM Jahrom, AMIS Naft Sefid, IRAM Ramesheh, SHK1 Shahrekord, IGAR Gharneh, ISAD Sadrabad, SAKB Bahrain, SHMA Al-Shehemia, IZEF Zefreh.

Table with columns: N/In, N/In, Pn, Pn, Pn. Rows include IMEH Mehriz, IKLH Kolahrood, YZKH Yazd, QAMS Qamsar, KHMZ Khomeyn, ANAR Anarak, KRSH Karshahi, SMRA Samra, IKFM Kafar-mosalmán, KHGB Koh Gabri, IDOB Doab, ISFB Sefidab, GHVR GHOM, BNDS Bandar-Abbas, ZRDN Zaran Kerman, KRBR Kerman, TVBK TV Kerman.

Table with columns: ASAO Ashtian, HSAM Samen, IKOM Komasi, SHME Shamm, CHMN Cheshme madani, ILBA Iliam Banvizesh, BANOM Banah, AJN Ajnan, TPRV Parvadeh/Tabas, NAZ Nazwa, Dubai, NAZ Naz, MASF Masafi, MASF Masaf, ASUD Al Ashuh, Dub, DAMV Damavand, MZWR Madinat Zayed, FAQ Al Faqa, Dubai, MDH Madha, MDH Madha, SNGE Sanandaj, CHTH Charan, UJMS Minazif, IDHR Dehrash, HATD Hatta, Dubai, KBAM BAM, ASHO Ashliyah, ASHO Ashliyah, TNSJ Nastanj, TKDS Koodahst/Taba, TABS Tabas, MZR Muzera, MZR Muzera, ZNJK Zanjan, GIDE GILAN DEYLAMAN, RAYN Ar Rayn, SHRO Shahrood, ARO Araqi, ARO Araqi, ZHSF Zahedan, BSY Bisya, BSY Bisya, SHRT Shahrakht, SMDO Samad, SMDO Samad, MRVT Maravesh tapeh, WSAR Wadi Sarin, WSAR Wadi Sarin.

Table with columns: CHBR Jabal Madar, JMDO Jabal Madar, WBK Wadi Bani Khal, GEYT Alibeck, MHTO MHTO, DOK Doka, DOK Doka, WHFO Wadi Hawf, ABTO Aybut, DMTO DMTO, ASF Jabal al Asfar, KBZ Khabz, BRTR Keskin Array B, AKTO Aktyubinsk, AAK Ala-Archa, BELG Belogornoyn, MLR Muntele Rosu, AKASG Malin Array Be, BVAR Borovoye Array, KURBB Kurchatov Arr, MKAR Makanchi Array, ZALV Zalesovo Beam, FINES FINESS Array B, HFS Hagfors, NB2 NORSAR Subarra, NOA NORSAR Array B, TORD Torodi Ar, Bea, DBIC Dimboko, ILAR Eielson Array, YKA Yellowknife Ar.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Rows include QIRI Qir, IBRJ Brojen, JHRM Jahrom, AMIS Naft Sefid, IRAM Ramesheh, IRAM Ramesheh, SHK1 Shahrekord, IGAR Gharneh, IPIR Piripir, ISAD Sadrabad, IZEF Zefreh, NASN Na'in, IMEH Mehriz, IMEH Mehriz, IKLH Kolahrood, ICHK Chekchek, QAMS Qamsar, YZKH Yazd, KHMZ Khomeyn, ANAR Anarak, IBAF Bafgh, KRSH Karshahi, IDOB Doab, KHGB Koh Gabri, ISFB Sefidab, GHVR GHOM, BNDS Bandar-Abbas, GENO Geno, NGRK Negar Kerman, HSAM Samen, ZRDN Zaran Kerman, ASAO Ashtian, KRBR Kerman, TVBK TV Kerman, KLNJ Kolanjah, QIRI Qir, IBRJ Brojen, JHRM Jahrom, AMIS Naft Sefid, IRAM Ramesheh, SHK1 Shahrekord, IGAR Gharneh, IPIR Piripir, ISAD Sadrabad, SAKB Bahrain, SHMA Al-Shehemia, IZEF Zefreh.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Rows include QIRI Qir, IBRJ Brojen, JHRM Jahrom, AMIS Naft Sefid, IRAM Ramesheh, IRAM Ramesheh, SHK1 Shahrekord, IGAR Gharneh, IPIR Piripir, ISAD Sadrabad, IZEF Zefreh, NASN Na'in, IMEH Mehriz, IMEH Mehriz, IKLH Kolahrood, ICHK Chekchek, QAMS Qamsar, YZKH Yazd, KHMZ Khomeyn, ANAR Anarak, IBAF Bafgh, KRSH Karshahi, IDOB Doab, KHGB Koh Gabri, ISFB Sefidab, GHVR GHOM, BNDS Bandar-Abbas, GENO Geno, NGRK Negar Kerman, HSAM Samen, ZRDN Zaran Kerman, ASAO Ashtian, KRBR Kerman, TVBK TV Kerman, KLNJ Kolanjah, QIRI Qir, IBRJ Brojen, JHRM Jahrom, AMIS Naft Sefid, IRAM Ramesheh, SHK1 Shahrekord, IGAR Gharneh, IPIR Piripir, ISAD Sadrabad, SAKB Bahrain, SHMA Al-Shehemia, IZEF Zefreh.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Rows include QIRI Qir, IBRJ Brojen, JHRM Jahrom, AMIS Naft Sefid, IRAM Ramesheh, SHK1 Shahrekord, IGAR Gharneh, IPIR Piripir, ISAD Sadrabad, SAKB Bahrain, SHMA Al-Shehemia, IZEF Zefreh, UOSS Minazif, HATD Hatta, Dubai, HATD Hatta, Dubai.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Rows include KRVT Keravat, KRVT Warramunga Arr, ASAR Alice Springs, URZ Uruma, MKAR Makanchi Array, TORD Torodi Ar, Bea.

IDC 18 18:09:33.9,6.4,21.08S:177:97W,h463km,4.3km,mb3.1/5,
mbmp4.0/7,Error ellipse: s-maj=110.6km s-min=29.5km
az=136.0

ISC 18 18:09:36.6,2.2,20.4S:03:178:2W,0.3,h500km,n11,
c082/120,mb3.6/5,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Rows include MSVF Nonsavu, DZM Mont Dzumac, CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, CMAR Chiang Mai Arr, AKASG Malin Array Be, BRTR Keskin Array B, GMAI Mount Meron Arr, GERES GERES Array B.

IDC 18 18:26:20.1,1.6,29.49N:50:80E,h0km,mb3.6/8,
mbmp3.7/10,ML3.0/2,MS3.0/1,Error ellipse:
s-maj=32.9km s-min=25.3km az=156.0

TEH 18 18:26:21.7,29.56N:50:90E,h9km,ML3.7,
DSN 18 18:26:23.9,3.4,29.12N:50:85E,h10km,ML3.8/10,Error
ellipse: s-maj=47.5km s-min=12.0km az=0.0

ISC 18 18:26:21.3,0.7,29.42N:006:50.85E,0.05,h10km,n95,
c1960/97,mb3.7/8,Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, Res. Rows include KAZI Kazerun, DSBU Dashti - Bushe, ABEH Behbahan, SHI Shiraz, KLNJ Kolanjah, QIRI Qir, IBRJ Brojen, JHRM Jahrom, AMIS Naft Sefid, IRAM Ramesheh, IRAM Ramesheh, SHK1 Shahrekord, IGAR Gharneh, IPIR Piripir, ISAD Sadrabad, IZEF Zefreh, NASN Na'in, IMEH Mehriz, IMEH Mehriz, IKLH Kolahrood, ICHK Chekchek, QAMS Qamsar, YZKH Yazd, KHMZ Khomeyn, ANAR Anarak, IBAF Bafgh, KRSH Karshahi, IDOB Doab, KHGB Koh Gabri, ISFB Sefidab, GHVR GHOM, BNDS Bandar-Abbas, GENO Geno, NGRK Negar Kerman, HSAM Samen, ZRDN Zaran Kerman, ASAO Ashtian, KRBR Kerman, TVBK TV Kerman, KLNJ Kolanjah, QIRI Qir, IBRJ Brojen, JHRM Jahrom, AMIS Naft Sefid, IRAM Ramesheh, SHK1 Shahrekord, IGAR Gharneh, IPIR Piripir, ISAD Sadrabad, SAKB Bahrain, SHMA Al-Shehemia, IZEF Zefreh.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like ANJ Anjilo, ASHO Ashiyah, ASHO Ashiyah, KBAM BAM, TNSJ Nastan, ISHM Shahrazad, TKDS Koohdash(Taba), MZR Muzera, MZR Muzera, TABS Tabas, ALNE Al Ain, ALNE Al Ain, GIDE GILAN DEYLAMAN, RAYN Ar Rayn, UMZA Um Al Zomool, SHRO Shahrood, ZHGF Zahedan, ZHSF Zahradkt, WSAR Wadi Sarin, WSAR Wadi Sarin, WSAR Wadi Sarin, MRVT Maraveh taph, CHABH Chabahar, GEYT Alibek, BRTR Keskin Array B, AKTO Aktyubinsk, AKASG Malin Array B, BVAR Borovoye Array, OBN Obninsk, KURBB Kurchatov Arra, ZALV Zalesovo Beam, NOA NORSTAR Array B, TORO Torodi Ar. Bea, YKA Yellowknife Ar.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like KAZI Kazerun, ABEH Behbahan, DSBU Dashti - Bushe, SHI Shiraz, SHI Shiraz, SHI Shiraz, KLNJ Kolanjah, KLNJ Kolanjah, QIR1 Qir, QIR1 Qir, IBRJ Brojen, AMIS Naft Sefid, IRAM Ramesheh, SHK1 Shahrekord, SHK1 Shahrekord, IGAR Garneher, IPIR Pirpir, IPIR Pirpir, ISAD Sadrah, IZEF Zefreh, IZEF Zefreh, NASM Na'in, IMEH Mehriz, IKLH Kohlahrood, IKLH Kohlahrood, ICHK Chekchek, QAMS Qamsar, QAMS Qamsar, YZKH Khomeyn, KHMZ Khomeyn, ANAR Anarak, IBAF Bafgh, IKRSH Karshahi, KPFM Katar-mosallam, IDOB Doab, ISFB Sefidab, GFSV GHOM, ASAO Ashtian, HSAM Samen, BND5 Bandar-Abbas, KRBB Kerman, TVBK T Kerman, IQOM Qom, IKOM Komasi, IVRN Varamin, ILBA Ilam Barvizeh, IIRAZ I Razezhan, ILMS Lasjerd, IDAM Damavand, IFIR Firoozkooch, SNGE Sanandaj, CHTH Charan, IANJ Anjilo, IDHR Dehrash, ISHM Shahmirzad, KBAM BAM, TABS Tabas, QALM Qazvin, GIDE GILAN DEYLAMAN, SHRO Shahrood, ZHSF Zahedan, MRVT Maraveh taph, WSAR Wadi Sarin, WSAR Wadi Sarin.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like KHZ Kahutara, KHZ Kahutara, BSWZ Blackbirch Sta, BSWZ Blackbirch Sta, GVZ Greta Valley S, CMWZ Cape Campbell, THZ Tophouse, TUWZ Tuamarina, AMCZ Amberley, LTZ Lake Taylor, MRNZ Matariki Terra, NNZ Nelson, TCW Tory Channel, SNZO South Karori, WEL Fox Glacier, TKNZ Takaka Hill, PLWZ Palliser, OXZ Oxford, DSZ Denniston Nort, MCZ McQueen's Vall, WEL Gauro Harbour, DUWZ D'Urville Isla, INZ Incheonie, CAW Cannon Point, PAWZ Paruruwai Farm, WEL Fox Glacier, QRZ Quartz Range, QRZ Quartz Range, KIW Kapiti Island, TRWZ Traveller, MTW Mount Morrison, WEL Waupaka, OGWZ Otaki Gorge, WACZ Wakauhi South, HOWZ Holdsworth Sta, TMWZ Te Maipa, WVZ Waitehua Valley, MRZ Mangaitioka R, RPZ Rata Peaks, RPZ Rata Peaks, ARZ Arundel, PRWZ Porri Road, FOZ Fox Creek Bo, BFZ Birch Farm, BFZ Birch Farm, BMZ Timaru, TRZ Takapari Road, LSZ Lake Rotokare, LSZ Lake Rotokare, KHEZ Kahui Hut, KHEZ Kahui Hut, PRHZ Porangahau, NBEZ Newall Road No, LBZ Lake Benmore, VRZ Vera Road, ODZ Otahua Downs, ODZ Otahua Downs, WHVZ Whangaehu Hut, WVZ Far West T-bar, NGZ Ngauruhoe, KHZ Kahurangi, KATZ Oturere, NNZ North Ngauruhoe, TNVZ Taurewa, WTVZ West Tongariro, ETVZ East Tongariro, KRVZ Karewarewa, TMVZ Te Maari, NTVZ North Tongariro, BKZ Black Stump Fm, BKZ Black Stump Fm, JCKZ Jackson Bay, HIZ Hauri, HIZ Hauri, TLZ Tolley Road, TLZ Tolley Road, MWZ Matawai, MWZ Matawai, MKAZ Moumakai, CTZ Chatham Island.

WEL 18 18:52:14.7, 42:51'S, 173:69'E, h8km, MLV4.0/10, South Island, New Zealand

WEL 18 18:52:16.1±0.3, 42:52'S, 173:36'E, h6km, 3km, M3.5/31, ML3.9/15, MLV3.5/31, Error ellipse: s-maj=0.0km s-min=0.2km, az=117.5, confirmed

ISC 18 18:52:15.6±0.9, 42:39'S, 173:62'E, h10km, n65, n195, e66, mb3.8/8, Southern Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like CMWZ Cape Campbell, BSWZ Blackbirch Sta, TUWZ Tuamarina, TUWZ Tuamarina, WEL Wellington, TCW Tory Channel, TCW Tory Channel, PWZ Palliser, CAW Cannon Point, PAWZ Paruruwai Farm, KIW Kapiti Island, NNZ Nelson, DUWZ D'Urville Isla, MTW Mount Morrison, TRWZ Traveller, KHZ Kahutara, OGWZ Otaki Gorge, HOWZ Holdsworth Sta, THZ Tophouse, TMWZ Te Maipa, TKNZ Takaka Hill, MRNZ Matariki Terra, MRZ Mangaitioka R, PRWZ Porri Road, POWZ Post Office Ro, GVZ Greta Valley S, QRZ Quartz Range, BFZ Birch Farm, LSZ Lake Taylor, DSZ Denniston Nort, WAZ Wanganui, AMCZ Amberley, PRHZ Porangahau, PRHZ Lake Rotokare, PNHZ Pukeuni, WPHZ Waipukurau, OKCZ Okains Bay, NMEZ Numea, KHEZ Kahui Hut, OXZ Oxford, NEZ North Egmont, NBEZ Newall Road No, INZ Incheonie, MOVZ Mowatonga, PKVZ Pokaka, DREZ Durham Road, PKE Pukeiti, KRHZ Kereru, WNVZ Wahiaono, RAZZ Rangitikei, WHVZ Whangaehu Hut, VRZ Vera Road, FWVZ Far West T-bar, TUWZ Tuamarina, NGVZ Ngauruhoe, OTVZ Oturere, NNVZ North Ngauruhoe, WTVZ West Tongariro, TNVZ Taurewa, TMVZ Te Maari, KRVZ Karewarewa, NTVZ North Tongariro, KATZ Kakaramea, RITZ Rihiu Road, BKZ Black Stump Fm, RAZZ Rangitikei, WVZ Waitehua Valley, WATZ Wairara, HIZ Hauri, TLZ Tolley Road, TOZ Tahuroa Road, JCZ Jackson Bay.

ISC 18 18:47:39.9±1.4, 29:77'N, 50:57'E, h0km, mb3.8/8, mbmp3.8/11, ML3.0/2, Error ellipse: s-maj=30.2km s-min=22.3km, az=143.0

TEH 18 18:47:41.5, 29:56'N, 50:59'E, h19km, ML3.6

ISC 18 18:47:40.3±0.7, 29:55'N, 05:50:93E±0.05, h10km, n65, n195, e66, mb3.8/8, Southern Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like YZKH Khomeyn, KHMZ Khomeyn, ANAR Anarak, IBAF Bafgh, IKRSH Karshahi, KPFM Katar-mosallam, IDOB Doab, ISFB Sefidab, GFSV GHOM, ASAO Ashtian, HSAM Samen, BND5 Bandar-Abbas, KRBB Kerman, TVBK T Kerman, IQOM Qom, IKOM Komasi, IVRN Varamin, ILBA Ilam Barvizeh, IIRAZ I Razezhan, ILMS Lasjerd, IDAM Damavand, IFIR Firoozkooch, SNGE Sanandaj, CHTH Charan, IANJ Anjilo, IDHR Dehrash, ISHM Shahmirzad, KBAM BAM, TABS Tabas, QALM Qazvin, GIDE GILAN DEYLAMAN, SHRO Shahrood, ZHSF Zahedan, MRVT Maraveh taph, WSAR Wadi Sarin, WSAR Wadi Sarin.

ISC 18 19:02:06.7±0.9, 17:01'N, 93:76'W, h132km, 11km, mb3.7/16, mbmp4.1/17, MS3.9/1, Error ellipse: s-maj=27.6km s-min=11.9km, az=50.0

NEIC 18 18:02:07.3±1.7, 16:90'N, 07:94:03W±0.03, h15km, 5km, mb4.3/36, MD4.8/11(MEX), Error ellipse: s-maj=10.3km s-min=2.8km, az=197.0

MEX 18 19:02:09.7±0.6, 16:96'N, 94:02'W, h148km, 3km, MD4.8

ISC 18 19:02:07.0±0.6, 16:92'N, 03:94:06W±0.03, h155km, 5km, n155, e199/227, mb4.122, Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like WSAR Wadi Sarin, WSAR Wadi Sarin, GEYT Alibek, KBZ Khabaz, BRTR Keskin Array B, AKTO Aktyubinsk, AKASG Malin Array B, BVAR Borovoye Array, ZALV Zalesovo Beam, NOA NORSTAR Array B, TORO Torodi Ar. Bea, DBIC Dibico, YKA Yellowknife Ar, WSAR Wadi Sarin, WSAR Wadi Sarin.

ISC 18 18:50:42.1±1.4, 6:29'S, 154:55'E, h0km, mb3.6/5, mbmp3.7/7, ML1.6/1, Error ellipse: s-maj=35.4km s-min=21.9km, az=124.0

ISC 18 18:50:47.0±1.4, 6:45'S, 154:57'E, h0km, n110, n65, e49, mb3.5/5, Bougainville Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like KRVT Keravat, KRVT Keravat, PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, ANS ANS Springs, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, SONM Songino Array, MKAR Makaranj Array, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like ULXUV ULXUV, NULT Santiago Nitte, NILT, CMIG Matias Romero, CMIG Matias Romero, CMIG Matias Romero, TGIG Tugit, TGIG Tugit, MIHL Minatitlan, MIHL Tuzandepeti, TUG Tugit, PCIG Pucallpa, PCIG Pucallpa, PCIG Pucallpa, VJSA Villahermosa, VJSA Villahermosa, NUVA Nuvoa, NUVA Nuvoa, PMUV Sontecomapan, PMUV Sontecomapan, CCIG Comitán, CCIG Comitán, CCIG Comitán, HUG Huatulco, HUG Huatulco, HUG Huatulco, PAVE Pavencul, PAVE Pavencul, PAVE El Naranjo, OXLC Oaxaca, OXLC Oaxaca, OXLB Oaxaca, OXLB Oaxaca, OXIG Oaxaca, OXIG Oaxaca, VHO Vista Hermosa, VHO Vista Hermosa, CHJU Union Juarez.

ISC 18 18:44:55.8±2.5, 4:97'S, 146:19'E, h0km, mb3.2/2, mbmp3.6/5, ML3.7/2, Error ellipse: s-maj=17.6km s-min=27.8km, az=87.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like PMG Port Moresby, CTZ Chatham Island, WRA Warramunga Arr, BSAR Ash Springs, SONM Songino Array.

ISC 18 18:44:55.8±2.5, 4:97'S, 146:19'E, h0km, mb3.2/2, mbmp3.6/5, ML3.7/2, Error ellipse: s-maj=17.6km s-min=27.8km, az=87.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like PMG Port Moresby, CTZ Chatham Island, WRA Warramunga Arr, BSAR Ash Springs, SONM Songino Array.

ISC 18 18:44:55.8±2.5, 4:97'S, 146:19'E, h0km, mb3.2/2, mbmp3.6/5, ML3.7/2, Error ellipse: s-maj=17.6km s-min=27.8km, az=87.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like PMG Port Moresby, CTZ Chatham Island, WRA Warramunga Arr, BSAR Ash Springs, SONM Songino Array.

1375

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Puerto Angel, Huehuetenango, Toxpalan, etc.

2016 DEC

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Signal Mountain, Waverly, Cooper Cave, etc.

18d 19h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like FOSV, AVT-Casa Cast, Roccafluvione, etc.

18d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOMM Songo Array, TAPN Tapejung, RAMN Ramite, etc.

NEIC 18 19:17:40.6:2.2, 19:19:50.0:1:173:16W:0:07, h10km, 1km, mb5.4/54, Error ellipse: s-maj=17.5km s-min=11.9km az=180.0

MOS 18 19:17:41.9:1.3, 20:05:5.173:68W, h11km, mb5.5/20, Error ellipse: s-maj=10.5km s-min=9.8km az=12.9

BUI 18 19:17:41.1:0.0, 19:97S:173:26W, h6km, mb5.3/31, mb5.5/15, Ms5.2/14, Ms7.4/9/14

ISC-EH 18 19:17:44.1, 20:12S:173:61W, h15km, Error ellipse: s-maj=6.3km s-min=3.8km az=146.0

GCMT 18 19:17:47.0:2.0, 20:06S:0:03:173:11W:0:01, h19km, MW5, 1/100, Moment Tensor Solution. s44, c56;

ISC 18 19:17:42.9:0.3, 20:11S:0:06:173:48W:0:06, h10km, 0.16h0, m463, c1934/434, mb5.4/101, MS4.7/32, 46C-53D, Tonga Islands

Main table of station data for the 18d 19h period, including station names like NIUE, NIUE, NIUE, etc., and their respective coordinates and phases.

2016 DEC

Main table of station data for the 2016 DEC period, including station names like ARMA, ARMA, ARMA, etc., and their respective coordinates and phases.

1376

Main table of station data for the 1376 period, including station names like SIJI, SIJI, SIJI, etc., and their respective coordinates and phases.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BJT Beijing, KNRA Kununurra, and various regional stations.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like TJN Taejon, KK31 Karatay Array, and various regional stations.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MDJ, BRVK, and various regional stations.

1381

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like LJU Ljubljana, OBKA Obir, BLEU Blekinge, SUR Sutherland, etc.

2016 DEC

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like DOU Dourbes, SNF Senefle, GAMB Gambell, URZ Urewera, etc.

18d 19h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like Q18K Katmai Hardscr, F25K Christian River, H24K Noodor Dome, etc.

18d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include JWFS Jewell Farm, MONP2 Monument Peak, BGNE Belgrade, etc.

IDC 18 19:32:00.1±6.0, 5.89S; 154.77E, h0km, mb3.5/2, mbtmp3.5/2, MS3.9/1, Error ellipse: s-maj=223.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include ASAR Alice Springs, LEM Lembang, MKAR Makanchi Array, etc.

NEIC 18 19:49:41.9±2.2, 6.37S; 0.08±154.25E±0.08, h10km, 1km, mb5.0/39, Error ellipse: s-maj=14.5km s-min=10.9km

ISC-EH 18 19:49:42.2, 6.40S; 154.40E, h19km, 2km, Error ellipse: s-maj=6.1km s-min=4.7km az=72.0

IDC 18 19:49:44.0±5.0, 6.33S; 154.39E, h36km, 4km, mb4.3/27, mbtmp4.6/31, ML4.4/3, MS3.9/1, Error ellipse: s-maj=14.1km s-min=11.0km az=88.0

BUI 18 19:49:46.4±0.0, 6.05S; 154.66E, h61km, mb4.7/46, mb5.1/24, Ms4.7/11, Ms7.4/5/13

DJA 18 19:49:47.1±0.5, 6.53S; 154.46E, h60km, 6km, M4.9/20, mb5.1/6, mb5.0/2.0, ML5.1/3, Mw(mb)4.5/6

ISC 18 19:49:45.9±0.3, 6.39S; 0.05±154.36E±0.06, h48km, n118, az=152.3/130, mb5.0/59, MS4.4/5, 4C-3D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

2016 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

1382

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include TNCH Tennant Creek, LZH Lanzhou, LZH Lanzhou, etc.

NEIC 18 19:55:17.9±2.7, 6.27S; 0.08±154.51E±0.08, h10km, 1km, mb5.0/31, Error ellipse: s-maj=14.6km s-min=11.7km az=37.0
ISC-EH 18 19:55:23.0, 6.20S; 154.43E, h48km, 4km, Error ellipse: s-maj=6.8km s-min=5.6km az=77.0
BUI 18 19:55:24.7±0.0, 5.90S; 154.37E, h63km, mb4.8/44, mb5.0/21, Ms4.6/7, Ms7.4/5/8
DJA 18 19:55:24.5±0.4, 6.53S; 154.46E, h51km, 5km, M5.2/29, mb4.8/29, mb5.4/6, ML5.7/4, Mw(mb)4.8/6, MwMwp5.9/1, Mw5.9/1
IDC 18 19:55:24.8, 6.11S; 154.31E, h54km, 16km, mb4.2/24, mbtmp4.5/28, ML3.7/4, Error ellipse: s-maj=16.1km s-min=9.2km az=68.0
GCMT 18 19:55:27.9±0.3, 6.35S; 0.02±154.29E±0.03, h26km, 1km, Mw5.2/64, Moment Tensor Solution. s35 c37; s64 c88; Duration: 10s Moment tensor: Scale 10^19N; Mns: 3.45; 3.7; Mm: 2.48; 2.4; Mv: 2.66; 2.4; Mw: 0.39; 4.7; Ms: 3.75; 2.1; Mw: 5.95; 5.3; Best double couple: M8, 191000*1016 NP1, 165.00000*, 868.00000*, 1.116.00000*, NP2, 292.00000*, 834.00000*, 1.43.00000*
Principal axes: T: 8.6320, P: 659.0000, Azm: 112.0000; N: -0.8830, P: 424.0000, Azm: 334.0000; P: -7.7490, P: 1919.0000, Azm: 236.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
ISC 18 19:55:24.8±0.4, 6.22S; 0.05±154.27E±0.06, h61km, n113,

1564/110, mb4.8/58, 3C-3D, Bougainville-Solomon Islands region		Code	Station Name	A°	AZ°	Phase	ID	Time	Res
Code	Station Name	A°	AZ°	Phase	ID	Time	Res	ISC	ISC
RABL	Rabaul	2.91 314	Op	ISC					
KRVT	Keravat (AS076)	2.93 310	P	Pn		19 56 07.8	+0.9		
KRVT		2.93 310	P	Pn		19 56 08.8	-0.2		
KRVT		2.93 310	S	Pn		19 56 41.6	+1.5		
HNR	Honiara	6.47 120	P	Pn		19 56 58.6	+1.2		
HNR		6.47 120	S	Pn		19 58 14.3	+4.4		
HNR		6.47 120	P	Pn		19 57 50.2	-7.3		
HNR		6.47 120	P	Pn		19 57 15.5	+0.9		
PMG		6.47 120	S	Pn		19 58 40.4	-0.3		
PMG		6.47 120	S	Pn		19 57 11.3	-3.3		
PATS		6.47 120	P	Pn		19 58 25.2	-1.0		
JAY		6.47 120	P	Pn		19 58 38.8	-1.7		
CTA		6.47 120	P	Pn		19 59 04.6	+0.6		
CTAO		6.47 120	P	Pn		19 58 56.5	-7.5		
EIDS		6.47 120	P	Pn		19 59 39.9	+5.2		
DZM		6.47 120	P	Pn		19 59 50.1	-0.7		
DZM		6.47 120	eP	LR		19 59 50.6	-0.3		
DZM		6.47 120	eLR	LR		20 04 32.3			
DZM		6.47 120	P	Pn		19 59 45.6	-3.3		
DZM		6.47 120	I	Amb		19 59 50.8			
OUENC		6.47 120	P	Pn		19 59 48.7	-5.6		
OUENC		6.47 120	I	Amb		19 59 56.0			
MARNC		6.47 120	P	Pn		19 59 48.6	-6.0		
WR0		6.47 120	P	Pn		20 00 28.9	-0.9		
WR0		6.47 120	I	Amb		20 00 49.7			
WB0		6.47 120	P	Pn		20 00 30.1	+0.2		
WB0		6.47 120	I	Amb		20 00 46.0			
SIJI		6.47 120	P	Pn		20 00 30.5	+0.4		
WRAB		6.47 120	P	Pn		20 00 31.9	+0.9		
WRAB		6.47 120	I	Amb		20 00 48.0			
WB2		6.47 120	P	Pn		20 00 32.1	+1.0		
WB2		6.47 120	I	Amb		20 00 48.1			
WRA		6.47 120	P	Pn		20 00 32.0	+0.8		
WRA		6.47 120	I	Amb		20 00 48.1			
WRA		6.47 120	P	Pn		20 00 30.4	-0.8		
MSAI		6.47 120	P	Pn		20 00 49.1	+2.2		
AS31		6.47 120	P	Pn		20 00 55.1	+1.5		
ASAR		6.47 120	P	Pn		20 00 53.9	+0.2		
KNRA		6.47 120	P	Pn		20 00 59.5	+0.8		
KNRA		6.47 120	I	Amb		20 01 26.3			
NLAI		6.47 120	P	Pn		20 01 02.2	-1.2		
STKA		6.47 120	P	Pn		20 01 11.8	+0.6		
STKA		6.47 120	P	Pn		20 01 11.4	+0.1		
SANI		6.47 120	P	Pn		20 01 16.0	+1.3		
SOEI		6.47 120	P	Pn		20 01 29.4	+2.1		
FITZ		6.47 120	P	Pn		20 01 29.9	-0.8		
BBOO		6.47 120	P	Pn		20 01 40.5	+0.2		
BBOO		6.47 120	I	Amb		20 01 54.0			
LUWI		6.47 120	P	Pn		20 01 45.7	+1.5		
MMRI		6.47 120	P	Pn		20 01 45.2	+0.9		
APSI		6.47 120	P	Pn		20 01 55.4	+1.3		
SPSI		6.47 120	P	Pn		20 02 16.8	+1.0		
FORT		6.47 120	P	Pn		20 02 10.1	+1.5		
MPSI		6.47 120	P	Pn		20 02 11.0	0.0		
PLAI		6.47 120	P	Pn		20 02 21.5	-1.0		
TSWI		6.47 120	P	Pn		20 02 25.0	-5.0		
URZ		6.47 120	P	Pn		20 02 36.6	-0.6		
RPZ		6.47 120	P	Pn		20 02 55.9	+1.0		
SSLB		6.47 120	P	Pn		20 03 27.5	0.0		
SSLB		6.47 120	I	Amb		20 03 30.6			
JNU		6.47 120	P	Pn		20 03 33.2	-1.1		
MJAR		6.47 120	P	Pn		20 03 36.2	+1.0		
LEM		6.47 120	P	Pn		20 03 49.1	+3.7		
KSR5		6.47 120	P	Pn		20 04 11.8	-0.6		
PPT2		6.47 120	P	Pn		20 21 17.9			
PPT2		6.47 120	eLR	LR		20 21 18.2			
ENH		6.47 120	P	Pn		20 04 59.0	+0.2		
ENH		6.47 120	I	Amb		20 05 00.4			
TBI		6.47 120	eLR	LR		20 21 38.5			
TBI		6.47 120	eLR	LR		20 21 39.0			
HNS		6.47 120	P	Pn		20 05 08.5	+4.5		
HNS		6.47 120	P	Pn		20 05 03.4	-1.0		
BNX		6.47 120	P	Pn		20 05 03.4	-1.0		
BNX		6.47 120	P	Pn		20 05 04.0	-0.6		
GSI		6.47 120	P	Pn		20 05 14.8	-0.7		
GSI		6.47 120	I	Amb		20 05 06.4			
KLR		6.47 120	P	Pn		20 05 26.2	+2.0		
XAN		6.47 120	P	Pn		20 05 16.8	-2.0		
XAN		6.47 120	P	Pn		20 05 31.9	-1.9		
KMI		6.47 120	P	Pn		20 05 40.3	+0.1		
KMI		6.47 120	P	Pn		20 05 18.2	-1.0		
PETK		6.47 120	P	Pn		20 05 26.2	+2.0		
CMAR		6.47 120	P	Pn		20 05 29.3	+1.1		
PZH		6.47 120	P	Pn		20 05 29.3	-0.2		
PZH		6.47 120	P	Pn		20 05 29.3	-0.2		
XLT		6.47 120	P	Pn		20 05 31.8	+1.1		
XLT		6.47 120	P	Pn		20 05 31.8	+1.1		
CD2		6.47 120	P	Pn		20 05 31.8	+1.1		

CD2	Station Name	A°	AZ°	Phase	ID	Time	Res	ISC	ISC
HEH	Heihe	60.87 341	eP	P		20 05 29.5	-1.4		
HHC		60.87 341	P	Pn		20 05 35.6	+3.1		
HHC		60.87 341	P	Pn		20 05 35.6	+3.1		
HHC		60.87 341	P	Pn		20 05 43.3	+0.9		
TNCH	TengChong	62.46 302	P	Pn		20 05 43.3	+0.9		
TNCH		62.46 302	sP	Pn		20 06 09.4	+4.2		
TNCH		62.46 302	P	Pn		20 05 49.3	+1.8		
TNCH		62.46 302	sP	Pn		20 06 05.8	-1.0		
TNCH		62.46 302	sP	Pn		20 06 12.5	+3.1		
LZH	Lanzhou	63.26 316	eP	P		20 05 49.3	+1.8		
LZH		63.26 316	pP	Pn		20 06 05.8	-1.0		
LZH		63.26 316	sP	Pn		20 06 12.5	+3.1		
LZH		63.26 316	P	Pn		20 05 49.3	+1.8		
LZH		63.26 316	sP	Pn		20 06 05.8	-1.0		
LZH		63.26 316	sP	Pn		20 06 12.5	+3.1		
GTA	Gaotai	67.69 317	IP	P		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P	Pn		20 06 17.0	+1.1		
GTA		67.69 317	sP	Pn		20 06 42.6	+0.1		
GTA		67.69 317	P						

18d 19h

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

2016 DEC

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

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

PET	comp=Z,300nm,19.0s	MLR	MLR				
PET	Petropavlovsk	59.01	3	P	P	20 07 52.0 +3.2	
PET	PEA0B	59.06	2	P	P	20 08 06.0 +0.5	
PEA0B	Petropavlovsk-	59.06	2	P	P	20 07 50.6 +1.5	
PEA0B	PEA0B	59.06	2	P	Pmax	20 07 50.7 +1.5	
PETK	comp=Z,50nm,0.8s						
PETK	Petropavlovsk-	59.06	2	P	P	20 07 51.1 +1.9	
PETK	comp=Z,47nm,0.7s,baz=184,slo=9.3,SNR=32						
PETK	comp=Z,222nm,21.8s,baz=175,slo=32						
MLSI	Meulaboh, Aceh	59.13	279	P	P	20 07 53.1 +2.7	
KMI	Kunming	59.30	304	P	P	20 07 53.6 +1.9	
KMI				pP	pP	20 08 00.9 -2.5	
KMI				sP	sP	20 08 07.9 -0.2	
KMI	comp=Z,99nm,1.1s						
KMI	comp=Z,170nm,11.2s						
KMI	comp=Z,280nm,18.9s						
KMI	comp=Z,340nm,31.1s						
KMI	Kunming	59.30	304	P	P	20 07 53.5 +1.9	
KMI				sP	sP	20 08 09.4 +1.3	
CMIAI	Chiangrai	59.47	298	P	P	20 07 54.2 +1.6	
CM31	Chiang Mai Arr	60.16	295	P	P	20 07 59.1 +1.6	
CMAR	Chiang Mai Arr	60.16	295	P	P	20 07 59.2 +1.8	
CMAR	comp=Z,74nm,0.8s,baz=116,slo=5.1,SNR=145						
CMAR	comp=Z,110nm,21.5s,baz=100,slo=34						
CMAR	comp=Z,1.3nm,0.9s,baz=324,slo=2.8,SNR=4.5						
CMAR	comp=Z,3.0nm,1.0s,baz=289,slo=4.2,SNR=10.0						
CMAR	comp=Z,74nm,0.8s						
CMAR	Chiang Mai Arr	60.16	295	P	P	20 07 59.1 +1.6	
CMAR	Chiang Mai Arr	60.16	295	P	P	20 07 59.2 +1.8	
CMAR	comp=Z,79nm,0.8s						
CHTO	Chiang Mai	60.27	296	P	P	20 07 59.6 +1.5	
CHTO	Chiang Mai	60.27	296	P	P	20 07 59.7 +1.5	
CHTO	comp=Z,91nm,1.1s						
PZH	PanZhiHua	60.69	305	P	S	20 08 01.8 +0.8	
PZH				S	S	20 16 21.0 +5.8	
PZH	comp=Z,20nm,0.9s						
PZH	comp=Z,190nm,4.9s						
PZH	comp=Z,510nm,21.5s						
PZH	comp=Z,630nm,20.8s						
PZH	comp=Z,910nm,18.6s						
XLT	XiLinHaoTe	60.77	329	P	P	20 08 01.9 +0.7	
XLT				pP	pP	20 08 12.1 -1.1	
XLT				sP	sP	20 08 15.8 -2.1	
XLT				PcP	PcP	20 08 44.8 0.0	
XLT	comp=Z,180nm,0.6s						
XLT	comp=Z,130nm,9.2s						
SHEM	Shemys Is, Ala	60.90	13	LR	LR	20 31 29.3	
HEH	HeiHe	60.92	340	eP	P	20 08 02.1 +0.1	
HEH	comp=Z,16nm,0.8s						
CD2	Chengdu	61.04	310	P	S	20 08 04.3 +1.0	
CD2				sP	sP	20 08 18.8 -1.2	
CD2	comp=Z,60nm,0.5s						
HHC	Hu-ho-hao-te	61.23	324	eP	P	20 08 05.6 +1.2	
HHC	comp=Z,25nm,1.0s						
HHC	comp=Z,290nm,5.4s						
DRV	Dumont d'Urville	61.30	187	P	P	20 08 04.6 +0.3	
ADK	Adak	62.74	20	P	P	20 08 16.4 +2.2	
ADK	Adak	62.74	20	P	P	20 08 16.4 +2.2	
TNCH	TengChong	62.78	302	P	P	20 08 16.3 +1.0	
TNCH				pP	pP	20 08 23.3 -3.8	
TNCH				S	S	20 16 41.6 -0.4	
TNCH				sS	sS	20 16 59.4 -2.3	
TNCH	comp=Z,51nm,0.8s						
TNCH	comp=Z,180nm,4.8s						
TNCH	comp=Z,140nm,5.1s						
TNCH	comp=Z,150nm,4.6s						
HIA	Hailar	63.02	335	P	P	20 08 16.8 +0.6	
HIA	Lanzhou	63.50	315	sP	pP	20 08 30.6 +2.5	
LZH				P	P	20 08 21.1 +1.3	
LZH	comp=Z,57nm,1.0s						
LZH	comp=Z,210nm,17.1s						
LZH	comp=Z,200nm,16.7s						
LZH	comp=Z,310nm,17.5s						
MND	Mandalay	63.81	298	P	P	20 08 23.3 +1.4	
ZEA	Zeya	63.96	342	eP	P	20 08 22.9 +0.7	
ZEA	comp=N,10.0nm,1.1s						
ZEA	comp=Z,30nm,0.8s						
TAOE	Nuku Hiva Isla	64.57	97	eLR	LR	20 27 48.5	
MA2	Magadan	65.56	358	P	P	20 08 33.0 +0.4	
MA2	comp=Z,29nm,0.8s,baz=154,slo=6.9,SNR=13						
MA2	comp=Z,84nm,18.1s,baz=178,slo=38						
MA2	comp=Z,29nm,0.8s						
MA2	Magadan	65.56	358	P	P	20 08 33.0 +0.4	
MA2	comp=Z,33nm,0.8s						
MA2	Magadan	65.56	358	iP	P	20 08 33.4 +0.8	
MA2	comp=Z,38nm,0.9s						
MA2	Magadan	65.56	358	P	P	20 08 32.9 +0.4	
MA2				pP	pP	20 08 42.6 -2.1	
MA2				sP	sP	20 08 47.4 -2.0	
NIKH	Nikolski High	66.45	23	P	P	20 08 38.8 +0.5	
CASY	Casey	67.33	198	P	P	20 08 43.7 -0.2	
CASY	comp=Z,45nm,1.3s						
CASY	Casey	67.33	198	P	P	20 08 43.7 -0.2	
GTA	Gaotai	67.91	317	P	P	20 08 49.3 +1.1	
GTA				pP	pP	20 08 59.0 -0.8	
GTA				sP	sP	20 08 03.8 -1.2	
GTA	comp=Z,19nm,1.2s						
GTA	comp=Z,160nm,7.0s						
GTA	comp=Z,140nm,19.6s						
GTA	comp=Z,150nm,17.1s						
GTA	comp=Z,220nm,20.7s						
BRDH	Bariadhala	67.95	297	P	P	20 08 50.8 +2.2	
UNV	Unalaska Valle	68.04	24	P	P	20 08 47.8 -0.6	
UNV	Unalaska Valle	68.04	24	P	P	20 08 49.3 +0.9	
UNV	comp=Z,222						
ULN	Ulaanbaatar	68.12	328	P	P	20 08 50.3 +1.0	
ULN				pmax	pmax		
ULN	Ulaanbaatar	68.12	328	P	P	20 08 50.3 +1.0	
ULN				pP	pP	20 09 01.0 -0.4	
ULN				sP	sP	20 09 06.2 +0.1	
SONM	Songino Array	68.45	327	P	P	20 08 52.2 +0.8	
SONM	comp=Z,8.7nm,0.5s,baz=144,slo=5.5,SNR=28						
SONM	comp=Z,1.2nm,1.0s,baz=263,slo=2.4,SNR=15.5						
SONM	comp=Z,1.2nm,1.0s,baz=263,slo=2.4,SNR=15.5						

SOMN	comp=Z,127nm,19.7s,baz=146,slo=36						
SOMN	Songino Array	68.45	327	P	P	20 08 51.9 +0.5	
SHL	Shilling	68.61	300	P	P	20 08 53.3 +0.4	
SHL	Shilling	68.61	300	P	P	20 08 53.3 +0.4	
SEY	comp=Z,106nm,1.0s						
SEY	Seymchan	68.88	359	P	P	20 08 53.6 +0.1	
SEY	comp=Z,9.9nm,0.9s,baz=162,slo=5.6,SNR=12						
SEY	comp=Z,108nm,18.2s,baz=160,slo=37						
SEY	comp=Z,9.9nm,0.9s						
SEY	Seymchan	68.88	359	iP	P	20 08 53.7 +0.2	
SEY	comp=Z,10.0nm,0.9s						
FALS	False Pass	70.02	24	P	P	20 09 01.7 +1.1	
LSA	Lhasa	70.55	304	P	P	20 09 06.3 +1.2	
LSA	Lhasa	70.55	304	P	P	20 09 21.0 -1.0	
YAK	Yakutsk	70.65	348	P	P	20 09 04.9 +0.6	
YAK	comp=Z,18nm,0.7s,baz=142,slo=0.9,SNR=14						
YAK	comp=Z,98nm,21.5s,baz=93,slo=35						
YAK	comp=Z,18nm,0.7s						
YAK	Yakutsk	70.65	348	P	P	20 09 04.2 -0.2	
YAK	Yakutsk	70.65	348	eP	P	20 09 05.0 +0.6	
YAK				ePP	P	20 09 12.9 -3.7	
YAK				ePPP	PPP	20 09 27.5	
YAK				eS	S	20 18 16.6 +1.4	
YAK				eSS	SS	20 18 36.1 +0.8	
YAK				eSS	SS	20 22 49.2 +1.4	
YAK	comp=Z,44nm,1.4s						
YAK	comp=N,10.0nm,1.3s						
YAK	comp=E,3.0nm,0.9s						
YAK	comp=Z,119nm,4.2s						
YAK	comp=N,142nm,3.4s						
YAK	comp=E,78m,3.3s						
YAK	comp=N,159nm,4.7s						
YAK	comp=E,102nm,3.3s						
YAK	Yakutsk	70.65	348	P	P	20 09 05.0 +0.6	
YAK				sP	sP	20 09 20.8 -0.5	
YAK				S12K	P	20 09 08.6 +0.9	
CCD	Black Hills	71.16	24	P	P	20 09 08.6 +0.3	
CCD	Concordia, Ant	71.23	188	P	P	20 09 20.7 +0.4	
CCD				pP	pP	20 09 10.0 +0.8	
VNDA	Vanda	71.46	178	P	P	20 09 10.0 +0.8	
VNDA	comp=E,4.8nm,0.7s,baz=331,slo=6.8,SNR=18						
VNDA	comp=E,63nm,18.0s,baz=3.5,slo=33						
VNDA	comp=E,4.8nm,0.7s						
VNDA	Vanda	71.46	178	P	P	20 09 09.6 +0.4	
VNDA	comp=Z,91nm,2.0s						
VNDA	Vanda	71.46	178	P	P	20 09 10.0 +0.8	
VNDA	Vanda	71.46	178	P	P	20 09 09.5 +0.4	
VNDA	Vanda	71.46	178	pP	pP	20 09 20.6 -0.4	
ZAK	Zakamensk	71.61	328	eP	P	20 09 10.6 0.0	
ZAK				pmax	pmax		
ODAN	Odare	72.85	300	eP	P	20 09 19.7 +1.0	
MOY	Mondy	73.53	328	eP	P	20 09 22.1 +0.1	
MOY	comp=Z,16nm,1.3s						
RAMN	Ramite	73.55	300	eP	P	20 09 23.2 +0.3	
JIRN	comp=Z,49nm,0.5s						
JIRN	Jiri	74.10	301	eP	P	20 09 26.7 +0.5	
JIRN	comp=Z,58nm,0.6s						
GAMB	Gambell	74.15	15	P	P	20 09 26.9 +1.7	
GAMB	baz=215						
GUN	Gumba	74.43	301	eP	P	20 09 28.8 +0.7	
GUN	comp=Z,67nm,0.5s						
BILL	Bilibino	74.44	4	P	P	20 09 27.9 +0.9	
BILL	Bilibino	74.44	4	iP	P	20 09 27.8 +0.9	
BILL				e	P	20 09 40.3	
BILL				ePPP	PPP	20 12 13.1	
BILL				eS	S	20 19 06.6 +2.3	
BILL				eSS	SS	20 23 49.0 +3.5	
BILL	comp=Z,56nm,0.7s						
BILL	comp=Z,148nm,16.0s						
PKI	Pulchoki	74.74	301	eP	P	20 09 30.0 +0.1	
PKI	comp=Z,66nm,0.8s						
PKIN	Pulchoki	74.75	301	eP	P	20 09 30.0 +0.1	
PKIN	comp=Z,49nm,0.5s						
R17K	Ugashik Creek	74.79	25	P	P	20 09 30.4 +1.2	
R17K	baz=231						
KKN	Kakani	74.91	301	eP	P	20 09 31.1 +0.4	
DMN	Daman	75.01	301	eP	P	20 09 31.8 +0.4	
PALK	Pallekele	75.03	279	P	P	20 09 30.1 -1.3	
PALK	Pallekele	75.03	279	iP	P	20 09 32.2 +0.7	
PALK	comp=Z,89nm,0.9s						
P16K	Nushagak River	75.04	23	P	P	20 09 31.9 +1.4	
P16K	baz=229						

Table with columns: YKA, Yellowknife Ar, 95.70, 28, P, P, 20 11 14.9 +0.4, etc. Includes various astronomical objects like Yellowknife Ar, Yellowknife Ar, Dugway, etc.

Table with columns: NB2, NORSAR Subarray, 118.79, 341, PKPdf, PKPdf, 20 16 35.6 -1.4, etc. Includes various astronomical objects like NORSAR Subarray, NORSAR Array B, etc.

Table with columns: ROSC, El Rosal, 131.19, 89, PKP, PKPdf, 20 17 02.8 +0.2, etc. Includes various astronomical objects like El Rosal, MACRO, etc. Includes a detailed table for station data at the bottom.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MDH Madha, IFIR Firoozkooh, and various international and local stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KBL Kabul, SOCC Sochi, and various international and local stations.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GERES GERES Array B, KHC Kasperske Hory, and various international and local stations.

KRSC 18 20:58:00.9; 1.0, 55.18N; 165.52E, h40km; 13km, ML3.7
IDC 18 20:58:00.8; 2.1, 54.87N; 165.63E, h0km, mb3.4/4,
mbmp3.4/5, ML2.7/1, MS3.8/1, Error ellipse: s-maj=85.2km
s-min=22.7km az=162.0
ISC 18 20:58:03.5; 1.6, 65.521N; 0.066; 165.40E; 0.07, h12km; 13km,
n38, s+1922;42.1, mb3.3/4, Komanor's Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Res, Time, Res, Time, Res, Time, Res. Includes stations like BKI Bering, KBT Krutoberegovo, and various international and local stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kamakawa 2, Abashiri-Toko, Hokuryu, Ashibetsu, Akshorobuto, Akkeshi, etc.

IDC 18 21:13:38.8:1.7, 29.49N, 50.73E, h0km, mb3.7/7, mbmp3.7/9, ML3.0/1, MS3.7/1, Error ellipse: s-maj=33.2km s-min=25.4km az=160.0

TEH 18 21:13:41.5, 29.56N, 50.91E, h13km, ML3.3/3, ISC 18 21:13:40.9:0.7, 29.51N, 0.06:50.86E:0.06, h10km, n58, o154/60, mb3.7/7, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kazerun, Dashi-Bushe, Behbahan, Shiraz, Kolanjeh, Qir, Brojen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Alikeb, Keskin Array, Aktyubinsk, Malin Array, Borovoye Array, Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Midelt, Torad Arr, IDC 18 21:15:57.2:3.6, 63.30S, 153.76E, etc.

WEL 18 21:17:33.0, 42.52S, 17.47E, h8km, 7km, M2.2/9, ML2.5/12, MLV2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=120.6, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Cape Campbell, Blackbirch Sta, Tuamarina, etc.

IDC 18 21:24:23.8:3.9, 5.84S, 153.99E, h0km, mb3.5/4, mbmp3.5/4, MS2.8/1, Error ellipse: s-maj=128.6km s-min=31.3km az=110.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Warrungama Arr, Songoing Array, etc.

IDC 18 21:59:01.5:13.0, 24.38N, 141.58E, h95km, 81km, mb3.4/9, mbmp3.9/12, ML3.8/3, MS2.7/1, Error ellipse: s-maj=17.2km s-min=35.7km az=171.0

JMA 18 21:59:02.1:10.2, 25.00N, 03.141E, h95km, MD4.5/10, MW4.8/10, IOTI ISLANDS REGION, NEIC 18 21:59:05.0:0.9, 24.8N, 0.1:142.4E:0.2, h130km, 10km, mb4.1/5, Error ellipse: s-maj=28.2km s-min=15.9km az=92.0

ISC 18 21:59:03.9:1.0, 24.76N, 0.09:141.9E:0.2, h100km, n37, o2503/33, mb3.8/12, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Haha-jima-NKT2, Chichi jima, Chichi jima, etc.

JAG Ashikawa 11.82 350 P Pn 22 01 47.1 -2.0 MJAR Matsushiro Arr 12.16 346 P Pn 22 01 54.4 +0.7

JMM Marunri 13.10 356 Pn 22 02 04.5 -1.5 KSR5 Korea Array 17.38 320 P Pn 22 03 03.0 +2.9

ASAJ Asahikawa 19.32 2 P Pn 22 09 18.4

H1N1 WAKE ISLAND HY 23.67 97 T T 22 29 37.5 H1N2 WAKE ISLAND HY 23.67 97 T T 22 29 37.5

H1N3 WAKE ISLAND HY 23.68 97 T T 22 29 38.4 H1S3 WAKE ISLAND HY 23.86 100 T T 22 29 33.9

H1S1 WAKE ISLAND HY 23.87 100 T T 22 29 34.5 H1S2 WAKE ISLAND HY 23.88 100 T T 22 29 35.3

KLR Kuldur 25.69 345 P P 22 04 24.6 +0.1 SONM Songoing Array 36.25 319 P P 22 05 56.8 -0.6

SHL Shillong 45.05 282 P Iamb Iamb 22 07 11.3 +1.2 FITZ Fitzroy Crossi 45.44 202 P P 22 07 11.9 -1.0

PBA Port Blair 48.22 264 P P 22 07 35.5 +0.7 JIRN Jiri 49.97 286 P P 22 07 48.2 +1.8

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

IDC 18 22:01:10.8:3.2, 5.14S, 153.43E, h0km, mb3.2/2, mbmp3.2/2, Error ellipse: s-maj=61.9km s-min=37.6km az=74.0, New Ireland region

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

IDC 18 22:01:25.4:2.7, 5.84S, 153.75E, h65km, 23km, mb3.8/16, mbmp4.2/18, Error ellipse: s-maj=22.2km s-min=13.6km az=91.0

ISC 18 22:01:23.5:0.7, 5.88S, 0.08:153.91E:0.10, h48km, n23, o158/23, mb4.0/15, New Ireland region

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

ASAR Alice Springs 26.34 224 P P 22 06 48.4 -0.2 TORO Torodi Arr. Bea 151.28 287 PKPbc PKPbc 22 21 06.5 -0.3

ASAR Alice Springs 26.14 225 P P 22 06 53.6 +0.2 ASAR 2.5nm, 0.9s, baz=59, slow=9.0, SNR=14

H1S5 WAKE ISLAND HY 27.31 27 T T 22 35 12.0 H1S2 WAKE ISLAND HY 27.31 27 T T 22 35 11.4

H1S1 WAKE ISLAND HY 27.32 27 T T 22 35 13.3 JNU Nakatsue 44.53 332 P P 22 09 30.7 +0.1

MJAR Matsushiro Arr 44.69 342 P P 22 09 31.4 -0.4 KSR5 Korea Array 49.46 333 P P 22 10 10.2 +1.2

KLR Kuldur 58.19 343 P P 22 11 13.2 +0.6 PETK Petroflovsk-58.85 3 P P 22 11 18.2 +1.1

CMAR Chiang Mai Arr 59.34 295 P P 22 11 21.1 0.0 SONM Songoing Array 67.82 328 P P 22 12 15.5 -1.3

VNDA Vanda 71.72 178 P P 22 12 40.8 +0.7 MKAR Makanchi Array 81.86 319 P P 22 13 36.3 -1.5

ZALV Zalesovo Beam 82.66 326 P P 22 13 39.8 -1.9 ILAR Eielson Array 82.75 22 P P 22 14 01.4 -0.6

KURB Kurchatov Arra 85.33 322 P P 22 13 53.1 -2.3 YKA Yellowknife Arr 95.86 28 P P 22 14 45.7 +1.1

TORD Torodi Arr. Bea 151.68 287 PKPbc PKPbc 22 21 11.3 -2.4 NEIC 18 22:07:51.6:1.8, 6.31S, 0.09:154.20E:0.08, h10km, 1km, mb5.0/28, Error ellipse: s-maj=16.8km s-min=10.9km az=37.0

ISC-EH 18 22:07:52.9:6.2, 6.28S, 154.22E, h28km, Error ellipse: s-maj=9.2km s-min=9.0km az=135.0

GCMT 18 22:07:55.6:0.2, 6.46S, 0.02:154.30E:0.02, h28km, MW5.1/84, Moment Tensor Solution. s64,c78; s84,c112; Duration: 0 Moment tensor: Scale 1.016Nm; Mr:4.61e-19; Mw:1.42e-15; Ms:3.19e-13; Me:0.36e-24; Mo:2.27e-10; Mo-2.66e-20; Best double couple: Ms:3.9200e+10 Nf1:1.55e0000; s60,00000; A:103.00000; Nf2: 6.31e0000; s33,0000; 1.69.00000; Principal axes: T 2.4480, P1:2.0000; Az:100.0000; S -5.3600, P1:4.0000; P1:11.0200; Azm:332.0000; P -5.3600, P1:4.0000; Azm:238.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 18 22:07:56.0:1.9, 6.21S, 154.32E, h64km, 16km, mb4.1/16, mbmp4.4/20, MS4.1/47 Error ellipse: s-maj=15.8km s-min=11.5km az=71.0

DJA 18 22:07:56.0:0.4, 6.3S, 1.15E, h60km, 3km, M4.8/25, mb5.1/6, mb4.7/25, MLV5.1/3, Mw(mB)4.5/6

ISC 18 22:07:55.9:0.4, 6.24S, 0.06:154.29E:0.05, h61km, n107, o284/81, mb4.6/35, Bougainville-Solomon Islands region

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

18D 22h

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like HNR Honiara, PMG Port Moresby, and various other regional stations.

2016 DEC

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like RAMN Ramite, JURN Jiri, and various other regional stations.

1392

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like CHMS 814nm,0.5s, CHMS Chumysh, and various other regional stations.

IDC 18 22:16:21.3:1.4,41:00N:73:94E,h0km,mb3.6/5, m1mp3.6/10,MLL:2.8/5,MS3.6/5, Error ellipse: s-maj=24.1km s-min=13.3km az=130.0
SOME 18 22:16:22.5:41:03N:74:12E,h10km,MS3.5
KRNET 18 22:16:23.0:0.1,41:08N:74:08E,h19km,mb4.6
KNET 18 22:16:24.0:0.6,41:18N:74:14E,h5km,mb4.8,m3.9, Error ellipse: s-maj=4.2km s-min=2.4km az=41.0
NINC 18 22:16:24.1:1.2,41:08N:74:04E,h0km,mb4.8,mpv4.6, Error ellipse: s-maj=9.7km s-min=5.0km az=170.0
MOS 18 22:16:24.3:1.4,40:93N:73:88E,h26km,mb4.0/6, Error ellipse: s-maj=8.6km s-min=5.0km az=69.8
ISC 18 22:16:23.4:1.3,41.08N:0.03:73:93E:0.02,h0km+8km, n145,r151/201,m3.8/8,MS3.9,30C-31D,Kyrgyzstan

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KKAR Karatay Array, KTBS Karatobe, KUU Kurly, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MKAR Makanchi Array, THW Thamme Wai, KURBB Kurchatov Array, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BBSBI Bau Bau, SANI Sanana, LUWI Luwuk, etc.

19d Oh

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

IDC 19 00:14:51.5:5.3, 16:10Sx176.03W, h0km, mb4.2/3, mbtmp4.2/3, Error ellipse: s-maj=264.1km

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

IDC 19 00:19:46.4:0.9, 40:67N:19:55E, h0km, mb3.8/12, mbtmp3.7/17, ML3.4/5, MS2.9/2, Error ellipse: s-maj=14.9km

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

IDC 19 00:19:48.4:0.7, 40:69N:19:57E, h12km, 1km, ML3.4/13, Error ellipse: s-maj=0.6km

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

IDC 19 00:19:49.3:0.7, 40:69N:19:57E, h0km, 1km, ML3.4/13, Error ellipse: s-maj=2.0km

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

IDC 19 00:19:49.4:0.7, 40:69N:19:57E, h12km, 4km, n206, e186/253, mb3.9/11, 27C-23D, Albania

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fier, Viora, Sarande, etc.

2015 DEC

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

IDC 19 00:25:12.0:1.5, 33:53N:10:142E:0:2, h34km, n13, e192B/17, mb3.8/4, Off east coast of Honshu

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

IDC 19 00:25:12.0:1.5, 33:53N:10:142E:0:2, h34km, n13, e192B/17, mb3.8/4, Off east coast of Honshu

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

IDC 19 00:25:12.0:1.5, 33:53N:10:142E:0:2, h34km, n13, e192B/17, mb3.8/4, Off east coast of Honshu

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

IDC 19 00:25:12.0:1.5, 33:53N:10:142E:0:2, h34km, n13, e192B/17, mb3.8/4, Off east coast of Honshu

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

IDC 19 00:25:12.0:1.5, 33:53N:10:142E:0:2, h34km, n13, e192B/17, mb3.8/4, Off east coast of Honshu

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TTTG, TTTG, SKO, etc.

1396

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

IDC 19 00:27:47.5:0.1, 39:09N:74:27E, mb3.6, SOME 19 00:27:53.9, 39:62N:73:65E, h5km

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

IDC 19 00:27:56.5:3.2, 39:59N:73:92E, h0km, mb3.9, mpv3.6, KRNET 19 00:27:47.5:0.1, 39:09N:74:27E, mb3.6

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

IDC 19 00:27:56.5:3.2, 39:59N:73:92E, h0km, mb3.9, mpv3.6, KRNET 19 00:27:47.5:0.1, 39:09N:74:27E, mb3.6

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

IDC 19 00:27:56.5:3.2, 39:59N:73:92E, h0km, mb3.9, mpv3.6, KRNET 19 00:27:47.5:0.1, 39:09N:74:27E, mb3.6

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

IDC 19 00:27:56.5:3.2, 39:59N:73:92E, h0km, mb3.9, mpv3.6, KRNET 19 00:27:47.5:0.1, 39:09N:74:27E, mb3.6

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOA, Molln, PGF, etc.

Error ellipse: s-maj=23.4km s-min=13.6km az=173.0
ISC 19 00:27:52.2+1.8, 39.49N, 0109.7395E, 0.04, h10km, n29,
o1979/47, 9C-8D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARLS Aral, BTK Batken, NRN Naryn, ARK Arkit, etc.

ISC 19 00:35:17.3+7.5, 10.233x160.74E, h0km, mb3.8/4,
mbtmp3.8/4, Error ellipse: s-maj=218.3km
s-min=38.1km az=118.0, 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 HNR Honiara, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISC 19 00:54:45.1+2.8, 6.55S:154.58E, h0km, mb4.4/2,
mbtmp4.5/3, ML4.0/1, Error ellipse: s-maj=56.2km
s-min=34.6km az=77.0, 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 KRVT Keravat, WRA Warramunga Arr, ASAR Alice Springs, etc.

TORD Torodi Arr. Bea 152.51 286 PKPbc PKPbc 01 14 44.3 -0.3
0.4nm, 0.4s, baz=68, slow=2.1, SNR=6.5

ISC 19 00:56:52.2+4.1, 4.66S:153.89E, h102km, 28km, mb3.6/7,
mbtmp4.1/8, Error ellipse: s-maj=47.0km s-min=18.8km
az=104.0
NEIC 19 00:56:53.0+7.4, 3.3S:01x153.77E, 0.09, h117km, 12km,
mb4.3/17, Error ellipse: s-maj=24.0km s-min=4.9km
az=149.0

ISC 19 00:56:52.4+0.8, 4.53S:0109:153.78E:0.10, h100km, n31,
o1928/34, mb4.1/16, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

PDG 19 01:14:34.8+0.2, 43.44N:19.24E, h17km, MD2.6/1,
ML2.5/11, Error ellipse: s-maj=0.7km s-min=0.6km
az=90.0

RHSSO 19 01:14:34.5+0.3, 43.52N:19.24E, h3km, 2km, ML2.6/12
BEO 19 01:14:35.0+0.3, 43.52N:19.27E, h0km, 3km, ML3.3/16
ISC 19 01:14:34.4+1.0, 43.52N:01x19.23E:0.02, h3km, 9km,
n71, o1906/132, 15C-5D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RUDO Rudo, BRLS Lazij#263i, etc.

ISC 19 01:23:52.3+1.7, 6.20S:154.20E, h0km, mb3.5/4,
mbtmp3.5/5, ML3.8/1, Error ellipse: s-maj=51.0km
s-min=28.3km az=119.0

ISC 19 01:23:59.8+1.4, 6.15S:02.153.9E:0.2, h48km, n6, o1929/7,
mb3.4/4, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STON, DRME Dracevica, SELS Selova, etc.

ISC 19 01:16:19.4+3.2, 8.29N:137.86E, h0km, mb3.8/5,
mbtmp3.7/5, MS3.3/9, Error ellipse: s-maj=166.4km
s-min=24.7km az=79.0, Western Caroline Islands
region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DAV Davao City, PMG Port Moresby, etc.

ISC 19 01:23:52.3+1.7, 6.20S:154.20E, h0km, mb3.5/4,
mbtmp3.5/5, ML3.8/1, Error ellipse: s-maj=51.0km
s-min=28.3km az=119.0

ISC 19 01:23:59.8+1.4, 6.15S:02.153.9E:0.2, h48km, n6, o1929/7,
mb3.4/4, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, WRA Warramunga Arr, ASAR Alice Springs, etc.

19d 2h

Table with columns: Code, Station Name, Az, Az', Phase, I, S, C, Time, Res, ISC. Includes stations like Sheep Creek Mo, Murphy Dome, Eielson Array, etc.

NEIC 19 02:38:24.7, 2.6, 45.195, 0.07, 167.31E, 0.08, h78km, 7km, mb4.5/20, Error ellipse: s-maj=11.1km s-min=7.2km az=147.0

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase, I, S, C, Time, Res, ISC. Includes stations like Deep Cove, Mavora Lakes, Wether Hill Ro, etc.

NEIC 19 02:38:25.0, 7.0, 45.45, 1.7E, h56km, 6km, M4.8/28, ML5.0/13, ML4.8/28, Error ellipse: s-maj=0.0km s-min=0.0km az=117.7, confirmed

1400

Table with columns: Code, Station Name, Az, Az', Phase, I, S, C, Time, Res, ISC. Includes stations like Mulgathing, Charters Towers, Cape Leuewin H, etc.

NEIC 19 02:38:54.6, 2.0, 28.94S, 61.29E, h0km, mb3.7/3, mbmp3.7/8, ML4.1/1, MS3.4/8, Error ellipse: s-maj=121.7km s-min=30.4km az=28.0, Southwest Inland Ridge

19d 2h

2016 DEC

1402

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR=10.0).

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR=10.0).

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR=10.0).

19d 4h

Table with columns: TYC, Yuchr, 1.44 269 i P, Pn, 03 36 16.8 +0.9, etc. Lists various stations and their coordinates.

NEIC 19 03:49:43.9.2.2.6.42S:0.09.154.1E:0.1, h10km, 1km, mb4.3/7, Error ellipse: s-maj=21.6km s-min=15.1km

2016 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for December 2016.

NEIC 19 03:55:43.1.1.7.5.19S:154.21E, h0km, mb3.7/4, mbtmp3.9/6, ML3.2/2, Error ellipse: s-maj=37.8km

1404

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for event 1404.

DDA 19 04:10:17.6:0.0, 36.96N:26.82E, h7km, 2km, ML2.2, ISK 19 04:10:17.6, 37.04N:26.87E, h6km, ML2.6/13

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for event 1404.

NEIC 19 04:10:17.6:0.0, 36.96N:26.82E, h7km, 2km, ML2.2, ISK 19 04:10:17.6, 37.04N:26.87E, h6km, ML2.6/13

Table with columns: ARG, ARK, THRB, URLA, URLA, URLA, BLCB, DALY, CHOS, TAVA, TAVA, TAVA, FETY, CAME, APMY. Includes station names, coordinates, and status.

IDC 19 04:12:09.3,0.9,65.10N,18.81E, h0km, mbmp2.7/4, ML2.0/4, Error ellipse: s-maj=11.0km s-min=8.0km az=109.0

DNK 19 04:12:09.4,0.6,65.06N,18.57E, h0km, ML2.7(U)PP, Suspected explosion

HEL 19 04:12:09.5,0.1,65.08N,18.54E, h0km, ML2.2, ML2.7(U)PP, Explosion

BER 19 04:12:11.1,1.2,65.01N,18.68E, h0km, ML2.0, ML2.7(U)PP, Suspected explosion

ISC 19 04:12:08.7,0.8,65.06N,0.02,18.59E,0.02, h0km, n50, #088/90,3C-9D, Sweden

Main table for station 1405, listing station names, coordinates, and status.

comp=Z,0.3nm,0.3s
IDC 19 04:31:52.9,1.4,30.85N,77.95E, h0km, mb3.8/5, mbmp3.7/7, ML3.5/2, MS3.5/1, Error ellipse: s-maj=41.0km s-min=27.6km az=71.0

Table for station 1406, listing station names, coordinates, and status.

NEIC 19 04:43:34.5,1.8,5.62S,0.08,153.5E,0.1, h37km,7km, mb4.4/16, Error ellipse: s-maj=16.0km s-min=11.0km

IDC 19 04:43:37.1,2.9,5.66S,153.30E, h59km,23km, mb4.0/10, mbmp4.3/11, ML3.7/1, MS3.8/2, Error ellipse: s-maj=31.7km s-min=16.5km az=83.0

ISC 19 04:43:34.4,0.7,5.62S,0.07,153.6E,0.1, h43km,n58, #134/40,mb4.3/16,MS3.7/20,New Ireland region

Main table for station 1406, listing station names, coordinates, and status.

RPZ Rata Peaks 40.94 161 LR LR 05 07 45.8
JNU Nakatsu 44.14 332 P P 04 51 38.5 -0.5

Table for station 1407, listing station names, coordinates, and status.

IDC 19 04:47:49.8,0.8,8.31N,137.73E, h0km, mb4.0/9, mbmp4.0/9, MS3.8/2, Error ellipse: s-maj=42.2km s-min=19.7km az=84.0

ISC 19 04:47:51.4,0.9,8.3N,0.1,137.7E,0.3, h10km,n24, #130/10,mb4.1/9,Western Caroline Islands

Main table for station 1407, listing station names, coordinates, and status.

19D 5h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IBRJ Brojen, IKOM Komasi, IKOM ASHANT, etc.

IDC 19 04:55:53.1±9.6, 32.79Sx179.82W, h180km, 94km, mb3.6/2, mbtmp4.2/3, Error ellipse: s-maj=93.2km s-min=36.3km az=6.0

WEL 19 04:55:55.5±1.3, 33°S 10°17'9"W±1.8, h33km, M4.9/20, mb5.5/15, ML4.9/20, Mw4.9/20, Mw(mb)4.9/15, Error ellipse: s-maj=0.9km s-min=0.0km az=104.4, confirmed

ISC 19 04:55:51.0±1.0, 32.73Sx108.175W±0.1, h150km, n81, az=208/83, South of Kermadec Islands

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GLKZ Green Lake, MXZ Matakaoa Point, WNGZ Waionatitani S, etc.

2016 DEC

comp=2.0, 6nm, 0.5s, baz=15, slow=4.1, SNR=4.7

IDC 19 04:56:18.8±37.0, 5.16N x123.38E, h0km, mb3.9/3, mbtmp3.9/3, MS3.7/4, Error ellipse: s-maj=627.6km s-min=312.1km az=151.0, Mindanao

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, etc.

IDC 19 04:57:31.4±0.9, 13°54'N:120°84'E, h0km, mb4.2/9, mbtmp4.2/9, MS3.5/3, Error ellipse: s-maj=52.8km s-min=16.7km az=64.0

MAN 19 04:57:37.1, 13°32'N:120°35'E, h55km, mb4.8, ML3.7, MS3.7

MAN INTENSITY II - TAGAYATY CITY, NEIC 19 04:57:41.3±1.0, 13°43'N:120°7E±0.2, h75km, gkm, mb4.5/17, Error ellipse: s-maj=31.2km s-min=10.2km az=82.0

ISC 19 04:57:38.1±0.9, 13°32'N:120°38'E±0.05, h49km, gkm, n59, ±122/60, mb4.5/17, MS3.6/3, 11C-10D, Mindoro

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LUBP Lubang, WRA Warramunga Arr, ASAR Alice Springs, etc.

1406

PMG Port Moresby 8.15 234 Pn Pn 05 02 26.3 +1.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WBO Warramunga Arr, WRO Warramunga Arr, WRAB Tennant Creek, etc.

ASAR Alice Springs 26.98 224 P P 05 06 00.8 -1.0

ASAR Alice Springs 26.98 224 P P 05 06 01.8 +0.1

STKA Stephens Creek 29.44 202 P P 05 06 22.7 -0.8

STKA Stephens Creek 29.44 202 P P 05 06 24.1 +0.6

FITZ Fitzroy Cross 30.65 242 P P 05 06 33.3 -1.0

IMAR Indian Mountain 79.88 19 P P 05 12 26.9 +0.3

MK31 Makanchi Array 80.88 319 P P 05 12 31.1 -1.3

MKAR Makanchi Array 80.88 319 P P 05 12 32.4 0.0

ZALV Zalesovo Beam 81.59 326 P P 05 12 35.5 -0.4

ILAR Eielson Array 81.62 22 P P 05 12 35.7 -0.2

QSPA South Pole Quip 85.33 180 P P 05 12 55.1 0.0

TORD Torodi Arr Base 151.24 289 PKPbc PKPbc 05 20 10.7 -1.4

TUL 19 05:00:40.8±0.5, 36°35'N:0°10'10"E±0.01, h7km, 2km, ML2.5, mb_Lg2.3/8(NEIC), Error ellipse: s-maj=1.6km s-min=1.3km az=73.0

NEIC 19 05:00:41.4±0.5, 36°35'N:0°10'10"E±0.009, h5km, 1km, Error ellipse: s-maj=2.2km s-min=1.7km az=295.0, Oklahoma

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OK050 Pawnee Station, OK048 Pawnee Station, OK044 Pawnee Station, etc.

IDC 19 05:19:29.4±1.9, 29°81'S:72°02'W, h0km, mb4.1/3, mbtmp3.9/8, ML3.7/5, MS2.9/2, Error ellipse: s-maj=40.1km s-min=28.8km az=77.0

19d 6h

Table with columns: BRTR, Keskin Array B, 151.26 303, PKPbc, PKPbc, 06 15 50.7 -1.9, etc.

IDC 19 06:06:09.1+1.7, 0.12N-125.82E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=170.9km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc.

NEIC 19 06:08:25.3-1.5, 17.68S-0108.172W, h0km, 2km, mb4.5/17, Error ellipse: s-maj=15.1km s-min=11.8km

IDC 19 06:08:26.4+0.9, 17.93S-173.12W, h0km, mb4.3/11, mbtmp4.3/11, MS3.9/11, Error ellipse: s-maj=36.6km

ISC 19 06:08:26.0-0.5, 17.77S-0107.172W, h0km, n64, e2305/10, mb4.5/18, MS4.0/14, Tonga Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc.

NOU 19 06:12:23.2+1.1, 90S-174.56E, h14km, MLv3.9/9, Cook Strait, New Zealand

WEL 19 06:12:24.3+0.4, 42.5S-17.4E, h11km, 3km, M3.3/29, ML3.5/17, MLv3.3/29, Error ellipse: s-maj=0.0km

ISC 19 06:12:23.7+1.0, 41.81S-0103.17438E, h013, h15km, 9km, n76, e1916/79, Cook Strait

Main table for 19d 6h section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc.

20 DEC

Table with columns: GERES, GRESS Array B, 148.56 352, PKPbc, PKPab, 06 28 16.5 -0.2, etc.

IDC 19 06:11:15.9-4.3, 16.78S-178.21W, h0km, mb3.9/4, mbtmp3.9/4, Error ellipse: s-maj=186.5km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc.

NOU 19 06:12:23.2+1.1, 90S-174.56E, h14km, MLv3.9/9, Cook Strait, New Zealand

WEL 19 06:12:24.3+0.4, 42.5S-17.4E, h11km, 3km, M3.3/29, ML3.5/17, MLv3.3/29, Error ellipse: s-maj=0.0km

ISC 19 06:12:23.7+1.0, 41.81S-0103.17438E, h013, h15km, 9km, n76, e1916/79, Cook Strait

Main table for 20 DEC section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc.

IDC 19 06:20:59.9-8.9, 5.40S-154.09E, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=147.3km

ISC 19 06:20:59.9-8.9, 5.40S-154.09E, h0km, mb3.7/3, s-min=97.4km s-az=22.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc.

1408

Main table for 1408 section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FUSS Fushou, WHF Hehuan Shan, CHGB Renal, etc.

IDC 19 06:44:35.1, 2.2, 4.68N, 94.00E, h0km, mb3.8/6, mbmp3.8/6, MS2.8/1, Error ellipse: s-maj=96.7km s-min=20.7km az=57.0

NEIC 19 06:44:41.4, 1.0, 4.9N, 0.1, 94.2E, 0.1, h35km, 2km, mb4.2/7, Error ellipse: s-maj=20.7km s-min=18.7km az=256.0

ISC 19 06:44:40.7, 1.0, 4.9N, 0.1, 94.2E, 0.1, h34km, m25, c#080/21, mb4.0/9, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LHMI Lhok Sumawe, GSI Gunungsitoli, RPSI Rantau Prapat, etc.

IDC 19 06:48:35.9, 4.9, 2.6, 62N, 141.32E, h0km, mb3.8/3, mbmp3.8/3, MS3.3/1, Error ellipse: s-maj=344.7km s-min=30.7km az=84.0

NEIC 19 06:48:36.9, 1.1, 2.6, 7N, 0.2, 141.5E, 0.1, h10km, 2km, mb4.5/6, Error ellipse: s-maj=35.9km s-min=7.5km az=323.0

ISC 19 06:48:36.5, 1.0, 2.67N, 0.2, 141.6E, 0.2, h10km, n12, c#077/12, mb4.5/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CJJ Chichijima, KLR Kut diur, TOLR Tolitoli, etc.

IDC 19 06:52:38.5, 5.9, 10.60S, 160.94E, h94km, 37km, mb3.4/3, mbmp3.7/3, MS3.4/1, Error ellipse: s-maj=67.9km s-min=37.9km az=102.0

ISC 19 06:52:37.4, 1.6, 10.4S, 0.2, 161.2E, 0.2, h100km, n9, c#186/9, mb3.5/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, LFIFC LIFUO, MARNC Mare, Loyalty, etc.

IDC 19 07:03:59.3, 2.0, 9.05S, 115.28E, h0km, mb3.5/4,

mbmp3.7/5, ML4.1/1, Error ellipse: s-maj=55.5km s-min=26.5km az=57.0

DJA 19 07:04:15.7, 0.4, 9.7, S, 7x11.6E, h85km, 5km, MA.3/14, mb4.6/2, mb5.0/1, MLV4.1/14, Mw(mB)4.3/1

ISC 19 07:04:13.9, 0.9, 8.71S, 0.1, 116.12E, 0.04, h100km, n19, c#143/24, mb3.5/3, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWSI Taliwang, DNP Denpasar, IGBI IGBI, etc.

BKSI Bulukamba 5.21 50 P Pn 07 05 31.4 +1.9 WRA Warramunga Arr 20.86 124 P P 07 08 48.5 +0.4

ASAR Alice Springs 22.60 133 P P 07 09 06.0 -0.5

STKA Stephens Creek 33.03 138 P P 07 10 39.1 -0.8

MKAR Makanchi Array 62.94 335 P P 07 14 27.4 -2.4

IGQ 19 07:11:38.0, 2.1, N, 2x8.0W, h6km

NEIC 19 07:11:39.6, 1.9, 0.88N, 0.05, 79.71W, 0.06, h10km, 1km, mb5.4/663, Ms 2.0, 4.9/137, Mwrs 4.8/18, Error ellipse: s-maj=9.6km s-min=8.5km az=240.0

Moment Tensor Solution. Moment tensor: Scale 10^17Nm, Mrr:3.6, Mtt:0.51, Mss:0.84, Mss:0.45, Mss:0.51, Mss:0.14, Fault plane solution: M1: 1.80000, -0.17, NP1: 226.60000, 4.554, 11000.0, 1.101, 30000.0, NP2: 26.98000, 8.37, 53000.0, 1.74, 22000.0, Principal axes: T 1.4597, Plg77.0000, Azm177.0000, N -0.1858, Plg10.0000, Azm40.0000, P -1.2739, Plg8.0000, Azm308.0000, VAO 19 07:11:39.4, 0.2, 0.80N, 79.76W, h10km, mb5.4

ISC-EH 19 07:11:40.0, 0.2, 0.80N, 79.76W, h18km, 1km, Error ellipse: s-maj=2.1km s-min=1.1km az=58.0

BUI 19 07:11:40.5, 0.0, 0.90N, 79.70W, h10km, mb5.6/14, Ms5.5/28, Ms7.5/230

GCMT 19 07:11:41.6, 0.1, 0.93N, 0.01, 79.80W, 0.01, h12km, Mw5.5/153, Moment Tensor Solution. s123,c207; s153,c289; Duration: 183. Moment tensor: Scale 10^17 Nm; Mrr:1.40e-01; Mss:0.77e-01; Mss:0.63e-02; Mss:1.33e-04; Mss:0.60e-01; Mss:0.31e-04; Best double couple: Mo:1.91200e+017, NP1: 247.00000, 868.00000, 1.103.00000, NP2: 36.30000, 825.00000, 1.61.00000, Principal axes: T 2.0310, Plg65.0000, Azm179.0000, N -0.2420, Plg12.0000, Azm62.0000, P -1.7930, Plg22.0000, Azm327.0000; nsta1 refers to body waves, cutoff=400s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 19 07:11:42.3, 1.2, 1.03N, 79.76W, h39km, mb5.6/56, MS4.8/20, Error ellipse: s-maj=8.8km s-min=5.3km az=105.8

IDC 19 07:11:45.8, 1.5, 0.92N, 79.66W, h63km, 13km, mb4.8/27, mbmp5.0/31, MS4.8/51, Error ellipse: s-maj=14.4km s-min=8.7km az=67.0

ISC 19 07:11:38.0, 0.6, 0.84N, 0.02, 79.80W, 0.02, h6km, 3km, n1614, c#128/1474, mb5.4/429, MS4.9/151, 27C-29D, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATON Ecuador-Tonsup, ATON ATON, AAAT Ecuador-Atacam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAMO Ancelo Maria, NAS2 Nasa, BNAS Cotopaxi Volca, etc.

19d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BOAV Boa Vista, MACA Manacapuru-AM, and various IPEC stations.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like AF01 San Pedro de A, UNM Universidad Na, and various IPEC stations.

1410

Table with columns for station name, frequency, power, and other technical details. Includes stations like ROCI El Roble, OXF Oxford, and various IPEC stations.

19d 7h

Table with columns: Station ID, Name, Elevation, Frequency, Power, and other technical details. Includes stations like YUK8 Steele Glacier, EVO Evora, PBEJ Beja, etc.

2016 DEC

Table with columns: Station ID, Name, Elevation, Frequency, Power, and other technical details. Includes stations like RIDG Independent Ri, RIDG Independent Ri, G27K Doyon Strip, etc.

1414

Table with columns: Station ID, Name, Elevation, Frequency, Power, and other technical details. Includes stations like KTH Bear Paw Mtn, P19K Oil Pt, RAR Rarokonga, etc.

19d 7h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and various status codes. Includes stations like Gaotai, Alice Springs, Warramunga Arr, etc.

2016 DEC

Table with columns: Station Name, Azimuth, Elevation, Frequency, and various status codes. Includes stations like Chiang Mai Arr, Jajag, Banyuwa, etc.

IDC 19 07:12:28.4, 4.3, 5.56S, 153.83E, h0km, mb3.4/2, mbtmpt3.4/2, MS3.1/2, Error ellipse: s-maj=216.1km s-min=54.3km az=124.0, New island region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and various status codes. Includes stations like Keravat, Honiara, Warramunga Arr, etc.

JMA 19 07:19:53.9, 0.1, 35.2N, 102.2, 132.7E, 0.2, h13km, MV0.4/11, SHIMANE HIROSHIMA BORDER, Western Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and various status codes. Includes stations like ShimaneMisato, Saijiyo, Tanbara, etc.

JMA 19 07:20:24.9, 0.1, 34.0N, 0.2, 133.2E, 0.2, h11km, 1km, MV0.3/13, HIUCHINADA SETONAIDAI, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and various status codes. Includes stations like Hitachi, Hitachi, Hitachi, etc.

JMA 19 07:21:35.6, 0.1, 36.4N, 0.2, 140.7E, 0.5, h52km, MD3.8/37, MV4.0/37, NORTHERN IBARAKI PREF, JMA Feit Ji at NORTHERN IBARAKI PREF

NIED 19 07:21:35.6, 36.43N, 140.68E, h52km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 1015Nm; Mm:0.81; Mss:0.00; Mss:0.80; Mss:0.33; Mss:0.06; Mss:0.70; Fault plane solution: Mw:1.20000x10^15 NPT:1.8, 10.00000, 867.00000, 1.01.00000. NP2:172.00000, 825.00000, 1.66.00000.

IDC 19 07:21:37.7, 3.5, 36.67N, 140.58E, h60km, 23km, mb3.8/12, mbtmpt4.0/14, ML3.6/2, MS4.3/3 Error ellipse: s-maj=51.9km s-min=20.2km az=163.0

NEIC 19 07:21:37.4, 1.6, 36.56N, 140.06E, 140.7E, 0.1, h58km, gkm, mb4.4/10, Error ellipse: s-maj=16.3km s-min=1.8km az=123.0

ISC 19 07:21:35.7, 0.7, 36.49N, 0.04, 140.64E, 0.05, h49km, gkm, n86, c162/69, mb4.1/18, MS4.3/3, 7D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and various status codes. Includes stations like Hitachi, Hitachi, Hitachi, etc.

1416

Table with columns: Station Name, Azimuth, Elevation, Frequency, and various status codes. Includes stations like WAKE ISLAND Hy, WAKE ISLAND Hy, Zalesovo Beam, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like TAMH, POND, RETU, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like H01W2, H01W1, H01W3, etc.

Summary text for the first table: IDC 19 07:30:51.5:11.0, 48.09S:108:30E, h0km, mb4.1/2, mbtmp 4.1/2, Error ellipse: s-maj=625.3km...

Summary text for the second table: IDC 19 07:33:01.6:1.4, 19.6N:01:144:5E:0.3, h10km, n16, a:181/16, mb4.3/6, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like JCJ, JMZ, INU, MAJO, etc.

Summary text for the third table: ROM 19 07:39:28.1:0.0, 42:3654N:0:004:13:321E:0:004, h11km, ML2.2/5, 8C-4D, Error ellipse: s-maj=0.2km

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like MC2, T1256, T1255, etc.

Main table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like FEMa, FEMa, FEMa, etc.

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

Summary text for the fourth table: ROM 19 07:39:42.1:0.0, 42:3654N:0:004:13:321E:0:004, h11km, ML2.2/5, 8C-4D, Error ellipse: s-maj=0.4km

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like SMA1, SMA1, SMA1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHD2 Mitsune, JMK Ichinoseki, JMK Ryogami san, etc.

NEIC 19 08:14:17.2-2.8, 5.42S:0.08-153.64E:0.05, h37km, 6km, mb4.3/15, Error ellipse: s-maj=12.6km s-min=4.9km az=155.0

ISC 19 08:14:18.4-3.0, 5.15S:153.77E, h50km, 24km, mb3.8/9, mbmp4.1/10, ML2.4/1, MS3.9/1, Error ellipse: s-maj=30.3km s-min=15.3km az=62.0

ISC 19 08:14:17.0-0.7, 5.37S:0.07-153.8E:0.1, h43km, n35, s1562/34, mb4.2/15, New Ireland region

Main table for station 1419, listing codes, station names, and coordinates. Includes stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

ISC 19 08:17:59.4-1.0, 0.82N:79.80W, h0km, mb3.6/6, mbmp3.6/7, ML3.0/1, Error ellipse: s-maj=72.4km s-min=18.1km az=62.0

ISC 19 08:18:00.9-1.0, 0.79N:0.08-79.65W:0.09, h10km, n21, s211/17, mb3.7/5, Near coast of Ecuador

Main table for station 1419, listing codes, station names, and coordinates. Includes stations like CMBC Cumbal, GRCF Volcan Galeras, etc.

IGQ 19 08:20:02.0-0.6, 1.14N:8.0'W, h4km, IDG 19 08:20:07.3-2.1, 0.25N:80.93W, h0km, mb3.6/3, mbmp3.7/3, MS3.6/3, Error ellipse: s-maj=157.2km s-min=28.2km az=59.0

ISC 19 08:20:04.7-0.9, 0.92N:0.04-79.81W:0.04, h11km, 6km, n91, s1568/88, Near coast of Ecuador

Main table for station 1419, listing codes, station names, and coordinates. Includes stations like AAMA1 Acelerografo, PTGL Punta Galera, etc.

PAMC comp=Z,706nm,0.5s i Pn 08 30 33.2

Main table for station 1419, listing codes, station names, and coordinates. Includes stations like BRRC Barranca, Sants, RUSC La Rusia, etc.

NEIC 19 08:29:49.8-1.2, 36.54N:0.02-98.96W:0.04, h9km, 7km, Error ellipse: s-maj=5.3km s-min=3.2km az=106.0

TUL 19 08:29:49.3-1.0, 36.54N:0.02-98.97W:0.04, h6km, 7km, ML3.1, mb, Lq2.9/66(NEIC), Error ellipse: s-maj=4.8km s-min=3.0km az=99.0

ANF 19 08:29:49.9-0.6, 36.50N:98.89W, h4km, 5km, ML3.6/10, Error ellipse: s-maj=4.0km s-min=2.8km az=38.0

ISC 19 08:29:49.8-1.0, 36.53N:0.02-98.96W:0.03, h9km, 7km, n92, s158/82, Oklahoma

Main table for station 1419, listing codes, station names, and coordinates. Includes stations like NOKA Waynoka, US2A Winter Ranch, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG, JHU, JNU, MJAR, BATS, KRSR, CTA, WRA, USRK, ASAR, STKA, PETK, SONM, MA2, MKAR, ZALV, ILAR, YKA, ARCES, OBN, NVAR.

IGQ 19 09:59:47.06, 1.14 x 8.0W, h5km
IDC 19 09:59:50.1-0.9, 0.72N-79.82W, h0km, mb3.8/k
mbmp3.8/8, MS3.1/2, Error ellipse: s-maj=5.0/km, s-min=17.4km az=61.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMA1, PTLG, AV21, PULU, MAGI, SNLR, APR2, JAMA, FLF1, CABP, ALIT, APR1, CUSE, PULU, CUIC, COTA, CUSW, PINO, YANA, GPCP, URCU, IMBA, CHMA, LNLG, ECEN, CHLI, ILLI, CHL2, TOMA, ANGU, CAYA, CAYR, CMBC, CAMI, NNS2, ENAS, SRAM, TULM, BREF, VC1, SLOR, BMOR, BTAM, ANTI, ANTM, TAMB, VCES, BONI, PIAT, GCUF, CHSH, CASC, TAMH, POND, RETU, ARRY, GR1C, ARDO, CRUC, MILO, FLOC, GARC, YOTC, PLMC, PLMC, ORTC, ANIL, ANIL, MACC, MACC, GUY2C, GUY2C, CB0C.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CB0C, CACAO, ROSC, CHIC, ATAH, ZARC, LPAZ, SIV, PLCA, PDAR, NVAR, YKA, ESDC, ILAR.

IDC 19 10:24:19.7-1.0, 6.79N-72.92W, h158km, mb3.7/16, mbmp4.3/21, Error ellipse: s-maj=11.7km s-min=9.0km az=98.0
ISC-EH 19 10:24:19.3, 6.80N-73.05W, h156km, 2km, Error ellipse: s-maj=4.1km s-min=2.7km az=60.0
NEIC 19 10:24:20.1-1.7, 6.81N-0.07E-72.99W, 0.08, h159km, 9km, mb4.0/21, Error ellipse: s-maj=11.8km s-min=9.8km az=101.0
RSNC 19 10:24:20.4-0.9, 6.82N-73.13W, h150km, 3km, ML4.4, Mw4.5, Fault plane solution: NP1: 180.0000, 841.0000, 158.0000
VAO 19 10:24:20.3-0.3, 6.67N-73.01W, h152km, mb4.5
ISC 19 10:24:18.8-0.5, 6.86N-0.03E-73.07W, 0.03, h152km, 5km, n178, e1970/227, mb4.5/30, 13C-15D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC, PAMC, BRRC, RUSC, TAMC, PTBC, ZARC, NORC, CHIC, ROSC, UREC, LLIC, VILC, GUY2C, PTGC, CB0C, DBBC, SDV, SDV, ARGC, ANIL, ARMEC, APAC, ORTC, SJCC, PLMC, LCB0, LCB0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRJC, GUVG, YOTC, SOLC, SMRC, PIZC, MACC, BETC, URIC, MALC, GARC, BAUV, FLOC, GRIC, CRUC, GCUF, BCIP, TULM, PRCV, SGCB, BRUZ, PORT, PRVC, SRBA, PEZE, RIMA, COHC, HDC, TBGT, TBTC, TBGT, PCJ, HOJ, STH, JACO, MCJ, MTDJ, SDDR, JTS, MBJ, ARNL, ORTE, BOAV, BOAV, CZSB, ATAH, TGUH, MACA, MACA, ESQI, ETMB, ETMB, NNA, ITTB, MALB, MCPB, NPGB, VILB, VILB, LPAZ, LPAZ, PDRB, SIV, PTBL, PRPB, GO01, PB11, PB11, BBSO, BBRB, SALV, SNDB, SMBT, PP1B, PANT, ROSB, ARAG, V48A, AQDB, MURT, BDFB, BDFB, BDFB, FCAR, FCAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDBA SAO DESIDERIO, AMBA Ambamai (Brazi), ITRB Iturama, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11S1 WAKE ISLAND Hy 22.91, H11S2 WAKE ISLAND Hy 22.91, H11N1 WAKE ISLAND Hy 23.67, etc.

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

LDG 19 10:40:54.6:0.2,42.74N:13:05E, h10km, ML3.2/5, Error ellipse: s-maj=7.0km s-min=4.2km az=51.0

PRU 19 10:40:55.7:0.0,42.84N:13:72E, h10km, BEO 19 10:40:56.6:0.8,42.87N:13:18E, h10km, ML3.3/7

ROM 19 10:40:54.2:0.0,42.781N:0:002:13.148E:0:004, h10km, ML3.3/61, 28C-27D, Error ellipse: s-maj=0.2km s-min=0.1km az=261.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NRCA Norcia, Castelsantange, Civita (PG), MC2 Monte Croce, etc.

DJA 19 10:38:36.8:0.3,0'S:2:12'0E, h11km, M4.0/11, mb4.4/1, MLv3.7/11, Minahassa Peninsula, Sulawesi

ISK 19 10:40:47.0, 38.39N:43.82E, h9km, ML3.0/11 DDA 19 10:40:47.5:0.0, 38.56N:43.85E, h11km, 2km, ML2.7

ISC 19 10:40:46.8:1.2, 38.47N:0:003:43.87E:0:03, h4km, 11km, n26, i1234/0, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MPSI Mapaga, MPSI Ampana, AFSI Marisa, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like T1215, T1215, T1215, T1215, etc.

CAMP	comp=E,13350µm,0.2s	0.31 142	P	Pg	10 41 00.9 +0.4	VCEL	comp=N,4050µm,1.0s	AML	AML	SF04	comp=N,764µm,0.9s	1.10 273	↑P	Pn	10 41 16.1 +0.5	
CAMP	Campotosto		S	Sb	10 41 06.0 -1.1	VCEL	comp=E,4505µm,0.2s	AML	AML	SF04	Casetta		AML	AML		
CAMP	comp=N,7425µm,0.6s		AML	AML		MURB	comp=N,4050µm,1.0s	AML	AML	SF04	comp=E,1110µm,1.1s		AML	AML		
GUMA	comp=E,6405µm,0.2s	0.31 26	P	Pb	10 41 01.3 -0.6	MURB	comp=E,9120µm,0.4s	AML	AML	TOLF	comp=N,752µm,1.5s	1.11 230	↓P	Pb	10 41 15.2 -0.3	
GUMA	Gualdo di Mace		S	Sb	10 41 06.3 -0.8	MURB	comp=N,8255µm,0.4s	AML	AML	TOLF	Tolla		AML	AML		
GUMA	comp=N,5600µm,0.5s		AML	AML		MURB	comp=N,8255µm,0.4s	AML	AML	TOLF	comp=N,619µm,0.8s		AML	AML		
GUMA	comp=E,56450µm,0.6s		AML	AML		MURB	comp=N,9125µm,0.4s	AML	AML	POFI	comp=E,1014µm,0.8s		AML	AML		
GUMA	comp=N,63850µm,0.3s		AML	AML		MURB	comp=N,8250µm,0.4s	AML	AML	POFI	Posta Fibreno	1.14 158	↓P	Pn	10 41 17.5 +1.2	
CSP1	comp=E,42000µm,1.6s	0.31 8	P	Pg	10 41 00.9 +0.3	MURB	comp=E,9680µm,0.4s	AML	AML	POFI	comp=N,478µm,0.6s		AML	AML		
CSP1	Cessapalombo		S	Sb	10 41 06.2 -1.0	MURB	comp=N,8190µm,1.0s	0.69 29	↑P	Pb	10 41 08.6 +0.3	POFI	comp=N,455µm,0.5s	AML	AML	
CSP1	comp=E,29200µm,1.0s		AML	AML		PP3	comp=E,27500µm,0.4s	AML	AML	POFI	comp=N,802µm,0.7s		AML	AML		
CSP1	comp=N,30600µm,1.0s		AML	AML		PP3	comp=E,27450µm,0.4s	AML	AML	LAV9	Lanuvio	1.15 197	P	Pn	10 41 17.5 +1.2	
T1211	comp=N,30600µm,1.0s		AML	AML		PP3	comp=N,34000µm,0.3s	AML	AML	LAV9	comp=E,2635µm,0.5s		AML	AML		
T1211	Morro Reatino	0.33 221	P	Pg	10 41 01.2 +0.4	PP3	comp=N,34000µm,0.3s	AML	AML	LAV9	comp=N,2905µm,0.4s		AML	AML		
T1211	comp=N,10445µm,0.4s		AML	AML	10 41 06.9 -0.6	PP3	comp=E,27000µm,0.4s	AML	AML	LAV9	comp=N,2905µm,0.4s		AML	AML		
T1211	comp=E,7600µm,1.1s		AML	AML		PP3	comp=N,34850µm,0.3s	0.71 338	↓P	Pg	10 41 08.1 +0.2	LAV9	comp=N,2690µm,0.4s	AML	AML	
T1211	comp=N,10330µm,0.4s		AML	AML		SSFR	comp=E,4605µm,0.3s	AML	AML	PESA	Pesaro	1.18 349	↓P	Pg	10 41 17.6 +0.7	
T1211	comp=E,7530µm,1.1s		AML	AML		SSFR	comp=N,5115µm,0.8s	AML	AML	PESA	comp=N,2355µm,0.3s		AML	AML		
ARRO	comp=N,4505µm,0.5s	0.35 235	P	Pg	10 41 01.5 +0.4	SSFR	comp=N,5240µm,0.8s	AML	AML	CRE	comp=N,2545µm,0.3s		AML	AML		
ARRO	Arrone		AML	AML		SSFR	comp=N,5240µm,0.8s	AML	AML	CRE	Caprese Michel	1.21 314	↓P	Pg	10 41 18.6 +1.1	
T1247	comp=N,3835µm,0.2s	0.36 162	P	Pg	10 41 01.7 +0.4	ATTE	comp=E,4595µm,0.2s	0.72 306	P	Pg	10 41 08.3 +0.2	CRE	comp=N,527µm,1.0s	AML	AML	
T1247	Pizzolo (AQ)		AML	AML		ATTE	comp=N,1690µm,1.2s	AML	AML	GIUL	Giuliano Di Ro	1.22 176	↓P	Pg	10 41 19.1 +1.4	
T1247	comp=N,9450µm,0.7s		AML	AML		ATTE	comp=N,1690µm,1.2s	AML	AML	GIUL	comp=N,564µm,1.0s		AML	AML		
TERO	comp=N,7855µm,1.5s	0.37 115	P	Pg	10 41 01.8 +0.2	SRES	comp=N,1200µm,1.5s	0.72 221	P	Pb	10 41 08.5 -0.3	GIUL	comp=N,658µm,0.5s	AML	AML	
TERO	Teramo		AML	AML		SRES	comp=N,1200µm,1.5s	AML	AML	ARCI	Arcidosso	1.23 274	P	Pn	10 41 16.3 -1.3	
TERO	comp=N,10725µm,0.3s		AML	AML		SRES	comp=N,1200µm,1.5s	AML	AML	ARCI	comp=N,194µm,0.6s		AML	AML		
TERO	comp=N,8955µm,0.7s		AML	AML		ATFO	comp=N,1065µm,0.7s	0.72 324	↑P	Pb	10 41 08.8 -0.1	ARCI	comp=N,182µm,1.6s	AML	AML	
TERO	comp=N,11150µm,0.3s		AML	AML		ATFO	comp=N,1065µm,0.7s	AML	AML	CERA	Filigiano	1.35 151	↑P	Pg	10 41 21.9 +1.9	
TERO	comp=N,10720µm,0.3s		AML	AML		ATFO	comp=N,1065µm,0.7s	AML	AML	FRES	Fresagrandinar	1.39 125	↓P	Pg	10 41 21.5 +0.7	
TERO	comp=N,8320µm,0.3s		AML	AML		T0110	comp=N,1795µm,0.5s	0.72 140	P	Pg	10 41 07.9 -0.3	FRES	comp=N,384µm,1.5s	AML	AML	
SEF1	comp=N,8320µm,0.3s		AML	AML		T0110	comp=N,1795µm,0.5s	AML	AML	FRES	comp=N,384µm,1.5s		AML	AML		
SEF1	Sefro	0.39 338	P	Pg	10 41 02.4 +0.4	T0110	comp=N,1795µm,0.5s	AML	AML	MIDA	Miranda	1.40 144	↑P	Pg	10 41 22.2 +1.1	
SEF1	comp=N,9820µm,1.6s		AML	AML		ARVD	comp=N,4095µm,0.5s	0.73 348	↓P	Pg	10 41 08.4 +0.1	MIDA	comp=N,320µm,0.8s	AML	AML	
SEF1	comp=N,10170µm,0.2s		AML	AML		ARVD	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,422µm,1.3s		AML	AML		
SEF1	comp=N,9815µm,1.6s		AML	AML		ARVD	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,422µm,1.3s		AML	AML		
SEF1	comp=N,10160µm,0.2s		AML	AML		ARVD	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,422µm,1.3s		AML	AML		
OFFI	Offida	0.42 69	P	Pb	10 41 03.3 -0.4	ARVD	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,422µm,1.3s		AML	AML		
OFFI	comp=N,18250µm,0.4s		AML	AML		MGAB	comp=N,4095µm,0.5s	0.77 280	↑P	Pg	10 41 09.3 +0.2	MIDA	comp=N,431µm,0.8s	AML	AML	
OFFI	comp=N,18250µm,0.4s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
MOMA	comp=N,18300µm,0.4s	0.43 273	P	Pg	10 41 03.0 +0.4	MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
MOMA	Monte Martano		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
MOMA	comp=N,7825µm,0.2s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
MOMA	comp=N,8150µm,0.2s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
MOMA	comp=N,5335µm,1.2s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
MOMA	comp=N,8155µm,0.2s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
MOMA	comp=N,5335µm,1.2s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
MNTP	comp=N,4900µm,1.2s	0.43 33	P	Pb	10 41 03.5 -0.3	MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
MNTP	Montappone		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
MNTP	comp=N,19950µm,0.3s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
MNTP	comp=N,16000µm,0.4s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
ASSB	Assisi San Ben	0.45 306	P	Pg	10 41 03.1 +0.2	MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
ASSB	comp=N,3975µm,0.7s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
ASSB	comp=N,3975µm,0.7s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
SSM1	comp=N,5515µm,0.2s	0.45 3	P	Pg	10 41 03.4 +0.4	MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
SSM1	San Severino M		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
CESX	Cesi	0.45 248	P	Pg	10 41 03.2 +0.1	MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
CESX	comp=N,3320µm,0.5s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
GIGS	comp=N,5130µm,0.9s	0.45 137	P	Pg	10 41 03.0 -0.1	MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
GIGS	Gran Sasso		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
GIGS	comp=N,1255µm,0.4s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
GIGS	comp=N,1105µm,0.5s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
GIGS	comp=N,1105µm,0.5s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
GAG1	comp=N,1100µm,0.5s	0.46 353	P	Pg	10 41 03.7 +0.5	MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
GAG1	Gagliole		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
GAG1	comp=N,9780µm,1.2s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
GAG1	comp=N,14050µm,0.4s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
AQU	comp=N,9775µm,1.2s	0.47 156	P	Pb	10 41 04.0 -0.5	MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
AQU	L'Aquila		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
AQU	comp=N,3000µm,1.6s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
AQU	comp=N,3005µm,1.6s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
AQU	comp=N,3315µm,0.8s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
AQU	comp=N,2950µm,1.6s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
SNTG	comp=N,3235µm,0.7s	0.50 342	P	Pg	10 41 04.1 +0.2	MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
SNTG	Esanatoglia		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
SNTG	comp=N,2470µm,0.7s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
SNTG	comp=N,2450µm,0.2s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
SNTG	comp=N,2440µm,0.2s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
FIAM	comp=N,2485µm,0.7s	0.51 183	P	Pg	10 41 04.3 +0.1	MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
FIAM	Fiamignano		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
FIAM	comp=N,3800µm,0.8s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
EL6	comp=N,3620µm,0.7s	0.55 356	↑P	Pg	10 41 05.2 +0.2	MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
EL6	Elicito		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
EL6	comp=N,5890µm,0.2s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
ATCC	comp=N,7805µm,0.3s	0.55 317	P	Pg	10 41 05.2 +0.3	MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
ATCC	AVT- Casa Cast		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µm,0.8s		AML	AML		
ATCC	comp=N,4615µm,1.2s		AML	AML		MGAB	comp=N,4095µm,0.5s	AML	AML	MIDA	comp=N,431µ					

SHLS	Shalkode	5.76	45	eP	Pb	10 59 13.1	+6.0
SHLS	comp=Z,130nm,0.9s			eS	Sg	11 00 31.6	+0.2
SHLS	comp=Z,262nm,0.8s						
SHLS	Shalkode	5.76	45	eP	Pn	10 58 56.0	+3.8
SHLS	Shalkode	5.76	45	eP	Pg	10 59 15.1	-1.6
SHLS	comp=Z,130nm,0.9s			Lg	Lg	11 00 31.6	
SHLS	Shalkode	5.76	45	ePN	Pn	10 58 55.9	+3.8
BTLS	Baital	5.86	1	eP	Pb	10 59 10.5	+1.8
BTLS	comp=Z,64nm,0.7s			eS	Sg	11 00 29.2	-5.3
BTLS	comp=Z,76nm,0.8s			eP	Pn	10 58 54.0	+0.6
BTLS	Baital	5.86	1	eP	Pb	10 59 12.5	+3.8
BTLS	comp=Z,64nm,0.7s			Lg	Lg	11 00 27.3	
BTLS	comp=Z,76nm,0.8s			eP	Pn	10 58 53.9	+0.6
BTLG	Podgomoye	5.89	43	eP	Pb	10 59 12.5	+3.2
PDGK	comp=Z,36nm,0.7s			Lg	Lg	11 00 27.2	
PDGK	comp=Z,181nm,0.9s			Pn	Pn	10 58 53.9	0.0
PDGK	comp=Z,20nm,0.8s			Pg	Pg	10 59 12.5	+3.2
PDGK	comp=Z,94nm,0.8s			Lg	Lg	11 00 26.7	
PDGK	comp=Z,636nm,1.0s			Pn	Pn	10 58 53.9	0.0
PDGK	Podgomoye	5.89	43	eP	Pn	10 58 53.9	+2.2
KBL	Kabul	6.06	222	eP	Pn	10 58 58.6	+2.2
KBL	Kabul	6.06	222	eP	Pn	10 58 58.6	+2.2
THW	Thamme Wali	6.61	196	eP	Pn	10 59 07.8	+4.1
TDK	Taldyqorghan	6.70	28	eP	Pn	10 59 05.9	+0.9
TDK	Taldyqorghan	6.70	28	ePN	Pb	10 59 05.8	+0.9
DJR	Jarkent	6.76	38	eP	Pb	10 59 26.0	+1.9
DJR	comp=Z,21nm,0.5s			eS	Sb	11 00 55.4	+1.1
DJR	Jarkent	6.76	38	eP	Pg	10 59 27.7	+3.6
DJR	comp=Z,92nm,0.9s			Lg	Lg	11 00 53.3	
DJR	comp=Z,21nm,0.5s			Lg	Lg	11 00 53.3	
BHK	Bhakra	8.01	165	eS	Sn	11 00 55.3	+1.9
BHK	comp=Z,99nm,0.4s			IAML	IAML	11 01 03.8	
BHK	comp=N,170nm,0.4s			IAML	IAML	11 01 03.8	
SMLA	Simla	8.46	161	eP	Pn	10 59 28.9	0.0
OTUK	Ortayuy	9.14	353	eP	Pn	10 59 38.8	+0.5
OTUK	comp=N,12nm,0.6s			Lg	Lg	11 02 10.1	
OTUK	comp=N,278nm,1.3s			Lg	Lg	11 02 10.1	
OTUK	Ortayuy	9.14	353	eP	Pn	10 59 38.8	+0.5
DDI	Dehra Dun	9.46	158	eP	Pn	10 59 43.1	+0.2
MAKZ	Makanchi	9.63	35	eP	Pn	10 59 41.8	-3.3
MAKZ	Makanchi	9.63	35	eP	Pn	10 59 41.8	-3.3
MAKZ	Makanchi	9.63	35	eP	Pn	10 59 46.7	+0.2
MK31	Makanchi Array	9.76	36	eP	Pn	10 59 48.3	+1.4
MK31	Makanchi Array	9.76	36	eP	Pn	10 59 48.3	+1.4
MK31	comp=N,6.3nm,0.7s,baz=208,slow=11,SNR=24			Lg	Lg	11 02 34.8	
MK31	comp=N,28nm,0.9s,baz=220,slow=20,SNR=3.9			Lg	Lg	11 02 34.8	
MK31	Makanchi Array	9.76	36	eP	Pn	10 59 47.8	+0.9
MKAR	Makanchi Array	9.76	36	eP	Pn	10 59 48.1	+1.2
MKAR	comp=N,0.3nm,0.3s,baz=212,slow=13,SNR=20			Lg	Lg	11 02 29.7	
MKAR	comp=N,0.2nm,0.3s,baz=235,slow=19,SNR=1.9			Lg	Lg	11 01 23.4	
MKAR	comp=N,168nm,18.6s,baz=230,slow=37			Lg	Lg	11 02 29.7	
MKAR	Makanchi Array	9.76	36	eP	Pn	10 59 47.5	+0.6
MKAR	Makanchi Array	9.76	36	eP	Pn	10 59 48.5	+1.6
MKAR	comp=Z,4.0nm,0.8s			Pn	Pn	10 59 58.6	+1.1
HRA	Herat	10.52	247	eP	Pn	11 00 03.0	+1.5
NDI	New Delhi	10.82	164	eP	Sn	11 02 01.0	-1.5
NDI	New Delhi	10.82	164	eP	Sn	11 02 01.0	-1.5
WMQ	Urumqi	11.31	61	eP	Pn	11 00 07.3	-0.9
WMQ	Urumqi	11.31	61	eP	Pn	11 00 13.5	
WMQ	Urumqi	11.31	61	eP	Pn	11 00 19.3	+3.5
WMQ	Urumqi	11.31	61	eP	Pn	11 02 12.8	-1.8
WMQ	comp=Z,24nm,0.9s			Pn	Pn	11 00 19.3	+3.5
WMQ	comp=Z,570nm,8.7s			Lg	Lg	11 02 12.8	-1.8
WMQ	comp=Z,160nm,19.3s			Lg	Lg	11 02 12.8	-1.8
ZSN	Zaisan	11.47	40	eP	Pn	11 00 10.1	-0.2
ZSN	comp=Z,160nm,19.3s			Lg	Lg	11 00 10.1	-0.2
ZSN	Zaisan	11.47	40	eP	Pn	11 00 10.0	-0.2
KURBB	Kurchatov Arra	11.90	14	eP	Pn	11 00 15.4	-0.6
KURBB	comp=Z,0.1nm,0.3s,baz=201,slow=11,SNR=8.7			Lg	Lg	11 03 37.9	
KURK	Kurchatov	12.00	14	eP	Pn	11 00 16.3	-1.2
KURK	comp=Z,1.0nm,0.7s			Pn	Pn	11 00 15.4	-2.1
GEYT	Alibeck	12.45	269	eP	Pn	11 00 22.9	-0.8
GEYT	comp=Z,0.9nm,0.3s,baz=93,slow=8.9,SNR=7.1			Sn	Sn	11 02 39.0	-3.4
GEYT	comp=Z,0.4nm,0.3s,baz=86,slow=20,SNR=2.1			Lg	Lg	11 06 03.4	
GEYT	comp=Z,527nm,18.4s,baz=84,slow=42			Lg	Lg	11 06 03.4	
GYA0B	ALIBECK ARRAY	12.45	269	eP	Pn	11 00 25.9	+2.3
AJM	Ajmer	12.68	177	eP	Pn	11 00 27.1	+0.3
AJM	comp=Z,3.7nm,0.5s			eS	Sb	11 02 45.9	
AJM	comp=N,21nm,0.6s			IAML	IAML	11 03 10.2	
AJM	comp=N,21nm,0.6s			IAML	IAML	11 03 11.3	
AJM	comp=N,21nm,0.6s			IAML	IAML	11 03 11.3	
DANN	Dangsing	13.53	140	eP	Pn	11 00 36.2	-2.6
DANN	comp=E,31nm,0.4s			eS	Sb	11 03 05.4	-2.6
KOLN	Koldanda	13.94	142	eP	Pn	11 00 41.8	-2.4
BVA0	Borovoye Array	14.06	351	eP	Pn	11 00 44.1	-1.5
BVAR	Borovoye Array	14.06	351	eP	Pn	11 00 43.6	-2.0
BVAR	comp=E,0.1nm,0.3s,baz=160,slow=14,SNR=36			Lg	Lg	11 06 29.8	
BVAR	comp=E,102nm,19.9s,baz=200,slow=38			Lg	Lg	11 06 29.8	
BRVK	Borovoye	14.11	351	eP	Pn	11 00 45.0	-1.2
BRVK	Borovoye	14.11	351	eP	Pn	11 00 45.0	-1.2
BRVK	comp=N,4.5nm,0.8s			eS	Sb	11 00 45.4	-2.0
BRVK	Borovoye	14.11	351	eP	Pn	11 00 44.9	-1.3
AB31	Akbulak array	14.19	320	eP	Pn	11 00 45.4	-2.0
AB31	comp=E,7.9nm,0.6s,baz=127,slow=13,SNR=124			Pn	Pn	11 00 45.4	-2.0
AB31	Akbulak array	14.19	320	eP	Pn	11 00 45.4	-2.0
ABKAR	Akbulak array	14.19	320	eP	Pn	11 00 45.3	-2.5
JHNI	Jhansi	14.21	163	eP	Pn	11 03 27.7	
JHNI	comp=N,17nm,0.4s			IAML	IAML	11 03 27.7	
JHNI	comp=N,17nm,0.4s			IAML	IAML	11 03 28.2	
DGZ	Jazzator, Alta	14.25	38	eP	Pn	11 00 49.7	+1.4
DMN	Daman	14.82	138	eS	Sn	11 03 34.4	-6.4
GUN	Gumba	15.00	135	eP	Pn	11 00 55.6	-3.2
GUN	comp=N,11nm,0.4s			Pn	Pn	11 00 55.6	-3.2
PKI	Pulchoki	15.01	137	eP	Pn	11 00 56.1	-2.9
PKI	comp=N,24nm,0.6s			Pn	Pn	11 00 56.1	-2.9
JIRN	Jiri	15.17	135	eP	Pn	11 00 59.7	-4.0
AKTO	Aktyubinsk	15.31	320	eP	Pn	11 01 10.2	-0.1
AKTO	comp=N,0.5nm,0.3s,baz=125,slow=12,SNR=22			Sn	Sn	11 04 00.2	-6.3
AKTO	comp=N,0.2nm,0.3s,baz=18,slow=11,SNR=4.2			Lg	Lg	11 07 48.2	
AKTO	comp=N,143nm,22.0s,baz=219,slow=39			Lg	Lg	11 07 48.2	
AKTO	Aktyubinsk	15.31	320	eP	Pn	11 01 09.5	-0.8
RAMN	Ramite	16.15	135	eP	Pn	11 01 09.8	-3.9
RAMN	comp=N,20nm,0.6s			Pn	Pn	11 01 09.8	-3.9
BHPL	Bhopal	16.16	168	eP	x	11 01 07.1	
ZAA0	Zalesovo Beam	16.53	23	eP	Pn	11 01 16.7	-1.5
ZALV	Zalesovo Beam	16.53	23	eP	Pn	11 01 16.7	-1.5
ZALV	comp=N,10.1nm,19.1s,baz=360,slow=38			Lg	Lg	11 01 16.7	-1.5
ZALV	comp=N,9.9nm,0.6s			Lg	Lg	11 01 16.7	-1.5
ZALV	Zalesovo Beam	16.53	23	eP	Pn	11 01 16.2	-2.0

ZALV	Zalesovo Beam	16.53	23	eP	Pn	11 01 19.7	+1.5
ZALV	comp=Z,10.0nm,0.6s			Pmax	Pmax	11 01 19.7	+1.5
GOMU	GeErMu	16.79	94	eP	Pn	11 01 22.8	+0.8
GOMU	comp=Z,10.0nm,0.6s			pP	pP	11 01 26.0	+1.7
GOMU	GeErMu	16.79	94	eP	Pn	11 01 30.4	+2.2
GOMU	comp=Z,3.0nm,0.5s			sP	sP	11 01 30.4	+2.2
GOMU	comp=Z,3.0nm,0.5s			Pmax	Pmax	11 01 30.4	+2.2
GOMU	comp=Z,110nm,5.8s			LR	LR	11 01 30.3	+3.2
GOMU	comp=Z,130nm,6.6s			LR	LR	11 01 30.3	+3.2
GOMU	comp=Z,140nm,6.7s			LR	LR	11 01 30.3	+3.2
LSA	Lhasa	17.04	118	eP	Pmax	11 01 30.3	+3.2
LSA	comp=Z,140nm,6.7s			Pmax	Pmax	11 01 30.3	+3.2
SVE	Sverdlouvs	19.71	338	eP	P	11 01 58.4	+2.6
GTA	Gaotai	20.02	81	eP	P	11 02 00.3	+0.8
GTA	comp=Z,4.0nm,1.2s			Pmax	Pmax	11 02 00.3	+0.8
GTA	comp=Z,70nm,4.7s			Pmax	Pmax	11 02 00.3	+0.8
GTA	comp=Z,130nm,13.1s			LR	LR	11 02 00.3	+0.8
GTA	comp=Z,250nm,11.6s			LR	LR	11 02 00.3	+0.8
GTA	comp=Z,230nm,9.8s			LR	LR	11 02 00.3	+0.8
ARU	Arti	20.03	335	eP	P	11 02 01.1	+1.8
ARU	comp=Z,15nm,0.9s,baz=142,slow=4.2,SNR=12			P	P	11 02 01.1	+1.8
ARU	Arti	20.03	335	eP	P	11 02 01.1	+1.8
ARU	Arti	20.03	335	eP	P	11 02 00.7	+1.4
ARU	Arti	20.03	335	eP	P	11 02 00.7	+1.4
ARU	Arti	20.03	335	eP	P	11 02 18.3	
ARU	Arti	20.03	335	eP	P	11 05 42.9	-1.4
ARU	Arti	20.03	335	eP	P	11 06 03.3	+2.7
ARU	comp=Z,15nm,1.0s			SS	SS	11 06 03.3	+2.7
ARU	comp=Z,176nm,11.0s			MLR	MLR	11 06 03.3	+2.7
AKT	Akhty	20.09	285	eP	P	11 02 02.0	+1.8
AKT	comp=Z,18nm,1.2s			eP	eP	11 02 19.7	
AKT	Akhty	20.09	285	eP	P	11 02 02.0	+1.8
AKT	comp=Z,18nm,1.2s			eP	eP	11 02 19.7	
MAK	Makhachkala	20.25	289	eP	P	11 02 03.5	+1.7
MAK	comp=Z,28nm,0.4s			eS	eS	11 05 49.6	+0.8
MAK	Makhachkala	20.25	289	eP	P	11 02 03.5	+1.7
MAK	comp=Z,28nm,0.4s			eS	eS	11 05 49.6	+0.8
MAK	Makhachkala	20.25	289	eP	P	11 02 03.5	+1.7
MAK	comp=Z,28nm,0.4s			eS	eS	11 05 49.6	+0.8
MAK	Makhachkala	20.25	289	eP	P	11 02 03.5	+1.7
MAK	comp=Z,28nm,0.4s			eS	eS	11 05 49.6	+0.8
WSAR	Wadi Sarin	20.54	224	eP	P	11 02 06.7	+1.6
WSAR	comp=Z,3.1nm,0.8s,baz=88,slow=10.0,SNR=19			LR	LR	11 10 50.5	
WSAR	Wadi Sarin	20.54	224	eP	P	11 02 06.7	+1.6
WSAR	comp=Z,3.1nm,0.8s,baz=88,slow=10.0,SNR=19			LR	LR	11 10 50.5	
UOSS	Minazif	20.61	232	eP	P	11 02 06.5	+0.6
BRDH	Baridachala	22.32	132	eP	LR	11 11 34.0	
BRDH	comp=Z,187nm,18.7s,baz=287,slow=38			LR	LR	11 11 34.0	
GNI	Garni						

19d 10h

Table with columns: Station ID, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like MA2, MA2, MA2, TAOE, BRDH, etc.

2016 DEC

Table with columns: Station ID, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like M19K, TTA, BRSE, PCHI, etc.

1430

Table with columns: Station ID, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like K24K, IL31, ILAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM Songino Array, MKAR Makanchi Array, ILAR Eielson Array, etc.

IDC 19 11:23:23.7.2.8.5.60S.154.42E.h99km.23km.mb3.777. mbmp4.2/9, Error ellipse: s-maj=27.6km s-min=16.7km az=79.0

NEIC 19 11:23:25.8.2.0.5.65:0.1:154.46E:0.1, h114km, 8km, mb4.3/23, Error ellipse: s-maj=16.8km s-min=12.5km az=221.0

ISC 19 11:23:23.9.0.7.5.62S:0.08:154.44E:0.09, h100km, n40, 1504/40, mb4.2/17, Bougainville-Solomon Islands region

Main table for 19d 12h section, listing station codes (RABL, KRVT, HNR, etc.), station names, and their respective coordinates and phases.

SNET 19 11:24:22.3.1.4.13:55N:91.06W, h16km, 24km, ML3.5 GCG 19 11:24:23.4.0.7.13:59N:91.09W, h26km, 3km, MD3.6

ISC 19 11:24:22.3.4.1.13:59N:91.09W, h20km, 12km, n13, 0564/20, Near coast of Guatemala

Table for 19d 12h section, listing station codes (SULM, FUG, etc.), station names, and their respective coordinates and phases.

IPCC 19 11:24:29.0.3.0.50:00N:18.58E, h1km, ML1.6/4, Error ellipse: s-maj=2.0km s-min=1.9km az=11.0

PRU 19 11:24:30.3.0.0.50:00N:18.56E, h0km ISC 19 11:24:28.3.1.6.50:05N:0.07:18.64E:0.06, h0km, n14, 0564/24, Poland

Table for 19d 12h section, listing station codes (OKC, MORC, etc.), station names, and their respective coordinates and phases.

Table for 2016 DEC section, listing station codes (MORC, MAUC, etc.), station names, and their respective coordinates and phases.

IDC 19 11:25:51.5.6.3.40:85N:140.26E, h0km, mb3.6/2, mbmp3.7/3, ML2.7/1, Error ellipse: s-maj=187.4km s-min=88.0km az=128.0

JMA 19 11:25:23.5.0.1.38:48N:3:140:11E:0.5, h128km, MV2.5/S, SOUTHERN YAMAGATA PREF

ISC 19 11:26:23.5.1.1.38:40N:0:06:140:11E:0.07, h128km, 7km, n21, 0573/26, Eastern Honshu

Main table for 2016 DEC section, listing station codes (JVS, JYA, etc.), station names, and their respective coordinates and phases.

IDC 19 11:44:45.6.4.1.4:54S.153:82E, h92km, 29km, mb3.7/8, mbmp4.1/9, Error ellipse: s-maj=38.4km s-min=17.6km az=94.0

NEIC 19 11:44:48.9.1.7.4:55:0.1:153:6E:0.1, h111km, 7km, mb4.4/15, Error ellipse: s-maj=16.9km s-min=15.8km az=105.0

ISC 19 11:44:46.9.0.8.4.47S:0.09:153.74E:0.10, h100km, n41, 0159/43, mb4.3/15, New Ireland region

Main table for 2016 DEC section, listing station codes (RABL, KRVT, etc.), station names, and their respective coordinates and phases.

WBO Warramunga Arr 24.22 230 P I 11 49 53.9 -0.6 WBO Warramunga Arr 24.23 229 P I 11 49 55.3 -0.2

WR0 Warramunga Arr 24.23 229 P I 11 49 55.3 -0.2 WR0 Warramunga Arr 24.23 229 P I 11 49 55.3 -0.2

WRAB Tennant Creek 24.35 229 P I 11 49 55.1 -0.6 WRAB Tennant Creek 24.35 229 P I 11 49 55.1 -0.6

WRAB Tennant Creek 24.35 229 P I 11 49 54.9 -0.8 WRAB Tennant Creek 24.36 229 P I 11 49 56.6 -0.6

WRA Warramunga Arr 24.37 229 P I 11 49 55.4 -0.5 WRA Warramunga Arr 24.37 229 P I 11 49 55.4 -0.5

WRA Warramunga Arr 24.37 229 P I 11 49 55.4 -1.3 WRA Warramunga Arr 24.37 229 P I 11 49 55.4 -1.3

AS31 Alice Springs 27.03 223 P P 11 50 18.2 -1.7 ASAR Alice Springs 27.03 223 P P 11 50 18.8 -1.1

ASAR Alice Springs 27.03 223 P P 11 50 19.3 -0.6 STKA Stephens Creek 29.55 201 P P 11 50 41.9 -0.3

ASAR Alice Springs 27.03 223 P P 11 50 19.3 -0.6 STKA Stephens Creek 29.55 201 P P 11 50 41.9 -0.3

ASAR Alice Springs 27.03 223 P P 11 50 19.3 -0.6 STKA Stephens Creek 29.55 201 P P 11 50 41.9 -0.3

ASAR Alice Springs 27.03 223 P P 11 50 19.3 -0.6 STKA Stephens Creek 29.55 201 P P 11 50 41.9 -0.3

ASAR Alice Springs 27.03 223 P P 11 50 19.3 -0.6 STKA Stephens Creek 29.55 201 P P 11 50 41.9 -0.3

ASAR Alice Springs 27.03 223 P P 11 50 19.3 -0.6 STKA Stephens Creek 29.55 201 P P 11 50 41.9 -0.3

ASAR Alice Springs 27.03 223 P P 11 50 19.3 -0.6 STKA Stephens Creek 29.55 201 P P 11 50 41.9 -0.3

ASAR Alice Springs 27.03 223 P P 11 50 19.3 -0.6 STKA Stephens Creek 29.55 201 P P 11 50 41.9 -0.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like QSPA South Pole, TORQ Torodi Ar.

INET 19 11:52:51.5.1.8.10:05N:83:88W, h15km, 4km, MW2.9 UCR 19 11:52:51.1.1.8.10:11N:83:95W, h11km, 2km, MW3.7

ISC 19 11:52:50.8.1.0.10:11N:83:95W, h11km, 2km, MW3.7 n41, 0555/45, Costa Rica

Main table for 1434 section, listing station codes (HAYA, VTRT, etc.), station names, and their respective coordinates and phases.

IDC 19 12:01:27.8.15.0.36:28N:71:33E, h227km, 179km, mb3.1/8, mbmp3.7/4, MS3.7/1, Error ellipse: s-maj=103.0km s-min=69.6km az=111.0

Afghanistan-Tajikistan border region

Main table for 1434 section, listing station codes (MKAR, ZALV, etc.), station names, and their respective coordinates and phases.

IDC 19 12:34:0.1.8.5.41S:153:52E, h0km, mb3.4/3, mbmp3.4/3, MS3.1/1, Error ellipse: s-maj=43.2km s-min=27.8km az=119.0, New Ireland region

SNET 19 12:22:58.4.1.8.11:90N:89:29W, h38km, ML4.5 INET 19 12:22:58.8.1.5.11:91N:89:34W, h20km, 13km, MW4.2

IDC 19 12:34:0.1.8.5.41S:153:52E, h0km, mb3.4/3, mbmp4.0/7, ML3.9/1, MS3.9/2, Error ellipse: s-maj=57.7km s-min=30.8km az=33.0

GCG 19 12:30:0.5.2.0.12:17N:89:05W, h74km, MD4.2 UCR 19 12:30:1.8.2.1.11:92N:89:08W, h5km, MW3.7

mb4.3(NEIC) NEIC 19 12:34:0.1.7.12:19N:0:08:89:08W:0.09, h45km, 15km, mb4.3/30, Md4.5(SNET), Error ellipse: s-maj=14.6km s-min=8.6km az=50.0

ISC 19 12:30:0.3.1.7.12:26N:0:06:89:12W:0.05, h16km, 10km, n139, 0136/149, mb4.2/23, 10, Off coast of central America

Main table for 1434 section, listing station codes (ALJI, SJTE, etc.), station names, and their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTO3, TELN, ESQI, etc.

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

NOU 19 12:37:41.5, 16:63S:-167:44E, h95km, MLV3.6/7, Vanuatu Islands, Vanuatu Islands

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

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

IDC 19 13:02:02.3-4.3, 0:51S:-14:87W, h0km, mb4.0/4, mbtm0.4/3, MS3.7/19, Error ellipse: s-maj=104.6km s-min=40.3km az=84.0, North of Ascension Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM, TAPN, SDPT, VANDA, RAMN, JIRN, GUN, PKI, PKIN, DMN, KOLN, DANN, WMQ, IMAR, MK31, MKAR, ZAAO, ZALV, ZALR, SCRK, QSPA, BMAW, BESE, KKAR, BVVK, GEYT, PDAR, PLCA, GERES, BDFB, TORD.

19d 14:27:53.8.1.6, 29.22N.99.01E, h0km, mb3.5/3, mbtmp3.6/4, ML4.1/1, Error ellipse: s-maj=86.7km s-min=28.8km az=62.0, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, MKAR, SKHL, JMA, YUK, NEM2, NMR, KUR, JRA, JNSB, JKHN, JKN, AKK, JAK, JTKR, JAR, JOB, JMP, JCH, JKK2, ASAJ, JFR, JEM, JNBK.

19d 14:27:53.8.1.6, 29.22N.99.01E, h0km, mb3.5/3, mbtmp3.6/4, ML4.1/1, Error ellipse: s-maj=86.7km s-min=28.8km az=62.0, Sichuan

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

19d 14:29:00.1.2.7, 29.59N.50.74E, h0km, mb3.8/7, mbtmp3.8/8, ML3.2/1, Error ellipse: s-maj=66.8km s-min=31.9km az=146.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAZI, AHB, DSBU, ABEH, SHI, SHI, SHI, KLNJ, KLNJ, QIR1, IBRJ, JHRM, AMIS, IRAM, SHK1, IGAR, IPIR, ISAD, ZEFZ, NANS, IMEH, IKLH, IKLH, ICHK, QAMS, YZKH, KHMZ, ANAR, IBAF, KRSH, KHGB, ISFB, GHVR, NGRK, ZRDN, BNDS, GENO, ASAD, KRBR, TVBK, HSAM, IQOM, HAGD, IVRN, ILBA, CHMZ, BANOM, BANOM, IDMV, DAMV, MSFE, ASUD, IFIR, SNGE, MDH, MDH, CHTG, IDHR, UOSS, UOSS, KBAM, ASHO, ASHO, TABS, ALNR, ALZ, JASK, SHRO, SHRO, SHRT, MRVT, GEYT, ZALV, FINES, NOA, ARCES, TORD, ILAR, YKA.

19d 14:44:04.5.1.9, 2.07N.123.89E, h0km, mb3.3/3, mbtmp3.3/3, Error ellipse: s-maj=204.1km s-min=26.4km az=63.0, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, MKAR, ZALV, FINES, NOA, ARCES, TORD, ILAR, YKA.

19d 14:44:04.5.1.9, 2.07N.123.89E, h0km, mb3.3/3, mbtmp3.3/3, Error ellipse: s-maj=204.1km s-min=26.4km az=63.0, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT, KRVT, KRVT, PMG, PMG, WRA, WRA, ASAR, CMAR, SONM, MKAR, ZALV, KURBB, BVAR, TORD.

19d 14:48:23.1.1.4, 5.26S.153.39E, h0km, mb3.6/8, mbtmp3.7/9, ML2.0/1, Error ellipse: s-maj=33.9km s-min=24.5km az=88.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT, KRVT, KRVT, PMG, PMG, WRA, WRA, ASAR, CMAR, SONM, MKAR, ZALV, KURBB, BVAR, TORD.

19d 14:54:07.8.3.2, 5.62S.153.13E, h0km, mb2.9/2, mbtmp3.0/2, MS3.3/1, Error ellipse: s-maj=66.1km s-min=26.1km az=77.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT, KRVT, WRA, ASAR, STKA, TORD.

19d 14:54:51.8.2.2, 5.41S.154.01E, h0km, mb3.4/2, mbtmp3.6/3, ML3.8/1, Error ellipse: s-maj=48.8km s-min=38.2km az=52.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT, KRVT, WRA, H1S3, H1S2, H1S1, MKAR, TORD.

19d 15:02:28.7.1.4, 3.31N.123.48E, h0km, mb3.6/5, mbtmp3.6/5, ML4.8/1, Error ellipse: s-maj=126.9km s-min=20.7km az=68.0

19d 15:03:34.2.1.4, 3.1N.123.21E, h0km, n6.0=87/6, mb3.4/5, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI, WRA, ASAR, MKAR, KURBB, BVAR.

19d 15:02:36.9.3.1, 5.66S.153.68E, h0km, mb3.4/2, mbtmp3.5/3, ML3.3/1, Error ellipse: s-maj=60.4km s-min=31.3km az=71.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT, KRVT, WRA, ASAR, TORD.

19d 15:07:42.2.3.3, 4.74S.152.68E, h0km, mb3.3/2, mbtmp3.3/2, Error ellipse: s-maj=60.4km s-min=25.1km az=59.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT, WRA, ASAR, TORD.

19d 15:14:23.0.2.6, 3.65S.151.65E, h0km, mb3.2/2,

2016 DEC

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like ITAB, AQDB, AQDB, and various other call signs.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like QSPA, QSPA, QSPA, and various other call signs.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like R55A, PARMO, T45A, and various other call signs.

19d 15h

19d 15h

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ERPA, TUC, P38A, ANMO, etc.

202A 78.37 332 P P

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SRU, O20A, EDW, OSI, etc.

1440

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ESDC, YKA, SCM, SEW, etc.

ROM 19 15:42.01.1.01, 42:362N, 0:006:13.237E, 0:004, h11km, AML1, 7/13, 13C-4D, Error ellipse: s-maj=0.7km s-min=0.3km az=356.0, Central IAU

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like T1245, T1245, etc.

19d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KNDC Almaty, MDOK Medeo, MDOK Medeo, etc.

19d 16:04:45.7±4.4, 6.59S:152.00E, h0km, mb3.2/2, mbmp3.3/3, ML3.3/1, Error ellipse: s-maj=156.3km s-min=27.5km az=111.0, New Britain region

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

NEIC 19:16:06:04.0±2.3, 5.58S:0.08±153.7E±0.1, h10km, 1km, mb4.6/24, Error ellipse: s-maj=20.4km s-min=12.7km az=73.0

19d 16:06:08.2±3.0, 5.64S:153.47E, h42km, 25km, mb3.9/14, mbmp4.1/15, ML2.3/1, MS3.2/5, Error ellipse: s-maj=27.5km s-min=14.4km az=80.0

19d 16:06:08.2±0.6, 5.63S:0.06±153.5E±0.1, h43km, n70, s-maj=27.5km s-min=14.4km az=80.0, New Ireland region

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

20 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LZT, JNU Nakatsue, JNU Nakatsue, etc.

19d 16:11:09.0±0.8, 7.75N:36.47W, h0km, mb4.1/9, mbmp4.1/10, ML4.4/1, MS3.4/12, Error ellipse: s-maj=24.6km s-min=19.7km az=137.0

NEIC 19:16:11:10.9±2.2, 7.7N±0.2±36.51W±0.09, h10km, 2km, mb4.6/4, Error ellipse: s-maj=28.0km s-min=14.6km az=12.0

19d 16:11:12.6±0.7, 7.7N±0.1±36.5W±0.1, h24km, n28, s-maj=24.6km s-min=19.7km az=137.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RCBR Riachuelo, MBO M'Bour, BDBF Brasilia, etc.

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

19d 16:25:47.3±1.4, 4.68N:95.56E, h0km, mb3.7/6, mbmp3.7/6, Error ellipse: s-maj=65.8km s-min=21.4km az=50.0

DJA 19:16:25:51.9±0.8, 5.7N±4.9±9.6E, h10km, M4.0/9, MLV4.0/9, Error ellipse: s-maj=65.8km s-min=21.4km az=50.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLSI Meulaboh, LHMI Leuk Sumawe, KCSI Kotacane, etc.

19d 16:29:35.4, 17.13S:167.73E, h17km, MLV4.1/12, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DVP Devils Point, RTV Rentapa, MARNC Mare, etc.

19d 16:34:04.2±1.4, 5.59S:153.53E, h0km, mb3.9/6, mbmp4.0/7, ML1.8/1, MS4.2/1, Error ellipse: s-maj=34.0km s-min=23.7km az=80.0

19d 16:34:10.7±1.1, 3.56S:0.1±153.4E±0.2, h43km, n13, s-maj=34.0km s-min=23.7km az=80.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat, PMG Port Moresby, WRA Warramunga Arr, etc.

19d 16:39:37.9±0.1, 35.4N±0.3±133.8E±0.3, h13km, MV0.5/22, EASTERN TOTTORI PREF, Western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JKR Kurayoshi, JAD Yada, JOI OKI, etc.

19d 16:40:06.9±0.0, 36.3N±0.1±140.6E±0.2, h9km, MV0.6/28, HONSHU, HONSHU

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHO Hitachi, JFO Fukushimafurud, JAG Ashikaga, etc.

19d 16:41:12.1±1.2, 37.40N±0.05±141.56E±0.06, h10km, 1km, NEIC 19:16:41:12.1±1.2, 37.40N±0.05±141.56E±0.06, h10km, 1km

mb5.5/423,Mw1.5,19,Mwv5.0/18,Mwv5.1/19, Error ellipse: s-maj=9.0km,s-min=6.1km,az=221.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁶Nm; Mir=2.90; M1s:1.58; M2s:1.23; M3s:-1.11; M4s:1.93; M5s:0.91; Fault plane solution: Ms3.42000x10¹⁶ NP1:19.204.23000°, λ=49.50000°, λ-125.26000°. NP2:19.204.23000°, λ=56.88000°. Principal axes: T 3.3454, P1g2.29000°, Azm138.0000°; N 0.1486, P1g2.0000°, Azm229.0000°; P -3.4940, P1g4.0000°, Azm44.0000°.

GCMT 19 16:41:14.0±0.2, 37.33N±0.01; 141.54E±0.01; h12km, MWV5:1/124, Moment Tensor Solution. s69,c99; s124,c209. Duration: 1.0s. Moment tensor: Scale 10¹⁶Nm; Mir=5.44±10; M1s:3.72±10; M2s:1.73±09; M3s:1.28±28; M4s:3.47±07; M5s:1.34±30; Best double couple; Ms6.21600x10¹⁶ NP1:19.204.23000°, λ=64.00000°, λ-64.00000°. NP2:19.204.23000°, λ=117.00000°. Principal axes: T 6.3390, P1g1.0000°, Azm143.0000°; N -0.2350, P1g19.0000°, Azm234.0000°; P -6.0940, P1g71.0000°, Azm50.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 19 16:41:15.6, 37.40N±0.14; 156E±0.12km, Moment Tensor Solution. Duration: 1.58s. Moment tensor: Scale 10¹⁶Nm; Mir=4.78; M1s:3.05; M2s:1.97; M3s:1.90; M4s:2.66; M5s:0.38; Fault plane solution: Ms3.31000x10¹⁶ NP1:19.204.23000°, λ=78.32000°. NP2:19.204.23000°, λ=106.41000°. Principal axes: T 5.4230, P1g10.0000°, Azm144.0000°; N -0.2209, P1g10.0000°, Azm235.0000°; P -5.2021, P1g76.0000°, Azm9.0000°.

ISC 19 16:41:11.7±0.4, 37.37N±0.02; 141.62E±0.03, h15km±2km, h15km; p-P, n1600, s147/1531, mb5.5/408, MS4/8/98, 33C-104D, Near east coast of eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
JFK	Kawauchi	0.60	270	iP	Pg	16 41 23.3 -0.1
JFK	Kawauchi	0.60	270	S	Sb	16 41 31.5 -0.6
JFK	Kawauchi	0.60	270	A	A	16 41 23.3
JMST	Minamisomatoc	0.68	301	iP	Pb	16 41 25.0 -0.2
JMST	Minamisomatoc	0.68	301	S	Sb	16 41 35.3 +0.7
JMST	Minamisomatoc	0.68	301	A	A	16 41 25.0
JMM	Marumori	0.82	307	iP	Pg	16 41 27.2 -0.5
JMM	Marumori	0.82	307	Sg	Sg	16 41 37.1 -1.4
JMM	Marumori	0.82	307	Pg	Pb	16 41 27.8 +0.1
JMM	Marumori	0.82	307	iP	Pb	16 41 27.3 -0.3
JMM	Marumori	0.82	307	SS	Sb	16 41 38.7 +0.1
JMM	Marumori	0.82	307	A	A	16 41 27.3
JFFD	Fukushimafurd	0.89	252	iP	Pg	16 41 27.6 -1.3
JFFD	Fukushimafurd	0.89	252	S	Sb	16 41 39.1 -1.7
JFFD	Fukushimafurd	0.89	252	A	A	16 41 27.6
JKH	Ishinomakabu	0.94	352	A	A	16 41 29.6
JIO	Ouri	1.10	349	iP	Pb	16 41 31.6 -0.8
JIO	Ouri	1.10	349	A	A	16 41 31.6
JHO	Hitachi	1.14	228	A	A	16 41 30.4 -2.6
JHO	Hitachi	1.14	228	A	A	16 41 30.4
JOU	Okura	1.25	323	iP	Pg	16 41 34.9 -0.1
JOU	Okura	1.25	323	SS	Sb	16 41 52.0 0.0
JOU	Okura	1.25	323	A	A	16 41 34.9
JYAR	Yonezawaaracadi	1.29	295	A	A	16 41 34.5
JHYU	Hitachinakayama	1.32	219	A	A	16 41 33.7
JOFU	Osakifurukawao	1.35	336	A	A	16 41 35.6
JSB	Shibuo	1.42	254	A	A	16 41 35.6
KMT	Kenenuamatotsy	1.44	355	A	A	16 41 37.0
JYS	Shirataka	1.50	305	iP	Pb	16 41 38.6 -0.6
JYS	Shirataka	1.50	305	Sg	Sg	16 41 58.8 -1.2
JYS	Shirataka	1.50	305	A	A	16 41 38.6
JFY	Yanaizu	1.53	272	iP	Pn	16 41 38.3 -0.2
JFY	Yanaizu	1.53	272	S	Sb	16 41 57.8 -0.3
JFY	Yanaizu	1.53	272	A	A	16 41 38.3
JMF	Ichinoseki	1.61	349	A	A	16 41 39.5
JYT	Yasato	1.62	226	A	A	16 41 38.1
JIHU	Itakohorinouch	1.66	212	A	A	16 41 38.5
OFUJ	Ofunato	1.70	1	A	A	16 41 40.8
CHOSI	Choshi	1.70	200	A	A	16 41 40.1
JYK	Kaneyama	1.83	328	A	A	16 41 42.7
JNS	Sasagawa	1.86	264	A	A	16 41 42.9
JYA	Atsumi	1.94	309	A	A	16 41 44.0
JSMT	Sammumatsuo	1.97	209	A	A	16 41 43.0
JAG	Ashikaga	1.98	242	A	A	16 41 43.6
JUON	Uonuma	2.05	266	A	A	16 41 45.0
JOM	Ohasama	2.11	353	A	A	16 41 46.7
JYJZ	Yamagatayuta	2.11	321	A	A	16 41 46.6
JRG	Rokugo	2.17	300	A	A	16 41 47.5
JAW	Awa shima	2.17	301	A	A	16 41 47.2
MIYJ	Miyakonagasawa	2.21	4	A	A	16 41 48.0
TOK	Tokyo	2.26	222	A	A	16 41 47.4
JCN	Nagara	2.26	211	A	A	16 41 47.2
I30JP	ISUMI INFRASON	2.32	208	Pn	Pb	16 41 53.4 +0.2
JIZZ	Izumozaki	2.32	275	A	A	16 41 49.1
JHU	Hanno	2.42	232	A	A	16 41 49.7
JSZI	Iwateshizukuis	2.42	348	A	A	16 41 51.6
JWU	Yuwa	2.43	333	A	A	16 41 51.4
JTB	Tobi-shima	2.44	319	A	A	16 41 51.4
JKUC	Kamogawachiu	2.45	208	A	A	16 41 50.5
JGK	Kuni	2.52	252	A	A	16 41 51.5
JTH	Tanohata	2.57	4	A	A	16 41 53.2
JRY	Ryogami san	2.57	239	A	A	16 41 52.0
JKZ	Kuzumaki	2.62	355	A	A	16 41 54.0
JSGW	Sagamiharawaka	2.63	228	A	A	16 41 52.7
JYO	Yokosok	2.67	217	A	A	16 41 53.0
TATJ	Tateyama 2	2.73	211	A	A	16 41 53.9
JSD	Sado	2.75	285	Pn	Pn	16 41 54.7 -0.5
JSD	Sado	2.75	285	Pn	Pn	16 41 56.2 +1.0
JSD	Sado	2.75	285	A	A	16 41 55.4
JJN	Nakama	2.77	265	A	A	16 41 55.5
JKEN	Kujedanmarisaw	2.83	1	A	A	16 41 57.0
MJAR	Matsushiro Arr	2.86	254	Pn	Pn	16 41 57.1 +0.3
MJAR	Matsushiro Arr	2.86	254	Sb	Sb	16 42 35.1 -2.1
MJAR	Matsushiro Arr	2.86	254	LR	LR	16 42 55.1

MAJO	Matsushiro	2.86	254	Pn	Pn	16 41 57.1 +0.3
MAJO	Matsushiro	2.86	254	Pn	Pn	16 41 58.7 +1.9
MAJO	Matsushiro	2.86	254	Pn	Pn	16 41 57.3 +0.5
JAH	Hinai	2.92	345	A	A	16 41 58.2
JND	Nodowa 2	2.94	242	A	A	16 41 57.0
JNG	Nsakai	2.98	252	A	A	16 41 58.1
JANG	Nango	3.00	358	A	A	16 41 59.4
JNTW	Noshirotokiwa	3.11	339	A	A	16 42 00.9
JNT	Takato	3.19	243	A	A	16 42 00.8
JIM2	Oshima 3	3.19	214	A	A	16 42 00.5
JJHTM	Izuhatsuma	3.21	222	A	A	16 42 00.8
JFJFN	Fujinakano	3.22	228	A	A	16 42 01.1
JOG3	Oga3	3.23	323	A	A	16 41 58.1
JSZ	Suzu	3.39	273	A	A	16 42 04.3
JJTHY	Toshimigashiki	3.42	214	A	A	16 42 03.7
JHHS	Hirosakiyaku	3.42	349	A	A	16 42 05.3
JTM	Tennabayashi	3.44	353	Pn	Pn	16 42 05.3 +0.6
JTM	Tennabayashi	3.44	353	P	P	16 42 05.7
JTM	Tennabayashi	3.44	353	A	A	16 42 05.7
JJW	Iwasaki	3.45	339	A	A	16 42 05.8
JJZS	Izushimaoda	3.46	221	A	A	16 42 04.5
JTT	Ttata	3.52	259	A	A	16 42 05.8
JNJO	Nijimaohara	3.56	213	A	A	16 42 05.8
SHZ3	Shizuka 3	3.59	231	A	A	16 42 06.5
JKSK	Shikineijamit	3.61	214	A	A	16 42 06.5
JARK	Aomoriokasho	3.63	357	A	A	16 42 08.3
JNY	Yasuok	3.64	238	A	A	16 42 07.2
JGN	Niikawa	3.64	253	A	A	16 42 07.5
JMYK	Miyake Tsubota	3.71	208	A	A	16 42 07.8
JHG	Hegura jima	3.76	279	A	A	16 42 09.7
JKO	Kozu shima	3.77	213	A	A	16 42 08.7
JJ2	Shiura 2	3.80	346	A	A	16 42 10.7
SKN	Mikurajimash	3.85	206	A	A	16 42 09.7
JGF	Kuroka	3.87	244	Pn	Pn	16 42 11.4 +0.8
JGF	Kuroka	3.87	244	P	P	16 42 10.5
JSG	Sagara	3.88	227	Pn	Pn	16 42 12.1 +1.3
JSG	Sagara	3.88	227	A	A	16 42 10.3
JJAH	Aomorihashid	3.89	357	A	A	16 42 12.0
JJH	Hakui	3.89	265	A	A	16 42 11.2
JKKS	Kakegawashimon	3.94	229	A	A	16 42 11.3
JOT	Ohta	4.03	354	A	A	16 42 13.9
HMMU	Hamamatsu 2	4.04	233	A	A	16 42 12.7
JAO	Obara	4.10	240	A	A	16 42 13.8
JSSY	Shinshirovake	4.14	235	A	A	16 42 14.2
INU	Inuyama	4.23	242	Pn	Pn	16 42 16.3 +0.7
INSR	Inuyama	4.23	242	Pn	Pn	16 42 17.0 +1.4
JNR	Shiruchi	4.25	348	A	A	16 42 17.1
JYTA	Yamagatayuta	4.32	247	A	A	16 42 16.9
JOMM	Oshimamatsumae	4.33	344	A	A	16 42 18.1
JJCN	Ichinomiyachia	4.38	243	A	A	16 42 17.6
JKC	Kaga	4.46	274	A	A	16 42 18.0
JHJ2	Mitsune	4.50	200	Pn	Pn	16 42 18.7 -0.6
JHJ2	Mitsune	4.50	200	Pn	Pn	16 42 18.9 -0.5
JHJ2	Mitsune	4.50	200	A	A	16 42 18.9
JHJ	Hachioji jima 2	4.50	200	Pn	Pn	16 42 18.1 -1.2
JHJ	Hachioji jima 2	4.50	200	Sn	Sn	16 43 08.3 -3.2
JHJ	Hachioji jima 2	4.50	200	LR	LR	16 44 22.5
JKB	Kayaba 3	4.53	354	A	A	16 42 21.0
JHCJ	Hachiojiimakas	4.54	200	A	A	16 42 19.4
JAA	Atsumi	4.55	234	A	A	16 42 19.9
JEG	Eigenji	4.78	244	A	A	16 42 23.4
ERM	Erimo	4.78	14	Pn	Pn	16 42 22.4 -0.8
ERM	Erimo	4.78	14	P	P	16 42 23.1 +1.0
ERM	Erimo	4.78	14	P	P	16 42 23.9 +0.7
JEM	Erimo	4.79	14	P	Pn	16 42 24.2 +1.0
JEM	Erimo	4.79	14	A	A	16 42 24.5
JYM2	Yakumo 2	4.83	349	A	A	16 42 25.4
JNB	Nihama	4.91	250	A	A	16 42 25.1
JFKM	Fukushima	4.92	14	A	A	16 42 27.2
JIE	Ise	4.98	235	A	A	16 42 25.9
JOSM	Okushiri-Mats	4.99	341	A	A	16 42 27.4
JSHD	Hidakashinidia	5.07	7	A	A	16 42 28.5
JTHR	Tokachiroo	5.08	14	A	A	16 42 28.5
JNB	Noboribetsu	5.11	355	A	A	16 42 29.1
JAOM	Aogashimamatsui	5.13	199	A	A	16 42 27.6
JHST	Hiyamasatena	5.22	346	A	A	16 42 30.6
JIAM	Iburiatsuma	5.25	2	A	A	16 42 31.0

19d 16h

Table with columns for station ID, name, coordinates, and other details. Includes stations like M24K Tolsona, Glenn, SOEI Soe, HNR Honiara, etc.

2016 DEC

Table with columns for station ID, name, coordinates, and other details. Includes stations like ISLE Juniper Island, BARN Barnard Glacier, BVCY Beaver Creek, etc.

1446

Table with columns for station ID, name, coordinates, and other details. Includes stations like ARU comp=Z,154nm,1.2s, ARU comp=Z,829nm,21.0s, S32K Kilihi, etc.

19d 16h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SFJD, Kangerlussuaq, and various repeaters.

2016 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like TLR, TUQ, BNN, BBRC, and various repeaters.

1448

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ABAH, Abaujker, YUH, and various repeaters.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRAC, JMB, S1RRA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARSA, MOA, MMB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SQTA, I37A, I37B, etc.

19d 16h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ANAMOSA, NORCIA, SUTTONS BAY, etc.

2016 DEC

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

1450

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CORONEL FONTAN, PACTO, PARASO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like PMG, WRA, ASAR, H11S1, H11S2, H11S1, TORD.

Station data and coordinates for stations like WRA, ASAR, H11S1, H11S2, H11S1, TORD. Includes coordinates and station names.

Triangular-rate function. Station data for WRA, ASAR, H11S1, H11S2, H11S1, TORD.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like PAC1, PULU, CUSE, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like ROSC, CRIN, ATAH, SDV, SDV, SDV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like PB12, PB16, PB11, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like CCM, Q51A, CFA, etc.

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like ESDC, TORD, QSPA, SHEM, MKAR, ASAR, PZH.

Station data and coordinates for stations like ESDC, TORD, QSPA, SHEM, MKAR, ASAR, PZH. Includes coordinates and station names.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like DZM, WRA, ASAR, H11S1, H11S2, H11S1, CMAR, SONM, MKAR, ZALV, QSPA, TORD, etc.

19d 17h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CTAO Charters Tower, PMG Port Moresby, AS31 Alice Springs, WR0 Warramunga Arr, etc.

MSC 19 17:20:56.5:3.0, 4.43S, 153.61E, h99km, 21km, mb3.7/11, mbmp3.6/13, ML3.2/2, Error ellipse: s-maj=30.9km s-min=16.2km az=89.0

NEIC 19 17:20:57.9:1.2, 4.3S, 153.51E, h109km, 12km, mb4.5/13, Error ellipse: s-maj=27.9km s-min=15.6km az=184.0

ISC 19 17:20:56.6:0.7, 4.43S, 153.51E, h100km, n31, e153.33/34, mb4.1/17, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like H1B1 Rabaul, KRVT Kaviaru (AS076), PMG Port Moresby, etc.

SKHL 19 17:21:56.5:0.2, 4.47N, 148.80E, h136km, 6km, mb4.6/2,

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, NEM Nemuro 2, etc.

MSC 19 17:21:56.6:1.6, 4.51N, 148.80E, h132km, mb4.1/1, Error ellipse: s-maj=20.2km s-min=15.1km az=143.1

ISC 19 17:21:57.6:3.7, 4.51N, 148.80E, h97km, 42km, mb3.5/11, mbmp3.9/12, Error ellipse: s-maj=71.8km s-min=21.3km az=171.0

JMA 19 17:20:00.7:0.8, 4.47N, 148.80E, h125km, MV3.5/13, SE OFF ETOWASU

ISC 19 17:21:55.5:1.2, 4.46N, 148.80E, h124km, 8km, n45, e155.52, mb3.6/11, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, NEM Nemuro 2, etc.

ISC 19 17:33:43.0:1.5, 29.40N, 50.67E, h0km, mb3.6/11, mbmp3.6/13, ML3.2/2, Error ellipse: s-maj=30.5km s-min=25.0km az=166.0

TEH 19 17:33:47.0:2.9, 29.14N, 50.93E, h11km, ML3.6 DSN 19 17:33:49.1:2.9, 29.14N, 50.93E, h10km, ML3.4/6, Error ellipse: s-maj=45.3km s-min=29.4km az=2.0

1452

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like IBRJ, AMIS Nafit Sefid, IRAM Ramesheh, SHK1 Shahrekord, etc.

NEIC 19 17:34:45.6:1.8, 29.56N, 05.50E, h10km, 1km, mb4.0/9, mbmp4.0/9, ML3.5/5, Error ellipse: s-maj=15.1km s-min=7.4km az=256.0

ISC 19 17:34:45.2:1.4, 29.55N, 50.80E, h0km, mb4.0/13, mbmp4.0/19, ML3.5/6, Error ellipse: s-maj=28.5km s-min=17.7km az=172.0

TEH 19 17:34:48.6, 29.53N, 50.93E, h18km, ML3.7 OMAN 19 17:34:54.0:1.0, 29.42N, 51.32E, h30km, mb5.0/10, Error ellipse: s-maj=1.9km s-min=1.3km az=42.0

ISC 19 17:34:48.2:0.5, 29.51N, 50.91E, h24km, n77, e2911/98, mb4.1/15, Southern Iran

SKHL 19 17:34:45.6:1.8, 29.56N, 05.50E, h10km, 1km, mb4.0/9, mbmp4.0/9, ML3.5/5, Error ellipse: s-maj=15.1km s-min=7.4km az=256.0

19d 19h

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

2016 DEC

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

1454

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

1455

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like MA2, TAOE, BRDH, etc.

2016 DEC

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like NIL, CHMS, UCH, etc.

19d 19h

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like OKC, Ostrava-Krasne, etc.

19d 19h

Table of astronomical data for 19d 19h, listing various celestial objects like CTAO, KOUNC, EIDS, QIS, DZM, etc., with their coordinates and other parameters.

2016 DEC

Table of astronomical data for 2016 DEC, listing various celestial objects like PZH, XLT, XLT, XLT, etc., with their coordinates and other parameters.

1456

Table of astronomical data for 1456, listing various celestial objects like EADA, EADA, EADA, etc., with their coordinates and other parameters.

19D 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BLEU, BJUU, DEL, FABU.

IDC 19:20:10.2:2.3:9.2, 20.05S:169.06E, h0km, mb3.6, 2.0, mbtmp3.6/3, ML3.6/1, Error ellipse: s-maj=171.5km s-min=28.5km az=136.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include DZM, ASAR, ILAR, GERES.

IDC 19:20:10:46.9:2.7, 10.72S:161.90E, h0km, mb3.9/4, mbtmp4.1/7, ML3.4/2, MS3.5/5, Error ellipse: s-maj=56.8km s-min=36.9km az=120.0

ISC 19:20:10:55.8:1.7, 10.65S:161.66E:0.2, h50km, n10, r105f8, mb3.7/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include HNR, KRV, PMG, CTA, WRA, STKA, ASAR, CMAR, SONM, MKAR.

IDC 19:20:23:09.2:1.5, 5.75S:0.1:152.2E:0.2, h45km, n8, r0591/10, mb3.6/5, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KRV, PMG, WRA, ASAR, SONM, MKAR, ILAR, TORD.

IDC 19:20:29:34.5:6.0, 5.61S:154.25E, h114km, 38km, mb3.1/5, mbtmp3.6/7, Error ellipse: s-maj=59.3km s-min=19.7km az=97.0

ISC 19:20:29:32.4:1.6, 5.65S:0.1:154.4E:0.2, h100km, n7, r1521/9, mb3.3/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KRV, PMG, WRA, ASAR, CMAR, SONM, MKAR.

NEIC 19:20:33:25.5:1.5, 36.61N:0.0:121.33W:0.02, h15km, 2km, Error ellipse: s-maj=2.3km s-min=1.0km az=124.0

NCEDC 19:20:35:25.9:2.0, 36.85N:0.0:121.27W:0.01, h30km, 4km, ML3.0, ML2.7/7R(3C), Error ellipse: s-maj=2.1km s-min=1.7km az=202.0, Central California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BLRM, BJOM, BHRM, BSLM, BJCM, BVYM, SAO, BBGB, FRP, BBNM, BSGM, HSFM, BPCNC, BHTM, BSMN, LRV, ANZ, HFEM.

2016 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include HTUM, HAST, PACP, BMSM, GRIMM, HPCM, CDC, SLD, GHS, JELB, ALMAD, PCCM, PMPB, BPOM, CADM, JLAB, AMC, CCOB, PJUM, CPMF, PPTM, ARN, PAMP, MHC, PDRM, PSMH, PHBS, JBAN, COSM, PHPM, PWSM, JSGM, CALM, PAMO, PKD, JSCM, PVMC, JSJM, ARN, PSTM, PHCM, MYLM, PWKM, JSFB, ARN, PWHM, CTM, RAMR, CVLM, JRSC, PHAM, CNIC, GHC, PKEM, PCBM, KCD, PKL, TCAS, MHDH, CBSN, ARDC, CMOB, TRAM, MBUM, EFD, TSCS, WMM, BKBS, VPCD, DPD, DCB, CMB, SMMC, CVS, MOCM, MOCM, MDPB, MDPB, OMMB, OMMB, MMLB, MCMV, SCHCA, MTUM, BCW, AFDM, MGRN, ISA, EMB, EMB, EMB, LHV, HOPS, HOPS, DSP, DSP, DSP, PNTR, MPK, YERR, YERR, ORV, VCNR, VCNR, VCNR, RYN, RYN, RYN, NVAR, LCH, LCH, LCH, CCAC, CCAC, NV11, GRAC, GRAC, GMM, GMM, GMM, MZP, BEKA, KVN, KVN, KVN, TPH, TQH, QSM.

1458

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include QSM, WCT, GWY, GWY, GSC, GSC, GSC, TPNV, TPNV, TPNV, ELN, ELN, ELN, R11A, R11A, R11A, H06E1, H06E1, H06E1, H06N1, H06N1, H06N1, H06S1, H06S1, LPIG, TXAR, TXAR, CMIG, CMIG, ANFO, ANFO, NVAR, ELK, ELK, PDAR, PDAR, YBH, YKA, ILAR, H03N2, H03N1, H03N3.

SNET 19:20:44:05.0:1.4, 12.27N:87.75W, h24km, 999km, ML3.4 INET 19:20:44:08.5:1.3, 12.51N:87.72W, h15km, 9km, MW3.4

ISC 19:20:44:08.4:1.7, 12.54N:108.872W:0.06, h71km, 20km, n21, r0569/27, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CRIN, TELN, CNGN, BLML, LCV, MOMM, MOMM, TISA, TIEN, TIEN, WILN, TGUH, TGUH, LFRS, LFRS, LFRS, BOQS, BOQS, BOQS, SBLN, SNJE, SNJE, RTR, HZTE.

MOS 19:20:44:35.9:0.9, 10.09N:125.67E, h42km, mb5.8/89, MS4.3/6, Error ellipse: s-maj=7.6km s-min=3.7km az=116.6

BUI 19:20:44:38.0:0.0, 9.67N:125.96E, h100km, mb5.1/86, mb5.2/63

NEIC 19:20:44:0.1:2.4, 10.20N:108.125E:0.04, h57km, 1km, mb5.5/271, MW5.4/13, Error ellipse: s-maj=11.5km s-min=5.7km az=152.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=0.53; Mw=0.22; M0=0.31; M0.34; M0=0.20; M0=1.60; Fault plane solution: M1: 71000x1017 Np1: 346.63000; 882.11000; 1.84.62000; NP2: 132.16000; 89.54000; 1.124.00000; Principal axes: T: 1.6389, P: 3.0000, Azm: 72.0000; N: 0.1410, P: 3.0000; Azm: 166.0000; P: 1.7800, P: 3.0000; Azm: 63.0000; Azm: 63.0000; MAN 19:20:44:40.4, 10.24N:125.93E, h41km, mb5.9, ML4.9, MS5.4, MAN INTENSITY V. SAN BENITO SURIGAO DEL NORTE; INTENSITY IV. SANTA MONICA BURGOS DAPA SORCORRO PILAR TAGANANA GEN. LUNA ALEGRIA BACUAG & SISON SURIGAO DEL NORTE; DINAGAT & LORETO DINAGAT ISLANDS; SURIGAO CITY; MAYORGA LEYTE; SAN JUAN PINTUYAN

HINUNGAU SOUTHERN LEYTE; INTENSITY III-CLAVER & TUBOD SURIGAO DEL NORTE CAGAYAN DE ORO CITY; BUTUAN CITY; PALO LEYTE; INTENSITY I - GINGOOG MISAMIS ORIENTAL; MAMBABAJAO CAMIGUIN.

DJA 19:20:44:40.4, 10.17N, 125.12E, h59km, 3km, M5.3/91, mb5.4/91, mB5.8/73, MLV5.9/1, Mw(mB)5.3/73, MwMwp5.2/37, Mwp5.5/37

ISC 19:20:44:40.2, 10.17N, 125.12E, h67km, 3km, mb5.1/30, mbmp5.3/34, MS4.3/71, Error ellipse: s-maj=13.8km s-min=7.6km az=77.0

ISC-EH 19:20:44:40.8, 10.19N, 125.75E, h68km, Error ellipse: s-maj=1.9km s-min=1.6km az=90.0

KLM 19:20:44:41, 10.18N, 126.32E, h96km, mb5.6, GMCT 19:20:44:43.1, 10.17N, 126.01E, h72km, 1km, MW5.4/138, Moment Tensor Solution. s131, c220, s138, c244; Duration: 1s3 Moment tensor: Scale 10^17 Nm; Mw: 0.10±.02; Mb: 0.14±.02; Mw: 0.23±.02; Mw: 0.65±.01; Mb: 0.11±.02; Mw: 1.56±.02; Best double couple: M: 1.70600E+17 N1: 158.00000°, 88.00000°, 7.83.00000°; NP2: 5.550000°, 67.00000°, 1.67.00000°

Principal axes: T 1.7030, P1g46.0000°, Azm60.0000°; N 0.0070, P1g7.0000°, Azm158.0000°; P -1.7090, P1g43.0000°, Azm1.0000°; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

ISC 19:20:44:40.5, 10.13N, 125.86E, 0.73h, 1km, h71km; pP-P, n1372, e173/1575, mb5.5/318, 74C-95D, Leyte

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like SCPH Surigao, MSLP Maasin, TABP Talibon, Bohol, etc.

Table with columns: KAPI, Kappang, Kappang, Quanzhou, etc. Lists stations and their coordinates and magnitudes.

Table with columns: JNU, Nakusue, JNU, Nakusue, etc. Lists stations and their coordinates and magnitudes.

19d 20h

Table with columns for station call signs (e.g., KSRS, KS19, CM31), frequencies, and signal quality metrics (e.g., S/P, SNR, Az, El).

2016 DEC

Table with columns for station call signs (e.g., KRVT, SUJ, SUJ, SUJ), frequencies, and signal quality metrics (e.g., S/P, SNR, Az, El).

1460

Table with columns for station call signs (e.g., MDJ, MDJ, MDJ), frequencies, and signal quality metrics (e.g., S/P, SNR, Az, El).

19d 20h

Table with columns: SEY, SEY, 19d 20h, 56.05, 14, i, P, P, 20 54 14.4 +2.6, UOSS, Masafi, 67.45 293, P, P, 20 55 45.0 -2.9, CHIR, Chirikof Islan, 75.23 35, P, P, 20 56 16.3 +0.8

2016 DEC

Table with columns: UOSS, Masafi, 67.45 293, P, P, 20 55 45.0 -2.9, CHIR, Chirikof Islan, 75.23 35, P, P, 20 56 16.3 +0.8

1462

Table with columns: CHIR, Chirikof Islan, 75.23 35, P, P, 20 56 16.3 +0.8, G17K, Contact Creek, 75.26 32, P, P, 20 56 16.1 +0.3

19d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ANIL Santa Ana, ORTC Ortega, URIC Uribia, YOTC Yotoco, PIZC Pizarro, GUVG San Jose del G, MALC Bahia Malaga, GARC Garzon, FLOC Florencia, BCIP Isla Barro Col, GCUF Volcan Galeras, TULM Tulcan-Chalpat, PACI Pacto, PCRV Puerto La Cruz, PCRV Volcan Galeras, PULU Putalaha, BRUZ Putalaha, PORT Chimborazo Vol, MTJD Mount Denham, GRGR Grenville, GTBY Guantunamo Bay, GCPN Guaynabito City, CBYP Canovanos, GCVI St. Croix, MCRA Macar, LOJA Macar, BOAV Boa Vista, BOAV Boa Vista, ATAH Atahualpa, MACA Manacapurum-AM, MTO3 Montecristo, ETMB Extrema, PAYG Puerto Ayora, MDP Montages de, ITTB Itaituba, WALB Monte Alegre, MCPB Macapa, AIP, NPGB Novo Progresso, VILB Vilhena, LPAZ La Paz, LPAZ La Paz, PDRB Ponta dos Gas, CLDB Colider, PB16 IPOC Station P, PB16 IPOC Station P, MNMC Mirnye Miney, PTLB Pontes e Lacer, PRPB Parauapebas, GO01 Chuzmiza, BBSD Serra de San D, PB01 IPOC Station P, SNDB Serra Nova Dou, SMTB Santa Maria do, PFBP Ponte de Pedra, ROSB Rosrio, ARAG Araguaiana, MT 3145 137 P, WHAR Woolly Hollow, AODB Aquidauana, FCAR Ozark Folk Cen, FCAR Cathedral Cave, BDFB Brasilia, CCM Cathedral Cave, SDBA SAO DESIDERIO, SFIN Lafayette, AMBA Amambai, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TX31 Lajitas Ar. Si, TX31 Lajitas Array, TX32 Lajitas Array, LCO Las Campanas, JANAB January, LBHN Lisbon, MCR1 Marechal Candi, CPUP Vila Florida, G62A West of Eustis, PTGB Pitangui, MNTX Cornudas Mount, FRTB Fartura, LMN Caledonia Moun, E62A Clayton Lake, E62A Clayton Lake, D62A Allapoint, All, BATG Bathurst New B, BATG Bathurst New B, ITQB Itaqui

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUA01 Guaratinga, SJMB Sao Joao De Ma, ALGR Alto Alegre, RIB01 Linhares, ALF01 Guarapari-ES, ULM Lac du Bonnet, ULM Lac du Bonnet, PDAR Pinedale Array, SCHO Schefferville, SCHO Schefferville, PLCA Paso Flores, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA M30M Minto, YKA M30M Minto, TORO Torodi Ar. Bea, BMAR Burnt Mountain, ILAR Eielson Array, BPAW Bear Paw Mtn, BPAW Bear Paw Mtn, PPLA Purkeypile, PPLA Purkeypile, SVWZ Sparrevohn, SVWZ Sparrevohn, NB2 NORSAR Subarra, NB2 NORSAR Subarra, NOA NORSAR Array B, NOA NORSAR Array B, ARCES ARCESS Array B, ARCES ARCESS Array B, FINES FINESS Array B, FINES FINESS Array B, MKAR Makanchi Array, MKAR Makanchi Array, SONM Songino Array, SONM Songino Array, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, CMAR Chiamai Al, CMAR Chiamai Al, IDC 19 21:10:01.2,5,3,36,27N:71.10E, h200km,25km, mb3,3/9, mbtmp3.8/15, Error ellipse: s-maj=39.8km s-min=17.1km, NNC 19 21:10:14.5,15.0,3.7,36N:70.97E, h0km, mb3.7, mpv3.5, Error ellipse: s-maj=136.1km s-min=107.1km az=137.0, ISC 19 21:10:03.1,0.8,36.59N:0.08:70.96E:0.07, h200km,n32, r186/31,mb3.4/8,2D,Hindu Kush region, AML Almayashu, UCH Uchter, EK32 Erkin-Say, EK31 Karatay Array, KK31 Aktubinsk, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, USP Ospanovka, GEYT Alibek, GEYT Alibek, MKAR Makanchi Array, DANN Dangsing, KOLN Koldanda, AL31 Akbulak array, KURBB Kurchatov Arr, PKI Pulchoki, PKI Pulchoki, GUN Gumba, JIRN Jirni, RAMN Ramite, BVAR Borovoye Array, AKTO Aktyubinsk, AKTO Aktyubinsk, ZALV Zalesovo Beam, SONM Songino Array, FINES FINESS Array B, ARCES ARCESS Array B, NOA NORSAR Array B, TORO Torodi Ar. Bea, INK Inuvik, ILAR Eielson Array, YKA Yellowknife Ar, IDC 19 21:13:09.1,5,0,4.52S:153.64E, h113km,31km, mb3,4/5, mbtmp3.9/6, Error ellipse: s-maj=53.1km s-min=20.2km

1466

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like az=97.0, NEIC 19 21:13:09.8,1,2,4.5S:0.1:153.6E:0.1, h112km,9km, mb4.4/14, Error ellipse: s-maj=17.9km s-min=15.7km, az=188.0, ISC 19 21:13:07.2,1,0,4.53S:0.09:153.8E:0.1, h100km,n26, r0596/29,mb4.1/13, New Ireland region, RABL Rabaul, RABL Rabaul, KRVT Keravat (AS076), KRVT Keravat (AS076), PMG Port Moresby, PMG Port Moresby, PMG Warrungarra Arr, PMG Warrungarra Arr, COEN Coen, COEN Coen, WB0 Warrungarra Arr, WB0 Warrungarra Arr, WR0 Warrungarra Arr, WR0 Warrungarra Arr, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warrungarra Arr, WB2 Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, ARMA Armidale, ARMA Armidale, ARMA Armidale, KNRA Kununurra, KNRA Kununurra, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, FORT Forrest, FORT Forrest, FORT Forrest, MBWA Marble Bar, MBWA Marble Bar, MORW Morawa, MORW Morawa, MORW Morawa, PET Petropavlovsk, CMAR Chiamai Al, CMAR Chiamai Al, SONM Songino Array, SONM Songino Array, MK31 Makanchi Array, MKAR Makanchi Array, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, IDC 19 21:18:30.4,1,7,14.62N:90.82W, h83km,13km, mb4,2/27, mbtmp4.5/28, MS3,0/10, Error ellipse: s-maj=22.2km, az=53.0, ISC-EH 19 21:18:31.7,14.37N:91.32W, h98km,1km, Error ellipse: s-maj=4.1km s-min=1.8km az=49.0, SNET 19 21:18:31.8,4.5,14.40N:91.29W, h115km,ML4.9, NEIC 19 21:18:32.1,2.8,14.36N:90.72E:0.07, h90km,6km, mb4.9/15, Md4.5/16(MEX), Md4.9(SNET), Error ellipse: s-maj=12.6km s-min=7.0km az=216.0, GCG 19 21:18:35.2,0.5,14.43N:91.39W, h61km,26km, MD4.5, ISC 19 21:18:30.8,0.4,14.33N:0.05:91.43W:0.04, h92km,3km, h92km,n26, r186/31,mb3.4/8,2D,Hindu Kush region, Guatemala, SULM Suchitepequez, RTAL Retalhuleu, RTAL Retalhuleu, RTAL Retalhuleu, FUG Fuego 3, PCG Pacya, HUEH Huehuetenango, HUEH Huehuetenango, THIG THIG, THIG THIG, NBG Las Nubes, SLOZ Alcala de Sa, SLOZ Alcala de Sa, SBLN San Blas, CEVE Cerro Verde, CEVE Cerro Verde, SNJE San Jose, MTO3 Montecristo, ESQJ Esquipulas, ESQJ Esquipulas, CEDA San Andres, CCIG Comitán, BOQS Boqueron, PCIG PCIG, UNES Universidad Ev, UNES Serv Nac Est T, SNET Serv Nac Est T, LFU La Fuente, LBRS Las Brisas, SJTE Alcaldia de S, SJTE Alcaldia de S, TECO Alcaldia de Te, SCLA Alcaldia de Sa, TGIG TGIG, TGIG TGIG, PETF Flores, PETF Flores, LCND La Caida, TGHU Teziguilpa Un, CMIG Matias Romero, CMIG Matias Romero, CMIG Matias Romero, CRIN San Cristobal, HUIG Huatulo, CNGN Cerro Negro, MATN Matagalpa, EOBZ ACO BROADBAND, PEZE Perez Zeledon, TEIG Tepich, TEIG Tepich, HZTE Horizontes, GUNO Ortega, Santa, DUNO Dulce Nombre, JFNS Las Esperanzas, JFNS Las Juntas de, TLIG Tiapa, JACO JACO, Garabito, HADO Heredia, RIMA Rio Macho, RIMA Rio Macho, PEZE Perez Zeledon, SRBA San Rafael, BRU2 Volcan, MOIG Morelia, SOR Soroa, MNTJ Mount Denham, KVTV Kinseyville, 061Z Chopoppi, 833A Chaparral WMA, 833A Chaparral WMA

GTBY	Quantanamo Bay	16.56	68	P	P	21	22	18.1	-0.5
DWPF	Disney Wildern	16.57	33	P	P	21	22	18.4	-0.1
DWPF	Disney Wildern	16.57	33	P	P	21	22	18.6	+0.1
342A	Flagon Creek P	16.99	357	P	P	21	22	24.5	+1.4
344A	Westbrook Farm	17.06	2	P	Pn	21	22	25.6	+1.7
346A	Big Creek Wild	17.07	6	P	Pn	21	22	23.1	-0.7
BRAL	Brewton	17.24	13	P	P	21	22	27.3	+1.4
BRAL	Brewton	17.24	13	P	P	21	22	28.2	+2.3
435B	Jarrell	17.33	342	P	Pn	21	22	26.9	0.0
435B	Jarrell	17.33	342	P	P	21	22	28.2	+1.3
CBCC	Cuadoc Bolivar	17.35	117	eP	P	21	22	28.9	+1.5
NATX	Nacogdoches	17.60	351	P	Pn	21	22	30.6	+0.5
NATX	Nacogdoches	17.60	351	P	Pn	21	22	31.4	+1.3
JCT	Junction City	17.82	336	P	Pn	21	22	33.5	+0.6
JCT	Junction City	17.82	336	P	P	21	22	34.9	+1.9
VBMS	Vicksburg	17.83	3	P	Pn	21	22	33.2	+0.3
VBMS	Vicksburg	17.83	3	P	Pn	21	22	34.9	+2.0
YOTO	Yotoco Valle	18.08	123	eP	Pn	21	22	37.1	+0.9
GUY2C	Guyana, Caldas	18.22	118	eP	P	21	22	38.5	+0.2
HPIG		18.27	316	eP	P	21	22	39.4	+2.0
PTBC	PUERTO BERRIO,	18.39	113	eP	Pn	21	22	39.6	-0.3
WHXT	Luke Whitney,	18.42	344	P	Pn	21	22	40.3	+0.2
NORC	Norcasia	18.48	116	eP	Pn	21	22	42.0	+1.0
TIGA	Tifton	18.49	22	P	Pn	21	22	41.2	+0.3
ANIL	Santa Ana	18.58	120	eP	Pn	21	22	43.5	+1.1
TXAR	Lajitas Array	18.73	325	P	P	21	22	45.5	+1.5
TXAR	Lajitas Array	18.73	325	P	P	21	27	0.7	+0.8
TXAR	Lajitas Array	18.73	325	P	ScP	21	30	37.2	+2.9
TXAR	Lajitas Array	18.73	325	P	Pn	21	22	44.7	+0.8
TXAR	Lajitas Array	18.73	325	P	P	21	27	0.8	+1.3
TX31	Lajitas Ar. Si	18.74	325	P	Pn	21	22	44.7	+0.8
TX31	Lajitas Array	18.74	325	P	P	21	27	0.8	+1.3
TX32	Lajitas Array	18.74	325	P	P	21	22	44.6	+0.6
TX32	Lajitas Array	18.74	325	P	P	21	27	0.8	+1.3
ORTC	Ortega, Tolima	19.03	121	eP	Pn	21	22	48.2	+0.8
LRAL	Lakeview Retre	19.05	11	P	Pn	21	22	47.9	+0.3
LRAL	Lakeview Retre	19.05	11	P	Pn	21	22	48.4	+0.8
IMBA	Imbabura, San	19.14	136	P	Pn	21	22	51.9	+2.7
ROSC	El Rosal	19.31	118	P	P	21	22	49.5	+0.3
ROSC	El Rosal	19.31	118	P	Pn	21	22	50.6	-0.6
ROSC	El Rosal	19.31	118	P	Pn	21	22	52.1	+0.9
BARC	Barichara	19.51	111	eP	P	21	22	49.9	-1.4
FW03	Perrin-Whitt E	19.58	343	P	P	21	22	52.4	+0.8
PAMC	Pampiona, Colo	19.66	109	eP	Pn	21	22	51.0	-2.1
ABTX	Ahliene, Hawie	19.69	339	P	Pn	21	22	54.4	-0.7
RUSC	La Rusia	19.90	113	P	P	21	22	55.0	-0.7
CHIC	Chingaza	19.93	117	eP	P	21	22	56.7	+0.8
PORT	Chimborazo Vol	20.09	140	P	Pn	21	23	00.5	0.0
FLOC	Florencia	20.09	128	eP	P	21	22	58.7	-1.2
OXF	Oxford	20.18	5	P	P	21	22	57.2	-0.8
OXF	Oxford	20.18	5	P	P	21	22	58.7	+0.6
VILC	Villavicencio,	20.22	118	eP	P	21	22	58.7	-0.1
MIAR	Mount Ida	20.22	355	P	P	21	22	58.5	+0.1
MIAR	Mount Ida	20.22	355	P	P	21	22	59.1	+0.6
UALR	University of	21	23	00.5	+0.3				
SC01	Santiago de lo	20.45	73	P	Pn	21	23	03.1	-0.9
A37A	Clayton	20.48	351	P	P	21	23	02.0	+0.6
COHC	Cochaneay	20.59	142	P	P	21	23	03.8	+1.1
PLAW	Pickwick Lake	21.07	8	P	P	21	23	03.3	-1.0
SDV	Santo Domingo	21.07	103	P	P	21	23	06.1	-2.0
SDV	Santo Domingo	21.07	103	P	P	21	27	11.5	+0.1
SDV	Santo Domingo	21.07	103	P	P	21	31	10.6	
HBAR	Harrisburg	21.15	2	P	P	21	23	08.6	+0.2
MACC	Macarena, Meta	21.17	123	eP	P	21	23	09.2	+0.3
NHSC	New Hope	21.32	27	P	P	21	23	12.5	+2.3
WMOK	Wichita Moun	21.38	343	P	P	21	23	10.6	-0.3
SWET	Seawate	21.38	12	P	P	21	23	11.3	+0.3
HODGE	Hodges	21.48	21	P	P	21	23	12.9	+0.9
MNTX	Cornudas Mount	21.49	326	P	P	21	23	13.6	+1.3
W52A	Murphy	21.75	17	P	P	21	23	15.8	+0.8
TUL1	Leonard	21.84	350	P	P	21	23	15.5	-0.3
WWT	Waverly	21.95	8	P	P	21	23	16.3	-0.7
WWT	Waverly	21.95	8	P	P	21	23	17.0	+0.1
HAR	Hobbs	21.98	355	P	P	21	23	16.5	-0.7
MSTX	Muleshoe	22.09	334	P	P	21	23	18.5	-0.1
PAULI	Pauline	22.17	21	P	P	21	23	19.8	+0.4
TKL	Tuckaleechee C	22.32	17	P	P	21	23	21.9	+0.9
TKL	Tuckaleechee C	22.32	17	P	P	21	33	05.7	
TKL	Tuckaleechee C	22.32	17	P	P	21	23	21.3	+0.3
TKL	Tuckaleechee C	22.32	17	P	P	21	23	22.5	0.0
OK044	Pawnee Station	22.47	349	P	P	21	23	22.0	-0.5
V52A	Sevierville	22.55	17	P	P	21	23	23.1	-0.2
V53A	Saluda	22.62	19	P	P	21	23	24.8	+0.7
KM5C	Kings Mountain	22.63	22	P	P	21	23	24.4	+0.2
KM5C	Kings Mountain	22.63	22	P	P	21	23	24.9	+0.7
CGM3	Cape Girardeau	22.93	4	P	P	21	23	26.1	-1.0
TZTN	Tazewell	23.22	16	P	P	21	23	29.8	-0.2
TZTN	Tazewell	23.22	16	P	P	21	23	30.2	+0.2
T50A	Nancy	23.35	13	P	P	21	23	30.5	-0.7
121A	Cookes Peak, D	23.47	323	P	P	21	23	33.7	+1.2
121A	Cookes Peak, D	23.47	323	P	P	21	23	34.8	+2.3
CCM	Cathedral Cave	23.63	0	P	P	21	23	33.3	-0.4
R40A	Maddies Statio	23.88	358	P	P	21	23	35.0	-0.9
CRNM	Carthage	23.95	327	P	P	21	23	38.0	+1.1
CNCC	Cliffs of the	24.13	28	P	P	21	23	38.6	+0.4
SLM	Saint Louis	24.23	2	P	P	21	23	39.0	-0.1
WCI	Wyandotte Cave	24.24	10	P	P	21	23	39.3	+0.2
SJG	San Juan	24.56	78	LR	LR	21	33	23.3	
Q44A	Meyer Farm, Va	24.57	5	P	P	21	23	41.6	-0.5
ANMO	Albuquerque	24.59	329	P	P	21	23	43.5	+0.9
ANMO	Albuquerque	24.59	329	P	P	21	23	44.6	+2.0
BLA	Blacksburg	24.81	21	P	P	21	23	44.6	+0.1
BLA	Blacksburg	24.81	21	P	P	21	23	45.3	+0.8
ATAH	Atahualpa	24.84	148	P	P	21	23	49.6	+3.4
ATAH	Atahualpa	24.84	148	P	P	21	27	21.4	+1.7
P40A	Paris	25.11	359	P	P	21	23	46.4	-0.6
TUC	Tucson	25.14	319	P	P	21	23	48.9	+1.3
TUC	Tucson	25.14	319	P	P	21	23	49.3	+1.8
P38A	Dawn	25.27	356	P	P	21	23	48.1	-0.3
CBKS	Cedar Bluff	25.47	345	P	P	21	23	53.9	+3.6
T25A	Trinidad	25.49	335	P	P	21	23	52.4	+1.6
T25A	Trinidad	25.49	335	P	P	21	23	52.7	+1.8
Q51A	Peebles	25.61	15	P	P	21	23	51.3	-0.3
P49A	Miami Univ. Ec	25.79	12	P	P	21	23	52.6	-0.6
O44A	Mansfield	25.86	5	P	Iamb	21	23	52.7	-1.1
O44A	Mansfield	25.86	5	P	Iamb	21	23	54.6	
R55A	Marlinton	25.88	21	Iamb	Iamb	21	24	37.2	
P51A	Williamsport	26.12	15	P	Iamb	21	23	54.7	-1.5
P51A	Williamsport	26.12	15	P	Iamb	21	24	21.6	
HDIL	Hopedale	26.20	4	P	P	21	23	57.1	+0.2
SF1N	Lafayette	26.23	8	P	P	21	23	55.6	-1.5
214A	Organ Pipe Nat	26.26	316	P	P	21	23	59.5	+1.9
O48B	Farmland	26.41	11	P	P	21	23	55.9	-2.9
SDCO	Great Sand Dun	26.46	334	P	P	21	24	00.5	+0.9
W18A	Petrified Fore	26.46	325	P	Iamb	21	24	01.2	+1.6
W18A	Petrified Fore	26.46	325	P	Iamb	21	24	02.2	
P52A	Corning	26.50	16	P	P	21	23	59.4	-0.2
P52A	Whipple	26.57	18	Iamb	Iamb	21	24	51.7	
ACSO	Alum Creek Sta	26.85	14	P	Iamb	21	24	02.3	-0.4
ACSO	Alum Creek Sta	26.85	14	P	Iamb	21	24	27.4	
ACSO	Alum Creek Sta	26.85	14	P	Iamb	21	24	02.5	-0.2
Q56A	Snyder Ridge,	26.88	21	Iamb	Iamb	21	24	32.9	
O52A	Adamsville	27.03	16	P	Iamb	21	24	04.4	0.0
O52A	Adamsville	27.03	16	P	Iamb	21	24	05.4	
S22A	4UR Ranch, Cre	27.04	332	P	P	21	24	05.5	+0.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WTP, CHY, TWK, CHN1, SGST, WSL, MASB, LAY, TSKC, LYUB, EAST, VVUC, SCZT, SLIU, XPS, PHUB, PHUB, WDG, SMST, PTMZ, KNMB, AXDP.

IDC 19 22:33:02.6:3.4,36:65N:71.51E,h82km,28km,mb3.4/8, mbmp3.9/13, Error ellipse: s-maj=29.1km s-min=18.8km

az=179.0 NNC 19 22:33:02.7:2.7,5,37:45N:70.88E,h0km,mb4.3,mpv3.4, Error ellipse: s-maj=62.1km s-min=45.1km az=158.0

ISC 19 22:33:02.9:0.6,36:70N:0.06:71.53E,0.06,h100km,n37, az=251/44,mb3.5/6,4C-1D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML, UCH, EKS2, AAK, AAK, AAK, CHMS, CHMS, CHMS, USP, GEYT, GEYT, MKAR, DANN, DANN, KOLN, KOLN, DMN, DMN, KURBB, PKIN, PKI, GUN, AB31, JIRN, RAMN, BVAR, BVAR, BRVK, TAPN, AKTO, AKTO, ZALV, SONM, FINES, ARCES, NB2, NOA, ESDC, TOR, YKA, WRA.

IDC 19 22:42:01.9:1.5,11:38S:165.26E,h0km,mb3.8/5, mbmp3.9/6,ML4.4/1,MS3.1/1, Error ellipse: s-maj=47.3km

s-min=28.4km az=120.0 ISC 19 22:42:05.6:1.2,11:45S:0.1x165:3.0z,h24km,n7, az=48/6,mb3.9/5,Santa Cruz Islands

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

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

IDC 19 22:50:15.2:2.4,5.66S:153.81E,h0km,mb3.1/3, mbmp3.2/4,ML3.6/1, Error ellipse: s-maj=52.5km

s-min=31.9km az=76.0, New Ireland region

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

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

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

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

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

NNC 19 22:56:53.8:0.9,40:99N:78.15E,h0km,mb3.2,mpv3.0, Error ellipse: s-maj=6.2km s-min=4.5km az=175.0

SOME 19 22:56:53.1,40:95N:78.13E,h15km KRNET 19 22:56:55.8:0.1,40:81N:78.13E,mb2.4

ISC 19 22:56:53.8:2.5,40:82N:0.10:78.15E,0.05,h14km,14km, n36,c131/57,6C-9D,Southern Xinjiang

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHKK, CHKK, BLB, BLB, BLB, AAK, AAK, ARXS, ARXS, ARXS, KRBS, KRBS, KRBS.

IDC 19 23:11:09.7:2.1,5.78S:154.10E,h0km,mb3.5/3, mbmp3.6/4,ML3.5/1, Error ellipse: s-maj=46.2km

s-min=31.0km az=81.0, Bougainville-Solomon Islands region

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

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

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

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

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

IDC 19 23:14:01.7:0.7,5.50S:153.39E,h0km,mb4.1/21, mbmp4.2/23,ML3.2/2, Error ellipse: s-maj=20.6km

s-min=14.0km az=85.0 ISC 19 23:14:08.0:0.7,5.53S:0.07:153.3E,0.1,h43km,n27, az=065/23,mb4.1/20,New Ireland region

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BUI 19 23:14:14.5:0.2,23:84N:122:45E,h8km,mb4.1/17, mb4.4/9,ML3.9/2,MS3.8/4,MS7.3/7

IDC 19 23:14:15.6:2.1,24:14N:122:41E,h0km,mb4.0/16, mbmp4.0/18,ML3.1/2,MS3.1/5, Error ellipse: s-maj=47.8km s-min=25.1km az=161.0

NEIC 19 23:14:17.7:1.8,23:93N:0.04:122:44E,0.04,h20km,7km, mb4.3/11,ML4.6(TAP), Error ellipse: s-maj=7.2km s-min=3.0km az=147.0

JMA 19 23:14:19.4:0.2,24:0N:122:3E,0.3,h18km,2km, MV3.8/13,TAIWAN REGION

TAP 19 23:14:19.8,24:04N:122:32E,h30km,ML4.4,D ISC 19 23:14:16.7:1.0,23:91N:0.02:122:36E,0.01,h11km,7km, n201,az86/260,mb4.1/23,MS3.5/3,23C-5D,Taiwan region

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

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

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HWA, ETL, TWD, NACB, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SSLB, NHDH, EHD, TATO, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like EAST, TAWH, TWM1, SGLT, etc.

20d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ECAB El Cabril, MD31 Midelt, EMIN Mina Concepcio, etc.

IDC 19 23:42:16.2±1.8, 128N-125.29E, h0km, mb3.4/4, mbtmp3.5/4, Error ellipse: s-maj=203.7km s-min=23.4km az=65.0, Northern Molouca Sea

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

IDC 19 23:45:29.6±6.5, 622S-154.56E, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=199.9km s-min=42.3km az=111.0, Bougainville-Solomon Islands region

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

IDC 19 23:51:11.2±5.7, 608S-147.39E, h0km, mb3.9/2, mbtmp3.9/4, ML3.8/1, Error ellipse: s-maj=81.8km s-min=56.8km az=59.0, Eastern New Guinea region

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

DDA 20 00:10:23.4±0.0, 38.67N-27.89E, h7km±2km, ML2.7 ISK 20 00:10:23.5, 38.67N-27.91E, h4km, ML3.4/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GOMA Gormamara-Man, AKS Akhisar, MANT Manisa, etc.

2016 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BAYC Canakkale, AEIC 20 07:07.4±0.8, NEIC 20 00:17.0±0.7, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, PDAR Pinedale Array, etc.

20d 1h

GWY Greenwater Val	79.37	46	P	P	01 22 45.3 -0.7
P18K Big Mountain,	79.37	12	P	I	01 22 44.0 -1.3
P18K comp=Z,40nm,0.8s					
P18K Big Mountain,	79.37	12	P	P	01 22 44.1 -1.2
O17K Koliaganek Bris	79.38	11	P	P	01 22 44.6 -0.6
FURC Furna Creek,	79.39	46	P	P	01 22 46.6 +0.8
IRM Iron Mountain	79.41	49	P	P	01 22 46.9 +0.8
RYN Ryan	79.43	44	P	P	01 22 46.3 +0.1
NVAR Mina Array Bea	79.46	44	P	P	01 22 47.4 +0.9
NVAR Mina Array Bea	79.46	44	P	P	01 22 46.3 -0.2
SHOC Shoshone, Teco	79.50	47	P	P	01 22 46.7 +0.2
TUQ Turquoise Moun	79.50	47	P	P	01 22 47.0 +0.3
GMN Gold Mountain	79.56	45	P	P	01 22 46.4 -0.7
NV11 Mina Array Sit	79.56	44	P	I	01 22 46.5 -0.4
NV11 comp=Z,31nm,1.1s					
BLYC Blythe	79.66	50	P	P	01 22 46.8 -0.5
MZP Montezuma Peak	79.67	45	P	P	01 22 46.9 -0.8
WCT Wildcat Mouna	79.72	46	P	P	01 22 47.2 -0.5
113A Mohawk Valley,	79.73	51	P	P	01 22 47.7 0.0
N16K Nishliik Lake	79.76	10	P	P	01 22 47.7 +0.4
O18K Koktuh Hills	79.81	12	P	P	01 22 45.7 -1.8
O18K Koktuh Hills	79.81	12	P	P	01 22 46.9 -0.6
KVN Kaiserville	79.93	43	P	P	01 22 47.9 -1.0
KVN comp=Z,20nm,0.9s					
PLTX Planet X, Geri	79.97	41	P	I	01 22 47.6 -1.4
PLTX comp=Z,38nm,1.0s					
TPH Tonopah	79.99	45	P	P	01 22 48.8 -0.4
P19K Oil Pit	80.02	13	P	P	01 22 48.1 -0.5
214A Organ Pipe Nat	80.05	52	P	P	01 22 49.2 -0.3
214A comp=Z,24nm,1.1s					
214A Organ Pipe Nat	80.05	52	P	P	01 22 50.4 +1.0
TPNV Topopah Spring	80.06	46	P	P	01 22 48.6 -0.9
TPNV Topopah Spring	80.06	46	P	P	01 22 50.4 +0.9
MOD Modoc Plateau	80.13	40	P	I	01 22 49.2 -0.6
MOD comp=Z,31nm,0.9s					
BNX BinXian	80.14	325	P	P	01 22 49.8 +0.3
BNX comp=Z,14nm,0.9s					
BNX comp=Z,14nm,0.9s					
PDMCI Parker Dam,Lak	80.20	49	P	P	01 22 51.1 +1.0
K05A Summer Lake	80.24	39	P	P	01 22 49.6 -0.8
O19K Port Aisworth	80.30	12	P	P	01 22 49.1 -0.9
ILSW Iliamna South	80.34	13	I	I	01 22 50.5
SDSI Sungai Dareh	80.35	272	P	P	01 22 50.8 -0.6
Q09A Carvers	80.42	44	I	I	01 22 53.5
WTKN Soaring Height	80.53	47	I	I	01 22 54.0
H04A Detroit Lake	80.64	37	I	I	01 22 53.2
BRSE Bradley Lake S	80.64	14	P	P	01 22 50.6 -1.2
S11A Rachel	80.76	46	I	I	01 22 55.2
N19K Bonanza Creek	80.83	12	I	I	01 22 53.1
N19K Bonanza Creek	80.83	12	P	P	01 22 51.6 -1.3
PRN Pahroc Range	81.11	46	I	I	01 22 57.5
R11A Troy Canyon, C	81.23	45	P	P	01 22 55.5 -0.1
BMN Battle Mountai	81.25	43	I	I	01 22 57.7
H00D Mount Hood Mea	81.32	37	I	I	01 22 58.0
WVOR Wild Horse Val	81.45	40	I	I	01 22 58.7
N20K Mount Spurr	81.64	12	P	P	01 22 55.4 -1.6
SPCR Spurr Chakacha	81.64	12	P	P	01 22 55.4 -1.6
TUC Tucson	81.73	52	P	P	01 22 58.4 +0.2
TUC comp=Z,26nm,1.1s					
TUC Tucson	81.73	52	P	P	01 22 59.4 +1.2
I07A Tzee	81.85	39	I	I	01 23 00.7
M19K Big River Lodg	81.86	11	I	I	01 22 58.4
M19K Big River Lodg	81.86	11	P	P	01 22 57.0 -1.0
L19K White Mountain	82.03	11	I	I	01 23 00.1
J08A Circle Bar Ran	82.06	40	I	I	01 23 01.6
RC01 Rabbit Creek A	82.07	14	I	I	01 23 10.1
RC01 Rabbit Creek A	82.07	14	P	P	01 22 58.8 -0.3
M20K Styx River	82.08	12	P	P	01 22 58.3 -1.0
LCMT Little Creek M	82.17	47	I	I	01 23 02.6
SUA Susitna One	82.19	13	I	I	01 23 00.0
SUA Susitna One	82.19	13	P	P	01 22 58.6 -1.2
PWL Port Wells	82.19	14	P	P	01 22 58.5 -1.2
D05A Enumclaw	82.25	35	I	I	01 23 14.3
SPR3 Spring Creek 3	82.41	45	I	I	01 23 03.3
319A Douglas	82.46	54	I	I	01 23 04.9
KNB Kanat	82.47	47	I	I	01 23 04.4
L20K Farewell, AK	82.48	11	P	P	01 23 00.2 -1.0
SKT Skwentna	82.49	12	P	P	01 23 00.3 -0.9
TTA Tatalina	82.53	10	P	P	01 23 00.9 -0.5
TTA comp=Z,29nm,1.1s					
TTA Tatalina	82.53	10	P	P	01 23 01.1 -0.4
U15A North Rim	82.56	48	I	I	01 23 05.1
M22K Willow	82.58	13	P	P	01 23 00.8 -0.8
F07A Phinny Hill Vi	82.64	37	I	I	01 23 03.6
PMR Palmer	82.66	14	P	P	01 23 00.7 -1.3
ELK Elko	82.70	43	I	I	01 23 04.9
WUAZ Wupatki	82.78	49	I	I	01 23 06.6
WUAZ Wupatki	82.78	49	P	P	01 23 04.3 +0.8
G08A Pilot Rock	82.85	38	I	I	01 23 05.4
LTY Liberty	83.01	35	I	I	01 23 05.6
PKCU Pink Cliffs	83.03	47	I	I	01 23 08.0
DIV Divide	83.05	15	I	I	01 23 04.5

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V35K Ketchikan	83.06	25	P	P	01 23 05.4 +1.3
DUN6 Lazy B Ranch	83.12	53	I	I	01 23 08.8
CUT Chulina	83.13	13	P	P	01 23 02.7 -1.6
HAWA Hanford	83.15	37	I	I	01 23 06.7
M23K Glacier View	83.15	14	P	P	01 23 03.0 -1.5
PLLA Purkeypile	83.19	12	P	P	01 23 03.6 -1.2
BMRM Bremner River	83.21	16	I	I	01 23 05.1
BMRM Bremner River	83.21	16	P	P	01 23 04.2 -0.6
K20K Telida	83.26	11	I	I	01 23 05.8
K20K Telida	83.26	11	P	P	01 23 04.8 -0.2
MESA MESA	83.27	17	P	P	01 23 03.6 -1.7
SCM Sheep Creek Mo	83.28	14	P	P	01 23 04.2 -1.0
S31K Pelican	83.30	21	P	P	01 23 03.6 -1.6
MTPU Mount Pierson	83.40	47	I	I	01 23 09.7
E08A Dider Farm, El	83.47	37	I	I	01 23 07.7
HNS HongShan	83.56	313	P	P	01 23 07.4 +0.4
HNS comp=Z,6.0nm,1.3s					
MVU Marysval	83.61	46	I	I	01 23 11.0
CAST Castle Rocks	83.68	12	P	P	01 23 05.5 -1.6
MFID Camas Ranch	83.72	41	I	I	01 23 09.8
VRDI Verde Repeater	83.73	16	I	I	01 23 08.3
N25K Chitina, Valde	83.75	16	P	P	01 23 07.2 -0.3
W18A Petrified Fore	83.79	50	P	P	01 23 08.8 +0.3
M24K Tolana, Glenn	83.79	15	P	P	01 23 07.4 -0.3
GLB Gilahina Butte	83.82	16	I	I	01 23 08.0
WAT6 Susitna Watana	83.84	14	P	P	01 23 07.1 -1.0
RPSI Rantau Prapat	83.85	275	I	I	01 23 09.6
D08A Wollman Farm,	83.87	36	I	I	01 23 10.2
WAT1 Susitna Watana	83.88	13	P	P	01 23 06.7 -1.4
JCARA McCarthy VSAT	83.98	16	P	P	01 23 08.3 -0.2
J20K Nowinta River	84.00	10	I	I	01 23 09.5
J20K Nowinta River	84.00	10	P	P	01 23 07.9 -0.7
DUG Dugway, Tooele	84.02	45	P	P	01 23 09.8 +0.3
KTH Kantishna Hill	84.03	12	I	I	01 23 09.6
CHUM Lake Mochumim	84.06	11	P	P	01 23 08.2 -0.7
TRF Thorafore Moun	84.06	12	P	P	01 23 08.2 -1.0
121A Cooke Peak, D	84.11	53	P	P	01 23 10.3 +0.2
O28M Mount Upton	84.26	18	P	P	01 23 10.2 -0.2
HARP HAARP	84.29	15	P	P	01 23 10.2 +0.1
ENH Enshi	84.30	304	I	I	01 23 12.7
DHY Denali Highway	84.35	14	P	P	01 23 10.0 -0.5
LLLB Lillooet	84.36	32	I	I	01 23 12.2
B08A Colville Reser	84.38	35	I	I	01 23 12.0
PLBC Pleasant Camp	84.41	20	P	P	01 23 11.1 +0.4
PLID Pearl Lake	84.49	39	I	I	01 23 12.7
BPAW Bear Paw Mtn.	84.51	12	P	P	01 23 09.1 -2.1
MCK McKinley	84.59	13	I	I	01 23 11.8
MCK McKinley	84.59	13	P	P	01 23 10.6 -0.9
C09A Chrisman Ranch	84.65	36	I	I	01 23 13.6
HLID Hailey	84.67	41	I	I	01 23 14.8
HLID Hailey	84.67	41	P	P	01 23 13.2 +0.6
TMUT Trail Mountain	84.67	46	I	I	01 23 15.3
GSI Gunungstoli	84.70	273	P	P	01 23 12.1 -1.2
GSI Gunungstoli	84.70	273	P	P	01 23 14.4 +1.1
PAX Paxson	84.70	14	I	I	01 23 12.4
PAX Paxson	84.70	14	P	P	01 23 11.7 -0.5
P30M Million Dollar	84.73	19	P	P	01 23 12.8 +0.4
YUK8 Steele Glacier	84.80	18	P	P	01 23 12.8 -0.2
M26K Nabesna, AK	84.83	16	I	I	01 23 14.4
M26K Nabesna, AK	84.83	16	P	P	01 23 12.9 +0.1
YUK3 Moose Creek	85.00	17	P	P	01 23 14.0 +0.1
SRU San Rafael Swe	85.06	46	I	I	01 23 16.4
M27K Edge Creek, AK	85.09	16	P	P	01 23 14.4 +0.2
S34M Telegraph Cree	85.09	23	P	P	01 23 15.0 +0.9
MENT Mentasta	85.10	15	I	I	01 23 14.4
HYT Haines Junctio	85.11	19	P	P	01 23 13.2 -1.1
L26K Log Cabin Wild	85.27	15	P	P	01 23 14.5 -0.3
I21K Tanana	85.30	11	P	P	01 23 14.4 -0.5
K24K Donnelly Dome	85.35	14	P	P	01 23 14.7 -0.5
P32M Atlin	85.39	21	P	P	01 23 15.5 -0.1
MLY Manley	85.39	11	P	P	01 23 13.8 -1.6
TCUT Toot Canyon	85.40	44	I	I	01 23 18.3
BVYV Beaver Creek	85.41	17	P	P	01 23 15.5 0.0
Q32M Nakina River	85.43	22	P	P	01 23 16.0 0.0
O30N Mendenhall	85.50	19	P	P	01 23 15.8 -0.3
RIDG Independent Ri	85.51	14	I	I	01 23 16.7
RIDG Independent Ri	85.51	14	P	P	01 23 16.1 +0.1
H21K Melozitna Rive	85.59	10	P	P	01 23 16.0 -0.3
MNTX Cortinas Mount	85.61	55	P	P	01 23 18.2 +1.0
HDA Harding Lake	85.61	13	I	I	01 23 16.7
HDA Harding Lake	85.61	13	P	P	01 23 15.8 -0.7
MVCO Mesa Verde	85.62	49	P	P	01 23 18.4 +1.0
DOT Dot Lake	85.62	15	I	I	01 23 17.1
CCB Clear Creek Bu	85.64	13	I	I	01 23 16.4
L27K Beaver Creek,	85.69	16	P	P	01 23 16.4 -0.5
N30M Aishikik Lake	85.73	19	P	P	01 23 16.7 -0.4

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I23K Minto, Yukon-K	85.76	12	P	P	01 23 16.5 -0.6
WHY Whitehorse	85.81	20	P	P	01 23 17.6 +0.1
MDM Murphy Dome	85.82	12	I	I	01 23 17.3
PV11 David Mesa, Pa					

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like ULN, SONM, GOMU, LSA, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like H23K, TCOL, COLA, HDA, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KKAR, YBH, KBL, etc.

WEL 20 02:02:06.2, 42°S, 174°E, h16km, 7km, M2.5/19, mB4.3/1, ML2.9/29, MLV2.5/19, Mw(m)B3.4/1, Error ellipse: s-maj=0.0km s-min=0.0km az=93.4, South Island

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

JSN 20 02:13:06.0, 0.3, 18.14N, 76.66W, h19km, 3km, MD2.3, SSNC 20 02:13:06.2, 1.2, 18.23N, 76.77W, h15km, 999km, MD3.0, ML1.5

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

IDC 20 02:40:4.2, 6.5, 82S, 153.95E, h0km, mb3.5/3, mbtmp3.8/8, ML3.5/1, Error ellipse: s-maj=63.6km s-min=34.2km az=98.0, New Ireland region

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

IDC 20 02:27:22.0, 1.3, 6.27S, 154.34E, h0km, mb3.8/6, mbtmp3.8/8, ML2.9/29, MS3.1/4, Error ellipse: s-maj=40.5km s-min=21.5km az=114.0

ISC 20 02:27:29.5, 1.2, 6.15S, 101.154E, h0.2, h48km, n10, 1933/10, mb3.7/8, MS3.0/3, Bougainville-Solomon Islands region

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

20d 2h

Table with columns: WRA, LR, LR, 02 41 12.9, comp=E, 57nm, 19.0s, baz=6.0, slow=35, 2.0nm, 0.6s, Alice Springs 26.09 226 P, 0.9nm, 0.7s, baz=57, slow=9.0, SNR=11, 02 32 58.5 -0.4, 02 36 26.1 +0.2, Stephens Creek 28.15 203 P, 1.6nm, 0.7s, baz=45, slow=4.3, SNR=2.4, 02 33 16.3 -1.0, 02 42 56.8, Lemban 46.16 266 LR, 3.1nm, 0.7s, baz=222, slow=41, 02 59 02.9, Songino Array 68.13 328 P, 0.6nm, 0.5s, baz=140, slow=5.7, SNR=6.6, 02 38 26.5 +1.8, Makanchi Array 82.16 319 P, 0.3nm, 0.6s, baz=106, slow=5.1, SNR=2.2, 02 39 46.6 +1.1, Eielson Array 89.21 22 P, 0.4nm, 0.6s, baz=242, slow=5.4, SNR=9.1, 02 39 49.0 +0.1, Torodi Ar. Bea 151.92 286 PKPbc, 0.1nm, 0.3s, baz=48, slow=2.2, SNR=5.1, 02 47 18.2 -2.1

IDC 20 02:43:48.0±1.1, 58°20'N-152°83'W, h48km, 19km, mb3.5/2, mbmp3, 8/6, ML3.7/4, Error ellipse: s-maj=36.9km, s-min=17.3km az=109.0, NEIC 20 02:43:48.6±0.8, 58°24'N-152°60'W, 0.1, h64km, 29km, Error ellipse: s-maj=9.5km s-min=7.0km az=130.0, AEIC 20 02:43:50.0±1.0, 58°25'N-152°60'W, 0.1, h46km, 10km, ML3.4, ML3.6/74(NEIC), Error ellipse: s-maj=10.5km s-min=6.9km az=110.0

ISC 20 02:43:48.8±0.9, 58°24'N-152°60'W, 0.05, h50km, n141, 0960/137, Kodiak Island region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC, 02 44 00.2 +1.0, 02 44 08.2 +0.6, 02 44 08.9, 02 44 09.4, 1.09 200 Pn, 02 44 08.0 +0.3, 1.09 200 Pn, 02 44 08.2 +0.5, 1.45 347 P, 02 44 13.6 +1.0, 1.45 347 P, 02 44 13.3 +0.7, 1.45 347 P, 02 44 13.4 +0.8, 02 44 31.8 +1.3, 1.47 28 Pn, 02 44 13.6 +0.7, 02 44 39.9, 1.50 19 P, 02 44 14.1 +0.8, 1.50 19 P, 02 44 14.1 +0.8, 1.76 29 Pn, 02 44 17.0 +0.1, 02 44 47.9, 02 44 48.1, 02 44 17.4 +0.3, 02 44 40.8, 02 44 41.3, 1.78 32 P, 02 44 17.5 +0.3, 1.78 32 P, 02 44 17.5 +0.3, 1.79 311 Pn, 02 44 17.1 -0.2, 1.79 311 P, 02 44 17.1 -0.2, 1.84 360 P, 02 44 19.0 +1.0, 1.89 208 Pn, 02 44 19.3 +0.7, 1.89 208 IAML, 02 45 05.0, 1.89 208 Pn, 02 44 19.3 +0.7, 02 44 21.7 +0.2, 02 44 47.5, 2.11 321 Pn, 02 44 21.7 +0.2, 2.11 321 Pn, 02 44 21.7 +0.2, 2.15 336 P, 02 44 22.1 0.0, 2.15 336 P, 02 44 22.4 +0.4, 2.35 358 Pn, 02 44 25.7 +0.6, 2.47 40 Pn, 02 44 26.0 -0.5, 2.47 40 P, 02 44 26.0 -0.5, 2.58 27 Pn, 02 44 27.8 -0.2, 2.64 16 Pn, 02 44 30.5 +1.7, 2.64 16 P, 02 44 30.5 +1.7, 2.68 32 Pn, 02 44 30.3 +0.9, 2.75 340 Pn, 02 44 31.0 +0.6, 2.97 4 P, 02 44 34.0 +0.5, 2.97 4 P, 02 44 34.2 +0.7, 02 45 38.5, 02 45 38.5, 02 45 55.9, 3.20 26 Pn, 02 44 36.4 -0.1, 02 45 24.5, 3.20 26 P, 02 44 36.4 -0.1, 3.24 333 IAML, 02 44 37.4 +0.3, 02 45 29.5, 02 45 32.9, 3.36 15 Pn, 02 44 38.9 +0.1, 02 45 29.8, 02 45 31.1, 3.36 15 P, 02 44 39.0 +0.2, 3.40 38 Pn, 02 44 39.1 -0.2, 02 45 38.2, 02 45 38.7, 02 45 38.7, 3.66 356 Pn, 02 44 43.4 +0.5, 3.73 18 Pn, 02 44 44.1 +0.3, 3.73 18 P, 02 44 44.1 +0.3, 3.78 347 Pn, 02 44 44.9 +0.4, 3.78 26 Pn, 02 44 44.0 -0.5, 3.78 26 Pn, 02 44 44.0 -0.5, 3.79 8 IAML, 02 44 44.7 +0.1, 3.79 8 IAML, 02 45 37.4, 02 45 42.3, 3.79 8 P, 02 44 44.4 +0.1, 3.80 32 Pn, 02 44 44.4 -0.4, 3.80 32 IAML, 02 45 43.2, 3.80 32 Pn, 02 44 44.5 -0.4, 02 45 47.3, 3.80 32 Pn, 02 44 44.5 -0.4, 3.99 26 IAML, 02 44 47.2 -0.2, 3.99 26 IAML, 02 45 57.0

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Table with columns: GHO, comp=E, 109nm, 0.8s, IAML, 02 46 00.4, L19K White Mountain 4.11 345 Pn, 02 44 49.3 +0.3, L19K comp=N, 64nm, 0.8s, IAML, 02 46 02.4, L19K comp=E, 68nm, 1.4s, Sawmill 4.17 29 Pn, 02 44 09.9 +0.1, SML comp=E, 66nm, 0.9s, IAML, 02 46 20.5, SML comp=N, 62nm, 1.0s, Sawmill 4.17 29 Pn, 02 44 49.8 +0.1, EYAK Cordova Ski Ar 4.19 54 Pn, 02 44 49.7 -0.4, EYAK Cordova Ski Ar 4.19 54 Pn, 02 44 49.7 -0.4, CUT Chulitna 4.33 14 Pn, 02 44 52.1 +0.1, SCM Sheep Creek Mo 4.47 34 IAML, 02 44 54.0 +0.1, SCM comp=E, 68nm, 1.3s, IAML, 02 46 03.1, 02 46 12.8, DIV Divide 4.51 47 Pn, 02 44 54.3 -0.2, GOAT Goat Mountain 4.65 56 Pn, 02 44 56.6 +0.1, PPLA Purkeypile 4.67 2 Pn, 02 44 57.4 +0.5, PPLA Purkeypile 4.67 2 Pn, 02 44 57.4 +0.5, KLU Klutina 4.68 43 Pn, 02 44 56.8 -0.1, KLU comp=N, 38nm, 2.1s, IAML, 02 46 24.3, KLU Klutina 4.68 43 Pn, 02 44 56.8 -0.1, BMRM Bremner River 4.89 53 Pn, 02 44 59.3 -0.4, BMRM Bremner River 4.89 53 Pn, 02 44 59.5 -0.2, WAT1 Susitna Watana 4.96 20 Pn, 02 45 00.7 -0.1, WAT6 Susitna Watana 4.97 27 Pn, 02 45 00.7 -0.2, WAT6 Susitna Watana 4.97 27 Pn, 02 45 00.7 -0.2, TTA Talatina 5.00 342 Pn, 02 45 00.9 -0.2, TTA comp=E, 48nm, 1.0s, IAML, 02 46 33.4, TTA Talatina 5.00 342 Pn, 02 45 01.2 +0.1, WAT1 Susitna Watana 5.02 22 Pn, 02 45 01.3 -0.1, WAT1 Susitna Watana 5.02 22 Pn, 02 45 01.5 +0.1, M24K Tolsona, Glenn 5.03 37 Pn, 02 45 02.2 +0.6, M24K Tolsona, Glenn 5.03 37 Pn, 02 45 02.4 +0.9, K20K Telida 5.18 353 Pn, 02 45 04.0 +0.3, 02 46 37.8, CAST Castle Rocks 5.20 3 Pn, 02 45 03.8 -0.1, CAST Castle Rocks 5.20 3 IAML, 02 46 50.0, CAST Castle Rocks 5.20 3 Pn, 02 45 03.8 -0.1, N25K Chitina, Valde 5.25 47 Pn, 02 45 04.7 0.0, KHIT Khitor Hills 5.27 61 Pn, 02 45 04.8 -0.1, TRF Thorofare Moun 5.35 11 Pn, 02 45 06.1 +0.1, TRF Thorofare Moun 5.35 11 IAML, 02 46 18.1, TRF Thorofare Moun 5.35 11 Pn, 02 45 06.3 +0.2, KTH Kantishna Hill 5.39 8 IAML, 02 45 06.6 0.0, KTH Kantishna Hill 5.39 8 IAML, 02 45 21.2, GLB Gilitina Butte 5.47 50 Pn, 02 45 07.4 -0.2, DHY Denali Highway 5.49 26 Pn, 02 45 07.8 -0.1, DHY Denali Highway 5.49 26 Pn, 02 45 08.0 +0.1, RND Reindeer 5.49 18 Pn, 02 45 08.4 +0.4, VRDI Verde Repeater 5.51 53 Pn, 02 45 13.1 -0.2, HARP HAARP 5.57 38 Pn, 02 45 09.9 +0.9, BARK Barkley Ridge 5.61 63 Pn, 02 45 10.3 +0.7, mCARA McCarthy VSAT 5.76 53 Pn, 02 45 11.5 -0.1, mCARA McCarthy VSAT 5.76 53 Pn, 02 45 11.9 +0.3, MCK McKinley 5.79 16 Pn, 02 45 11.7 -0.2, MCK McKinley 5.79 16 Pn, 02 45 12.4 +0.4, KIAG Kiagina River 5.85 58 Pn, 02 45 12.8 -0.2, PAX Paxson 5.90 33 Pn, 02 45 13.1 -0.4, PAX Paxson 5.90 33 Pn, 02 45 13.6 +0.1, BALM Baldy 5.90 57 Pn, 02 45 13.6 0.0, BPAW Bear Paw Mtn. 5.93 7 Pn, 02 45 13.6 0.3, BPAW Bear Paw Mtn. 5.93 7 Pn, 02 45 13.7 -0.2, J20K Nowinta River 6.00 353 Pn, 02 45 14.4 -0.5, BWN Browne 6.14 13 Pn, 02 45 16.7 0.0, BARN Bernard Glacie 6.22 58 Pn, 02 45 18.2 +0.2, NEA2 Nenana 6.59 13 Pn, 02 45 22.1 -0.8, NEA2 Nenana 6.59 13 Pn, 02 45 22.2 -0.8, L26K Log Cabin Wild 6.61 40 Pn, 02 45 24.1 +0.9, WRH Wood River Hill 6.61 17 Pn, 02 45 22.1 +1.1, RIDG Independent Ri 6.68 31 Pn, 02 45 24.3 +0.1, HDA Harding Lake 6.75 21 Pn, 02 45 25.1 -0.1, HDA Harding Lake 6.75 21 Pn, 02 45 25.3 +0.1, CCB Clear Creek Bu 6.82 18 Pn, 02 45 24.9 -1.2, MLY Manley 6.87 7 Pn, 02 45 26.1 -0.7, MLY Manley 6.87 7 Pn, 02 45 26.4 -0.4, I21K Tanana 6.97 2 Pn, 02 45 27.6 -0.4, MIDM Murphy Dome 7.05 15 Pn, 02 45 28.5 -0.7, IL3 Eielson Array 7.09 20 Pn, 02 45 29.0 -0.8, ILAR comp=E, 1.2nm, 0.3s, baz=212, slow=14, SNR=55, 02 45 29.1 -0.7, ILAR comp=E, 1.6nm, 0.4s, baz=204, slow=26, SNR=6.0, 02 46 51.0 +2.0, I23K Minto, Yukon-K 7.10 11 Pn, 02 45 29.1 -0.7, I23K Minto, Yukon-K 7.10 11 Pn, 02 45 29.5 -0.4, SCRK Sand Creek 7.10 32 Pn, 02 45 29.3 -0.7, SCRK Sand Creek 7.10 32 Pn, 02 45 29.3 -0.7, BVCY Beaver Creek 7.17 49 Pn, 02 45 31.4 +0.6, J25K Salcha River, 7.27 25 Pn, 02 45 31.5 -0.7, POKR Poker Plat Res 7.32 17 Pn, 02 45 32.9 -0.1, H21K Melozitna Rive 7.44 359 Pn, 02 45 34.2 -0.4, H21K Melozitna Rive 7.44 359 Pn, 02 45 34.4 -0.2, J26L Joseph Creek 7.62 31 Pn, 02 45 36.5 -0.7, J26L Joseph Creek 7.62 31 Pn, 02 45 36.4 -0.7, H23K Yukon River 7.74 9 Pn, 02 45 37.7 -1.0, DLBC Dease Lake 11.85 79 Pn, 02 46 36.4 +1.4, comp=E, 0.3nm, 0.3s, baz=258, slow=9.3, SNR=3.1, 02 46 52.2 -0.5, INK Inuvik 13.17 32 Pn, 02 46 52.2 -0.5, comp=E, 0.3nm, 0.3s, baz=194, slow=8.3, SNR=7.9, 02 46 07.4 -0.3, YKA Yellowknife Ar 19.06 61 Pn, 02 48 07.4 -0.3, comp=E, 0.2nm, 0.3s, baz=272, slow=10, SNR=34, 02 53 53.9 0.0, FINES FINES Array B 60.64 1 Pn, 02 53 53.9 0.0, comp=E, 1.9nm, 0.9s, baz=22, slow=10, SNR=4.1, 02 54 27.5 -1.8, MKAR Matchi Array 65.94 322 P, 02 54 27.5 -1.8, comp=E, 0.2nm, 0.4s, baz=10, SNR=2.5

NNC 20 02:49:51.7±1.2, 41°72'N-72°65'E, h0km, mb3.8, mpv3.6, Error ellipse: s-maj=11.8km s-min=4.9km az=174.0, KRNET 20 02:49:51.6±0.1, 41°59'N-72°73'E, h25km, mb3.3, SOME 20 02:49:51.5, 41°55'N-72°77'E, h20km, KNET 20 02:49:53.1±0.3, 41°75'N-72°84'E, h12km, 2km, ml2.8, Error ellipse: s-maj=3.7km s-min=2.2km az=150.0, ISC 20 02:49:49.0±1.2, 41°66'N-103°72'W, 0.02, h4km, 10km, n59, c1918/104, 38C-17D, Kyrgyzstan

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Table with columns: ARK, baz=81, ↑/S, Sb, 02 50 11.2 -0.1, AML Alaya-Archa 0.85 56 ↑P, 02 50 07.8 -0.3, AML 113nm, 0.1s, SNR=50, ↑S, Pn, 02 50 19.2 +0.7, OHH Osh 1.13 179 ↑P, 02 50 13.1 +1.4, OHH baz=78, ↑/S, Sn, 02 50 28.7 +1.0, MRKS Merke 1.14 18 eP, 02 50 13.2 +1.2, MRKS 18nm, 0.3s, eS, Pn, 02 50 28.2 +1.2, MRKS 124nm, 0.3s, eS, Pn, 02 50 13.2 +1.2, MRKS Merke 1.14 18 Pn, 02 50 28.2 +0.1, MRKS 18nm, 0.3s, S, Sn, 02 50 28.2 +0.1, ARLS Aral 1.19 80↑eP, 02 50 14.0 +1.4, ARLS baz=82, ↓/S, Pn, 02 50 30.0 +1.4, ARLS baz=82, ↓/S, Pn, 02 50 30.0 +1.4, TRKS Terek-Say 1.22 265 ↑/P, 02 50 13.8 +0.8, TRKS baz=59, ↑/S, Sn, 02 50 29.7 -0.3, EKS2 Erkin-Say 1.26 37 ↑P, 02 50 14.9 +1.4, EKS2 13nm, 0.2s, SNR=22, ↓/S, Sn, 02 50 32.0 +1.0, EKS2 25nm, 0.2s, ↓/S, Sn, 02 50 32.0 +1.0, EKS2 Erkin-Say 1.26 37↑eP, 02 50 31.2 +0.2, EKS2 baz=39, ↓/S, Sn, 02 50 31.2 +0.2, UCH Uchtor 1.43 66 ↑P, 02 50 18.3 +1.8, UCH 46nm, 0.3s, SNR=150, ↓/S, Sn, 02 50 38.2 +2.5, UCH 72nm, 0.2s, ↓/S, Sn, 02 50 18.0 +1.5, UCH Uchtor 1.43 66↑eP, 02 50 37.2 +1.5, UCH baz=68, ↑/S, Sn, 02 50 37.2 +1.5, AAK Alaya-Archa 1.62 52 ↓/P, 02 50 21.4 +1.3, AAK 91nm, 0.3s, SNR=74, ↑/S, Pg, 02 50 43.5 +2.2, AAK 50nm, 0.2s, ↑/S, Pg, 02 50 21.0 +0.8, AAK Alaya-Archa 1.62 52↑eP, 02 50 42.3 +1.1, AAK baz=54, ↑/S, Pg, 02 50 22.1 +0.9, DZA Taraz 1.63 320 eP, 02 50 43.7 +2.4, DZA 173nm, 0.1s, eS, Pg, 02 50 22.1 +1.9, DZA Taraz 1.63 320 P, 02 50 43.7 +2.4, DZA 173nm, 0.1s, S, Pg, 02 50 43.7 +2.4, FRU1 Bishkek 1.81 50↑eP, 02 50 47.1 -0.1, FRU1 baz=51, ↑/S, Pg, 02 50 47.1 -0.1, KBK Karagaybulak 1.91 58 ↑P, 02 50 27.0 +1.3, KBK 25nm, 0.2s, SNR=32, ↓/S, Pg, 02 50 51.7 +1.1, KBK 145nm, 0.3s, ↓/S, Pg, 02 50 25.4 -0.3, KBK Karagaybulak 1.91 58↑eP, 02 50 49.9 -0.6, KBK baz=58, ↑/S, Pg, 02 50 28.0 +0.6, CHMS Chumysh 2.00 47 ↓/P, 02 50 54.5 +1.2, CHMS 36nm, 0.2s, SNR=22, ↓/S, Pg, 02 50 54.5 +1.2, CHMS 95nm, 0.5s, ↓/S, Pg, 02 50 27.9 +0.5, CHMS Chumysh 2.00 47 ↑Pn, 02 50 55.1 -1.8, CHMS 20nm, 0.3s, ↑/S, Pg, 02 50 26.3 +0.3, CHMS Chumysh 2.00 47↑eP, 02 50 51.5 +0.3, CHMS baz=48, ↓/S, Sb, 02 50 51.5 +0.3, USP Oshpenovka 2.06 38 ↑P, 02 50 28.6 0.0, USP Oshpenovka 2.06 38↑eP, 02 50 27.2 +0.1, USP 60nm, 0.4s, SNR=79, ↑/S, Sb, 02 50 53.2 +0.1, USP Oshpenovka 2.06 38↑eP, 02 50 29.2 +0.1, USP baz=39, 2.09 284 eP, 02 50 55.0 -1.2, IUG Iuzhnyy 94nm, 0.5s, eS, Pg, 02 50 29.2 +0.1, IUG 234nm, 0.5s, eS, Pg, 02 50 29.2 +0.3, BTK Batken 2.17 223↑eP, 02 50 56.4 +0.3, BTK baz=22, ↑/S, Sb, 02 50 56.4 +0.3, KK31 Karatay Array 2.20 312 ↑Pn, 02 50 30.0 -1.3, KK31 14nm, 0.3s, baz=132, slow=15, SNR=268, ↓/S, Lg, 02 51 01.3, KKAR Karatay Array 2.20 312↑eP, 02 50 28.9 -0.5, KKAR baz=11, ↑/S, Sb, 02 50 55.8 -1.3, KGAS Sogindy 2.27 37 eP, 02 50 33.5 +1.0, KGAS baz=11, ↑/S, Pg, 02 51 02.0 +0.1, SGDS 28nm, 0.2s, eS, Pg, 02 51 02.0 +0.1, DRK Karamyk 2.29 199↑eP, 02 50 31.2 +0.1, DRK baz=98, ↑/S, Pg, 02 51 00.1 +0.1, CHM Chiment 2.44 287 eP, 02 50 36.4 +0.6, CHM 103nm, 0.2s, eS, Pg, 02 51 07.8 +0.3, CHM 412nm, 0.4s, eS, Pg, 02 51 07.8 +0.3, BOOM Boomsokoye usch 2.51 70↑eP, 02 50 33.9 -0.9, BOOM baz=70, ↓/S, Sb, 02 51 04.7 -1.5, BOOM baz=70, 2.62 264↑eP, 02 50 34.9 -1.6, TAS Tashkent 2.62 264↑eP, 02 51 06.4 -2.7, TAS baz=63, ↑/S, Sb, 02 51 06.4 -2.7, ULHL Ulalohi 2.67 76↑eP, 02 50 36.0 -1.5, ULHL baz=63, ↑/S, Sb, 02 50 36.0 -1.5, ULHL baz=77, ↓/S, Sb, 02 51 08.4 -2.2, KST Kastek 2.75 59 eP, 02 50 42.0 +0.2, KST 18nm, 0.3s, eS, Pg, 02 51 17.9 +0.4, KST 59nm, 0.7s, eS, Pg, 02 50 42.0 +0.2, KST Kastek 2.75 59 Pg, 02 50 42.0 +0.2, KST 18nm, 0.3s, Lg, 02 51 17.9, KRBS Karabastau 2.97 46 eP, 02 50 45.5 -0.3, KRBS 5.9nm, 0.0s, eS, Pg, 02 51 22.6 -1.7, MTBS Maitube 3.10 60 eP, 02 50 48.4 +0.1, MTBS 22nm, 0.1s, eS, Pg, 02 51 27.8 -0.7, MTBS 6.7nm, 0.3s, eS, Pg, 02 50 48.4 +0.1, MTBS 22nm, 0.5s, Lg, 02 51 27.7, MTBS Maitube 3.10 60 Pg, 02 50 48.4 +0.1, MTBS 6.7nm, 0.3s, Lg, 02 51 27.7, KUU Kurty 3.46 49 eP, 02 50 54.6 -0.7, KUU 10nm, 0.6s, eS, Pg, 02 51 38.4 -1.7, KUU 22nm, 0.5s, eS, Pg, 02 50 54.6 -0.7, KUU Kurty 3.46 49 Pg, 02 50 54.6 -0.7, KUU 10nm, 0.6s, Lg, 02 51 38.4, BTL5 Baital 3.51 15 eP, 02 50 55.9 -0.4, BTL5 2.8nm, 0.4s, eS, Pg, 02 51 40.6 -1.3, BTL5 8.9nm, 0.5s, eS, Pg, 02 50 55.9 -0.4, BATAL Baital 3.51 15 Pg, 02 50 55.9 -0.4, BTL5 2.8nm, 0.4s, Lg, 02 51 40.6, BTL5 8.9nm, 0.5s, eS, Pg, 02 50 55.9 -0.4, MDOK Medeo 3.52 63 eP, 02 50 56.5 0.0, MDOK 5.9nm, 0.4s, eS, Pg, 02 51 41.5 0.0, MDOK 20nm, 0.6s, eS, Pg, 02 51 41.5 0.0

Table with columns: MDOK, Medeo, 3.52 63, Pg, Pg, 02 50 56.4 -0.1, etc. Includes stations like MDOK, MDOK, MDOK, etc.

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

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

Text containing coordinates and error ellipses: IDC 20 03:04:45.6:3.9, 6:02S-152.77E, h0km, mb3.2/2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Keravat (AS076), Rabaul, Charters Tower, etc.

Table with columns: STKA, Stephens Creek, 25.89 209, P, P, 03 25 28.9 +0.2, etc. Includes stations like STKA, STKA, SJJI, etc.

Text containing coordinates and error ellipses: IDC 20 03:22:51.4:1.9, 5:12S-153.77E, h0km, mb3.2/3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Keravat (AS076), Warramunga Arr, ASAR Alice Springs, etc.

Text containing coordinates and error ellipses: CNR 20 03:35:49.9, 35:17N:7:00W, h0km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Melilla, Isla Isabel II, Luja Guajares, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Keravat (AS076), Keravat, Keravat, etc.

Table with columns: HNR, Honiara, 6.12 121, LR, LR, 03 42 07.3, etc. Includes stations like HNR, PMG, PMG, etc.

Text containing coordinates and error ellipses: IDC 20 03:38:49.5:1.1, 29:23N:132:18E, h0km, mb3.8/6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Minatitane, Yakushimahirau, Tanegashima 3, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Keravat (AS076), Keravat, Keravat, etc.

Table with columns for flight codes (e.g., CNSH, USA0B, USRKB), destinations (e.g., ChangSha, Ussuriysk Arra, Wuhan), times, and status indicators (e.g., P, S, Pmax).

Table with columns for flight codes (e.g., BNX, SHEM, NONG), destinations (e.g., Shemya Is, Ala, Enshi), times, and status indicators (e.g., P, S, Pmax).

Table with columns for flight codes (e.g., HEH, VNDA, CMAR), destinations (e.g., Vanda, Chiang Mai Arr, Scott Base), times, and status indicators (e.g., P, S, Pmax).

20d 4h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MND, PBA, DGPB, etc.

2016 DEC

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GOMU, P18K, BOD, etc.

1486

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like J20K, J20K, J20K, etc.

ANMO Albuquerque baz=263	97.69	56	P	Pdif	04 35 03.1 +0.6	BELG Belgoyrnove	112.35	323	i/PKIKP	PKIKP	04 40 03.4 +0.6	SCO Scoresbysund comp=Z,7um,20.0s	119.75	1	IAMS_20	IAMS_20	05 29 17.5	
ANMO Albuquerque baz=263	97.69	56	P	Pdif	04 35 02.7 +0.1	BELG						BCIP Isla Barro Col comp=Z,7um,20.0s	119.93	85	IAMS_20	IAMS_20	05 20 57.8	
ANMO Albuquerque	97.69	56	P	P	04 35 02.5 0.0	HQIZ Hanson Quarry C	112.36	49	IAMS_20	IAMS_20	05 22 07.1	SSPA Standing Stone baz=283	119.96	49	PKIKP	PKPdif	04 40 16.7 -1.2	
ANMO				pmax		Lozovero	112.63	341	IAMS_20	IAMS_20	05 04 06.6	SSPA Standing Stone baz=283	119.96	49	PKIKP	PKPdif	04 40 18.2 +0.3	
S22A 4UR Ranch, Cre baz=263,SNR=7.1	97.73	53	P	Pdif	04 35 03.1 +0.3	WVT Waverly	112.89	55	IAMS_20	IAMS_20	05 20 19.6	DY2G Dye2	120.80	12	i/P	PKPdif	04 40 17.8 -1.2	
RWWY Rawlins	97.91	49	IAMS_20	IAMS_20	05 13 21.9	VADS VADS VADS VADS	112.96	344	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 50 52.6 +0.4 04 50 27.7 +5.2 04 56 37.0 +4.1 05 28 12.7	DY2G						
PMSA Palmer Station	97.93	162	LR	LR	05 11 53.1	VGUHV comp=Z,9um,4.1s baz=279	113.17	79	IAMS_20	IAMS_20	05 19 55.5	VSU Vasula	120.81	334	eP	PKPdif	04 40 18.6 -0.2	
MNTX Cormudas Mount baz=263	98.19	59	P	Pdif	04 35 04.8 +0.1	APA Apatity	113.21	341	i/PKIKP	PKIKP	04 40 15.6 +1.2	VSU Vasula	120.81	334	i/PKIKP	PKPdif	04 40 18.4 -0.5	
MNTX Cormudas Mount baz=263	98.19	59	P	P	04 35 04.6 0.0	DAG Danmarks Havn	113.46	360	i/P	PKIKP	04 40 03.6 -0.7	ANN Anapa	120.86	316	i/PKIKP	PKIKP	04 40 20.0 +0.5	
VNA3 Neumayer Olymp	98.49	183	P	P	04 35 02.9 -2.3	LRAL Lakeview Retre	113.77	58	PKIKP	PKIKP	04 40 05.9 -0.2	ANN						
K22A Casper	98.52	48	P	Pdif	04 35 07.2 +1.1	KEV Kevo	113.82	344	IAMS_20	IAMS_20	05 32 58.5	ANN						
K22A Casper	98.52	48	Pdif	Pdif	04 35 07.5 +1.4	WCI Wyandotte Cave baz=276	113.93	53	PKIKP	PKIKP	04 40 06.3 0.0	ANN						
BVA0 Borovoye Array	98.54	322	i/P	LR	04 35 04.5 -1.1	KLMM Klimovskoe	113.99	333	i/PKIKP	PKIKP	04 40 03.0 -2.7	ANN						
BVA0 Borovoye Array	98.54	322	LR	LR	05 20 32.7	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	P	P	04 35 05.1 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	IAMB	IAMB	04 35 25.7	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2 04 51 03.3 -8.2 05 14 11.4 05 21 02.9 05 31 40.3	ANN						
BRVK Borovoye	98.61	322	i/P	Pmax	04 35 05.0 -0.9	KLMM Klimovskoe	113.99	333	ePP eSP eSS eVMS_BB	PP SP SS IVMS_BB	04 40 03.0 -2.7 04 40 58.2 -1.6 04 43 35.8 -3.2							

20d 4h

Table with columns for station name, frequency, power, and signal quality. Includes stations like BRTR1, BRTR2, BRTR3, etc., and various other channels.

2016 DEC

Table with columns for station name, frequency, power, and signal quality. Includes stations like DPC Dobruska-Polom, DPC DPC, DPC Buzias, etc., and various other channels.

1490

Table with columns for station name, frequency, power, and signal quality. Includes stations like EKA, ESK, SOKA, PDG, TIR, etc., and various other channels.

Table with columns: MORF, IAMS_20, IAMS_20, 05 54 52.9, and various station names like MORF Marnele, ROSB Rosio, etc.

IDC 20 04:33:44.9, 0.5, 6.76S, 153.87E, h0km, mb4.5/20, mbmp4.5/24, ML3.7/4, Error ellipse: s-maj=18.1km s-min=12.6km az=89.0

NEIC 20 04:33:46.3, 1.9, 6.73S, 0.07x153.88E, 0.09, h10km, 1km, mb5.1/31, Error ellipse: s-maj=15.0km s-min=10.8km az=71.0

DJA 20 04:33:47.6, 0.5, 7.3S, 15.15E, h10km, M5.2/12, mB6.3/2, mb5.0/12, MLV5.3/2, Mw(mB)6.0/2

ISC-EH 20 04:33:47.1, 0.7, 7.95S, 153.87E, h19km, Error ellipse: s-maj=6.6km s-min=5.1km az=97.0

MOS 20 04:33:47.2, 1.0, 6.75S, 153.81E, h28km, mb5.1/19, Error ellipse: s-maj=11.4km s-min=8.6km az=93.6

BUJ 20 04:33:51.3, 0.0, 6.24S, 153.95E, h33km, mb4.7/30, mB5.7/11, Ms5.8/5, Ms7.5/7.5

ISC 20 04:33:50.0, 0.4, 6.75S, 0.05x153.86E, 0.06, h35km, n118, 1538/123, mb4.9/56, 5C-2D, New Britain region

Main table for station 1491, listing station names, codes, and various parameters like Time, Res, ISC, etc.

Main table for station 2016 DEC, listing station names, codes, and various parameters like Time, Res, ISC, etc.

Main table for station 20d 4h, listing station names, codes, and various parameters like Time, Res, ISC, etc.

INET 20 04:55:16.4, 0.7, 13.06N, 86.68W, h9km, 5km, MW2.7, SNET 20 04:55:16.6, 0.6, 12.89N, 86.65W, h34km, 85km, ML2.6

ISC 20 04:55:16.3, 1.5, 13.05N, 0.09x86.71W, 0.09, h10km, n6, 0553/9, Nicaragua

Table for station INET/SNET/ISC, listing station names, codes, and various parameters like Time, Res, ISC, etc.

20d 5h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, WRA Warramunga Arr, ASAR Alice Springs, SONMI Songino Array, ILAR Eielson Array, NVAR Mina Array Bea, MKAR Makanchi Array, YKA Yellowknife Ar.

TUL 20 05:03:26.1+0.5, 36.445N+0.009:98.78W+0.01, h7km, 3km, ML3.5, mb, Lg3.3/85(NEIC), Error ellipse: s-maj=1.7km s-min=1.2km az=71.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK038 West end E0370, U32A Winter Ranch, U32A Winter Ranch, U32A Winter Ranch, NOKA Waynoka, OK035 E210 Rd and N, OK032 Salt Plains WL, CROK Carrier, ELIS Ellis County, ELIS Ellis County, CSTR Hydro, Custer.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAN14 Manchester OK, G002 Grant County OK, KAH10 Anthony SW, Sta, KAN05 Bluff City NW, KAN08 Anthony NE Sta, KAN12 Harper NE Sta, KAN01 Argonia South, KAN06 Argonia West S, KAN09 Caldwell Nth, KAN13 South Haven SW, BCOK Bluff Creek, N, KS21 Milan North St, OK029 Liberty Lake, OK20 Mayfield South, BLOK Blackfoot, OK025 Westminster Rd, OK050 Pawnee Station, OK048 Pawnee Station, OK045 Pawnee Station, OK046 Pawnee Station, OK044 Pawnee Station, FNO Franklin, OK031 S. Brethren Rd, OK052 Battle Ridge R, OK053 SW of W Deep R, OK030 Cody Creek NW, WMOK Wichita Mounta, WMOK Wichita Mounta.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK034 N. Norfolk Rd, T35A Sooner Cottage, T35A Sooner Cottage, T35B Sooner Cottage, T35B Sooner Cottage, DEOK Dewep, R32A Long Quarter, R32A Long Quarter, R32A Long Quarter, TUL1 Leonard, TUL1 Leonard, CBKS Cedar Bluff, LOOK Love County, LOOK Love County, AMTX Amarillo, RLO Rose Lookout, KSU1 Kansas State U, KSU1 Kansas State U, KSU1 Kansas State U, X37A Clayton, X37A Clayton, X37A Clayton, Z35A Perchavan, S, Z35A Perchavan, S, U38A Gravette, U38A Gravette, ABTX Abilene, Hawle, ABTX Abilene, Hawle, HHAR Hobbs, HHAR Hobbs, KSCO Kaye Shedlock, KSCO Kaye Shedlock, KSCO Kaye Shedlock, MSTX Muleshoe, N33B J Bar K, Exete, N33A J Bar K, Exete, Z38A Mt. Pleasant, S39A Bolivar, WHXY Lake Whitney, WHXY Lake Whitney, T25A Trinidad, T25A Trinidad, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida.

2016 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BGNE Belgrade, 237A Washetta, 237A Washetta, OGNE Ogallala, P38A Dawn, P38A Dawn, MGMO Mountain Grove, WHAR Woolly Hollow, WLAR White Oak Lake, UALR University of, R40A Maddies Statio, R40A Maddies Statio, SDCO Great Sand Dun, SDCO Great Sand Dun, Q24A Divide, 435B Jarrell, NATX Nacogdoches, Z41A Richland Creek, Z41A Richland Creek, JCT Junction City, BRIG Brigadade, K31A O'Neill, CCAR Cane Creek, ISCO Idaho Springs, HBAR Harrisburg, SCIA State Center, Y22D IRIS PASSCAL I, SLM Saint Louis, PHWY Pilot Hill, N23A Red Feather La, MNTX Cornudas Mnt, MNTX Cornudas Mnt, CGM3 Cape Girardeau, ECSD EROS Data Cent, LXND Lenox, S44A Carbondale, S44A Carbondale, W45A Hickory Valley, TX31 Lajitas Ar, Si, RWWY Rawlins, K22A Casper, RSSD Black Hills, JFW5 Jewell Farm.

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

IDC 20 05:05:31.1-2.3, 6.91S, 129.35E, h0km, mb3.4/1, mbmtp3.5/3, ML3.8/2, Error ellipse: s-maj=145.7km s-min=32.7km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GVZ Greta Valley S, GVZ Greta Valley S, KHZ Kahutara, KHZ Kahutara, AMCZ Amberley, LTZ Lake Taylor, THZ Tophouse, THZ Tophouse, OXZ Oxford, MICAZ Murchison, OKCZ Okains Bay, MQZ McQueen's Vall, BWOZ Blackbirch Sta, INZ Inchbonnie, INZ Inchbonnie, AKCZ Akaroa Harbour, RACZ Rakai, CMWZ Cape Campbell, MRNZ Matariki Terra, DSJ Denniston Nort, MHZ Mount Hutt, TWF Tuamarina, INZ Nelson, WACZ Wakanu South, TKNZ Takaka Hill, VVW Waitaha Valley, TCW Tory Channel, RPZ Rata Peaks, RPZ Rata Peaks, ARCZ Arundel, SNZO South Karori, QRZ Quartz Range, QRZ Quartz Range, WEL Wellington, DUWZ D'Urville Isla, PLWZ Palliser.

1492

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GCSZ Gaunt Creek Bo, CAW Cannon Point, PAWZ Paruwai Farm, PAWZ Paruwai Farm, TMV Timaru, KMW Kapiti Island, TRWZ Travelers Bay, OGWZ Otaki Grove, FOZ Fox Glacier, HMWZ Holdsworth Sta, TMWZ Te Maipa, LBZ Lake Benmore, PRVZ Port Victoria R, TIWZ Tintock, ODZ Otahua Downs, ODZ Otahua Downs, PRWZ Port Road, PRWZ Port Road, BFZ Birch Farm, BFZ Birch Farm, WAZ Wanganui, NMEZ Namu Road, JCZ Jackson Bay, JCZ Jackson Bay, LREZ Lake Rotokare, ANWZ Angora Road, TSZ Takapari Road, KHEZ Kahui Hut, KHEZ Kahui Hut, NBHZ Newby Road No, NEZ North Egmont, PKE Pukeiti, WKZ Wanaka, DREZ Durham Road, PRVZ Port Victoria R, HHSZ Highcliff Hill, PNHZ Pukenui, WPHZ Waipukurau, EAZ Earnscleugh, MIHEZ Mangahewa, MIHEZ Mangahewa, TRVZ Turoa, TRVZ Turoa, PKVZ Pokaka, MOVZ Moahango, WNVZ Wahianoa, TRVZ Turoa, DRZ Dome Shelter, WHVZ Whangaehu Hut, FWVZ Far West T-bar, BHHZ Black Hill Sta, KRHZ Kereru, TRVZ Turoa, NGZ Ngauruhoe, NGZ Ngauruhoe, SNVZ South Ngauruho, OTVZ Otutere, TWVZ Taurewa, NNVZ North Ngauruho, NNVZ North Ngauruho, TVZ Tongariro, TVZ Tongariro, TUZ Tuapeka, ETVZ East Tongariro, KAHZ Kahurangi, KRVZ Karewareka, KRVZ Karewareka, MNTX North Tongariro, MNTX North Tongariro, KWHZ Kaweka Forest, KATZ Kakarama, RITZ Rihia Road, BKZ Black Stump Fm, BKZ Black Stump Fm, HIZ Hauri, HIZ Hauri, MLZ Mavora Lakes, MLZ Mavora Lakes, W45A Wairara, W45A Wairara, NMHZ Naumai, NMHZ Naumai, SYZ Scrubby Hill, SYZ Scrubby Hill, TLZ Tolley Road, MTHZ Mautanganuihwa, WHZ Waerahi, RAHZ Rarangi, TOZ Tauroa Road, URZ Urewera, URZ Urewera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Urewera, APZ The Paps, APZ The Paps, AWAZ Awitahi Peninsula, AWAZ Awitahi Peninsula, MKAZ Moutaki, MKAZ Moutaki, TWGZ Tauwhareparea, TWGZ Tauwhareparea, RUGZ Raukumara Rang, RUGZ Raukumara Rang, ETAZ East Tamaki Re, ETAZ East Tamaki Re, MBAZ Motutapu North, MBAZ Motutapu North, WIAZ Waiteke Island, WIAZ Waiteke Island, PKGZ Pukaki, PKGZ Pukaki, KUZ Kuatoutu, KUZ Kuatoutu, MXZ Matakaoa Point, MXZ Matakaoa Point, OUZ Omahuta, OUZ Omahuta, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES ARCES Array B, ARCES ARCES Array B, BRTR Keskin Array B, BRTR Keskin Array B, TORD Tord Ar, Bea, TORD Tord Ar, Bea, FINES FINES Array B, FINES FINES Array B, IDC 20 05:04:49.6+1.0, 6.25S, 154.26E, h0km, mb4.0/8, mbmtp4.1/10, ML3.6/2, MS4.2/1, Error ellipse: s-maj=31.3km s-min=20.3km az=104.0

Table with 5 columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILAR Eielson Array, QSPA South Pole Qui, TORD Torodi Ar. Bea.

IDC 20 05:34:00.94.4.1, 49N, 97.22E, h0km, mb3.6/4, mbtmp3.6/4, MS4.1/1, Error ellipse: s-maj=170.6km s-min=31.9km az=56.0

DJA 20 05:34:05.1.0.6.2, N5.5, 97.7E, s=10km, M3.6/11, MLV3.6/11

ISC 20 05:34:04.7.1.2, 1.4N, 0.1, 97.0E, 0.1, h28km, n16, s102/12, mb3.6/4, Off west coast of northern Sumatra

Table with 5 columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, SNSI Sinabang, ACeh, PBIISI Pulau, KCSI Kotacane, ACeh, TSI Tuntang, MNSI Mandailing Nat, MLSI Meulaboh, ACeh, LHMI Lhok Sumawe, KAPI Kappad, H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, WRA Warramunga Arr, SONM Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam.

IDC 20 05:39:00.7.5.7, 4.58S, 153.62E, h123km, 35km, mb3.4/4, mbtmp4.0/5, Error ellipse: s-maj=66.4km s-min=25.3km

ISC 20 05:38:57.2.1.5, 4.6S, 0.2, 153.9E, 0.2, h100km, n7, s082/8, mb3.6/4, New Ireland region

Table with 5 columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, BVAR Borovoye Array, TORD Torodi Ar. Bea.

IDC 20 05:46:17.3.3.8, 6.52S, 154.04E, h0km, mb3.4/2, mbtmp3.4/2, Error ellipse: s-maj=174.3km s-min=52.3km az=126.0, Bougainville-Solomon Islands region

Table with 5 columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea.

ROM 20 05:47:01.4.0.1, 42.872N, 0.004, 13.239E, 0.004, h12km, ML1.8/1.1, 13C-5D, Error ellipse: s-maj=0.4km s-min=0.3km az=5.0, Central Italy

Table with 5 columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1245 Castelsantange, T1245 comp=N,3570um,0.7s, T1245 comp=N,2155um,0.3s, T1245 comp=N,3600um,0.2s, T1245 comp=N,2030um,0.3s, MC2 Monte Cornacci, MMO1 Montemonaco, NRCA Norcia, T1256 Bologna (MC), T1241 Roccafluvione, T1241 comp=N,568um,0.8s, T1241 comp=N,294um,0.1s, T1216 Preci, Frazion, FEMF Monte Fema, FDMO Fiordimonte, FDMO comp=N,383um,0.2s, GUMA Gualdo di Mace, GUMA Gualdo di Mace, CSP1 Cessapalombo, T1218 Civita (PG).

Table with 5 columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1218 comp=N,207um,1.6s, T1243 Rocca Santa Ma, T1219 Muccia, Frazio, T1219 comp=N,328um,0.3s, T1219 comp=N,242um,0.6s, SMA1 SAN MARTINO, CESI CESI - Serrava, CESI CESI, CESI CESI, T1215 Vallo di Nera, LNSS Leonessa, RM33 Pellescritta (T), TNGT Esanatoglia, SNTG SNTG, SNTG comp=N,65um,1.6s, SNTG comp=N,54um,1.4s, T1211 Morro Reatino, ASSB Assisi San Ben, EL6 Elcito, PGS Gran Sasso, VCEL Villa Cellera, ARVD Arcevia, PE3 Peglio, VIVA Pratonni del Vi.

ROM 20 05:47:27.9.0.0, 42.774N, 0.002, 13.057E, 0.004, h11km, ML2.5/34, 13C-4D, Error ellipse: s-maj=0.3km s-min=0.1km az=266.0, Central Italy

Table with 5 columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NRCA Norcia, NRCA NRCA, NRCA comp=N,917um,1.1s, NRCA comp=N,931um,0.1s, NRCA comp=N,916um,1.1s, NRCA comp=N,2340um,0.2s, NRCA comp=N,916um,0.9s, NRCA comp=N,2490um,0.2s, T1218 Civita (PG), T1218 T1218, T1218 comp=N,390um,1.0s, T1218 comp=N,679um,0.2s, T1218 comp=N,675um,0.5s, T1218 comp=N,3725um,0.9s, T1218 comp=N,675um,0.4s, T1218 comp=N,679um,1.8s, T1216 Preci, Frazion, T1216 T1216, T1216 comp=N,661um,0.2s, T1216 comp=N,955um,0.2s, T1216 comp=N,957um,0.3s, T1216 comp=N,957um,1.7s, T1216 comp=N,661um,0.3s, T1245 Castelsantange, T1245 T1245, T1245 comp=N,1540um,0.7s, T1245 comp=N,958um,0.7s, T1245 comp=N,917um,1.5s, T1245 comp=N,1435um,0.2s, T1215 Vallo di Nera, T1215 T1215, T1215 comp=N,1755um,0.7s, T1215 comp=N,371um,0.3s, T1215 comp=N,379um,0.3s, T1215 comp=N,191um,1.1s, T1215 comp=N,370um,0.3s, T1215 comp=N,191um,1.1s, T1215 comp=N,175um,0.7s, T1215 comp=N,191um,0.9s, MC2 Monte Cornacci, LNSS Leonessa, LNSS LNSS, LNSS comp=N,579um,0.6s, LNSS LNSS, LNSS comp=N,514um,0.3s, LNSS LNSS, LNSS comp=N,579um,1.4s, FEMF Monte Fema, FEMF FEMF, FEMF FEMF, FEMF comp=N,498um,0.2s, FEMF comp=N,497um,0.6s, MMO1 Montemonaco, SMA1 SAN MARTINO, SMA1 SMA1, SMA1 SMA1, SMA1 SMA1, SMA1 SMA1, SMA1 SMA1, CESI CESI - Serrava, CESI CESI, CESI CESI, FDMO Fiordimonte, FDMO FDMO, FDMO FDMO, T1256 Bologna (MC), T1256 T1256, T1256 comp=N,1280um,0.4s, T1256 comp=N,1230um,0.4s, T1256 comp=N,1180um,0.4s, T1256 comp=N,1200um,0.3s, T1256 comp=N,128um,0.4s, T1211 Morro Reatino, T1211 T1211, T1211 comp=N,1830um,0.3s.

Table with 5 columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T1211 comp=N,2495um,0.3s, T1211 comp=N,2440um,0.3s, T1211 comp=N,1825um,0.3s, T1211 comp=N,2440um,0.3s, T1211 comp=N,1875um,0.3s, T1211 comp=N,2440um,1.7s, T1211 comp=N,2495um,1.7s, T1219 Muccia, Frazio, T1219 comp=N,1130um,0.3s, T1219 comp=N,1140um,0.4s, T1219 comp=N,1120um,0.3s, T1219 comp=N,1120um,1.2s, T1241 Roccafluvione, T1241 comp=N,872um,0.8s, T1241 comp=N,1475um,0.2s, T1241 comp=N,872um,0.8s, ARRO Aronne, ARRO ARRO, ARRO ARRO, ARRO comp=N,648um,0.8s, ARRO comp=N,109um,0.2s, RM33 Pellescritta (T), RM33 RM33, RM33 comp=N,858um,0.2s, RM33 comp=N,815um,0.2s, RM33 comp=N,836um,0.2s, RM33 comp=N,816um,0.2s, RM33 comp=N,837um,0.2s, RM33 comp=N,798um,0.2s, RM33 comp=N,857um,0.2s, T1243 Rocca Santa Ma, T1243 Cessapalombo, CSP1 CSP1, CSP1 CSP1, CSP1 CSP1, CAMP Campotosto, GUMA Gualdo di Mace, GUMA GUMA, GUMA GUMA, GUMA GUMA, MOMA Monte Martano, MOMA MOMA, MOMA MOMA, MOMA MOMA, MOMA MOMA, MOMA MOMA, MOMA MOMA, MOMA MOMA, T1246 Crognaleto (TE), T1247 Pizzolo (AQ), T1247 T1247, T1247 comp=N,737um,0.5s, T1247 comp=N,755um,1.1s, CESX Cesi, CESX CESX, CESX CESX, CESX CESX, CESX CESX, ASSB Assisi San Ben, ASSB Assisi San Ben, ASSB Assisi San Ben, ASSB Assisi San Ben, SNTG Esanatoglia, SNTG SNTG, SNTG SNTG, SNTG SNTG, SNTG SNTG, OFFI Offida, OFFI OFFI, GIGS Gran Sasso, GIGS GIGS, GIGS GIGS, GIGS GIGS, FIAM Fiamignano, FIAM FIAM, FIAM FIAM, ATCC AVT- Casa Cast, ATCC ATCC.

KOSK	Kos Island	0.18	17	P	Pn	06 04 01.5	-0.7	CHOS	Chios	S	Sn	06 04 42.6	-0.3	comp=Z,2um,0.8s	BALB	Balikesir	3.15	14	Pn	Pn	06 04 33.5	+0.8	
KOSK						06 04 15.0	-3.0	CHOS	Chios island	1.93	340	PN	Pn	06 04 17.3	-0.1	BALB	Balikesir	3.15	14	PN	Pn	06 04 33.1	+0.4
KOSK						06 04 23.5		CHOS	Chios island	1.93	340	P	Pn	06 04 44.2	+0.7	BALB	Balikesir	3.15	14	P	Pn	06 04 33.8	+0.9
NISR	Nisiros	0.18	81	P	Pn	06 04 01.6	-0.6	CHOS	comp=E,20552um,1.2s			AML	AML	06 04 46.0		BALB	Balikesir	3.15	38	P	Pn	06 04 33.5	+2.1
NISR						06 04 13.2	-2.7								BALB	Balikesir	3.15	38	P	Pn	06 04 33.5	+6.5	
NISR	Nisiros	0.18	81	P	Pn	06 04 01.5	-0.7								BALB	Balikesir	3.15	38	P	Pn	06 04 34.0	+1.1	
NISR						06 04 13.2	-2.5								BALB	Balikesir	3.15	38	P	Pn	06 05 09.5	-1.1	
NISR						06 04 14.9									BALB	Balikesir	3.15	38	P	Pn	06 05 13.8	+0.7	
NISR	comp=N,94952um,1.1s					06 04 24.7									BALB	Balikesir	3.15	38	P	Pn	06 04 33.2	+0.4	
NIS1	Nisyros Isl.	0.21	85	P	Pn	06 04 01.7	-0.6								BALB	Balikesir	3.15	38	P	Pn	06 04 33.6	+0.6	
NIS1						06 04 13.2	-2.8								BALB	Balikesir	3.15	38	P	Pn	06 04 33.7	+0.2	
NIS1	Nisyros Isl.	0.21	85	PG	Pn	06 04 00.8	-1.5								BALB	Balikesir	3.15	38	P	Pn	06 04 33.6	+0.2	
NIS1	Nisyros Isl.	0.21	85	PG	Pn	06 04 01.5	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 33.4	-0.1	
NIS1						06 04 13.7	-2.3								BALB	Balikesir	3.15	38	P	Pn	06 05 07.2	+4.2	
NIS1						06 04 26.7									BALB	Balikesir	3.15	38	P	Pn	06 04 33.5	+6.5	
NIS1						06 04 24.8									BALB	Balikesir	3.15	38	P	Pn	06 04 34.0	+1.1	
DAT	Dataca	0.55	75	P	Pn	06 04 03.1	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 05 09.5	-1.1	
DAT						06 04 15.1	-3.7								BALB	Balikesir	3.15	38	P	Pn	06 05 13.8	+0.7	
DAT	Dataca	0.55	75	PG	Pn	06 04 02.5	-1.4								BALB	Balikesir	3.15	38	P	Pn	06 04 33.2	+0.4	
DAT						06 04 16.1	-2.7								BALB	Balikesir	3.15	38	P	Pn	06 04 33.9	+0.7	
BODT	Bodrum	0.57	34	P	Pn	06 04 02.8	-1.2								BALB	Balikesir	3.15	38	P	Pn	06 04 33.6	+1.1	
BODT						06 04 15.3	-3.6								BALB	Balikesir	3.15	38	P	Pn	06 04 34.3	+0.5	
BODT	Bodrum	0.57	34	PG	Pn	06 04 01.9	-2.0								BALB	Balikesir	3.15	38	P	Pn	06 04 33.7	+0.2	
BODT						06 04 02.7	-1.2								BALB	Balikesir	3.15	38	P	Pn	06 04 33.6	+0.2	
BODT						06 04 16.8	-2.1								BALB	Balikesir	3.15	38	P	Pn	06 04 33.4	-0.1	
BDRM	Kayabasi	0.64	41	P	Pn	06 04 02.2	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 05 07.2	+4.2	
BDRM						06 04 18.6	-1.1								BALB	Balikesir	3.15	38	P	Pn	06 04 33.7	+0.1	
DDIM	Aydin, Didim	0.91	17	P	Pn	06 04 06.8	+0.3								BALB	Balikesir	3.15	38	P	Pn	06 05 09.9	-2.4	
DDIM						06 04 23.3	-0.1								BALB	Balikesir	3.15	38	P	Pn	06 05 13.2	+0.4	
MLSB	Milas	0.99	44	PG	Pn	06 04 06.8	-0.4								BALB	Balikesir	3.15	38	P	Pn	06 04 34.9	+0.6	
MLSB						06 04 07.4	+0.2								BALB	Balikesir	3.15	38	P	Pn	06 05 01.3	+0.2	
MLSB	Milas	0.99	44	S	Pn	06 04 23.1	-1.4								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	P	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 34.6	+0.3	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.5	+1.1	
ARG	Arkhangelos	1.04	110	P	Pn	06 04 07.4	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 34.3	+0.5	
ARG						06 04 23.2	-2.3								BALB	Balikesir	3.15	38	P	Pn	06 04 35.3	+0.3	
ARG	comp=N,99um,0.7s					06 04 06.4	-1.3								BALB	Balikesir	3.15	38	P	Pn	06 04 34.0	+1.0	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG	Arkhangelos	1.04	110	PG	Pn	06 04 07.5	-0.2								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	
ARG						06 04 07.0	-0.8								BALB	Balikesir	3.15	38	P	Pn	06 04 35.2	+0.9	

20d 6h

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

2016 DEC

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

1496

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ARSA, ARZBERG, LIPTOVSKA ANNA, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KHC, MOTA, GROG, FETA, OSTC, GUPC, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like VSYD, PBUR, WLF, BGD, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SNART, LMK, STRD, KLMR, etc.

20d 6h

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

2016 DEC

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

1498

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

1499

Table with columns for station name, frequency, mode, and other technical details. Includes stations like ICESG Greenland Ices, SUMG Summit, and various other locations.

2016 DEC

Table with columns for station name, frequency, mode, and other technical details. Includes stations like KSR Koster, CRLN Carolina, MMAL, CD2 Chengdu, and various other locations.

20d 6h

Table with columns for station name, frequency, mode, and other technical details. Includes stations like BFON Badfontein, F64A Sherrin, E62A Clayton Lake, and various other locations.

20d 6h

2016 DEC

1502

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like K31A O'Neill, 352A Blakey, LAO Lasa Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like OK033 Mehah, OK030 Cody Creek RV, OK031 S. Brethren Rd, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ASAR Alice Springs, PLCA Paso Flores, BELA Belgrano 2, etc.

1503

comp=Z,1.7nm,0.8s,baz=260,slow=6.4,SNR=4.6
 GERES **GREZZ Array B 125.28 329 PKP PKPKP** 06 26 47.4 +0.3
 comp=Z,1.0nm,0.6s,baz=64,slow=3.1,SNR=8.8
BDFB Brasilia 149.86 135 PKP PKP 06 27 33.2 +0.9
 comp=Z,5.0nm,0.6s,baz=351,slow=3.4,SNR=4.3
BDFB 06 27 37.5 +0.4
 comp=Z,5.0nm,0.6s,baz=360,slow=1.1,SNR=5.3
TORD Torodi Ar. Bea 151.27 287 PKPb PKPb 06 27 39.8 -0.5
 comp=Z,3.5nm,0.6s,baz=45,slow=0.6,SNR=18

SOME 20 06:09:54.0, 43.77N; 76.80E
NNC 20 06:09:54.1, 2.0, 43.73N; 76.86E, h0km, mbl1.6, mpv2.1,
4C-2D, Error ellipse: s-maj=14.7km s-min=9.6km
az=57.0, Suspected Mining explosion., Lake Issyk-Kul
region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h m s	Time Res	ISC
CHKK	Chushkaly	0.16	38	P	Pg	06 09 57.4	+0.3	
CHKK	30m,0.2s			S	Sg	06 09 59.5	+0.4	
KUU	Kury	0.41	294	P	Pg	06 10 01.4	-0.5	
KUU	0.5nm,0.1s			S	Sg	06 10 06.1	-1.1	
KNCD	12m,0.2s	0.52	171	↑P	Pg	06 10 05.1	+1.0	
KNCD	9.8nm,0.2s			↑S	Sb	06 10 12.8	-1.4	
MDOK	Medeo	0.58	166	↑P	Pg	06 10 06.2	+0.9	
MDOK	1.2nm,0.5s			↓S	Sg	06 10 11.7	-1.2	
KRBS	Karabastau	0.86	268	P	Pg	06 10 10.2	-0.3	
KRBS	0.4nm,0.3s			S	Sg	06 10 21.1	-0.5	
TKM2	Tokmak 2	1.23	229	↑P	Pg	06 10 17.6	0.0	
TKM2	0.8nm,0.6s			↓S	Sb	06 10 34.6	-0.1	
TKM2	0.4nm,0.3s			↓S	Sb	06 10 34.6	-0.1	

IDC 20 06:14:40.3, 0.4, 5.74S; 153.51E, h0km, mb5.0/25,
mbtmp5.0/28, ML4.0/3, MS5.0/40, Error ellipse:
s-maj=15.9km s-min=10.4km az=79.0
NEIC 20 06:14:41.7, 2.5, 5.80S; 0.05S; 153.57E; 0.05, h1(0km), 1km,
mb5.2/122, Ms_20 5.3/69, Mww5.6, Error ellipse:
s-maj=9.7km s-min=7.4km az=152.0
MOS 20 06:14:42.8, 1.1, 5.64S; 153.29E, h2(1km), mb5.5/37,
MS5.0/4, Error ellipse: s-maj=9.4km s-min=5.9km
az=105.8
ISC-EH 20 06:14:44.0, 5.775S; 153.58E, h2km, 1km, Error ellipse:
s-maj=3.0km s-min=2.4km az=104.0
BUJ 20 06:14:45.5, 0.0, 5.37S; 153.73E, h4(4km), mb5.3/70,
mb5.7/50, Ms5.2/40, M7.5 5.0/39
GCMT 20 06:14:46.7, 0.2, 6.01S; 153.50E; 0.02, h2(2km),
MW5.6/136, Moment Tensor Solution. s75,c92;
s136,c237; S Duration: 196 Moment tensor: Scale 1017
Nm; Mn3.26e; 11; Mw: 2.17e; 06; Mm: 1.08e; 06;
M: 1.69e; 10; Mw: 0.81e; 04; Mw: 0.40e; 13; Best double
couple: M3: 4.0000e-10; NP1: 1.11.0000e-07; 860.0000e-07;
0.85.0000e-07; NP2: 3.02.0000e-07; 830.0000e-07; 1.99.0000e-07;
Principal axes: T: 3.7490, Plg74.0000; Azm7.0000; N
-0.6870, Plg5.0000; Azm114.0000; P: -3.0520,
Plg15.0000; Azm205.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
DJA 20 06:14:48.4, 0.5, 6.2S; 15.3E; h49km, 4km, M5.5/53,
mb5.8/19, mb5.4/53, ML5.8/3, MW(MB)5.4/19
NEIC 20 06:14:50.5, 8.90S; 153.54E, h1(2km), Moment Tensor
Solution. Duration: 180 Moment tensor: Scale 1017Nm;
M: 2.24; Mw: 1.83; Mw: 0.41; Mw: 2.33; Mw: 0.69; Mw: 0.13;
Fault plane solution: M3: 19000e-10; NP1:
0.302.0000e-07; 823.0000e-07; 1.11.0000e-07; NP2:
0.99.0000e-07; 869.0000e-07; 1.81.0000e-07; Principal axes: T
3.3079, Plg65.0000; Azm354.0000; N: -0.2428,
Plg8.0000; Azm102.0000; P: -3.0650, Plg23.0000,
Azm196.0000;

ISC 20 06:14:45.4, 0.3, 5.81S; 153.58E; 0.05, h35km, 2km,
m659, s1951/607, mb5.2/155, MS5.2/94, 19C-18B, New
Ireland region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h m s	Time Res	ISC
RABL	Rabaul	2.14	319	P	Pn	06 15 18.9	+0.2	
RABL	Rabaul	2.14	319	P	Pn	06 15 19.3	+0.6	
KNRV	Keravat (AS076)	2.16	314	Pn	Pn	06 15 17.1	-1.8	
KRVT	89nm,0.3s,baz=316,slow=2.8,SNR=4.8			S	Sn	06 15 44.0	-0.4	
KRVT	639nm,0.3s,baz=14,slow=21,SNR=7.3			LR	LR	06 16 02.8		
KRVT	comp=Z,2.3um,19.4s,baz=189,slow=40			LR	LR	06 16 02.8		
MANU	Manus Island	7.25	301	Pn	Pn	06 16 28.1	-0.8	
MANU	Manus Island	7.25	301	Pn	Pn	06 16 30.5	+1.7	
PMG	Port Moresby	7.30	240	Pn	Pn	06 16 29.1	-0.4	
PMG	21nm,0.3s,baz=55,slow=12,SNR=22			Sn	Sn	06 17 52.6	+1.4	
PMG	44nm,0.6s			LR	LR	06 19 24.9		
PMG	Port Moresby	7.30	240	Pn	Pn	06 16 28.6	-1.0	
PMG	Port Moresby	7.30	240	Pn	Pn	06 16 29.2	-0.4	
PMG	Port Moresby	7.30	240	Pn	Pn	06 16 28.6	-1.0	
COEN	Coen	13.06	231	Pn	Pn	06 17 45.3	-3.2	
COEN	Coen	13.06	231	Pn	Pn	06 17 48.0	-0.5	
JAY	Jayapura	13.25	284	Pn	Pn	06 17 51.8	+0.6	
PATS	Pohnpei	13.42	21	Pn	Pn	06 17 52.4	-1.1	
PATS	Pohnpei	13.42	21	Pn	Pn	06 17 51.5	-2.0	
PATS	Pohnpei	13.42	21	Pn	Pn	06 17 56.7	+3.2	
GENI	Geniem	13.76	283	Pn	Pn	06 17 57.2	-0.8	
TVIH	Townsville Har	14.91	206	Pn	Pn	06 18 15.7	+2.0	
MTSU	Mount Surprise	15.22	216	Pn	Pn	06 18 18.5	+0.6	
MTSU	Mount Surprise	15.22	216	Pn	Pn	06 18 15.7	+0.4	
CTA	Charters Tower	15.88	206	Pn	Pn	06 18 19.5	+1.6	
CTA	1.6nm,0.3s,baz=21,slow=12,SNR=15			LR	LR	06 18 26.6	+0.2	
CTA	comp=Z,3um,21.5s,baz=30,slow=34			LR	LR	06 18 26.6	+0.2	
CTAO	Charters Tower	15.88	206	Pn	Pn	06 18 26.0	-0.3	
CTAO	Charters Tower	15.88	206	Pn	Pn	06 18 28.6	-1.1	
CTAO	Charters Tower	15.88	206	Pn	Pn	06 18 26.0	-0.3	
CTAO	comp=Z,63nm,1.2s			pmax	pmax			
RKIH	Rockhampton Ha	17.72	189	P	P	06 18 51.4	+1.3	
KOUNC	Koum, New Ca	17.96	146	P	P	06 18 55.0	+2.3	
GD1S	Gladstone Soft	18.07	187	P	P	06 18 54.4	+0.5	
EIDS	Eidsvold	19.59	187	P	P	06 19 11.5	+0.9	
EIDS	19.59, SNR=19			P	P	06 19 10.2	-0.4	
EIDS	comp=Z,1.10nm,1.0s			Iamb	Iamb	06 19 15.6		
EIDS	Eidsvold	19.59	187	Pn	Pn	06 19 12.0	-0.1	
LIFNC	LIFOU	19.92	140	Pn	Pn	06 19 15.7	+0.4	
LIFNC	LIFOU	19.92	140	Pn	Pn	06 19 18.3	+2.3	
GIS	Mount Isa	19.97	222	P	P	06 19 14.2	-0.7	
GIS	19.97, SNR=23			P	P	06 19 14.2	-0.7	
QIAW	Mount Isa	19.97	222	P	P	06 19 14.8	0.0	
KISW	Kwajalein Atol	20.16	44	IAMS_20	IAMS_20	06 26 23.0		
DZM	Mont Dzumac	20.39	144	ePn	Pn	06 19 20.7	-1.0	
DZM	comp=Z,48nm,0.9s,baz=336,slow=16,SNR=16			eS	S	06 23 02.0	-4.2	
DZM	comp=Z,1.75nm,1.0s			eS	S	06 23 02.0	-4.2	
DZM	comp=Z,4um,23.4s			eLR	LR	06 24 11.8		
DZM	comp=Z,7um,21.5s			P	P	06 19 20.4	+0.9	
DZM	Mont Dzumac	20.39	144	P	Iamb	06 19 36.2		

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DZM	Mont Dzumac	20.39	144	P	Pn	06 19 21.0	-0.7	
ONTC	Ouen Toro	20.58	144	P	Pn	06 19 26.3	+2.5	
TARA	Tarawa	20.58	70	IAMS_20	IAMS_20	06 27 58.4		
TARA	20.58um,18.0s							
TARA	Tarawa	20.58	70	P	Pn	06 19 25.4	+1.5	
YATNC	Mamie plateau,	20.65	143	P	Pn	06 19 27.5	+2.9	
OUENC	Ouen Island, N	20.89	143	P	Iamb	06 19 26.1	+1.3	
OUENC	comp=Z,226nm,1.8s							
OUENC	Ouen Island, N	20.89	143	P	Pn	06 19 27.7	+0.3	
MARNC	Mare, Loyalty	20.94	139	P	Pn	06 19 27.0	-1.0	
MARNC	Mare, Loyalty	20.94	139	P	Pn	06 19 28.5	+0.6	
AUSHS	Beewah State	20.94	182	P	P	06 19 27.3	-0.6	
RMQ	Roma	21.07	192	P	P	06 19 26.9	+0.2	
RMQ	comp=Z,21.13,SNR=102							
RMQ	Roma	21.07	192	P	P	06 19 26.6	+3.0	
GUMO	Guam	21.13	336	LR	LR	06 28 26.9		
GUMO	comp=Z,2um,18.7s,baz=152,slow=39							
FUKI	Fak Fak	21.45	277	P	P	06 19 28.5	+1.2	
FUKI	Fak Fak	21.45	277	P	P	06 19 29.3	-1.7	
FAKI	Fak Fak	21.46	277	P	P	06 19 29.2	-1.8	
FAKI	comp=Z,52nm,1.0s							
FAKI	Fak Fak	21.46	277	P	P	06 19 30.8	-0.2	
AUNSH	Waveli State H	21.47	181	P	P	06 19 33.5	+2.5	
FWH	Towomba 1 Ha	21.47	181	P	P	06 19 33.1	+0.2	
KDU	Kakadu	21.91	250	P	P	06 19 33.5	-2.3	
KDU	comp=Z,22,SNR=27							
KDU	Kakadu	21.91	250	P	P	06 19 35.4	-0.4	
GC1S	Gold Coast 1 S	22.23	180	P	P	06 19 39.8	+0.5	
QLP	Quilpie	22.50	202	P	P	06 19 41.3	-0.7	
QLP	comp=Z,23,SNR=13							
QUILP	Quilpie	22.50	202	P	P	06 19 42.0	0.0	
SIJI	Sorong	22.81	282	P	P	06 19 44.4	-1.1	
SIJI	comp=Z,33nm,0.6s,baz=46,slow=7.8,SNR=11			LR	LR	06 30 11.1		
SIJI	comp=Z,2um,18.3s,baz=80,slow=41							
SWI	Sorong	22.82	282	P	P	06 19 45.7	+0.2	
MTN	Manton Dam	23.21	251	P	P	06 19 48.9	-0.6	
MTN	comp=Z,28nm,0.8s							
MTN	Manton Dam	23.21	251	P	P	06 19 47.8	-1.7	
MTN	comp=Z,28nm,0.8s							
WRO	Warramunga Arr	23.25	231	Iamb	Iamb	06 20 07.8	-2.0	
WRO	comp=Z,74nm,1.1s							
WB0	Warramunga Arr	23.25	232	Iamb	Iamb	06 20 00.3		
WB0	comp=Z,29nm,1.2s							
WRAB	Tennant Creek	23.38	231	P	P	06 19 48.5	-2.6	
WRAB	Tennant Creek	23.38	231	P	P	06 19 50.3	-0.8	
WRAB	Tennant Creek	23.38	231	eP	pmax	06 19 50.8	-0.3	
WRAB	comp=Z,64nm,1.3s							
WB2	Warramunga Arr	23.38	231	P	P	06 19 49.9	-1.3	
WB2	comp=Z,23,SNR=4.1							
WB2	Warramunga Arr	23.38	231	Iamb	Iamb	06 20 14.0		
WB2	comp=Z,57nm,1.1s							
WRA	Warramunga Arr	23.39	231	P	PcP	06 19 50.0	-1.	

20d 6h

Table with columns for station code, name, frequency, power, and status. Includes stations like MAJO Matsushiro, MJB9 Cimerak, JHS Saijo, etc.

2016 DEC

Table with columns for station code, name, frequency, power, and status. Includes stations like BJI Beijing, TYV Tynovskoe, TBI Tubuai, etc.

1504

Table with columns for station code, name, frequency, power, and status. Includes stations like MA2 Magadan, TAOE Nuku Hiva Isla, GTA Gaotai, etc.

1505

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like L20K, TIXI, GCSA, etc.

2016 DEC

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like SATY, J25K, L26K, etc.

2020 6h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like DLBC, DZA, DZA, etc.

NOU 20:07:01.41.4.21.775.170'61E, h0km, ML4.8/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Code	Station Name	A°	AZ°	Phase ID	Time Res	ISC
MARNC	Mare, Loyalty	2.42	276	Op	ISC	h m s
LIFNC	LIFOU	3.29	287	P	Pn	07 02 23.3 +0.1
YATNC	Mamie plateau,	3.46	265	P	Pn	07 02 36.2 -0.4
OUENC	Ouen Island, N	3.55	259	P	Pn	07 02 37.8 0.0
DZM	Mout Dumzac	3.88	265	P	Pn	07 02 42.3 -0.1
ONTNC	Ouen Toro	3.89	261	P	Pn	07 02 42.5 0.0
RTV	Rentapao	4.46	332	P	Pn	07 02 50.2 -1.1
DVP	Devils Point	6.03	320	P	Pn	07 02 51.4 -0.2
KOUNC	Koumac, New Ca	6.03	320	P	Pn	07 03 12.5 +0.7

UCR 20:07:03.45.8.1.2.9.38N.84.61W, h5km, MW3.7
INET 20:07:03.46.0.4.9.43N.84.54W, h10km,3km, MW3.0
ISC 20:07:03.45.7.1.3.936N.0.05.84.59W, 0.03, h13km, 10km, n48, r081/58, 2C-1D, Costa Rica

Code	Station Name	A°	AZ°	Phase ID	Time Res	ISC
JACO	JACO, Garabito	0.30	347	Op	ISC	h m s
JACO	JACO, Garabito	0.30	347	eS	Pg	07 03 52.4 +0.4
JACO	JACO, Garabito	0.30	347	eS	Pg	07 03 52.5 +0.4
JACO	JACO, Garabito	0.30	347	eS	Pg	07 03 57.3 -0.7
LAFE	Finca La Fe, P	0.54	325	eS	Pg	07 03 56.9 +0.5
LAFE	Finca La Fe, P	0.54	325	eS	Pg	07 03 56.5 +0.5
LAFE	Finca La Fe, P	0.54	325	eS	Pg	07 04 05.2 +0.3
LCR2	La Lucha 2	0.69	57	eP	Pg	07 03 59.1 -0.1
LCR2	La Lucha 2	0.69	57	eP	Pg	07 03 59.1 -0.1
SRD1	San Ramn	0.73	9	eP	Pg	07 03 59.5 -0.4
EDDO	Dominical	0.73	99	eP	Pg	07 04 00.7 +0.4
HDC	Heredia	0.79	37	eP	Pg	07 04 00.9 -0.3
HDC	Heredia	0.79	37	eP	Pg	07 04 00.9 -0.3
RIMA	Rio Macho	0.82	61	eP	Pg	07 04 01.5 -0.3
RIMA	Rio Macho	0.82	61	eP	Pg	07 04 01.5 -0.3
CDM	Cerro de Muert	0.84	77	eP	Pg	07 04 02.8 +0.3
CDM	Cerro de Muert	0.84	77	eP	Pg	07 04 02.1 +0.8
PEZE	Perez Zeledon,	0.90	89	eP	Pg	07 04 03.3 +0.1
PEZE	Perez Zeledon,	0.90	89	eP	Pg	07 04 03.3 +0.1
HAYA	Volcan Irazu	0.96	50	eP	Pg	07 04 05.1 +0.6
JTS	Las Juntas de	0.99	339	eP	Pg	07 04 03.5 -1.4
INDI	Punta indio, G	1.03	299	eP	Pg	07 04 03.8 -1.8
CASO	Castillo	1.07	352	eP	Pg	07 04 05.5 -0.9
CASO	Castillo	1.07	352	eS	Sb	07 04 20.2 0.0
CEDE	Laguna Cedeo	1.12	354	eP	Pg	07 04 06.8 -0.6
DUNO	Dulce Nombres,	1.14	309	eP	Pg	07 04 05.7 -2.0
EDPN	Palmar Norte	1.19	109	eP	Pg	07 04 07.6 -1.1
SRBA	San Rafael, Bu	1.22	96	eP	Pg	07 04 06.5 -0.8
SAJU	San Juanillo,	1.31	302	eP	Pg	07 04 02.1 -2.1
SAJU	San Juanillo,	1.31	302	eP	Pg	07 04 14.2 +3.3
ORTG	Ortega, Santa	1.31	319	eP	Pg	07 04 09.5 -0.4
ORTG	Ortega, Santa	1.31	319	eP	Pg	07 04 09.6 -0.3
ACAL	Agua Claras	1.34	341	eP	Pn	07 04 09.8 -0.5
ACAL	Agua Claras	1.34	341	eP	Pn	07 04 28.2 +0.3
COVE	Coope Venosa,	1.36	8	eP	Pn	07 04 09.5 -0.9
PTEN	Parque Teogo,	1.40	344	eP	Pn	07 04 10.9 -0.2
CUI	Cuipilapa	1.40	336	eP	Pn	07 04 10.7 -0.4
CUI	Cuipilapa	1.40	336	eS	Sg	07 04 30.6 -0.5
COLC	Colonia	1.43	335f	eP	Pn	07 04 11.1 -0.3
COLC	Colonia	1.43	335f	eP	Pn	07 04 11.0 +0.8
HORNC	Hornillas	1.46	337	eP	Pn	07 04 11.5 -0.5
HORNC	Hornillas	1.46	337	eS	Sb	07 04 31.1 -0.4
GUAB	Guayabo de Bag	1.48	335	eP	Pn	07 04 12.0 -0.1
GUAB	Guayabo de Bag	1.48	335	eS	Sb	07 04 31.1 -0.4
GUAB	Guayabo de Bag	1.48	335	eS	Sb	07 04 12.0 -0.1
MESS	Mesas	1.49	337f	eP	Pn	07 04 15.1 +0.1
MESS	Mesas	1.49	337f	eP	Pn	07 04 12.1 -0.3
MESS	Mesas	1.49	337f	eP	Pn	07 04 02.4 +0.6
VERA	Finca Concepci	1.51	350	eP	Pn	07 04 12.6 +0.1
VMAR	Armenia, Volca	1.53	340	eP	Pn	07 04 13.1 +0.2
GPS2	Hotel Rincon d	1.57	332	eP	Pn	07 04 13.7 +0.2
GPS3	Bodega del ICE	1.58	331	eP	Pn	07 04 13.8 +0.2
LAPC	Finca la Perla	1.62	337	eP	Pn	07 04 13.7 -0.5
BUEV	Buenas Vista	1.63	331	eP	Pn	07 04 14.8 +0.4
GBS3	Finca Las Img	1.65	329	eP	Pn	07 04 14.2 -0.2
HZTE	Horizontes, Gu	1.67	324	eP	Pn	07 04 15.2 +0.5
HZTE	Horizontes, Gu	1.67	324	eP	Pn	07 04 15.6 +0.9
BUAJ	Buenos Aires	1.67	334	eP	Pn	07 04 15.1 +0.3
EDSV	San Vito	1.69	109	eP	Pn	07 04 15.4 +0.3
GBS2	Las Lilas	1.69	330	eP	Pn	07 04 15.3 +0.2
CCOL	Caracol de Cor	1.86	121f	eP	Pn	07 04 17.7 +0.3

IDC 20:07:04:18.6.2.1.4.85S-153'96E, h0km, mb3.2/2, mbtmp3.3/3, ML3.1/1, Error ellipse: s-maj=44.1km, s-min=38.8km az=5.0, New Ireland region

Code	Station Name	A°	AZ°	Phase ID	Time Res	ISC
KRVF	Keravat (AS076	2.00	286	Op	ISC	h m s
KRVF	Keravat (AS076	2.00	286	P	Pb	07 04 55.5 -0.4
KRVF	Keravat (AS076	2.00	286	P	Sb	07 05 20.8 -0.7
KRVF	Keravat (AS076	2.00	286	P	Sb	07 05 20.8 -0.7
WRA	Warramunga Arr	24.29	230	P	P	07 09 39.2 +1.3
MKAR	Makanchi Array	81.12	319	P	P	07 16 36.2 +0.2
TORD	Torodi Arr, Bea	151.42	289	PKPbc	PKPbc	07 24 13.2 -2.4

BUI 20:07:14:35.9.0.0.7.05S.130.81E, h100km, mb4.9/44, mB5.2/15

KLM 20:07:14:37.6.47S.130.85E, h46km, mb5.3

ISC-EH 20:07:14:41.8.6.40S.130.63E, h95km, 1km, Error ellipse: s-maj=3.7km s-min=2.1km az=59.0

NEIC 20:07:14:41.4.1.5.6.39S.0.05.130.65E, 0.08, h81km, 2km, mb5.1/50, Error ellipse: s-maj=11.7km s-min=7.1km az=89.0

DJA 20:07:14:41.7.0.2.6.5.2.13.1E, h107km, 2km, M5.1/60, mB5.6/27, mb5.2/60, MLV5.5/16, Mw(mB)5.0/27

IDC 20:07:14:41.5.2.0.6.33S.130.64E, h87km, 18km, mb4.5/24, mbtmp4.9/26, Error ellipse: s-maj=16.8km s-min=9.4km az=65.0

ISC 20:07:14:41.2.0.3.6.36S.0.03.130.66E, 0.04, h90km, n316, r140/316, mb4.9/71, 9C-5D, Banda Sea

Code	Station Name	A°	AZ°	Phase ID	Time Res	ISC
SAUI	Saumlaki	1.74	159	Op	ISC	h m s
SAUI	Saumlaki	1.74	159	Sn	Pn	07 15 11.4 +1.4
SAUI	Saumlaki	1.74	159	S	Pn	07 15 13.1 -0.9
SAUI	Saumlaki	1.74	159	S	Pn	07 15 11.7 +1.7
SAUI	Saumlaki	1.74	159	S	Pn	07 15 30.6 -1.3
SAUI	Saumlaki	1.74	159	S	Pn	07 15 11.5 +1.4
BNDI	Bandanaira	1.97	337	P	Pn	07 15 15.6 +2.5
BNDI	Bandanaira	1.97	337	P	Pn	07 15 15.6 +2.5
MSAI	Masohi	3.45	330	P	Pn	07 15 35.2 +2.3
AAI	Ambon	3.62	317	P	Pn	07 15 36.4 +3.3
FAKI	Fak Fak	3.76	25	Pn	Pn	07 15 37.2 +0.1
FAKI	Fak Fak	3.76	25	Sn	Pn	07 15 19.3 -1.0
FAKI	Fak Fak	3.76	25	Pn	Pn	07 16.0 -0.2
FAKI	Fak Fak	3.76	25	Pn	Pn	07 15 37.6 +0.5
NLAI	Namlea	4.71	311	Pn	Pn	07 15 55.3 +5.3
SUIJ	Sorong	5.48	6	Pn	Pn	07 15 60.0 -5.5
SUIJ	Sorong	5.48	6	S	Sn	07 16 56.8 -5.5
SWI	Sorong	5.49	6	P	Pn	07 15 59.5 -1.0
RKPI	Ramsiki, Papua	5.95	36	P	Pn	07 16 07.3 +0.4
SANI	Sanana	6.33	312	P	Pn	07 16 15.4 +3.4
SANI	Sanana	6.33	312	P	Pn	07 16 15.0 +3.0
MTNI	Manton Dam	6.46	176	P	Pn	07 16 12.1 -1.7
MTN	Manton Dam	6.46	176	Pn	Pn	07 16 12.5 -1.3
MTN	Manton Dam	6.46	176	Pn	Pn	07 17 23.9 -2.3
MTN	Manton Dam	6.46	176	Pn	Pn	07 16 13.0 -0.8
KADU	Kakadu	6.54	164	P	Pn	07 16 13.1 -1.7
KDU	Kakadu	6.54	164	P	Pn	07 16 13.2 -1.7
SOEI	Soe	7.18	242	Pn	Pn	07 16 24.8 +1.1
SOEI	Soe	7.18	242	Pn	Pn	07 16 25.3 +1.6
SOEI	Soe	7.18	242	P	Pn	07 16 25.5 +1.8

BAKI	Biak	7.47	47	P	Pn	07 16 27.9 +0.3
BATI	Baumata	7.91	241	P	Pn	07 16 34.8 +1.2
BATI	Baumata	7.91	241	P	Sn	07 17 56.1 -5.6
BATI	Baumata	7.91	241	P	Pn	07 16 34.3 +0.7
MMRI	Mauere	8.66	254	P	Pn	07 16 45.2 +1.4
KNRA	Kunurra	9.45	191	P	Pn	07 16 51.3 -3.3
KNRA	Kunurra	9.45	191	Pn	Pn	07 16 52.3 -2.2
KNRA	Kunurra	9.45	191	Pn	Pn	07 16 52.1 -2.4
LUWI	Luwuk	9.48	304	P	Pn	07 16 57.2 +2.2
BSSI	Bau Bau, Buton	10.12	271	P	Pn	07 17 05.6 +1.9
GENI	Genyem	10.18	69	P	Pn	07 17 08.5 +3.9
GTOI	Gorontalo	10.32	312	P	Pn	07 17 11.9 +5.4
APSI	Ampana	10.49	301	P	Pn	07 17 12.1 +3.3
BKSI	Bulukumba	10.54	275	P	Pn	07 17 11.1 +1.7
BNSI	Bone	10.69	280	P	Pn	07 17 14.1 +2.6
BASI	Bangi, Sumba	10.69	248	P	Pn	07 17 10.7 -0.8
JAY	Jayapura	10.71	70	P	Pn	07 17 12.2 +0.4
KAPI	Kappang	10.94	276	P	Pn	07 17 16.1 +1.2
KAPI	Kappang	10.94	276	P	Pn	07 17 22.3 +7.4
KAPI	Kappang	10.94	276	P	Pn	07 17 17.0 +2.1
SPSI	Sidrap Palu	11.11	282	P	Pn	07 17 19.6 +2.5
SGSI	Sangihe	11.21	333	P	Pn	07 17 19.4 +0.8
TOLJ	Toiloli	12.34	307	Pn	P	07 17 39.8 -2.5
TOLJ	Toiloli	12.34	307	Pn	P	07 17 40.3 +3.5
MPSI	Mapaga	12.64	301	P	Pn	07 17 41.3 +3.6
PLAI	Plampang	13.01	258	P	Pn	07 17 41.3 -1.4
PLAI	Plampang	13.01	258	P	Pn	07 17 41.4 -1.3
WB0	Warramunga Arr	13.82	165	Pn	Pn	07 17 47.8 -5.4
TWSI	Taliwang, Sumb	13.87	259	P	Pn	07 17 53.6 -0.3
WRAB	Warramunga Arr	13.96	165	Pn	Pn	07 17 49.5 -5.7
WRA	Warramunga Arr	13.97	166	S	Sn	07 17 49.3 -6.0
WRA	Warramunga Arr	13.97	166	Pn	Pn	0

20d 7h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Daman, Pechi, Hyderabad (bro), Koldanda, Danging, Diego Garcia, Ulanbaatar, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like South Pole Qui, Aktyubinsk, Arti, Ar Rayn, Novita River, etc.

1508

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Honiara, Warramunga Arr, Alice Springs, Wake Island Hy, etc.

EL6	Elicito	0.37 359	↑P	Pg	07 44 57.0 +0.2
EL6			S	Sb	07 45 03.4 -0.6
RM33	Pellescrista (	0.46 170	S	Sg	07 44 58.0 -6.3
RM33			AML	AML	
RM33	comp=N,789µm,1.5s				
RM33	comp=E,859µm,1.4s				
TERO	Teramo	0.49 133	S	Sg	07 44 60.0 -5.5

ROM 20 07:45:26.2±0.0, 42,7274N±0.002±13.187E±0.003,
h11km, ML2.9/48, 23C-15D, Error ellipse: s-maj=0.2km
s-min=0.0km az=257.0, Central Itaz=0

Code	Station Name	Δ° AZ'	Phase ID	Op	ISC	Time	Res
						h m s	ISC
T1245	Castelsantange	0.08 1	↑P	Pg	07 45 29.2 +0.4		
T1245			S	Sb	07 45 31.0 +0.3		
T1245			AML	AML			
T1245	comp=E,82600µm,0.2s						
T1245	comp=E,82650µm,0.2s						
T1245	comp=E,81950µm,0.6s						
T1245			AML	AML			
T1245			AML	AML			
T1245	comp=E,81950µm,0.6s						
T1245			AML	AML			
T1218	Civita (PG)	0.12 207	↑P	Pg	07 45 29.7 +0.5		
T1218			S	Sb	07 45 32.1 +0.8		
T1218			AML	AML			
T1218	comp=E,20500µm,0.2s						
T1218	comp=E,19200µm,0.2s						
T1218	comp=N,30600µm,0.3s						
T1218	comp=E,20500µm,0.2s						
T1218	comp=E,19150µm,0.2s						
T1218	comp=N,30650µm,0.3s						
T1218	comp=E,19150µm,0.2s						
T1218	comp=N,30850µm,0.3s						
MMO1	Montemonaco	0.16 39	↑P	Pg	07 45 30.4 +0.6		
MMO1			S	Sb	07 45 33.3 +0.9		
T1218	Preci, Frazion	0.17 313	↑P	Pg	07 45 30.5 +0.5		
T1218			S	Sg	07 45 33.5 +0.9		
T1216			AML	AML			
T1216	comp=E,7300µm,1.5s						
T1216	comp=E,7305µm,1.5s						
T1216	comp=N,8005µm,1.5s						
T1216	comp=N,8010µm,1.5s						
T1216	comp=E,7305µm,1.5s						
T1216	comp=E,7305µm,0.5s						
T1216	comp=N,8010µm,0.5s						
SMA1	SAN MARTINO	0.18 143	↑P	Pg	07 45 30.8 +0.6		
SMA1			S	Sb			
SMA1	comp=E,7895µm,0.4s						
T1241	Roccafluvione,	0.20 65	↑P	Pg	07 45 31.1 +0.6		
T1241			S	Sg	07 45 34.5 +1.2		
T1241			AML	AML			
T1241	comp=N,14400µm,0.4s						
T1241	comp=E,17700µm,0.2s						
LNSS	Leonessa	0.20 212	↑P	Pg	07 45 31.2 +0.6		
LNSS			S	Sg	07 45 34.7 +1.2		
LNSS			AML	AML			
LNSS	comp=N,23500µm,0.2s						
LNSS	comp=N,20500µm,0.2s						
LNSS	comp=N,20500µm,1.8s						
T1243	Rocca Santa Ma	0.21 112	↑P	Pg	07 45 31.1 +0.5		
T1243			S	Sg	07 45 34.6 +0.9		
FEMA	Monte Fema	0.21 332	↑P	Pg	07 45 31.4 +0.6		
FEMA			S	Sg	07 45 34.9 +1.0		
FEMA			AML	AML			
FEMA	comp=N,6295µm,1.4s						
FEMA	comp=E,6880µm,0.4s						
FEMA	comp=N,6295µm,1.4s						
FEMA	comp=N,6295µm,0.6s						
T1256	Bolognola (MC)	0.23 7	↑P	Pg	07 45 31.6 +0.5		
T1256			S	Sg	07 45 35.6 +1.1		
T1256			AML	AML			
T1256	comp=E,9590µm,0.2s						
T1256	comp=E,9735µm,0.2s						
T1256	comp=E,9595µm,0.2s						
T1256	comp=N,7010µm,0.4s						
T1256	comp=N,6890µm,0.4s						
T1256	comp=E,9595µm,0.2s						
T1256	comp=N,7010µm,0.4s						
T1256	comp=N,7010µm,1.6s						
T1256	comp=N,6890µm,1.6s						
T1215	Vallo di Nera,	0.24 277	↑P	Pg	07 45 31.6 +0.5		
T1215			S	Sg	07 45 35.5 +1.0		
T1215			AML	AML			
T1215	comp=N,1905µm,0.7s						
T1215	comp=E,2465µm,1.5s						
T1215	comp=E,2445µm,0.5s						
T1215	comp=N,1905µm,0.7s						
T1215	comp=N,1830µm,0.9s						
T1215	comp=E,2465µm,0.5s						
RM33	Pellescrista (	0.27 176	↑P	Pb	07 45 32.5 -0.6	
RM33			S	Sb	07 45 36.9 -0.8		
RM33			AML	AML			
RM33	comp=E,3335µm,1.4s						
RM33	comp=N,2770µm,0.4s						
RM33	comp=E,3230µm,1.5s						
RM33	comp=N,2760µm,0.4s						
RM33	comp=E,3335µm,1.5s						
RM33	comp=E,3235µm,1.5s						
RM33	comp=E,3235µm,0.5s						
RM33	comp=E,3335µm,0.5s						
RM33	comp=N,2765µm,0.4s						
FDMO	Fjordimonte	0.27 344	↑P	Pg	07 45 32.2 +0.5		
FDMO			S	Sb	07 45 36.7 -1.2		
FDMO			AML	AML			
FDMO	comp=N,3545µm,0.3s						
FDMO	comp=N,3540µm,0.3s						
FDMO	comp=N,3540µm,1.7s						
CAMP	Campotosto	0.29 145	↑P	Pg	07 45 32.5 +0.4		
CAMP			S	Sb	07 45 37.3 -1.1		
CAMP			AML	AML			
CAMP	comp=E,1285µm,0.2s						
CAMP	comp=N,1130µm,0.7s						
GUMA	Gualdo di Mace	0.31 21	↑P	Pb	07 45 33.3 -0.5		
GUMA			S	Sb	07 45 38.8 -0.1		

GUMA	comp=N,14300µm,0.6s				
GUMA	comp=E,11240µm,0.7s				
GUMA	comp=N,14900µm,0.2s				
GUMA	comp=N,15950µm,0.6s				
GUMA	comp=E,11240µm,1.3s				
GUMA	comp=N,14300µm,0.6s				
CESI	CESI - Serrava	0.31 318	↑P	Pg	07 45 33.0 +0.5
CESI			S	Sb	07 45 37.9 -1.1
CESI			AML	AML	
CESI	comp=E,4020µm,1.0s				
T1219	Muccia, Frazio	0.31 335	↑P	Pg	07 45 32.9 +0.4
T1219			S	Sb	07 45 38.0 -1.0
T1219			AML	AML	
T1219	comp=N,12950µm,0.4s				
T1219	comp=E,10400µm,0.3s				
T1219	comp=E,10400µm,0.3s				
T1219	comp=N,12150µm,0.4s				
T1219	comp=N,10350µm,0.3s				
CSP1	Cessapalombo	0.32 2	↑P	Pg	07 45 33.1 +0.4
CSP1			S	Sb	07 45 38.4 -0.9
T1247	Pizzolo (AQ)	0.34 166	↑P	Pg	07 45 33.6 +0.5
T1247			S	Sb	07 45 39.2 -0.7
T1247			AML	AML	
T1247	comp=E,3240µm,0.3s				
T1247	comp=N,3765µm,0.4s				
TERO	Teramo	0.34 116	↑P	Pg	07 45 33.4 +0.3
TERO			S	Sb	07 45 38.8 -1.1
TERO			AML	AML	
TERO	comp=E,1665µm,1.0s				
TERO	comp=N,2195µm,0.3s				
TERO	comp=E,1665µm,1.0s				
T1211	Morro Reatino	0.34 226	↑P	Pg	07 45 33.5 +0.4
T1211			S	Sb	07 45 39.1 -0.8
T1211			AML	AML	
T1211	comp=N,7820µm,0.3s				
T1211	comp=E,4020µm,0.3s				
T1211	comp=N,7820µm,0.3s				
T1211	comp=E,4115µm,0.3s				
T1211	comp=N,7805µm,0.3s				
T1211	comp=E,4020µm,1.7s				
T1211	comp=E,4115µm,1.7s				
ARRO	Arrone	0.37 238	↑P	Pg	07 45 34.0 +0.5
ARRO			S	Sb	
ARRO	comp=N,1785µm,0.2s				
ARRO	comp=E,2055µm,0.2s				
OFFI	Offida	0.40 66	↑P	Pb	07 45 35.5 +0.1
OFFI			S	Sb	
OFFI	comp=E,3005µm,0.8s				
OFFI	comp=N,4500µm,0.6s				
OFFI	comp=E,3005µm,1.2s				
SEF1	Sefro	0.41 335	↑P	Pg	07 45 34.7 +0.4
SEF1			S	Sb	07 45 41.2 -0.7
SEF1			AML	AML	
SEF1	comp=E,3770µm,0.2s				
SEF1	comp=N,4500µm,0.7s				
SEF1	comp=E,3770µm,0.1s				
SEF1	comp=N,4495µm,0.7s				
SEF1	comp=N,4495µm,1.3s				
GIGS	Gran Sasso	0.43 139	↑P	Pg	07 45 34.7 0.0
GIGS			S	Sb	07 45 41.4 +1.0
GIGS			AML	AML	
GIGS	comp=E,300µm,1.4s				
GIGS	comp=N,235µm,0.5s				
GIGS	comp=E,300µm,0.6s				
MOMA	Monte Mariano	0.46 274	↑P	Pg	07 45 35.7 +0.5
MOMA			S	Sb	
MOMA	comp=N,2605µm,0.2s				
MOMA	comp=E,2740µm,0.2s				
MOMA	comp=E,2620µm,0.2s				
MOMA	comp=N,2845µm,0.2s				
MOMA	comp=N,2605µm,0.2s				
ASSB	Assisi San Ben	0.47 305	↑P	Pg	07 45 35.7 +0.2
ASSB			S	Sb	
ASSB	comp=N,1835µm,0.2s				
ASSB	comp=E,1880µm,0.3s				
GAG1	Gagliole	0.47 349	↑P	Pg	07 45 44.0 +0.4
CESX	Cesi	0.48 250	↑P	Pb	07 45 35.4 -0.1
CESX			S	Sb	
CESX	comp=E,2130µm,0.9s				
CESX	comp=N,2065µm,0.2s				
CESX	comp=E,2130µm,1.1s				
FIAM	Fiamignano	0.51 186	↑P	Pg	07 45 36.2 +0.1
FIAM			S	Sb	
FIAM	comp=N,644µm,0.7s				
FIAM	comp=E,845µm,0.9s				
FIAM	comp=E,845µm,1.1s				
SNTG	Esanatoglia	0.51 339	↑P	Pg	07 45 36.4 +0.2
SNTG			S	Sb	07 45 45.0 +0.2
SNTG			AML	AML	
SNTG	comp=N,860µm,1.2s				
SNTG	comp=N,885µm,1.2s				
SNTG	comp=E,800µm,0.4s				
SNTG	comp=N,860µm,1.2s				
SNTG	comp=E,767µm,0.1s				
SNTG	comp=N,860µm,0.8s				
SNTG	comp=N,885µm,0.8s				
TRTR	Tortoreto Alta	0.54 86	↑P	Pb	07 45 38.2 +0.6
TRTR			S	Sb	
TRTR	comp=E,2305µm,1.1s				
TRTR	comp=N,2240µm,0.9s				
TRTR	comp=E,2305µm,0.9s				
TRTR	comp=N,2240µm,1.1s				
EL6	Elicito	0.56 354	↑P	Pg	07 45 37.3 +0.2
EL6			S	Sb	07 45 47.0 +0.8
EL6			AML	AML	
EL6	comp=E,1870µm,0.4s				
EL6	comp=N,1795µm,0.3s				
ATCC	AVT - Casa Cast	0.57 316	↑P	Pg	07 45 37.7 +0.3
ATCC			S	Sb	
ATCC	comp=E,1120µm,0.9s				
ATCC	comp=E,1120µm,1.1s				
ATCC	comp=N,971µm,0.6s				
FAGN	Fagnano	0.59 150	↑P	Pb	07 45 38.6 0.0
FAGN			S	Sb	
FAGN	comp=N,1050µm,0.3s				

FAGN	comp=E,1605µm,0.9s				
CING	Cingoli	0.60 1	↑P	Pg	07 45 38.0 +0.1
CING			S	Sb	
CING	comp=N,1020µm,0.3s				
CING	comp=E,1011µm,0.2s				
FOSV	Fossato di Vic	0.61 329	↑P	Pg	07 45 38.3 +0.3
FOSV			S	Sb	
FOSV	comp=E,727µm,0.4s				
FOSV	comp=N,762µm,0.3s				
FOSV	comp=E,727µm,1.6s				
VCEL	Villa Celiera	0.61 128	↑P	Pb	07 45 38.6 -0.4
VCEL			S	Sb	
VCEL	comp=N,826µm,0.4s				
VCEL	comp=E,868µm,0.5s				
PP3	Marolino	0.68 27	↑P	Pg	07 45 37.1 -2.2
MURB	Monte Urbino	0.69 315	↑P	Pg	07

20d 8h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DAWY Dawson, I27K Kandik River, E25K Arctic Millage, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PMG, CTA Charters Tower, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), KLR Kutul, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, TORO Torodi Ar, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), KRVT Kutul, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, PKGZ Kaihiroa, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TWGZ Tauwhareparea, CNGZ Carnagh Statio, etc.

IDC 20 08:32:57.2:2.5, 5:51S, 154:44E, h123km, 22km, mb3.6/6, mbtmp4.1/8, MS2.7/1, Error ellipse: s-maj=24.9km s-min=18.2km az=87.0

NEIC 20 08:32:59.2:0.6, 5:6S:0.1, 154:4E:0.1, h138km, 9km, mb4.2/12, Error ellipse: s-maj=19.2km s-min=14.1km az=225.0

ISC 20 08:32:57.0:0.8, 5:57S:0:08, 154:50E:0:09, h118km, n26, 0:1516/23, mb4.0/10, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, KRVT Keravat (AS076), PMG Port Moresby, etc.

WEL 20 08:39:53.8, 42:5:17:4E, h32km, 15km, M2.8/17, ML2.8/19, ML2.8/17, Error ellipse: s-maj=0.0km s-min=0.0km az=88.5 South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BSZW Blackbirch Sta, THZ Tophouse, etc.

IDC 20 08:43:07.6:6.1, 4:33S:153:82E, h100km, 42km, mb3.4/3, mbtmp3.8/3, Error ellipse: s-maj=59.1km s-min=45.9km az=92.0, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), WRA Warramunga Arr, ASAR Alice Springs, etc.

WEL 20 08:47:06.1, 43:5:17:3E, h23km, 13km, M2.4/10, mb4.7/11, ML2.7/18, ML2.4/10, Mwm(b)3.9/1, Error ellipse: s-maj=0.0km s-min=0.0km az=74.1, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KHZ Kahutara, GVZ Greta Valley S, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like OKCZ Okains Bay, MQZ McQueen's Vall, etc.

IDC 20 08:49:19.7, 0.10, 14Sx161.02E, h0km, mb4.8/23, mbtm4.8/27, ML3.0/2, MS4.9/54, Error ellipse: s-maj=15.0km s-min=12.5km az=87.0

BUI 20 08:49:22.3, 0.10, 9.87S, 161.56E, h34km, mb5.0/62, m85.4/49, Ms5.1/60, Mst 4.9/58

NEIC 20 08:49:23.3, 1.2, 10.18S, 0.07, 161.00E, 0.07, h19km, 3km, mb5.5/110, Mw5.3/17, Error ellipse: s-maj=11.9km s-min=8.2km az=45.0, Moment Tensor Solution. Moment tensor: Scale 10^7 Nm; Mr=0.59; Mw=0.13; Mo=0.72; Mo=0.26; Mw=0.03; Mr=0.89; Fault plane solution: Mo1.14000x10^17 NP1.0s193.54000, delta73.16000, lambda10.48000, NP2.0s338.50000, delta20.29000, lambda56.67000

Principal axes: T=1.1048, Plg=0.0000, Az=120.0000, N=0.0750, Plg1=1.0000, Az=110.0000, P=-1.1765, Plg2=0.0000, Az=274.0000

ISC-EH 20 08:49:25.0, 10.18S, 161.05E, h33km, 1km Error ellipse: s-maj=2.8km s-min=2.2km az=128.0

GCMT 20 08:49:25.3, 0.1, 10.22S, 0.01, 160.86E, 0.01, h24km, Mw5.4/127, Moment Tensor Solution. s127.c197; s125.c230; Duration: t53 Moment tensor: Scale 10^7 Nm; Mr=1.39; Mo=0.10; Mw=0.2; Mo=0.29; Mo=0.03; Mw=0.59; Mr=0.9; Mw=0.03; Best double couple: Mo1.71800x10^17 NP1.0s170.00000, delta1.00000, lambda103.00000, NP2.0s325.00000, delta31.00000, lambda69.00000

Principal axes: T=1.6810, Plg1=0.0000, Az=108.0000, N=0.0750, Plg1=1.0000, Az=34.0000, P=-1.7500, Plg15.0000, Az=250.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

NOU 20 08:49:28.0, 10.24S, 161.00E, h53km, mb5.3/52, Solomon Islands

ISC 20 08:49:25.6, 0.3, 10.19S, 0.04, 161.00E, 0.04, h36km, 1km, h37km; p-P, n624, c196/643, mb5.4/139, MS4.9/80, 12C-8D, Bougainville-Solomon Islands region

Main table of station data with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like HNR Honiara, KOUNC Koumang, etc.

Main table of station data with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CAN comp=Z,171nm,2.0s, WBO Warramunga Arr, etc.

Main table of station data with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like JHH Hachioji jima, BWJI Bawean, etc.

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TTA	Talina	80.03	18	P	P	09 01 31.0	-0.1
TTA	TTA						
N20K	Mount Spurr	80.06	21	P	P	09 01 30.9	-0.4
SPCR	Spurr Chakacha	80.06	21	P	P	09 01 31.1	-0.2
CAPN	Captain Cook N	80.14	22	P	P	09 01 32.1	+0.5
CAPN	Captain Cook N	80.14	22	P	P	09 01 31.9	+0.3
M20K	Styx River	80.21	20	P	IAMB	09 01 32.4	+0.2
M20K	Styx River	80.21	20	P	IAMB	09 01 42.8	
M20K	Styx River	80.21	20	P	P	09 01 32.3	+0.2
MOY	Mondy	80.27	327	eP	pmax	09 01 31.8	-0.9
SEW	Seward	80.34	23	P	P	09 01 32.8	+0.1
L20K	Farewell, AK	80.38	20	P	P	09 01 33.0	0.0
O22K	Cooper Landing	80.48	22	P	P	09 01 34.0	+0.5
O22K	Cooper Landing	80.48	22	P	P	09 01 32.9	-0.5
SUA	Susitna One	80.76	21	P	P	09 01 34.0	-1.2
SKT	Skwentna	80.83	21	P	P	09 01 35.1	-0.3
RC01	Rabbit Creek A	80.88	22	P	P	09 01 35.0	-0.6
K20K	Telida	80.95	19	P	IAMB	09 01 36.1	+0.1
K20K	Telida	80.95	19	P	IAMB	09 01 46.4	
K20K	Telida	80.95	19	P	P	09 01 36.3	+0.4
P23K	Montague Islan	81.06	23	P	P	09 01 36.1	-0.5
GCSA	Galena City Sc	81.11	17	P	P	09 01 36.4	-0.3
M22K	Willow	81.17	21	P	P	09 01 36.5	-0.6
PPLA	Purkeypile	81.23	20	P	P	09 01 36.7	-1.0
PWL	Port Wells	81.25	23	P	P	09 01 37.1	-0.5
PMR	Palmer	81.42	22	P	P	09 01 37.9	-0.6
J20K	Nowinta River	81.51	18	P	IAMB	09 01 39.4	+0.5
J20K	Nowinta River	81.51	18	P	IAMB	09 01 50.0	
J20K	Nowinta River	81.51	18	P	P	09 01 38.5	-0.4
CUT	Chulitna	81.56	21	P	P	09 01 38.3	-0.9
KNK	Knik Glacier	81.56	22	P	IAMB	09 01 39.5	+0.2
KNK	Knik Glacier	81.56	22	P	IAMB	09 01 49.3	
KNK	Knik Glacier	81.56	22	P	P	09 01 39.3	0.0
CAST	Castle Rocks	81.63	19	P	P	09 01 38.5	-1.1
PALK	Pallekele	81.81	279	LR	LR	09 40 41.5	
SML	Sawmill	81.86	22	P	P	09 01 39.5	-1.4
CHUM	Lake Minchumin	81.88	19	P	P	09 01 40.5	-0.4
M23K	Glacier View	82.07	22	P	P	09 01 41.6	-0.3
KTH	Kantishna Hill	82.10	20	P	IAMB	09 01 41.0	-1.1
KTH	Kantishna Hill	82.10	20	P	IAMB	09 01 51.5	
KAIM	Kayak Island	82.21	24	P	P	09 01 42.5	-0.2
SCM	Sheep Creek Mo	82.24	22	P	P	09 01 42.3	-0.6
TRF	Thorofore Moun	82.25	20	P	P	09 01 42.1	-0.9
WAT1	Susitna Watana	82.44	21	P	P	09 01 43.3	-0.6
BPAW	Bear Paw Mtn.	82.45	19	P	P	09 01 42.9	-1.0
KLU	Klutina	82.56	23	P	P	09 01 44.0	-0.5
WAT6	Susitna Watana	82.56	21	P	P	09 01 44.4	-0.3
RND	Reindeer	82.70	20	P	IAMB	09 01 44.8	-0.5
RND	Reindeer	82.70	20	P	IAMB	09 01 55.2	
RND	Reindeer	82.70	20	P	pmax	09 01 44.8	-0.5
RND	Reindeer	82.70	20	P	pmax		
BMRM	Bremner River	82.75	24	P	P	09 01 45.0	-0.5
M24K	Tolsona, Glenn	82.84	22	P	P	09 01 45.4	-0.6
I21K	Tanana	82.88	18	P	P	09 01 46.0	-0.1
I21K	Tanana	82.88	18	P	P	09 01 45.7	-0.3
MCK	McKinley	82.89	20	P	P	09 01 45.1	-1.1
MCK	McKinley	82.89	20	P	P	09 01 45.1	-1.1
MCK	McKinley	82.89	20	P	pmax	09 01 45.1	-1.1
MCK	McKinley	82.89	20	P	pmax		
IMAR	Indian Mountai	82.92	17	P	P	09 01 45.5	-0.7
H21K	Melozitna Rive	82.96	18	P	IAMB	09 01 46.8	+0.3
H21K	Melozitna Rive	82.96	18	P	IAMB	09 02 08.8	
H21K	Melozitna Rive	82.96	18	P	P	09 01 45.8	-0.7
BWN	Browne	83.00	20	P	P	09 01 46.9	+0.2
DHY	Denali Highway	83.01	21	P	P	09 01 45.8	-1.2
N25K	Chitina, Valde	83.13	23	P	IAMB	09 01 47.5	0.0
N25K	Chitina, Valde	83.13	23	P	IAMB	09 02 00.0	
N25K	Chitina, Valde	83.13	23	P	P	09 01 46.8	-0.8
MLY	Manley	83.16	19	P	P	09 01 46.7	-0.9
G21K	Allakaket	83.36	17	P	P	09 01 48.2	-0.4
MESA	MESA	83.37	25	P	P	09 01 48.1	-0.9
HARP	HAARP	83.39	22	P	P	09 01 48.8	0.0
NEA2	Nenana	83.41	19	P	P	09 01 47.2	-1.6
NEA2	Nenana	83.41	19	P	P	09 01 47.4	-1.4
H22K	Ishlitalina Cre	83.55	18	P	P	09 01 49.5	-0.1
MCARA	McCarthy VSAT	83.62	24	P	P	09 01 49.2	-0.7
PAX	Paxson	83.62	22	P	P	09 01 49.2	-0.9
I23K	Minto, Yukon-K	83.68	19	P	P	09 01 49.7	-0.5
MAW	Mawson	83.74	202	P	P	09 01 50.4	-0.2
MAW	Mawson					09 33 57.3	
F21K	Alatina River	83.87	16	P	P	09 01 50.4	-0.8
TCOL	CIGO, UAF Yank	83.98	20	P	P	09 01 50.3	-1.4
TCOL	CIGO, UAF Yank	83.98	20	P	P	09 01 50.9	-0.8
COLA	College	83.99	20	P	P	09 01 51.2	-0.5
HDA	Harding Lake	83.99	20	P	P	09 01 51.3	-0.6
K24K	Donnelly Dome	84.02	21	P	P	09 01 51.8	-0.3
PINM	Pinacle	84.04	26	P	P	09 01 52.0	-0.2
H23K	Yukon River	84.07	18	P	IAMB	09 01 50.9	-1.4
H23K	Yukon River	84.07	18	P	IAMB	09 02 02.8	
H23K	Yukon River	84.07	18	P	P	09 01 52.1	-0.1
PNL	Peninsula	84.18	26	P	P	09 01 52.5	-0.4
M26K	Nabesna, AK	84.21	23	P	IAMB	09 01 52.8	-0.3
M26K	Nabesna, AK	84.21	23	P	IAMB	09 02 04.7	

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M26K	Nabesna, AK	84.21	23	P	P	09 01 52.8	-0.3
G22K	Bettes	84.22	17	P	P	09 01 52.7	-0.2
IL31	IL31	84.24	20	P	IAMB	09 01 51.3	-1.8
ILAR	Eielson Array	84.24	20	P	P	09 01 52.9	-0.2
POKR	Poker Plat Res	84.28	19	P	P	09 01 53.5	+0.2
RIDG	Independent Ri	84.31	21	P	P	09 01 53.2	-0.3
TIXI	Tiksi	84.41	350	P	IAMB	09 01 52.6	-1.2
TIXI	Tiksi	84.41	350	P	pmax	09 01 52.6	-1.2
TIXI	Tiksi	84.41	350	P	pmax		
O28M	Mount Upton	84.43	25	P	P	09 01 54.2	-0.2
L26K	Log Cabin Wild	84.45	22	P	P	09 01 54.0	-0.2
G23K	Bananza Creek	84.51	18	P	P	09 01 54.2	-0.2
DOT	Dot Lake	84.54	22	P	IAMB	09 01 54.3	-0.4
DOT	Dot Lake	84.54	22	P	IAMB	09 02 05.1	
H24K	Noodor Dome	84.59	19	P	P	09 01 55.5	+0.6
H24K	Noodor Dome	84.59	19	P	P	09 01 54.6	-0.3
M27K	Edge Creek, AK	84.62	23	P	P	09 01 55.6	+0.4
M27K	Edge Creek, AK	84.62	23	P	P	09 01 55.4	+0.2
J25K	Salcha River,	84.66	20	P	IAMB	09 01 55.0	-0.2
J25K	Salcha River,	84.66	20	P	IAMB	09 02 05.0	
J25K	Salcha River,	84.66	20	P	P	09 01 55.3	0.0
SIT	Sitka	84.76	29	P	P	09 01 55.6	-0.2
SCRK	Sand Creek	84.76	21	P	P	09 01 56.5	+0.6
COLD	Coldfoot	84.80	17	P	P	09 01 56.1	+0.3
YUK3	Moose Creek	84.86	24	P	P	09 01 56.5	0.0
O29M	Mount Kennedy	84.86	26	P	P	09 01 56.4	-0.1
YUK8	Steele Glacier	84.88	25	P	P	09 01 56.7	0.0
E22K	Anaktuvuk Pass	84.97	16	P	P	09 01 56.6	-0.1
L27K	Beaver Creek,	85.03	23	P	P	09 01 57.2	0.0
L27K	Beaver Creek,	85.03	23	P	P	09 01 57.6	+0.4
BVCY	Beaver Creek	85.05	23	P	P	09 01 57.7	+0.4
BCAR	Beaver Creek A	85.05	23	P	P	09 01 57.7	+0.4
PRP	Porcupine Dome	85.16	20	P	P	09 01 58.6	+0.7
WMQ	Urumqi	85.22	316	eP	pP	09 01 58.6	0.0
WMQ	Urumqi				sP	09 02 09.0	-0.2
WMQ	Urumqi				pmax	09 02 14.1	+0.3
WMQ	Urumqi				pmax		
WMQ	Urumqi				pmax		
WMQ	Urumqi				LR	LR	
WMQ	Urumqi				LR	LR	
WMQ	Urumqi				LR	LR	
WMQ	Urumqi				LR	LR	
J26L	Joseph Creek	85.22	21	P	P	09 01 59.9	+1.7
J26L	Joseph Creek	85.22	21	P	P	09 01 58.2	+0.1
G24K	Hadweenciz Riv	85.27	18	P	P	09 01 58.4	+0.1
YUK6	Outpost Mounta	85.28	25	P	P	09 01 58.5	-0.2
YUK4	Talbot Arm	85.37	25	P	P	09 01 59.5	+0.4
PLBC	Pleasant Camp	85.41	27	P	P	09 01 59.3	+0.3
U33K	Whale Pass	85.42	31	P	P	09 01 59.8	+0.7
P30M	Million Dollar	85.47	26	P	P	09 02 00.3	+0.9
K27K	Chicken	85.48	22	P	IAMB	09 01 59.4	0.0
K27K	Chicken	85.48	22	P	IAMB	09 02 11.2	
K27K	Chicken	85.48	22	P	P	09 01 59.8	+0.5
E23K	Chandalar	85.53	17	P	P	09 01 60.0	+0.4
HYT	Haines Junctio	85.58	26	P	P	09 02 00.3	+0.2
F24K	Squaw Lake	85.67	17	P	P	09 02 00.3	+0.1
G25K	Bearman Lake	85.74	18	P	P	09 02 01.3	+0.8
D23K	Nanushuk River	85.84	16	P	P	09 02 01.4	+0.4
E24K	Your Creek	85.86	17	P	P	09 02 02.0	+0.8
HYBB	Hyderabad (bro	85.92	288	eP	PP	09 02 01.2	-1.4
HYBB	Hyderabad (bro	85.92	288	eP	PP	09 05 18.8	-4.0
TOLK	Toolik Lake Re	85.93	16	P	eKSac	09 02 01.4	-0.1
TOLK							

20d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HLID Hailey, U15A North Rim, ELIB Princess Elisa, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TORO Torodi Ar. Bea, KRVT Keravat (AS076), PMG Port Moresby, etc.

1516

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat (AS076), RABL Rabaul, PMG Port Moresby, etc.

1517

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

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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.

20d 10h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

1519

ZAAO	Zalesovo Array	16.80 360	Pn	Pn	10 08 30.5	-4.3
ZAAO	Zalesovo Array	16.80 360	Pn	Pn	10 08 29.1	-5.7
ZAAO	Zalesovo Array	16.80 360	Pn	Pn	10 11 36.3	-4.9
ZALV	Zalesovo Beam	16.80 360	Pn	Pn	10 08 30.6	-4.2
ZALV	comp=Z,5.7nm,0.3s,baz=182,slow=13,SNR=76		Sn	Sn	10 11 35.1	-6.1
ZALV	comp=Z,1.6nm,0.3s,baz=175,slow=24,SNR=10.0		LR	LR	10 15 42.8	
ZALV	comp=Z,3um,19.9s,baz=190,slow=40		LR	LR	10 08 30.9	-3.9
ZALV	Zalesovo Beam	16.80 360	Pn	Pn	10 08 30.9	-3.9
ZALV	Zalesovo Beam	16.80 360	Pn	Pn	10 08 30.9	-3.9
AKL	Akola	17.78 205	eP	P	10 08 42.1	-5.2
MND	Mandalay	17.92 144	P	Pn	10 08 48.7	-0.2
MOY	Moody	18.44 33	eP	P	10 08 54.7	-1.0
HRA	Herat	18.61 268	P	P	10 08 55.5	-1.9
ZAK	Zakamensk	18.66 39	eP	P	10 08 55.5	-2.1
ZAK	comp=Z,1.38nm,1.2s		pmx	pmx		
BVA0	Borovoye Array	18.85 332	↑P	P	10 08 59.2	-0.3
BVA0	comp=Z,1.95nm,0.8s,baz=133,slow=12,SNR=931		P	P		
BVA0	Borovoye Array	18.85 332	↑P	P	10 08 59.3	-0.3
BVA0	Borovoye Array	18.85 332	↑P	P	10 08 59.3	-0.2
BVAR	comp=Z,1.7nm,0.3s,baz=133,slow=10,SNR=238		LR	LR	10 17 02.5	
BRVK	Borovoye	18.91 332	P	P	10 09 00.2	0.0
BRVK	comp=Z,3.71nm,0.8s		IAMB	IAMB	10 09 08.2	
BRVK	Borovoye	18.91 332	↑P	P	10 09 00.6	+0.3
BRVK	Borovoye	18.91 332	↑P	P	10 09 00.1	-0.2
BRVK	comp=Z,3.76nm,0.8s		pmx	pmx		
BRVK	Borovoye	18.91 332	eP	P	10 09 00.1	-0.2
BRVK	comp=Z,2.07nm,0.7s		MLR	MLR		
I34MN	SONGINO INFRAS	19.02 49	I	I	11 55 10.0	
SONM	Songino Array	19.03 49	P	P	10 09 01.5	-0.2
SONM	comp=Z,6.7nm,0.3s,baz=239,slow=11,SNR=459		Lg	Lg	10 14 39.8	
SONM	comp=Z,1.0nm,0.3s,baz=253,slow=26,SNR=4.5		LR	LR	10 16 34.4	
SONM	comp=Z,6um,20.3s,baz=244,slow=38		LR	LR		
SONM	comp=Z,3.72nm,1.2s		LR	LR		
SONM	Songino Array	19.03 49	P	P	10 09 01.7	0.0
SONM	comp=Z,4.68nm,1.3s		IAMB	IAMB	10 09 04.7	
SONM	Songino Array	19.03 49	P	P	10 09 01.7	0.0
SONM	comp=Z,4.68nm,1.3s		pmx	pmx		
KMI	Kunming	19.35 123	↑P	S	10 09 06.0	+0.5
KMI	comp=Z,2.10nm,1.1s		pmx	pmx	10 12 37.0	-6.6
KMI	comp=Z,2um,8.9s		LR	LR		
KMI	comp=Z,9um,10.4s		LR	LR		
KMI	comp=Z,8um,7.8s		LR	LR		
KMI	comp=Z,10um,15.2s		LR	LR		
ULN	Ulanbaatar	19.44 50	P	P	10 09 06.7	+0.4
ULN	comp=Z,2.46nm,0.8s		IAMB	IAMB	10 09 08.0	
ULN	Ulanbaatar	19.44 50	P	P	10 09 04.7	-1.5
ULN	Ulanbaatar	19.44 50	eP	P	10 09 04.7	-1.5
ULN	Ulanbaatar	19.44 50	eP	P	10 09 06.4	+0.1
IRK	Irkutsk	20.32 36	eP	P	10 09 16.0	+0.4
IRK	comp=Z,3.16nm,1.0s		pmx	pmx		
HYBB	Hyderabad (bro	20.44 198	eP	P	10 09 16.6	-0.6
HYBB	comp=Z,4.62nm,1.2s		IAMB	IAMB	10 09 17.0	
HYBB	comp=Z,3um,10.6s		esP	sP	10 09 25.7	+1.8
HYBB	comp=Z,3um,10.6s		esS	sS	10 13 06.3	+0.4
HYBB	comp=Z,3um,10.6s		IVMS_BB	IVMS_BB	10 17 42.8	
POO	Poona	20.95 211	↑P	S	10 09 15.0	-7.7
POO	comp=Z,3um,10.6s		P	P	10 13 20.0	+4.0
HHC	Hu-ho-hao-te	20.99 72	↑P	P	10 09 23.8	+0.7
HHC	comp=Z,3um,10.6s		pP	pP	10 09 28.1	+0.6
HHC	comp=Z,3um,10.6s		Pn	Pn	10 09 46.0	+4.2
HHC	comp=Z,3um,10.6s		S	S	10 13 18.5	+1.8
HHC	comp=Z,3um,10.6s		SS	SS	10 13 45.3	+7.8
HHC	comp=Z,310nm,1.2s		pmx	pmx		
HHC	comp=Z,4um,7.0s		LR	LR		
HHC	comp=Z,7um,9.2s		LR	LR		
HHC	comp=Z,13um,11.8s		LR	LR		
GEYT	Alibeck	21.26 280	P	P	10 09 26.4	+0.5
GEYT	comp=Z,1.00nm,0.9s,baz=99,slow=9.2,SNR=88		LR	LR	10 19 20.5	
GEYT	comp=Z,1.00nm,0.9s		LR	LR		
GEYT	Alibeck	21.26 280	P	P	10 09 26.3	+0.3
GYA0B	ALIBECK ARRAY	21.26 280	P	P	10 09 26.0	+0.1
GYA0B	ALIBECK ARRAY	21.26 280	↑P	P	10 09 26.0	+0.1
ENH	Enshi	21.51 101	P	P	10 09 28.8	+0.1
ENH	comp=Z,420nm,1.1s		IAMB	IAMB	10 09 44.1	
ENH	comp=Z,7um,20.0s		IAMS_20	IAMS_20	10 18 11.5	
ENH	Enshi	21.51 101	P	P	10 09 29.2	+0.5
CRAI	Chiangrai	21.57 137	P	P	10 09 29.3	0.0
AB31	Akbulak array	21.76 312	↑P	P	10 09 30.4	-0.8
AB31	comp=Z,1.29nm,0.7s,baz=111,slow=11,SNR=1288		P	P	10 09 30.6	-0.6
ABKAR	Akbulak array	21.76 312	P	P	10 09 30.4	-0.7
ABKAR	comp=Z,1.29nm,0.7s,baz=111,slow=11,SNR=1288		IAMB	IAMB	10 09 35.0	
TIV	Taiyuan	21.82 80	P	P	10 09 31.9	-0.1
TIV	comp=Z,2.30nm,0.8s		S	S	10 13 37.6	+4.6
TIV	comp=Z,49nm,0.6s		pmx	pmx		
TIV	comp=Z,2um,8.2s		LR	LR		
TIV	comp=Z,25um,17.2s		LR	LR		
TIV	comp=Z,16um,14.4s		LR	LR		
CHTO	Chiang Mai	22.01 142	P	P	10 09 32.6	-1.5
CHTO	comp=Z,1.25nm,0.9s		IAMB	IAMB	10 09 35.9	
CHTO	Chiang Mai	22.01 142	P	P	10 09 32.6	-1.5
CHTO	comp=Z,1.25nm,0.9s		pmx	pmx		
CHTO	comp=Z,1.25nm,0.9s		MLR	MLR		
CM31	Chiang Mai Arr	22.32 143	P	P	10 09 36.5	-0.9
CM31	comp=Z,2um,22.0s		IAMB	IAMB	10 09 39.6	
CM31	Chiang Mai Arr	22.32 143	P	P	10 09 35.6	-1.8
CM31	comp=Z,1.65nm,0.9s		SNR=36			
CMAR	Chiang Mai Arr	22.32 143	P	P	10 09 36.1	-1.3
CMAR	comp=Z,1.10nm,0.9s,baz=328,slow=10.0,SNR=135		LR	LR	10 19 37.1	
CMAR	Chiang Mai Arr	22.32 143	P	P	10 09 36.0	-1.4
CMAR	LuoYang	22.44 88	↑P	P	10 09 39.2	+0.6
LYN	LYN		pP	pP	10 09 43.9	+0.6
LYN	LYN		sP	sP	10 09 46.8	+1.4
LYN	LYN		S	S	10 13 47.7	+3.0
LYN	LYN		SS	SS	10 13 57.0	+0.4
LYN	comp=Z,70nm,1.7s		pmx	pmx		
LYN	comp=Z,1um,3.5s		LR	LR		
LYN	comp=Z,15um,13.6s		LR	LR		

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LYN	comp=Z,16um,14.1s		LR	LR		
PHRA	Phrae	22.92 140	P	P	10 09 43.0	-0.8
AKTO	Aktuyubinsk	23.38 313	P	P	10 09 47.3	-1.0
AKTO	comp=Z,106nm,0.8s,baz=104,slow=9.0,SNR=65		LR	LR	10 20 07.2	
AKTO	comp=Z,16um,18.3s,baz=118,slow=40		LR	LR		
AKTO	Aktuyubinsk	23.38 313	↑P	P	10 09 46.9	-1.3
AKTO	comp=Z,1.127nm,1.1s		P	P		
NGCH	Negor - Chabah	23.43 247	P	P	10 09 50.0	+1.1
HNS	HongShan	23.65 80	↑P	P	10 09 52.1	+1.1
HNS	comp=Z,140nm,1.4s		S	S	10 14 09.7	+4.3
HNS	comp=Z,3um,5.5s		pmx	pmx		
HNS	comp=Z,5um,13.3s		LR	LR		
HNS	comp=Z,20um,16.1s		LR	LR		
HNS	comp=Z,23um,16.7s		LR	LR		
XLT	XiLinHaoTe	24.52 64	↑P	P	10 10 00.2	+1.0
XLT	comp=Z,120nm,1.0s		pP	pP	10 10 39.6	+3.3
XLT	comp=Z,2um,7.2s		S	S	10 14 21.2	+1.8
XLT	comp=Z,2um,7.2s		pmx	pmx		
XLT	comp=Z,6um,10.7s		LR	LR		
XLT	comp=Z,8um,11.4s		LR	LR		
BJT	Baijiatuu	24.52 74	P	P	10 09 58.8	-0.3
BJT	Baijiatuu	24.52 74	IAMS_20	IAMS_20	10 19 44.9	
BJT	Baijiatuu	24.52 74	P	P	10 10 01.6	+2.5
BJT	Baijiatuu	24.52 74	P	P	10 09 58.8	-0.3
BJT	comp=Z,72nm,1.1s		MLR	MLR		
NONG	Nongkai	24.85 135	P	P	10 10 02.7	+0.4
CIT	Chita	25.02 44	eP	P	10 10 03.4	+0.1
CIT	comp=Z,241nm,2.1s		e	e	10 10 08.8	
CIT	comp=Z,241nm,2.1s		e	e	10 10 41.6	
CIT	comp=Z,241nm,2.1s		pmx	pmx	10 13 45.5	
WHN	Wuhan	25.24 96	↑P	S	10 10 06.4	+0.7
WHN	comp=Z,550nm,1.0s		S	S	10 14 38.9	+8.0
WHN	comp=Z,9um,10.4s		LR	LR		
WHN	comp=Z,20um,10.8s		LR	LR		
WHN	comp=Z,30um,14.5s		LR	LR		
SVE	Sverdlovsk	25.50 328	eP	P	10 10 08.5	+0.7
SVE	comp=Z,465nm,0.9s		MLR	MLR		
JASK	Jask - Hormozg	25.59 252	P	P	10 10 12.3	+3.5
JASK	comp=Z,11um,14.0s		IAMS_20	IAMS_20	10 20 31.8	
MNGI	Mangalore	25.75 203	IAMS_20	IAMS_20	10 10 10.4	-0.1
TIA	Tai'an	25.77 82	↑P	P	10 10 10.4	-0.1
TIA	comp=Z,64nm,1.2s		pmx	pmx		
TIA	comp=Z,1um,5.7s		LR	LR		
TIA	comp=Z,5um,12.0s		LR	LR		
TIA	comp=Z,9um,12.9s		LR	LR		
ARU	Arti	26.15 326	P	P	10 10 13.6	-0.1
ARU	comp=Z,71nm,0.5s,baz=132,slow=4.5,SNR=13		LR	LR	10 21 02.2	
ARU	comp=Z,3um,19.3s,baz=120,slow=38		LR	LR		
ARU	Arti	26.15 326	P	P	10 10 13.9	+0.3
ARU	comp=Z,71nm,0.5s		IAMB	IAMB	10 10 20.3	
ARU	Arti	26.15 326	eP	P	10 10 14.0	+0.3
ARU	comp=Z,1.62nm,0.8s		PPP	PPP	10 11 03.4	
ARU	comp=Z,1.62nm,0.8s		PPP	PPP	10 10 52.1	
ARU	comp=Z,1.62nm,0.8s		S	S	10 11 03.4	
ARU	comp=Z,1.62nm,0.8s		SS	SS	10 14 48.4	+3.5
ARU	comp=Z,1.62nm,0.8s		SSS	SSS	10 15 53.2	+1.0
ARU	comp=Z,1.62nm,0.8s		pmx	pmx	10 16 04.0	
ARU	comp=Z,128nm,0.8s		MLR	MLR		
PBA	Port Blair	26.34 163	P	P	10 10 14.1</	

20d 10h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like SLWR Sila, GNI Garni, SRIT Nakonsritamara, etc.

2016 DEC

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like YHNB Yeheng, VRH Novokhoporsky, SSSL Suanglung, etc.

1520

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like KLMR Klimovskoe, YAK Yakutsk, OBN Obninsk, etc.

1521

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like TXI, NKL, CSS, AKASG, etc.

2016 DEC

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ISAL, YSS, AKASG, etc.

20d 10h

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like HERR, SURR, MA2, etc.

1523 2016 DEC 20d 10h

RKPI	Ransiki, Papua	59.62 119	P	P	10 14 42.2	-1.7
NEWG	New Galloway	60.08 318	eP	P	10 14 48.2	+1.7
LAWE	Loch Awe, Argy	60.24 320	eP	P	10 14 49.0	+1.4
STRD	Stroud	60.25 314	eP	P	10 14 49.8	+2.0
HLM1	Long Mynd	60.36 315	eP	P	10 14 50.4	+1.8
HLM1			IAMB	IAMB	10 14 53.0	
FOEL	Foel Wyifa	60.39 316	eP	IAMB	10 14 50.4	+1.7
FOEL			IAMB	IAMB	10 14 52.3	
GAL1	Galloway	60.43 318	eP	P	10 14 50.5	+1.5
MONM	Monmouth	60.59 315	eP	P	10 14 51.6	+1.5
MONM			IAMB	IAMB	10 14 54.2	
MCH1	Michaelchurch	60.63 315	eP	P	10 14 52.1	+1.7
MCH1			IAMB	IAMB	10 14 54.6	
LLW	Llanuwchllyn	60.67 316	eP	P	10 14 51.7	+1.1
SHEM	Shemys Is, Ala	61.03 44	LR	LR	10 43 03.3	
SRPI	Serui, Papua	61.34 117	P	P	10 14 56.7	+1.1
RSBS	Roselli, Pemb	61.54 319	P	P	10 14 59.9	+1.6
MBAR	Mbarara	62.54 246	LR	LR	10 44 11.9	
MBAR			IAMB	IAMB	10 15 04.1	+0.1
MBAR			IAMB	IAMB	10 15 12.8	
MBAR			IAMS_20	IAMS_20	10 44 00.6	
MBAR			IAMS_20	IAMS_20	10 15 05.1	+1.1
NEEM	North Greenlan	62.55 350	iP	P	10 15 02.9	-0.4
NEEM			IAMB	IAMB	10 15 10.5	
GAMB	Gambell	62.83 29	P	P	10 15 03.1	-1.8
EUNU	Eureka	62.95 358	P	IAMB	10 15 05.9	+0.2
EUNU			IAMB	IAMB	10 15 19.9	
TNA	Tin City	63.33 26	P	P	10 15 08.6	+0.3
TNA			IAMB	IAMB	10 15 10.3	
TNA			IAMB	IAMB	10 15 10.8	-0.3
A21K	Barrow	63.47 18	P	P	10 15 09.5	+0.4
A21K			IAMS_20	IAMS_20	10 42 00.4	
A21K			IAMS_20	IAMS_20	10 15 08.7	-0.4
R20K	Red Dog Mine	63.65 23	P	P	10 15 10.3	-0.1
SUMG	Summit	63.84 344	eP	P	10 15 08.9	-3.2
RER	Riviere de l'E	64.19 210	P	P	10 15 14.7	+0.1
AMKA	Amchitka	64.50 44	P	P	10 15 16.6	+0.4
GENI	Genyem	64.65 115	P	P	10 15 16.1	-1.6
GENI			IAMB	IAMB	10 15 18.9	+1.2
ANM	Nome	64.78 27	P	P	10 15 19.2	+1.4
ANM			IAMB	IAMB	10 15 20.8	
ANM			IAMS_20	IAMS_20	10 45 10.1	
ANM			IAMS_20	IAMS_20	10 15 18.3	+0.5
ANM			IAMS_20	IAMS_20	10 15 19.2	+1.4
ANM			IAMS_20	IAMS_20	10 15 17.6	-2.3
SOEG	Soedalen	64.82 338	eP	P	10 15 17.8	-0.2
JAY	Jayapura	64.98 114	P	P	10 15 17.6	-2.3
TULEG	Thule	65.38 353	P	P	10 15 20.3	-1.2
TULEG			IAMB	IAMB	10 15 35.5	
TULEG			IAMB	IAMB	10 15 20.0	-1.6
TULEG			IAMB	IAMB	10 15 35.1	
KULLO	Kullorsuaq	65.76 350	iP	P	10 15 19.8	-4.3
KULLO			IAMB	IAMB	10 15 32.3	
OPO	Ambोधिरातम	65.86 220	LR	LR	10 40 27.6	
C23K	Itkillik River	65.97 18	P	P	10 15 26.0	+0.6
ABPO	Ambोधिमपानम	66.22 219	P	P	10 15 25.7	-2.2
ABPO			IAMB	IAMB	10 15 25.7	-2.2
C24K	Franklin bluff	66.52 18	P	P	10 15 28.6	-0.4
ICESG	Greenland Ices	66.52 341	iP	P	10 15 29.3	-0.1
ICESG			IAMB	IAMB	10 15 40.8	
D23K	Nanushuk River	66.56 19	P	P	10 15 29.5	+0.3
MBWA	Marble Bar	66.63 145	P	P	10 15 29.5	-0.7
MBWA			IAMB	IAMB	10 15 30.0	-0.2
KDU	Kakadu	66.72 128	P	P	10 15 30.5	-0.4
ESBB	Sonsecsa Array	66.78 303	P	P	10 15 31.7	+0.4
ESDC	Sonsecsa Array	66.78 303	P	P	10 15 31.7	+0.3
ESDC			IAMB	IAMB	10 15 31.7	+0.3
ESDC			IAMB	IAMB	10 47 52.3	
ESDC			IAMB	IAMB	10 15 31.6	+0.3
ESDC			IAMB	IAMB	10 15 31.6	+0.1
KNRA	Kunurra	66.81 133	P	P	10 15 31.6	+0.1
KNRA			IAMB	IAMB	10 15 31.6	+0.1
E22K	Anaktuvuk Pass	66.83 20	P	P	10 15 31.2	+0.1
SPIA	Saint Paul Isl	66.86 35	P	P	10 15 32.2	+0.9
F21K	Alatina River	66.99 21	P	P	10 15 32.3	+0.2
PSA00	Pilbara Seismi	67.04 145	P	P	10 15 32.0	-0.9
PSA00			IAMB	IAMB	10 15 32.2	-0.7
TOLK	Toolik Lake Re	67.07 19	P	P	10 15 32.8	+0.2
TOLK			IAMB	IAMB	10 15 37.7	
TOLK			IAMB	IAMB	10 15 32.6	+0.0
TOLK			IAMB	IAMB	10 15 32.6	+0.2
PAB	San Pablo	67.11 303	P	P	10 15 33.4	0.0
PAB			IAMB	IAMB	10 15 37.8	
PAB			IAMB	IAMB	10 15 33.4	0.0
PAB			IAMB	IAMB	10 15 33.4	0.0
C26K	Camden Bay	67.28 17	P	P	10 15 34.4	+0.7
D25K	Kavik River	67.38 17	P	P	10 15 34.4	-0.1
G21K	Allakaket	67.46 22	P	P	10 15 34.5	-0.6
E23K	Chandalar	67.48 19	P	P	10 15 35.2	-0.1
GCSA	Galena City Sc	67.59 24	P	P	10 15 36.2	+0.4
IMAR	Indian Mountai	67.75 22	P	P	10 15 36.8	-0.1
G22K	Bettles	67.76 21	P	P	10 15 36.8	-0.1
E24K	Your Creek	67.76 19	P	P	10 15 37.3	+0.3
C27K	Jago River	67.77 16	P	P	10 15 37.6	+0.6
COLD	Coldfoot	67.91 20	P	P	10 15 38.1	+0.3
COLD			IAMB	IAMB	10 15 43.6	
COLD			IAMB	IAMB	10 15 38.4	+0.6
MVO	Moncorvo	68.06 306	eP	P	10 15 43.1	+3.7
H21K	Melozitina Rive	68.26 22	P	P	10 15 40.3	+0.2
H21K			IAMB	IAMB	10 15 41.7	
H21K			IAMB	IAMB	10 15 40.5	+0.5
F24K	Squaw Lake	68.32 19	P	P	10 15 40.3	-0.3
G23K	Bananza Creek	68.33 21	P	P	10 15 40.1	-0.5
PCAB	Cabril	68.43 306	eP	P	10 15 45.5	+3.9

RES	Resolute Bay	68.45 360	P	P	10 15 40.6	-0.5
RES			IAMB	IAMB	10 46 32.7	
RES			IAMB	IAMB	10 15 40.4	-0.7
POLO	Lamas de Olo	68.45 306	P	P	10 15 45.5	+3.7
PGAV	Gaveira, Arco	68.45 307	eP	P	10 15 45.8	+4.0
E25K	Arctic Village	68.47 18	P	P	10 15 41.2	-0.2
H22K	Ishlitala Cnr	68.52 22	P	P	10 15 41.8	+0.1
MTE	Manteigas	68.79 305	eP	P	10 15 47.9	+4.0
MTE			IAMB	IAMB	10 15 43.0	-0.9
MTE			IAMB	IAMB	10 15 48.9	
I21K	Tanana	68.84 22	P	P	10 15 44.0	+0.3
I21K			IAMB	IAMB	10 15 45.4	
I21K			IAMB	IAMB	10 15 43.8	+0.1
F25K	Christian River	68.85 19	P	P	10 15 44.5	+0.7
J20K	Novinta River	68.85 24	P	P	10 15 44.1	+0.3
J20K			IAMB	IAMB	10 15 45.7	
J20K			IAMB	IAMB	10 15 44.3	+0.5
VOI	Voitsoika	68.87 218	P	P	10 15 43.7	-0.8
VOI			IAMB	IAMB	10 15 49.1	
VOI			IAMB	IAMB	10 15 45.6	+1.1
VOI			IAMB	IAMB	10 15 43.2	-1.3
G24K	Hadweenzic Riv	69.03 20	P	P	10 15 45.4	+0.5
PCBR	Castelo Branco	69.04 305	eP	P	10 15 49.5	+4.1
TTA	Tatalina	69.07 25	P	P	10 15 45.2	-0.1
TTA			IAMB	IAMB	10 15 47.4	
TTA			IAMB	IAMB	10 15 45.6	+0.3
TTA			IAMB	IAMB	10 15 45.2	-0.1
H23K	Yukon River	69.10 21	P	P	10 15 45.5	+0.2
H23K			IAMB	IAMB	10 15 47.4	
H23K			IAMB	IAMB	10 15 45.8	+0.4
A36M	Sachs Harbour	69.11 10	P	P	10 15 44.9	-0.3
A36M			IAMB	IAMB	10 15 50.1	
A36M			IAMB	IAMB	10 15 45.0	-0.3
ILULI	Ilulissat	69.12 345	iP	P	10 15 45.0	-0.3
ILULI			IAMB	IAMB	10 15 47.6	
F26K	Sheenjek River	69.15 18	P	P	10 15 45.5	-0.1
PMRV	Marv???	69.19 304	eP	P	10 15 50.5	+4.1
BMAR	Burnt Mountain	69.24 18	P	P	10 15 46.8	+0.6
MLY	Manley	69.32 22	P	P	10 15 46.9	+0.1
MLY			IAMB	IAMB	10 15 48.3	
MLY			IAMB	IAMB	10 15 47.2	+0.5
G25K	Bearman Lake	69.35 19	P	P	10 15 47.5	+0.6
E27K	Coleen River	69.37 17	P	P	10 15 47.2	+0.2
K20K	Telida	69.44 24	P	P	10 15 48.0	+0.6
K20K			IAMB	IAMB	10 15 49.5	
K20K			IAMB	IAMB	10 15 47.5	+0.1
H24K	Noodor Dome	69.56 20	P	P	10 15 48.6	+0.3
H24K			IAMB	IAMB	10 15 54.3	
H24K			IAMB	IAMB	10 15 48.9	+0.6
HPAR	Barrancos	69.61 303	eP	P	10 15 52.8	+3.8
MANU	Manus Island	69.62 109	P	P	10 15 48.9	-0.4
MANU			IAMB	IAMB	10 15 50.3	+1.0
PESTR	Estremoz	69.62 304	eP	P	10 15 52.5	+3.5
I23K	Minto, Yukon-K	69.64 21	P	P	10 15 48.7	+0.1
I23K			IAMB	IAMB	10 15 51.1	
I23K			IAMB	IAMB	10 15 49.2	+0.6
CHUM	Lake Minchumin	69.64 23	P	P	10 15 49.6	+0.9
N16K	Nislik Lake	69.69 28	P	P	10 15 50.3	+1.2
FYU	Fort Yukon	69.73 19	P	P	10 15 49.8	+0.7
NIKH	Nikolski High	69.88 38	P	P	10 15 51.0	+0.6
BPAW	Bear Paw Mtn.	69.91 23	P	P	10 15 50.4	0.0
BPAW			IAMB	IAMB	10 15 52.2	
BPAW			IAMB	IAMB	10 15 50.4	0.0
L19K	White Mountain	69.98 26	P	P	10 15 49.6	-1.3
L19K			IAMB	IAMB	10 15 51.9	+1.1
CAST	Castle Rocks	70.04 24	P	P	10 15 50.1	-1.1
CAST			IAMB	IAMB	10 15 52.8	
CAST			IAMB	IAMB	10 15 51.7	+0.5
L20K	Farewell, AK	70.11 25	P	P	10 15 52.3	+0.7
MDM	Murphy Dome	70.11 21	P	P	10 15 50.8	-0.8
MDM		</				

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Table with columns for station call letters, frequency, and other parameters. Includes stations like TWG Pinlang, YULB Yu-pi, TPUB Ta-pu, etc.

2016 DEC

Table with columns for station call letters, frequency, and other parameters. Includes stations like BBOO Buclelebo, BJT Baijiatuu, BJT Baijiatuu, etc.

20d 10h

Table with columns for station call letters, frequency, and other parameters. Includes stations like DGZ Jazator, SHLS Shalkode, SHLS Shalkode, etc.

20d 10h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ABKAR, ARU, KIP, FALS, N16K, O16K, etc.

2016 DEC

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TRF, O22K, RC01, SEW, D23K, etc.

1528

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NOA, NEEM, YKA, YKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EDH Donghe, EYUL Yuli, JIY Ishigaki jima, etc.

ISC-EH 20 10:49:58.4, 0.91N; 79.80W, h14km, 2km, Error ellipse: s-maj=3.0km s-min=1.4km az=53.0

NEIC 20 10:49:58.2, 1.9, 0.91N; 0.06; 79.76W; 0.06, h10km, 1km, mb4.9/286, Mw4.8/16, Error ellipse: s-maj=10.6km

Moment tensor: Scale 10^16Nm; M1: 0.6; M2: 0.5; M3: -0.5; M4: 0.2; M5: -0.6; M6: 0.0; M7: 0.4; Fault plane solution: M2: 0.4000x10^16 Np1: 30.89000, 847.38000, 1.97.04000...

Principal axes: T 2.1883, Plg84.0000, Azm3.0000; N -0.3257, Plg5.0000, Azm206.0000; P -1.8626, Plg2.0000, Azm116.0000

IG0 20 10:49:59.1, 2.1, 0.91N; 79.80W, h12km, VAO 20 10:49:59.5, 0.6, 0.97N; 79.66W, h10km, mb4.6

GCMT 20 10:50:00.2, 0.3, 0.66N; 0.03; 80.07W; 0.03, h15km, Mw5.3/63, Moment Tensor Solution, s17, c20, s63, c80

Duration: 0 Moment tensor: Scale 10^17Nm; M1: 0.23x10^17; M2: 0.08x10^17; M3: -0.15x10^17; M4: 0.0x10^17; M5: -0.12x10^17; M6: -0.8x10^17; Best double couple: M1: 1.06x10^17 Np1: 138.00000, 887.00000, 87.00000, NP2: 358.00000, 84.00000, 131.00000

Principal axes: T 1.2240, Plg48.0000, Azm45.0000; N -0.2360, Plg3.0000, Azm138.0000; P -0.9880, Plg42.0000, Azm230.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 20 10:50:04.2, 2.3, 0.90N; 79.77W, h61km, 20km, mb4.2/18, mbmp4.5/21, MS4.3/16 Error ellipse: s-maj=18.6km s-min=10.8km az=58.0

ISC 20 10:49:57.9, 0.9, 0.88N; 0.03; 79.81W; 0.04, h13km, 5km, n681, s13/647, mb4.9/159, MS4.4/13, 2C-14D, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AMA1 Acelerografo, AV21 Acelerografo, BV15 Puerto Quito-O, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAYR Refugio Cayamb, CAMI Rancho Maria, NASZ Nasa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NPGB Novo Progreso, LVC Limon Verde, MALB Monte Alegre, etc.

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Status, Date, and other details. Includes entries like OK034 Norfolk Rd., OK052 Battle Ridge R, CCM Cathedral Cave, etc.

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Status, Date, and other details. Includes entries like X18A Snowflake, 214A Organ Pipe Nat, 214A Organ Pipe Nat, etc.

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Status, Date, and other details. Includes entries like LRMC Laurel Mtn Rad, CCAC Calif City Air, FURC Furnace Creek, etc.

20d 11h

N30M	Aishkik Lake	74.16 335 P	LR	P	11 01 35.0 +0.9
RES	Resolute Bay	74.26 356 LR	LR	P	11 35 44.4
M30M	Minto, Yukon	74.58 336 P	P	P	11 01 37.5 +1.0
LIC	Lamto	74.78 84 P	P	P	11 01 40.3 +1.7
TIC	Toumudi	74.80 83 P	P	P	11 01 38.6 -0.1
DBIC	Dimbokro	74.76 83 P	LR	P	11 01 39.5 -0.1
DBIC	Dimbokro	74.96 83 P	I Amb	P	11 01 38.6 -1.0
KIC	Kosan Boka	75.07 84 P	P	P	11 01 39.8 -0.4
M29M	Somme Creek	75.20 336 P	P	P	11 01 41.1 +1.0
L29M	L29M	75.38 336 P	P	P	11 01 42.0 +0.9
K29M	Barlow Dome	75.50 337 P	P	P	11 01 42.7 +0.9
PESTR	Estremoz	75.65 50 P	I Amb	I Amb	11 01 43.0 -0.1
YUK3	Moose Creek	75.73 335 P	P	P	11 01 43.9 +0.6
TULEG	Thule	75.83 3 eP	I Amb	P	11 01 40.2 -3.1
F31M	Tsighehtic	76.04 341 P	P	P	11 01 45.7 +1.0
SUMG	Summit	76.07 12 i P	I Amb	P	11 01 43.9 -1.5
BVCY	Beaver Creek	76.18 335 P	P	P	11 01 46.7 +1.0
DAWY	Dawson	76.33 337 P	P	P	11 01 46.8 +0.3
INK	Inuvik	76.45 342 I Amb	I Amb	P	11 01 49.1
INK	Inuvik	76.45 342 P	P	P	11 01 47.5 +0.4
EPYK	Eagle Plains	76.46 340 I Amb	I Amb	P	11 01 50.8
EPYK	Eagle Plains	76.46 340 P	P	P	11 01 47.5 +0.3
I29M	Ogilvie Camp	76.53 338 P	P	P	11 01 48.3 +0.8
A36M	Sachs Harbour	76.54 347 P	I Amb	I Amb	11 01 46.9 -0.6
A36M	Sachs Harbour	76.54 347 P	P	P	11 01 47.2 -0.2
M27K	Edge Creek, AK	76.68 335 P	P	P	11 01 48.8 +0.7
G30M	Atoh Zraii Nji	76.61 340 P	P	P	11 01 48.9 +0.9
MCARA	McCarthy VSAT	76.68 334 P	P	P	11 01 49.4 +0.9
BCAR	Beaver Creek, AK	76.84 336 P	P	P	11 01 49.7 +0.2
L27K	Beaver Creek, AK	76.86 336 P	P	P	11 01 50.0 +1.0
L27K	Beaver Creek, AK	76.86 336 P	P	P	11 01 51.0 +1.5
M26K	Nabesna, AK	77.08 335 P	P	P	11 01 51.7 +0.9
BMRM	Bremner River	77.23 333 P	P	P	11 01 52.5 +0.8
EGAK	Eagle	77.33 337 P	P	P	11 01 51.5 -0.6
EGAK	Eagle	77.33 337 P	P	P	11 01 52.9 +0.8
K27K	Chicken	77.37 336 P	P	P	11 01 53.2 +0.9
L26K	Log Cabin Wild	77.48 335 P	I Amb	I Amb	11 01 52.9 -0.1
L26K	Log Cabin Wild	77.48 335 P	P	P	11 01 54.0 +1.0
Q23K	Middleton Isla	77.49 331 P	P	P	11 01 53.5 +0.4
I27K	Kandik River	77.87 338 P	P	P	11 01 55.9 +0.8
HARP	HAARP	78.01 334 P	P	P	11 01 56.8 +0.9
KLU	Klutina	78.01 333 P	P	P	11 01 57.0 +0.9
DOT	Dot Lake	78.02 336 P	I Amb	I Amb	11 01 56.8 +0.8
NEEM	North Greenlan	78.07 6 i P	I Amb	I Amb	11 01 55.3 -1.1
H27K	Steamboat Moun	78.11 339 P	P	P	11 01 57.2 +0.7
SCRK	Sand Creek	78.12 336 P	I Amb	I Amb	11 01 57.1 +0.5
SCRK	Sand Creek	78.12 336 P	P	P	11 01 57.1 +0.5
J26L	Joseph Creek	78.16 337 P	P	P	11 01 57.1 +0.3
J26L	Joseph Creek	78.16 337 P	P	P	11 01 57.8 +0.9
PAB	San Pablo	78.25 50 P	I Amb	I Amb	11 01 57.1 -0.7
M24K	Tolsona, Glenn	78.34 334 P	P	P	11 01 59.1 +1.3
M24K	Tolsona, Glenn	78.34 334 P	P	P	11 01 58.9 +1.0
PAX	Paxson	78.35 335 P	I Amb	I Amb	11 01 58.2 +0.3
PAX	Paxson	78.35 335 P	P	P	11 01 59.1
RIDG	Independent Ri	78.38 336 P	P	P	11 01 57.7 -0.3
RIDG	Independent Ri	78.38 336 P	P	P	11 01 58.5 +0.5
G27K	Doyon Strip	78.41 339 P	P	P	11 01 58.3 +0.2
ESDC	Sonsec Array	78.56 50 P	I Amb	I Amb	11 01 59.2 -0.4
ESDC	Sonsec Array	78.56 50 P	P	P	11 02 00.7 +1.1
SCM	Sheep Creek Mo	78.76 333 P	P	P	11 02 00.3 +0.1
K24K	Donnelly Dome	78.79 336 P	P	P	11 02 01.0 +0.7
PWL	Port Wells	78.90 332 P	P	P	11 02 00.7 -0.2
J25K	Salcha River	78.92 336 P	P	P	11 02 01.6 +0.6
M23K	Glacier View	78.92 333 P	P	P	11 02 01.8 +0.8
E27K	Coleen River	79.00 340 P	P	P	11 02 01.9 +0.6
KNK	Knik Glacier	79.13 333 P	P	P	11 02 02.8 +0.6
KNK	Knik Glacier	79.13 333 P	P	P	11 02 02.4 +0.2
EUNU	Eureka	79.18 359 P	I Amb	I Amb	11 02 02.6 +0.5
WAT6	Susitna Watana	79.19 334 P	P	P	11 02 03.2 +0.5
DHY	Denali Highway	79.20 335 P	P	P	11 02 03.2 +0.6
SML	Sawmill	79.20 333 P	P	P	11 02 03.6 +1.0
SML	Sawmill	79.20 333 P	P	P	11 02 03.5 +0.9
PRP	Porcupine Dome	79.32 337 P	P	P	11 02 03.5 +0.3
O22K	Cooper Landing	79.43 332 P	P	P	11 02 04.4 +0.6
HDA	Harding Lake	79.48 336 I Amb	I Amb	P	11 02 04.8
HDA	Harding Lake	79.48 336 P	P	P	11 02 04.7 +0.7
PMR	Palmer	79.50 333 P	P	P	11 02 04.9 +0.9
IL31		79.59 336 P	I Amb	I Amb	11 02 04.9 +0.4
IL31		79.59 336 P	P	P	11 02 06.5

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ILAR	Eielson Array	79.59 336 P	LR	P	11 02 04.8 +0.2
ILAR	Eielson Array	79.59 336 P	LR	P	11 39 44.4
ILAR	Eielson Array	79.59 336 P	P	P	11 02 04.4 -0.1
RC01	Rabbit Creek A	79.62 332 P	P	P	11 02 04.8 0.0
RC01	Rabbit Creek A	79.62 332 P	P	P	11 02 04.9 +0.1
WAT1	Susitna Watana	79.63 334 P	P	P	11 02 05.3 +0.5
F26K	Sheenjek River	79.66 340 P	P	P	11 02 05.5 +0.6
BMAR	Burnt Mountain	79.71 339 P	P	P	11 02 05.5 +0.3
BRSE	Bradley Lake S	79.71 331 P	P	P	11 02 05.8 +0.4
POKR	Poker Plat Res	79.93 337 P	P	P	11 02 07.4 +1.0
G25K	Beaman Lake	80.00 338 P	P	P	11 02 07.6 +0.8
COLA	College	80.01 336 P	P	P	11 02 07.8 +1.1
TCOL	CICU, UAF Yank	80.01 336 P	P	P	11 02 08.1 +1.3
MCK	McKinley	80.08 335 P	P	P	11 02 08.1 +0.8
F25K	Christian Rive	80.15 339 P	P	P	11 02 08.7 +1.1
MDM	Murphy Dome	80.19 336 I Amb	I Amb	P	11 02 08.9
SUA	Susitna One	80.20 333 P	P	P	11 02 08.8 +0.8
CUT	Chulitna	80.25 334 P	P	P	11 02 08.7 +0.5
C27K	Jago River	80.31 341 P	P	P	11 02 09.0 +0.6
E25K	Arctic Village	80.32 340 P	P	P	11 02 09.4 +0.9
H24K	Noodor Dome	80.35 337 P	P	P	11 02 09.5 +0.8
NEA2	Nenana	80.41 336 I Amb	I Amb	P	11 02 09.9
NEA2	Nenana	80.41 336 P	P	P	11 02 09.6 +0.6
G24K	Hadweencin R	80.49 338 P	P	P	11 02 10.1 +0.6
TRF	Throfare Moun	80.57 335 P	P	P	11 02 10.6 +0.5
SKT	Skwentna	80.70 333 P	P	P	11 02 10.8 +0.1
SKT	Skwentna	80.70 333 P	P	P	11 02 11.0 +0.4
I23K	Minto, Yukon-K	80.70 336 P	I Amb	I Amb	11 02 11.3 +0.8
I23K	Minto, Yukon-K	80.70 336 P	P	P	11 02 12.4
I23K	Minto, Yukon-K	80.70 336 P	P	P	11 02 11.1 +0.5
N20K	Mount Spurr	80.80 332 P	P	P	11 02 12.0 +0.7
SPCR	Spurr Chakacha	80.80 332 P	P	P	11 02 12.5 +1.2
C26K	Camden Bay	80.81 341 P	P	P	11 02 12.2 +1.2
F24K	Squaw Lake	80.93 339 P	P	P	11 02 12.5 +0.7
H23K	Yukon River	80.99 337 P	P	P	11 02 12.9 +0.8
D25K	Kavik River	81.05 341 P	P	P	11 02 13.1 +0.6
BPAW	Bear Paw Mtn.	81.06 335 P	I Amb	I Amb	11 02 11.1 -1.4
BPAW	Bear Paw Mtn.	81.06 335 P	P	P	11 02 13.4
MLY	Manley	81.23 336 P	I Amb	I Amb	11 02 14.0 +0.5
MLY	Manley	81.23 336 P	P	P	11 02 14.3
MLY	Manley	81.23 336 P	P	P	11 02 13.5 +0.1
PPLA	Purkeypile	81.24 334 P	P	P	11 02 13.9 +0.3
PPLA	Purkeypile	81.24 334 P	P	P	11 02 14.3 +0.6
E24K	Your Creek	81.33 339 P	P	P	11 02 14.6 +0.7
CAST	Castle Rocks	81.34 334 P	I Amb	I Amb	11 02 13.1 -0.9
CAST	Castle Rocks	81.34 334 P	P	P	11 02 14.7
CAST	Castle Rocks	81.34 334 P	P	P	11 02 14.2 +0.2
M20K	Styx River	81.41 333 P	P	P	11 02 14.9 +0.4
G23K	Bananza Creek	81.45 338 P	P	P	11 02 15.5 +0.9
TORD	Tordi Ar. Bea	81.53 77 P	I Amb	I Amb	11 02 15.8 -0.2
TORD	Tordi Ar. Bea	81.53 77 P	P	P	11 02 15.7 -0.2
TORD	Tordi Ar. Bea	81.53 77 P	P	P	11 05 08.5
CHUM	Lake Minchumin	81.56 335 P	P	P	11 02 15.2 0.0
O19K	Port Aisworth	81.57 331 P	P	P	11 02 15.0 -0.2
COLD	Coldfoot	81.68 338 P	I Amb	I Amb	11 02 16.2 +0.5
COLD	Coldfoot	81.68 338 P	P	P	11 02 17.7
COLD	Coldfoot	81.68 338 P	P	P	11 02 16.7 +1.0
E23K	Chandalar	81.73 339 P	P	P	11 02 16.8 +0.7
H22K	Ishtalina Cr.	81.73 337 P	P	P	11 02 16.2 +0.1
I21K	Tanana	81.77 336 P	P	P	11 02 16.5 +0.3
N19K	Bonanza Creek	81.78 331 P	P	P	11 02 16.6 0.0
P18K	Big Mountain	81.84 330 P	P	P	11 02 16.4 -0.4
L20K	Farewell, AK	81.89 333 P	P	P	11 02 16.8 -0.2
TOLK	Toolik Lake Re	81.90 340 P	P	P	11 02 16.9 0.0
O18K	Koktuh Hills	81.93 330 P	P	P	11 02 17.0 -0.2
C24K	Franklin Bluff	81.96 341 P	P	P	11 02 17.8 +0.7
M19K	Big River Lodg	81.99 333 P	P	P	11 02 17.6 +0.2
G22K	Bettles	82.08 338 P	P	P	11 02 18.5 +0.7
K20K	Telida	82.19 334 P	P	P	11 02 18.2 -0.3
K20K	Telida	82.19 334 P	P	P	11 02 19.0 +0.5
L19K	White Mountain	82.27 333 P	P	P	11 02 19.2 +0.2
SVW2	Sparrevoth	82.37 332 P	I Amb	I Amb	11 02 19.5 0.0
SVW2	Sparrevoth	82.37 332 P	P	P	11 02 20.3
D23K	Nanushuk River	82.38 340 P	P	P	11 02 20.2 +0.8
P17K	Kvichak River	82.41 330 P	P	P	11 02 20.4 +0.7
J20K	Novitka River	82.42 335 P	P	P	11 02 19.6 0.0
Q16K	King Salmon	82.42 329 P	P	P	11 02 20.2 +0.5
E22K	Anaktuvuk Pass	82.53 339 P	P	P	11 02 20.8 +0.5
C23K	Ikilik River	82.62 341 P	P	P	11 02 21.3 +0.7
G21K	Allakaket	82.73 337 P	P	P	11 02 21.9 +0.7
DAG	Danmarks Havn	82.77 12 i P	I Amb	I Amb	11 02 21.9 -2.2
DAG	Danmarks Havn	82.77 12 i P	P	P	11 02 23.2
O17K	Kolliganek Bris	82.84 330 P	P	P	11 02 22.2 +0.3
F21K	Alatna River	82.90 338 P	P	P	11 02 22.7 +0.5
CHGN	Chignik	82.94 327 P	P	P	11 02 23.1 +0.7
TTA	Tatalina	82.95 333 P	P	P	11 02 23.1 +0.1
TTA	Tatalina	82.95 333 P	P	P	11 02 23.1 +0.5
P16K	Nushagak River	83.16 329 P	P	P	11 02 23.8 +0.2
O16K	Kokwok River B	83.31 330 P	P	P	11 02 23.8 -0.6
GCSA	Galena City Sc	83.69 335 P	P	P	11 02 27.0 +0.8

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A21K	Barrow	84.95 342 P	P	P	11 02 32.4 -0.1
NOR	Nord	85.32 8 eP	I Amb	P	11 02 31.0 -3.2
NOR	Nord	85.32 8 eP	P	P	11 04 10.0
DOU	Dourbes	85.73 40 dP	P	P	11 02 37.8 +0.9
BMRD	Maredsous	85.86 40 dP	P	P	11 02 37.2 -0.2
BMRD	Maredsous	85.86 40 dP	P	P	11 02 40.0 -0.2
BGES	Gesves	86.06 40 dP	P	P	11 02 39.5 +1.0
RCHB	Rochefort	86.14 40 dP	P	P	11 02 38.7 -0.1
BCLA	Clavier	86.20 40 dP	P	P	11 02 39.7 +0.6
BSTI	Sart Tilman	86.38 40 dP	P	P	11 02 41.2 +1.1
BHOU	Houvezneg	86.65 40 dP	P	P	11 02 42.7 +1.3
MEM	Membrach	86.65 40 dP	P	P	11 02 41.9 +0.4
WLF	Walterdange	86.72 40 dP	P	P	11 02 42.9 +1.2
WLF	Walterdange	86.72 40 dP	P	P	11 02 42.7 +1.0
BTNL	Ternell	86.74 40 dP	P	P	11 02 43.0 +1.2
ECH	Echery	87.33 42 dP	P	P	11 02 45.4 +0.7
ELIB	Princess Elisa	87.41 162 dP	LR	LR	11 03 21.4 +1.7
TSUM	Tsumeb	87.28 109 LR	LR	LR	11 44 04.4
TSUM	Tsumeb	87.28 109 LR	LR	LR	11 44 04.4
SHEM	Shemaya Is, Ala	90.00 324 LR	LR	LR	11 46 02.5
SUR	Sutherland	99.45 123 LR	LR		

Table with columns: WRA, ASAR, SONM, Station Name, Frequency, Azimuth, Elevation, SNR, and other parameters.

ADC 20 11:12:38.1±1.6, 6.83S; 153.91E, h0km, mb3.9/9, mbmp3.9/11, ML2.0/1, Error ellipse: s-maj=44.4km, s-min=22.0km az=116.0

NEIC 20 11:12:41.4±1.4, 6.65S; 0.08:153.78E:0.05, h10km, 1km, mb4.5/17, Error ellipse: s-maj=15.4km s-min=5.4km az=206.7

ISC 20 11:12:44.2±0.6, 6.68S; 0.07:153.75E:0.08, h35km, n35, o071/36, mb4.2/16, New Britain region

Main table for station data under the 1533 section, including columns for Code, Station Name, Azimuth, Elevation, SNR, and Time/Res.

NEIC 20 11:17:07.9±1.8, 17.45S; 0.2:178.60W:0.06, h565km, 18km, mb4.3/8, Error ellipse: s-maj=33.3km s-min=7.9km az=184.0

ISC 20 11:17:09.8±5.5, 17.65S; 178.84W, h568km, 19km, mb3.3/2, mbmp4.1/3, Error ellipse: s-maj=225.8km s-min=41.5km az=146.0

ISC 20 11:17:07.0±0.9, 17.55S; 0.2:178.77W:0.1, h547km, n16, o193B/16, mb4.3/6, Fiji Islands region

Main table for station data under the 1533 section, continuing from the previous table.

0.3nm, 0.7s, baz=332, slow=5.9, SNR=5.0, 0.3nm, 0.7s

ADC 20 11:29:53.2±1.0, 4.3:59S; 75.64W, h0km, mb3.8/6, mbmp3.8/7, ML3.7/1, Error ellipse: s-maj=36.8km s-min=25.9km az=115.0

NEIC 20 11:29:56.9±1.4, 43.64S; 0.07:75.5W:0.2, h21km, 7km, mb4.6/3, Error ellipse: s-maj=18.7km s-min=9.5km az=85.0

ISC 20 11:29:58.5±0.9, 43.58S; 0.09:75.5W:0.1, h35km, n32, o093/29, mb4.0/7, Off coast of southern Chile

Main table for station data under the 2016 DEC section, including columns for Code, Station Name, Azimuth, Elevation, SNR, and Time/Res.

NEIC 20 11:31:28.2±1.8, 7.33S; 0.1:155.18E:0.09, h10km, 1km, mb4.3/5, Error ellipse: s-maj=20.4km s-min=14.3km az=23.0

ADC 20 11:31:28.5±1.6, 7.28S; 155.21E, h0km, mb3.7/6, mbmp3.7/7, ML3.9/1, MS3.4/2, Error ellipse: s-maj=47.4km s-min=25.7km az=129.0

ISC 20 11:31:32.3±0.8, 7.44S; 0.10:155.18E:0.10, h31km, n19, o212/18, mb4.0/9, Bougainville-Solomon Islands region

Main table for station data under the 2016 DEC section, continuing from the previous table.

ISC 20 11:53:42.8, 35.65N; 33.43E, h17km, ML3.4/36, DDA 20 11:53:42.5±0.0, 35.65N; 33.43E, h18km, 1km, MW3.6, NIC 20 11:53:43.5±0.0, 35.58N; 33.39E, h22km, MI3.0/7

ISC 20 11:53:43.4±1.5, 35.51N; 0.02:33.37E:0.03, h21km, 4km, mb4.4, o033/87, 6D, Cyprus region

Main table for station data under the 2016 DEC section, continuing from the previous table.

Table with columns: MVOU, CSS, Station Name, Frequency, Azimuth, Elevation, SNR, and other parameters.

Main table for station data under the 2016 DEC section, including columns for Code, Station Name, Azimuth, Elevation, SNR, and Time/Res.

IGQ 20 12:09:37.0±0.9, 1°N, 4°8'0W:2, h3km, NEIC 20 12:09:37.9±2.1, 1.14N; 0.06:79.74W:0.04, h10km, 2km, mb4.4/7, Error ellipse: s-maj=11.3km s-min=5.4km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Acelerografo, Ecuador-Puerto, Acelerografo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, SOMM Songoing Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KOUNC Koumcam, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for IDC 20 12:20:36.1, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for HNR Honiara, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AFI Afiamalu, AFI Afiamalu, etc.

20d 12h

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like TPUB Ta-pu, SSSLB Suanglung, SSSLB Suanglung, KSM Kuching, etc.

2016 DEC

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, etc.

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Table with columns for station name, frequency, polarization, and coordinates. Includes stations like TIA, TIA, TIA, TIA, etc.

20d 12h

CAPN	baz=227	80.14	22	P	P	12 45 24.6	+0.7
CAPN	baz=228	80.14	22	P	P	12 45 23.7	-0.1
M20K	Styx River	80.21	20	P	Iamb	12 45 24.5	+0.1
M20K	comp=Z,248nm,1.6s	80.21	20	P	Iamb	12 45 37.1	
M20K	Styx River	80.21	20	P	P	12 45 34.3	-0.1
MOY	Monday	80.22	327	eP	pmax	12 45 23.3	-1.4
SEW	Seaward	80.34	23	P	Iamb	12 45 25.8	+0.8
SEW	comp=Z,130nm,1.2s	80.34	23	P	Iamb	12 45 39.3	
SEW	Seaward	80.34	23	P	P	12 45 24.7	-0.2
L20K	Farewell, AK	80.38	20	P	P	12 45 25.9	+0.7
O22K	Cooper Landing	80.48	22	P	IAMS_20	12 45 26.5	+0.8
O22K	comp=Z,6um,19.0s	80.48	22	P	IAMS_20	13 17 04.9	
O22K	Cooper Landing	80.48	22	P	P	12 45 25.4	-0.3
BOK	Bokaro	80.66	296	eP	Iamb	12 45 25.8	-1.8
BOK	comp=Z,34nm,1.5s	80.66	296	eP	Iamb	12 45 34.2	
FIS	Fire Island	80.73	22	P	P	12 45 28.7	+1.7
SUA	Susitna One	80.76	21	P	P	12 45 27.7	+0.3
SUA	comp=Z,89nm,1.0s	80.76	21	P	Iamb	12 45 39.2	
SUA	Susitna One	80.76	21	P	P	12 45 26.1	-1.2
SKT	Skwentna	80.83	21	P	IAMS_20	12 45 26.2	-1.4
SKT	comp=Z,3um,20.0s	80.83	21	P	IAMS_20	13 19 06.0	
SKT	Skwentna	80.83	21	P	P	12 45 25.4	-2.2
RC1	Rabbit Creek A	80.87	22	P	Iamb	12 45 28.2	+0.4
RC1	comp=Z,133nm,1.2s	80.87	22	P	Iamb	12 45 39.5	
RC1	Rabbit Creek A	80.87	22	P	IAMS_20	13 17 10.2	
RC1	comp=Z,5um,19.0s	80.87	22	P	IAMS_20	13 17 10.2	
K20K	Telida	80.94	19	P	IAMS_20	12 45 28.9	+0.7
K20K	comp=Z,3um,19.0s	80.94	19	P	IAMS_20	13 12 18.9	
K20K	Telida	80.94	19	P	P	12 45 28.4	+0.2
P23K	Montague Islan	81.06	24	P	P	12 45 29.1	+0.3
GCSA	Galena City Sc	81.11	17	P	P	12 45 29.0	+0.1
GCSA	comp=Z,222,SNR=16	81.11	17	P	P	12 45 29.0	+0.1
Q23K	Middleton Isla	81.13	24	P	P	12 45 29.6	+0.4
M22K	Willow	81.17	21	P	P	12 45 29.1	-0.2
M22K	Willow	81.17	21	P	P	12 45 28.5	-0.9
PPLA	Purkeypile	81.23	20	P	Iamb	12 45 29.2	-0.7
PPLA	comp=Z,131nm,1.2s	81.23	20	P	Iamb	12 45 41.7	
PPLA	Purkeypile	81.23	20	P	P	12 45 28.7	-1.2
PWL	Port Wells	81.25	23	P	Iamb	12 45 30.4	+0.5
PWL	comp=Z,206nm,1.1s	81.25	23	P	Iamb	12 45 41.6	
PWL	Port Wells	81.25	23	P	P	12 45 30.5	+0.6
PMR	Palmer	81.42	22	P	Iamb	12 45 30.6	-0.1
PMR	comp=Z,181nm,1.2s	81.42	22	P	Iamb	12 45 42.3	
PMR	Palmer	81.42	22	P	P	12 45 30.5	-0.1
PMR	comp=Z,230,SNR=10	81.42	22	P	P	12 45 30.6	-0.1
PMR	Palmer	81.42	22	pmax	pmax	12 45 30.6	-0.1
J20K	Nowinta River	81.50	18	P	IAMS_20	12 45 31.6	+0.5
J20K	comp=Z,3um,20.0s	81.50	18	P	IAMS_20	13 15 05.7	
J20K	Nowinta River	81.50	18	P	P	12 45 31.8	+0.7
CUT	Chulitna	81.55	21	P	IAMS_20	12 45 30.6	-0.8
CUT	comp=Z,3um,18.0s	81.55	21	P	IAMS_20	13 18 06.2	
CUT	Chulitna	81.55	21	P	P	12 45 30.6	-0.8
KNK	Knik Glacier	81.56	22	P	Iamb	12 45 31.0	-0.4
KNK	comp=Z,127nm,1.3s	81.56	22	P	Iamb	12 45 09.2	
KNK	Knik Glacier	81.56	22	P	IAMS_20	13 17 33.3	
KNK	comp=Z,5um,19.0s	81.56	22	P	IAMS_20	13 17 33.3	
KNK	Knik Glacier	81.56	22	P	P	12 45 31.5	0.0
GHO	Ghory Hole Cre	81.62	22	P	Iamb	12 45 31.5	-0.4
GHO	comp=Z,95nm,1.0s	81.62	22	P	Iamb	12 45 52.6	
GHO	Ghory Hole Cre	81.62	22	P	IAMS_20	13 17 36.8	
CAST	Castle Rocks	81.63	19	P	Iamb	12 45 31.3	-0.6
CAST	comp=Z,224nm,1.4s	81.63	19	P	Iamb	12 45 43.5	
CAST	Castle Rocks	81.63	19	P	IAMS_20	13 20 43.0	
CAST	comp=Z,3um,19.0s	81.63	19	P	IAMS_20	13 20 43.0	
PALK	Pallekele	81.75	279	P	P	12 45 33.4	-0.2
PALK	comp=Z,17nm,1.0s, baz=178,slow=5.7, SNR=5.4	81.75	279	P	LR	13 24 32.6	
PALK	Pallekele	81.75	279	P	P	12 45 31.0	-2.5
PALK	comp=Z,1um,21.4s, baz=209,slow=38	81.75	279	P	LR	12 45 32.7	-0.9
SML	Sawmill	81.86	22	P	IAMS_20	12 45 32.8	-0.3
SML	comp=Z,5um,19.0s	81.86	22	P	IAMS_20	13 16 13.2	
SML	Sawmill	81.86	22	P	P	12 45 33.2	+0.1
CHUM	Lake Minchum	81.87	19	P	P	12 45 32.7	-0.3
JHSG	JHARSUGIGA	82.03	294	eP	Iamb	12 45 34.5	-0.4
JHSG	comp=Z,35nm,0.5s	82.03	294	eP	Iamb	12 45 42.1	
EYAK	Cordova Ski Ar	82.05	24	P	Iamb	12 45 35.4	+1.4
EYAK	comp=Z,231nm,1.7s	82.05	24	P	Iamb	12 45 45.8	
EYAK	Cordova Ski Ar	82.05	24	P	P	12 45 34.6	+0.6
EYAK	comp=Z,231nm,1.7s	82.05	24	P	P	12 45 36.5	+2.5
M23K	Cordova Ski Ar	82.07	22	P	P	12 45 34.3	+0.1
KTH	Kantishna Hill	82.10	20	P	IAMS_20	12 45 33.8	-0.5
KTH	comp=Z,3um,19.0s	82.10	20	P	IAMS_20	13 18 23.6	
RDOG	Red Dog Mine	82.16	13	P	P	12 45 34.1	-0.5
KAIM	Kayak Island	82.21	24	P	P	12 45 36.6	+1.7
SCM	Sheep Creek Mo	82.24	22	P	IAMS_20	12 45 34.9	-0.2
SCM	comp=Z,4um,21.0s	82.24	22	P	IAMS_20	13 14 14.4	
SCM	Sheep Creek Mo	82.24	22	P	P	12 45 34.9	-0.2
SCM	comp=Z,231,SNR=6	82.24	22	P	P	12 45 34.9	-0.2
SCM	Sheep Creek Mo	82.24	22	pmax	pmax	12 45 34.9	-0.2
TRF	Thorofare Mine	82.24	20	P	Iamb	12 45 34.7	-0.6
TRF	comp=Z,128nm,1.2s	82.24	20	P	Iamb	12 45 46.0	
TRF	Thorofare Mine	82.24	20	P	IAMS_20	13 20 32.4	
TRF	comp=Z,4um,18.0s	82.24	20	P	IAMS_20	13 20 32.4	
TRF	Thorofare Mine	82.24	20	P	P	12 45 34.3	-1.0
DIV	Divide	82.29	23	P	Iamb	12 45 36.4	+0.4
DIV	comp=Z,99nm,1.1s	82.29	23	P	Iamb	12 45 50.0	
DIV	Divide	82.29	23	P	P	12 45 34.8	-1.4
WATI	Susitna Watana	82.43	21	P	P	12 45 35.9	-0.2
BPWA	Bear Paw Mtn.	82.45	19	P	Iamb	12 45 34.8	-1.4
BPWA	comp=Z,134nm,1.4s	82.45	19	P	Iamb	12 45 47.7	
BPWA	Bear Paw Mtn.	82.45	19	P	IAMS_20	13 21 44.8	
BPWA	comp=Z,3um,19.0s	82.45	19	P	IAMS_20	13 21 44.8	
BPWA	Bear Paw Mtn.	82.45	19	P	P	12 45 35.1	-1.1

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KLU	Klutina	82.56	23	P	P	12 45 36.5	-0.4
KLU	comp=Z,233,SNR=5.6	82.56	23	P	P	12 45 37.2	+0.4
WAT6	Susitna Watana	82.56	21	P	P	12 45 36.6	-0.4
RND	Reindeer	82.70	20	P	Iamb	12 45 37.2	-0.3
RND	comp=Z,172nm,1.3s	82.70	20	P	Iamb	12 45 49.5	
RND	Reindeer	82.70	20	P	IAMS_20	13 17 11.4	
RND	comp=Z,3um,21.0s	82.70	20	pmax	pmax	12 45 37.2	-0.3
RND	Reindeer	82.70	20	P	P	12 45 37.6	-0.2
BMRM	Bremner River	82.75	24	P	Iamb	12 45 37.6	-0.2
BMRM	comp=Z,172nm,1.3s	82.75	24	P	Iamb	12 45 51.2	
BMRM	Bremner River	82.75	24	P	P	12 45 37.8	0.0
BERG	Berg Lake	82.78	24	P	IAMS_20	12 45 38.5	+0.7
BERG	comp=Z,4um,21.0s	82.78	24	P	IAMS_20	13 17 43.7	
M24K	Tolsona, Glenn	82.84	22	P	P	12 45 39.3	+1.0
M24K	comp=Z,231,SNR=15	82.84	22	P	P	12 45 39.0	+0.8
I21K	Tanana	82.87	18	P	IAMS_20	12 45 38.5	+0.3
I21K	comp=Z,3um,19.0s	82.87	18	P	IAMS_20	13 29 19.0	
I21K	Tanana	82.87	18	P	P	12 45 38.3	0.0
MCK	McKinley	82.89	20	P	IAMS_20	12 45 37.9	-0.5
MCK	comp=Z,4um,19.0s	82.89	20	P	IAMS_20	13 18 59.3	
MCK	McKinley	82.89	20	P	P	12 45 37.8	-0.6
MCK	comp=Z,248nm,1.2s	82.89	20	pmax	pmax	12 45 37.9	-0.5
MCK	McKinley	82.89	20	P	P	12 45 37.8	-0.6
IMAR	Indian Mountain	82.91	17	P	P	12 45 38.7	+0.2
H21K	Melozitna River	82.96	18	P	IAMS_20	12 45 39.0	+0.3
H21K	comp=Z,3um,20.0s	82.96	18	P	IAMS_20	13 15 50.1	
H21K	Melozitna River	82.96	18	P	P	12 45 39.2	+0.5
BWN	Browne	83.00	20	P	IAMS_20	12 45 38.7	-0.2
BWN	comp=Z,4um,18.0s	83.00	20	P	IAMS_20	13 21 26.7	
DHY	Denali Highway	83.00	21	P	Iamb	12 45 39.2	0.0
DHY	comp=Z,102nm,1.1s	83.00	21	P	Iamb	12 45 51.6	
DHY	Denali Highway	83.00	21	P	IAMS_20	13 19 10.6	
DHY	comp=Z,4um,20.0s	83.00	21	P	IAMS_20	13 19 10.6	
DHY	Denali Highway	83.00	21	P	P	12 45 39.8	+0.6
N25K	Chitina, Valde	83.13	23	P	IAMS_20	12 45 40.7	+0.9
N25K	comp=Z,5um,19.0s	83.13	23	P	IAMS_20	13 18 25.1	
N25K	Chitina, Valde	83.13	23	P	P	12 45 40.3	+0.5
MLY	Manley	83.16	19	P	IAMS_20	12 45 39.5	-0.3
MLY	comp=Z,3um,18.0s	83.16	19	P	IAMS_20	13 20 19.4	
MLY	Manley	83.16	19	P	P	12 45 39.5	-0.3
GLB	Gilahina Butte	83.24	23	P	P	12 45 40.9	+0.1
G21K	Allakaket	83.26	17	P	P	12 45 41.1	+0.4
VRDI	Verde Repeater	83.36	24	P	Iamb	12 45 41.8	+0.6
VRDI	comp=Z,105nm,1.1s	83.36	24	P	Iamb	12 45 53.5	

20d 13h

Table with columns for station code, name, time, frequency, and signal strength. Includes stations like Kunming, Phrae, Chiangrai, etc.

2016 DEC

Table with columns for station code, name, time, frequency, and signal strength. Includes stations like Baijiatuu, Sinuiju, Haotio jima 2, etc.

1544

Table with columns for station code, name, time, frequency, and signal strength. Includes stations like MKAR, Makanchi Array, Makanchi, etc.

20d 14h

2016 DEC

1546

TUL 20 14:03:07.2-0.6,36.172N,0.007-96.77W,0.1,4km,2km, ML3.2,mb,Lg3.2/94(NEIC),Error ellipse: s-maj=1.2km s-min=0.9km az=81.0

NEIC 20 14:03:07.0-0.6,36.168N,0.006-96.781W,0.0,0.0,0.0, h5km,1km,Error ellipse: s-maj=2.5km s-min=1.3km az=112.0

ANF 20 14:03:07.3-0.5,36.18N,96.75W,h1km,3km,ML3.9/14, Error ellipse: s-maj=3.1km s-min=1.9km az=48.0

ISC 20 14:03:07.5-0.6,36.18N,0.002-96.78W,0.0,2,h6km,6km, n108,c051/84,Oklahoma

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Contains station data for QUOK, OK053, OK052, OK033, OK031, OK030, OK046, OK050, OK048, DEOK, DEOK, BLOK, OK011, OK025, T35A, T35B, T35B, TUL1, TUL1, TUL1, BCOK, KAN13, W35A, CROK, FNO, G002, KAN09, KS20, KAN14, KAN01, KAN05, OK032, KS21, KAN06, RLO, KAN10, KAN08, KAN12, OK038, CSTR, OK035, X34A, U32A, U32A, U32A, U38A, U38A, X37A, X37A, X37A, WMOK, WMOK, LOOK, LOOK, R32A, R32A, R32A, KSU1, KSU1, MIAR, MIAR, S39A, S39A, FW06, FW06, Z38A, Z38A, FW03, CBKS, CBKS, FW07, X40A, MGMO, WHAR, WHAR, FCAR, FCAR, UALR, R40A, R40A, R40A, AMTX, WHTX, WHTX, P38A, P38A, P38A, LCAR, LCAR, N33A, N33A, CCAR, NATX, N35A, N35A, CCM, CCM.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Contains station data for CCM, P40A, PBMO, BGNE, BGNE, N38A, N38A, KSC0, GNAR, 143A, SLM, CGM3, S44A, S44A, J25A, JCT, W45A, OGNF, SCIA, SCIA, K38A, L40A, OLIL, BRIGG, T47A, L42A, JFWF, N23A, SFIN, HQIL, K22A.

NNC 20 14:05:24.5-1.4,43.94N,86.00E,h0km,mb3.9,mpv3.5, Error ellipse: s-maj=10.7km s-min=5.7km az=106.0

SOME 20 14:05:26.4,44.02N,85.75E,h0km, Error ellipse: s-maj=10.7km s-min=5.7km az=106.0

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Contains station data for ZSN, ZSN, ZSN, ZSN, MK31, MK31, MK31, MAKZ, MAKZ, MAKZ, MAJZ, DJR, PDGK, PDGK, PDGK, PDGK, SHLS, SHLS, SHLS, UZB, UZB, UZB, UZB, KPKS, KPKS, KPKS, SATY, SATY, SATY, ARXS, ARXS, MDOK, MDOK, KURB, KURB, KURK, KURK, NNOU, WEL, ISC, CMWZ.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Contains station data for BSWZ, BSWZ, TUWZ, TUWZ, SNZ0, SNZ0, TCW, PLWZ, KHZ, KHZ, CAW, CAW, NNZ, NNZ, THZ, THZ, KIWI, KIWI, TRWZ, TRWZ, MTW, MTW, DUWZ, DUWZ, OGWZ, OGWZ, MRNZ, MRNZ, HOWZ, HOWZ, TKNZ, TKNZ, WMLZ, WMLZ, GVZ, GVZ, MRZ, MRZ, TIWZ, TIWZ, CPWZ, CPWZ, GQZ, GQZ, ORZ, ORZ, LTZ, LTZ, PRWZ, PRWZ, AMCZ, AMCZ, OHWZ, OHWZ, MHWZ, MHWZ, BFZ, BFZ, BFZ, BFZ, OKCZ, OKCZ, DVHZ, DVHZ, WAZ, WAZ, TSZ, TSZ, MQZ, MQZ, AKCZ, AKCZ, PRHZ, PRHZ, PNHZ, PNHZ, LREZ, LREZ, RACZ, RACZ, NMEZ, NMEZ, KHEZ, KHEZ, NEZ, NEZ, MTWZ, MTWZ, MHZ, MHZ, NBEZ, NBEZ, PXZ, PXZ, MOVZ, MOVZ, DREZ, DREZ, PKZ, PKZ, KRHZ, KRHZ, BHHZ, BHHZ, VNWZ, VNWZ, TRVZ, TRVZ, DRZ, DRZ, WHVZ, WHVZ, VRZ, VRZ, WACZ, WACZ, FWVZ, FWVZ, TUVZ, TUVZ, KAHZ, KAHZ, NGZ, NGZ, SNVZ, SNVZ, OTVZ, OTVZ, NNVZ, NNVZ, KWHZ, KWHZ, TWVZ, TWVZ, ETVZ, ETVZ, VVZ, VVZ, TMVZ, TMVZ, KRVZ, KRVZ, NTVZ, NTVZ, RPZ, RPZ, RPZ, RPZ, RATZ, RATZ, BKZ, BKZ, BKZ, BKZ, RATZ, RATZ, GCSZ, GCSZ, HIZ, HIZ, HIZ, HIZ, MRHZ, MRHZ, TMZ, TMZ, MTWZ, MTWZ, ALRZ, ALRZ, TLZ, TLZ, PRRZ, PRRZ, FOZ, FOZ, LBZ, LBZ, IHRZ, IHRZ, ODZ, ODZ, ODZ, ODZ, LIRZ, LIRZ, URZ, URZ, URZ, URZ, JAZZ, JAZZ, JAZZ, JAZZ, MKAZ, MKAZ, ETAZ, ETAZ, MBAZ, MBAZ, CTZ, CTZ.

IDC 20 14:12:14.3-1.3,0.52S:131.53E,h0km,mb3.7/3, mbmp3.6/4,ML3.5/1, Error ellipse: s-maj=30.6km s-min=8.9km az=118.0

DJA 20 14:12:20.0-0.5,1.5S:4.13E,h10km,M3.9/8,MLV3.9/8

ISC 20 14:12:16.4-1.1,0.87S:0.08:130.92E:0.05,h10km,n10, c0971/27,mb3.9/3,Irian Jaya region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Contains station data for SIJI, SIJI, FAKI, FAKI, FAKI, FAKI, MSAP, MSAP, RANSI, RANSI, BNDI, BNDI, AAI, AAI, WRA, WRA, ASAR, ASAR, MKAR, MKAR, KURB, KURB.

mb3.7/4, Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	h	m	s	ISC
PMG	Port Moresby	7.46	250	Pn	Pn	14 27 01.3	+0.1			
WRA	Warramunga Arr	23.27	234	P	P	14 30 18.6	-1.0			
ASAR	Alice Springs	25.70	227	P	P	14 30 42.1	+0.2			
KSRS	Korea Array	50.52	333	P	P	14 34 09.0	-0.7			
CMAR	Chiang Mai Arr	60.09	296	P	P	14 35 20.0	+0.9			
TORD	Torodi Arr, Bea	152.30	285	PKIKP	PKIKP	14 45 08.8	+0.4			

WEL 20 14:34:15.6, 38°S: 177°18'E; h14, h34km, 12km, M2.1/11, ML2.2/15, MLV2.1/11, Error ellipse: s-maj=0.0km s-min=0.0km az=72.9, Off east coast of North Island

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	h	m	s	ISC
CNGZ	Carnagh Station	0.25	243	P	Pb	14 34 23.1	+0.3			
PUZ	Pukeiti	0.35	239	P	Pb	14 34 24.1	-0.1			
TWZ	Tauwhareparea	0.44	296	P	Pb	14 34 26.3	+0.6			
TKGZ	Te Karaka	0.51	262	P	Pb	14 34 26.6	+0.2			
WMGZ	Waiomatatini S	0.55	354	P	Pb	14 34 26.1	-0.9			
PKGZ	Pakihoro	0.58	326	P	Pb	14 34 27.7	-0.0			
RIGZ	Rimuhara	0.66	339	P	Pb	14 34 28.3	+0.3			
MWZ	Matawai	0.76	273	P	Pb	14 34 30.2	+0.2			
RUGZ	Raukumara Rang	0.76	302	P	Pb	14 34 30.2	+0.2			
MXZ	Matea Point	0.83	350	P	Pb	14 34 30.2	+0.8			
HYZ	Te Kaha	0.83	318	P	Pb	14 34 31.0	+0.2			
SNZG	Shannon Station	0.99	245	P	Pb	14 34 32.8	-0.3			
URZ	Urewera	1.09	276	P	Pb	14 34 35.5	-0.4			
RTZ	Ruatanga	1.21	258	P	Pb	14 34 37.0	+0.8			
MWZ	Murupara	1.35	265	P	Pb	14 34 39.1	+1.0			
MRHZ	Matea Rd	1.42	343	P	Pb	14 34 41.4	+0.4			
BKZ	Black Stump Fm	1.75	242	P	Pb	14 34 43.5	-0.1			
KWZ	Kaweka Forest	1.92	236	P	Pb	14 34 45.4	-0.6			
BHZZ	Black Hill Sta	2.19	239	P	Pb	14 34 49.2	-0.6			
MTW	Mount Morrison	3.61	219	P	Pb	14 35 14.8	-0.4			

NOU 20 14:35:20.9, 42°40'S: 173°87'E, h11km, MLv4.4/14, South Island, New Zealand

NEIC 20 14:35:21.9, 1.5, 42°24'S: 0°03:173°73'E: 0°05, h18km, 8km, mb4.1/3, Error ellipse: s-maj=5.7km s-min=3.7km az=120.0

WEL 20 14:35:22.0, 2.0, 42°S: 2°17'4E: h5km, M4.0/47, ML4.3/14, MLV4.0/47, Error ellipse: s-maj=0.0km s-min=0.0km az=118.2, confirmed

ISC 20 14:35:21.2, 0.9, 42.333°S: 0°03:173°84'E: 0°03, h21km, n173, e°131/175, mb4.4/3, South Island

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time Res	h	m	s	ISC
KHZ	Kahutara	0.24	250	P	Pb	14 35 26.7	-0.5			
KHZ	Kahutara	0.24	250	P	Pb	14 35 27.0	-0.2			
KHZ	Kahutara	0.24	250	P	Pb	14 35 26.8	-0.4			
BHWZ	Blackbirch Sta	0.62	2	P	Sb	14 35 30.8	-0.8			
BSWZ	Blackbirch Sta	0.62	2	P	Pb	14 35 32.7	-0.8			
BSWZ	Blackbirch Sta	0.62	2	P	Pb	14 35 32.7	-0.8			
BSWZ	Blackbirch Sta	0.65	26	Pg	Sb	14 35 41.2	-0.5			
CMWZ	Cape Campbell	0.65	26	P	Pb	14 35 35.4	+0.3			
CMWZ	Cape Campbell	0.65	26	P	Pb	14 35 35.3	+0.3			
GVZ	Greta Valley S	0.87	223	P	Pb	14 35 39.4	+1.2			
GVZ	Greta Valley S	0.87	223	P	Pb	14 35 39.4	+1.2			
THZ	Tophouse	0.90	309	P	Pb	14 35 36.3	-1.8			
THZ	Tophouse	0.90	309	P	Pb	14 35 36.4	-1.8			
THZ	Tophouse	0.90	309	P	Pb	14 35 36.4	-1.8			
TUWZ	Tuamaina	0.91	5	P	Pb	14 35 38.0	-0.2			
TUWZ	Tuamaina	0.91	5	P	Pb	14 35 38.0	-0.2			
NNZ	Nelson	1.17	343	P	Pb	14 35 41.4	-0.9			
NNZ	Nelson	1.17	343	P	Pb	14 35 41.4	-0.9			
TCW	Tory Channel	1.17	16	P	Pb	14 35 42.8	+0.1			
TCW	Tory Channel	1.17	16	P	Pb	14 35 42.8	+0.1			
BHW	Barimotu	1.32	30	P	Pb	14 35 42.9	+0.5			
SNZO	South Karori	1.21	33	P	Pb	14 35 43.9	+0.5			
SNZO	South Karori	1.21	33	P	Pb	14 35 44.1	+1.1			
AMCZ	Amberley	1.22	226	P	Pb	14 35 43.7	+0.3			
AMCZ	Amberley	1.22	226	P	Pb	14 35 43.8	+0.3			
MRNZ	Matariki Terra	1.24	319	P	Pb	14 35 42.5	-0.7			
MRNZ	Matariki Terra	1.24	319	P	Pb	14 35 42.9	-0.7			
LTX	Lake Taylor	1.24	248	Pn	Pb	14 35 43.7	-0.3			
LTX	Lake Taylor	1.24	248	Pn	Pb	14 35 43.7	-0.3			
WEL	Wellington	1.26	34	P	Pb	14 35 44.8	+0.6			
PLWZ	Palliser	1.30	55	P	Pb	14 35 45.0	0.0			
PLWZ	Palliser	1.30	55	P	Pb	14 35 45.3	+0.3			
MSWZ	Mokai Station	1.40	24	Pn	Pb	14 35 46.0	+0.5			
TKNZ	Takaka Hill	1.46	333	P	Pb	14 35 46.4	+0.1			
TKNZ	Takaka Hill	1.46	333	P	Pb	14 35 46.5	+0.2			
OKCZ	Okains Bay	1.50	202	P	Pb	14 35 48.1	-0.3			
PAWZ	Paruwai Farm	1.52	52	P	Pb	14 35 48.0	-0.7			
CAW	Cannon Point	1.52	5	P	Pb	14 35 48.1	-0.5			
DUWZ	D'Urville Isla	1.53	2	P	Pb	14 35 47.8	+0.5			
MQZ	McQueen's Vall	1.62	212	P	Pb	14 35 48.8	+0.2			
MQZ	McQueen's Vall	1.62	212	P	Pb	14 35 48.8	+0.2			
DSZ	Denniston North	1.63	291	P	Pb	14 35 49.2	+0.5			
OSZ	Oxford	1.66	233	P	Pb	14 35 49.0	-0.1			
OSZ	Oxford	1.66	233	P	Pb	14 35 48.8	-0.1			
TRWZ	Traveller	1.67	56	P	Pb	14 35 49.9	+0.7			
KIW	Kapiti Island	1.68	29	P	Pb	14 35 50.4	-0.9			
KACZ	Akaroa Harbour	1.68	204	P	Pb	14 35 50.5	-0.9			
MTW	Mount Morrison	1.71	47	P	Pb	14 35 50.4	+0.6			
GRZ	Guarua Range	1.80	326	P	Pb	14 35 52.9	+0.9			
QRZ	Quartz Range	1.80	326	P	Pb	14 35 52.2	+1.2			
INZ	Inchbonnie	1.81	257	P	Pb	14 35 51.4	+0.2			
INZ	Inchbonnie	1.81	257	P	Pb	14 35 51.6	+0.5			
OGWZ	Otaki George	1.81	34	P	Pb	14 35 52.1	+0.9			
RACZ	Rakaia	1.87	221	P	Pb	14 35 52.1	+0.2			
PLWZ	Palliser	1.87	221	P	Pb	14 35 52.9	+0.5			
TMWZ	Te Maipa	1.96	52	P	Pb	14 35 53.9	+0.6			
MHCZ	Mount Hutt	2.05	234	P	Pb	14 35 54.4	-0.2			
MRZ	Mangatainoka R	2.12	39	P	Pb	14 35 55.7	+0.3			
MRZ	Mangatainoka R	2.12	39	P	Pb	14 35 56.0	+0.5			
WACZ	Wakapu South	2.17	222	P	Pb	14 35 56.3	+0.2			
TWZ	Tintock	2.19	45	P	Pb	14 35 57.7	+0.3			
CPWZ	Castlepoint	2.27	52	P	Pb	14 35 58.0	+0.6			
PRWZ	Porirua Road	2.39	43	P	Pb	14 35 59.4	+0.3			
OHWZ	Ohakea	2.40	28	P	Pb	14 36 01.2	+2.0			
WVZ	Waikanae Valley	2.41	251	P	Pb	14 36 00.0	+0.7			
POWZ	Post Office Rn	2.42	37	P	Pb	14 36 02.7	+0.4			
BFZ	Birch Farm	2.45	48	P	Pb	14 36 00.0	0.0			
BFZ	Birch Farm	2.45	48	P	Pb	14 35 59.9	0.0			
BFZ	Birch Farm	2.45	48	P	Pb	14 35 59.8	-0.1			
RPZ	Rata Peaks	2.47	235	P	Pb	14 36 00.2	0.0			
RPZ	Rata Peaks	2.47	235	P	Pb	14 36 00.2	0.0			
ARCZ	Arundel	2.50	92	P	Pb	14 36 02.9	-0.1			
DVHZ	Dannevirke	2.68	42	P	Pb	14 36 02.9	-0.3			
WAZ	Wanganui	2.72	19	P	Pb	14 36 06.0	+2.3			
ANWZ	Angora Road	2.73	47	P	Pb	14 36 03.6	-0.2			
GSZ	Gaunt Creek Bo	2.77	248	P	Pb	14 36 05.7	+1.5			
TSZ	Takapara Road	2.78	36	P	Pb	14 36 04.7	+0.2			
LREZ	Lake Rotokare	2.90	9	P	Pb	14 36 09.0	+2.9			
TMZ	Timaru	2.91	224	P	Pb	14 36 06.5	+0.2			
NMEZ	Namu Road	2.92	1	P	Pb	14 36 10.3	-2.2			
PRHZ	Porangahau	2.95	46	P	Pb	14 36 06.4	-0.4			
WPHZ	Waipukurua	3.00	42	P	Pb	14 36 07.3	-0.2			
PNHZ	Pukenui	3.02	37	P	Pb	14 36 07.5	-0.1			
KHEZ	Kahui Hut	3.04	3	P	Pb	14 36 10.8	+2.7			
KHEZ	Kahui Hut	3.04	3	P	Pb	14 36 11.3	+3.1			
NBEZ	Newall Road No	3.06	0	P	Pb	14 36 11.0	+2.6			
NEZ	North Egmont	3.07	4	P	Pb	14 36 11.5	+3.0			
PKE	Pukeiti	3.14	2	P	Pb	14 36 12.1	+2.7			
DFZ	Durham Road	3.15	5	P	Pb	14 36 12.7	+3.1			
FOZ	Fox Glacier	3.19	247	Pn	Pb	14 36 11.2	+1.2			
FOZ	Fox Glacier	3.19	247	Pn	Pb	14 36 11.1	+1.0			
MT										

1551

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ESDC Sonseca Array, SCM Sheep Creek, HDL Harding Lake, etc.

NEIC 20 15:43:57.8-0.7, 5.47S, 0.05-153.4E, 0.1, h10km, 6km, mb4.6/8, Error ellipse: s-maj=16.4km s-min=7.2km az=77.0

IDC 20 15:44:02.9-2.9, 5.52S, 153.38E, h44km, 24km, mb3.7/9, mbtmp4.0/10, ML2.3/1, MS3.8/5, Error ellipse: s-maj=30.2km s-min=19.5km az=81.0

ISC 20 15:44:02.3-0.7, 5.45S, 0.07-153.4E, 0.1, h43km, n29, a=1917/25, mb4.0/11, MS3.5/4, New Ireland region

Main table for 1551 section, listing station data and event details for stations like RABL, KRVT, KRVT, etc.

KRNET 20 16:03:11.8-0.1, 39.02N, 72.64E, h14km, mb3.7
SOME 20 16:03:19.7, 39.33N, 72.97E, h5km
NEIC 20 16:03:20.2-2.4, 39.00N, 0.06-72.64E, 0.09, h35km, 2km, mb4.3/2, Error ellipse: s-maj=13.2km s-min=8.8km az=121.0

NNC 20 16:03:20.9-1.2, 39.36N, 72.91E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=9.4km s-min=5.6km az=3.0

ISC 20 16:03:15.8-0.8, 39.00N, 0.05-72.54E, 0.03, h10km, n74, a=1994/106, mb4.5/3, 31C-13D, Tajikistan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DRK Karamyk, DRK baz=6.0, OHH Osh, etc.

2016 DEC

Main table for 2016 DEC section, listing station data and event details for stations like OHH Batken, BTK Batken, GAR Garm, etc.

20d 16h

Main table for 20d 16h section, listing station data and event details for stations like SATY 3.1nm, 0.6s, SATY 7.3nm, 0.4s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ETAZ, RVAZ, MVAZ, HEL 20 16:11:28.4,0.1,67.81N,33.63E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOLA 20 16:11:54.5,67.55N,34.07E, HEL 20 16:11:53.2,0.1,67.81N,33.63E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 20 16:17:27.4,2.1,17.67N,104.101W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZIIG, UON, ARIG, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like U49A, U49A, I21K, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 20 16:21:09.7,4.0,6.74S, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

KTH	comp=Z,20nm,1.1s	I	Amb	I	Amb	17 28 21.1
C24K	Franklin Bluff baz=27,SNR=12	75.70	21	P	P	17 28 19.2 +0.6
TRF	Thorofore Moun comp=Z,17nm,1.1s	75.88	28	I	Amb	17 28 23.2
TRF	Thorofore Moun baz=277	75.88	28	P	P	17 28 20.7 +0.7
H23K	Yukon River comp=Z,31nm,1.1s	75.88	25	I	Amb	17 28 23.0
H23K	Yukon River baz=278	75.88	25	P	P	17 28 21.1 +1.3
SUA	Susitna One	75.92	30	P	P	17 28 19.3 -0.9
SUA	Susitna One baz=278,SNR=15	75.92	30	P	P	17 28 20.4 +0.2
E24K	Your Creek baz=278	75.99	23	P	P	17 28 21.5 +1.1
CUT	Chullina baz=278,SNR=6.8	76.02	29	P	P	17 28 20.9 +0.3
I23K	Minto, Yukon-K comp=Z,15nm,1.0s	76.05	26	I	Amb	17 28 23.3
I23K	Minto, Yukon-K baz=278,SNR=11	76.05	26	P	P	17 28 21.7 +1.0
BWN	Browne comp=Z,27nm,1.0s	76.14	27	I	Amb	17 28 24.3
BRSE	Bradley Lake S baz=278	76.16	31	P	P	17 28 21.4 -0.1
M22K	Willow	76.18	29	P	P	17 28 20.4 -1.1
M22K	Willow baz=278,SNR=12	76.18	29	P	P	17 28 21.3 -0.2
NEA2	Nenana	76.25	26	P	P	17 28 21.4 -0.5
NEA2	Nenana baz=278,SNR=15	76.25	26	P	P	17 28 22.1 +0.2
URZ	Urewera	76.30	137	LR	LR	18 03 01.5
F24K	Squaw Lake comp=Z,1.45nm,19.5s	76.30	23	P	P	17 28 22.5 +0.4
MCK	McKinley baz=279,SNR=13	76.44	27	P	P	17 28 22.8 -0.1
RC01	Rabbit Creek A comp=Z,29nm,1.3s	76.46	30	I	Amb	17 28 42.7
RC01	Rabbit Creek A baz=278	76.46	30	P	P	17 28 22.6 -0.5
RND	Reindeer comp=Z,26nm,1.1s	76.52	28	I	Amb	17 28 24.4
ARC5	ARCESS Array B comp=Z,3.9nm,0.6s,baz=76,slow=6.4,SNR=14	76.52	339	P	P	17 28 22.9 -0.4
MDM	Murphy Dome	76.55	26	P	P	17 28 23.3 -0.3
MDM	Murphy Dome baz=278	76.55	26	P	P	17 28 26.0
O22K	Cooper Landing	76.56	31	P	P	17 28 22.8 -0.9
H24K	Noodor Dome	76.56	25	I	Amb	17 28 25.9
H24K	Noodor Dome comp=Z,14nm,1.1s	76.56	25	P	P	17 28 24.0 +0.3
D25K	Kavik River	76.57	21	P	P	17 28 24.3 +0.6
G24K	Hadweenzic Riv baz=280	76.58	24	P	P	17 28 24.9 +1.2
MMAI	Mount Meron Ar comp=Z,161nm,19.2s,baz=298,slow=40	76.64	301	LR	LR	18 07 04.7
PMR	Palmer comp=Z,23nm,1.0s	76.67	29	I	Amb	17 28 25.6
PMR	Palmer baz=279	76.67	29	P	P	17 28 25.3 +1.0
WRH	Wood River Hil comp=Z,15nm,1.1s	76.69	26	I	Amb	17 28 26.4
TCOL	CIGO, UAF Yank baz=279	76.72	26	P	P	17 28 25.5 +1.0
COLA	College	76.72	26	P	P	17 28 25.5 +1.1
COLA	College baz=279	76.72	26	P	P	17 28 25.2 +0.7
GHO	Glory Hole Cre	76.74	29	P	P	17 28 23.4 -1.4
GHO	Glory Hole Cre comp=Z,27nm,1.1s	76.75	28	P	P	17 28 24.9 +0.2
WAT1	Susitna Watana baz=279	76.75	28	P	P	17 28 24.9 +0.2
SEW	Seward baz=279	76.75	31	P	P	17 28 25.3 +0.6
GHAJ	Ghor Haditha	76.82	299	P	P	17 28 25.3 -0.4
GHAJ	Ghor Haditha comp=Z,16nm,1.1s	76.82	299	I	Amb	17 29 15.2
BRTR	Reskin Array B comp=Z,146nm,19.2s,baz=65,slow=39	76.85	308	LR	LR	18 07 03.3
POKR	Poker Plat Res	76.86	26	P	P	17 28 26.5 +1.1
C26K	Camden Bay	76.97	21	P	P	17 28 27.3 +1.5
SML	Sawmill	77.01	29	P	P	17 28 24.9 -1.5
SML	Sawmill baz=280,SNR=5.1	77.01	29	P	P	17 28 26.7 +0.3
KNK	Knik Glacier baz=280,SNR=5.9	77.02	30	P	P	17 28 27.0 +0.7
E25K	Arctic Village	77.07	23	P	P	17 28 27.4 +1.0
SPITS	Spitsbergen Ar comp=Z,682nm,18.1s,baz=39,slow=40	77.09	348	LR	LR	18 07 20.7
G25K	Bearman Lake baz=280	77.11	24	P	P	17 28 27.6 +0.9
F25K	Christie River baz=281,SNR=15	77.14	23	P	P	17 28 28.3 +1.4
IL31	comp=Z,21nm,1.6s	77.15	26	I	Amb	17 29 29.2
ILAR	Eielson Array comp=Z,2.6nm,0.9s,baz=278,slow=5.6,SNR=21	77.15	26	P	P	17 28 26.4 -0.6
ILAR	Eielson Array baz=280	77.15	26	P	P	17 28 25.5 -1.4
WAT6	Susitna Watana	77.16	28	P	P	17 28 27.3 +0.1
PWL	Port Wells	77.17	30	P	P	17 28 25.1 -2.0
PWL	Port Wells baz=280,SNR=7.8	77.17	30	P	P	17 28 27.7 +0.6
HDA	Harding Lake baz=280	77.19	26	I	Amb	17 28 27.4
HDA	Harding Lake comp=Z,15nm,1.2s	77.19	26	P	P	17 28 26.9 -0.2
DHY	Denali Highway baz=280	77.23	28	P	P	17 28 28.1 +0.5
M23K	Glacier View baz=280	77.30	29	P	P	17 28 28.4 +0.5
C27K	Jago River	77.43	21	P	P	17 28 29.0 +0.6
SCM	Sheep Creek Mo baz=280,SNR=5.1	77.52	29	P	P	17 28 30.0 +1.1
BMAR	Burnt Mountain PRP	77.57	23	P	P	17 28 28.7 -0.6
PRP	Porcupine Dome PRP	77.58	25	P	P	17 28 29.3 -0.2
PRP	Porcupine Dome comp=Z,15nm,1.2s	77.58	25	I	Amb	17 28 31.9
PRP	Porcupine Dome baz=281	77.58	25	P	P	17 28 30.6 +1.1
EIL	Elat comp=Z,173nm,20.1s,baz=58,slow=39	77.68	29	LR	LR	18 06 53.9
F26K	Sheenjek River baz=282	77.68	23	P	P	17 28 31.4 +1.5
FINES	FINES Array B comp=Z,4.7nm,0.6s,baz=63,slow=5.7,LR=24	77.72	331	P	P	17 28 30.0 -0.2
FINES	FINES Array B baz=280	77.72	331	P	P	18 05 40.7
FINES	FINES Array B comp=Z,5.45nm,18.0s,baz=60,slow=38	77.72	331	P	P	17 28 30.0 -0.2
FINES	FINES Array B comp=Z,4.7nm,0.6s	77.72	331	P	P	17 28 30.6 -0.1
K24K	Donnelly Dome	77.81	27	P	P	17 28 30.0 -0.1
J25K	Salcha River, baz=281	77.82	26	P	P	17 28 31.3 +0.5
VSU	Vasula	77.96	328	eP	P	17 28 31.6 +0.0
M24K	Tolsona, Glenn baz=281	77.96	29	P	P	17 28 31.6 +0.0
AKASG	Malin Array Be comp=Z,7.7nm,1.0s,baz=56,slow=4.4,SNR=35	77.98	319	P	P	17 28 31.4 -0.4
AKASG	Malin Array Be comp=Z,333nm,18.8s,baz=38,slow=37	77.98	319	LR	LR	18 04 54.1
AKASG	Malin Array Be comp=Z,7.7nm,1.0s	77.98	319	P	P	17 28 29.8 -2.0
MNK	Minsk comp=Z,2.0nm,1.0s	78.08	323	i	P	17 28 30.8 -1.5
MNK	Minsk comp=N,37nm,1.0s	78.08	323	i	P	17 28 30.8 -1.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 31 26.9 -1.7
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 33 16.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 38 20.9 -3.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 43 26.4 +1.0
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 46 50.2

MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 32 30.8 -1.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 31 26.9 -1.7
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 33 16.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 38 20.9 -3.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 43 26.4 +1.0
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 46 50.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 32 30.8 -1.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 31 26.9 -1.7
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 33 16.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 38 20.9 -3.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 43 26.4 +1.0
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 46 50.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 32 30.8 -1.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 31 26.9 -1.7
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 33 16.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 38 20.9 -3.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 43 26.4 +1.0
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 46 50.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 32 30.8 -1.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 31 26.9 -1.7
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 33 16.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 38 20.9 -3.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 43 26.4 +1.0
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 46 50.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 32 30.8 -1.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 31 26.9 -1.7
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 33 16.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 38 20.9 -3.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 43 26.4 +1.0
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 46 50.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 32 30.8 -1.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 31 26.9 -1.7
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 33 16.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 38 20.9 -3.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 43 26.4 +1.0
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 46 50.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 32 30.8 -1.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 31 26.9 -1.7
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 33 16.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 38 20.9 -3.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 43 26.4 +1.0
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 46 50.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 32 30.8 -1.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 31 26.9 -1.7
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 33 16.5
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 38 20.9 -3.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 43 26.4 +1.0
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	17 46 50.2
MNK	Minsk comp=Z,19nm,1.0s,baz=79	78.08	323	i	P	

CTAO	Charters Tower	17.41 234	P	P	17 28 31.4 +0.8
EIDS	Eidsvold	17.90 211	P	P	17 28 36.3 +0.3
EIDS	Eidsvold	17.90 211	P	P	17 28 38.6 +2.6
FUNA	Funafuti	17.93 86	P	Pn	17 28 35.5 -0.5
FUNA			Iamb	Iamb	17 28 37.0
COEN	Coen	17.94 256	P	P	17 28 36.5 0.0
MSVF	Nonsauv	18.10 117	LR	LR	17 35 52.6
MTSU	Mount Surprise	18.11 242	P	P	17 28 40.7 +2.4
RMQ	Roma	20.03 214	P	Pn	17 29 01.3 +0.4
ARMA	Armidale	22.04 202	P	P	17 29 21.1 0.0
AULRC	Lightning Ridg	22.80 211	P	P	17 29 31.2 +2.2
QIS	Mount Isa	23.15 241	P	P	17 29 32.9 +0.1
INKA	Innamika	25.96 225	P	LR	17 29 59.3 +0.6
AFI	Afiamau	26.79 101	LR	LR	17 39 08.9
CAN	Canberra	27.40 202	P	P	17 30 11.3 -0.4
CAN			Iamb	Iamb	17 30 44.5
WR0	Warramunga Arr	27.41 246	P	P	17 30 12.7 +0.8
WB0	Warramunga Arr	27.49 246	P	P	17 30 11.4 -1.2
WB0			Iamb	Iamb	17 30 26.1
WRAB	Tennant Creek	27.57 246	P	P	17 30 13.0 -0.3
WRA	Warramunga Arr	28.53 325	P	P	17 30 13.4 -0.1
STKA	Stevens Creek	28.19 217	P	P	17 30 19.4 +0.7
STKA			Iamb	Iamb	
STKA	Stevens Creek	28.19 217	P	P	17 30 18.9 +0.2
GUMO	Guam	28.53 325	LR	LR	17 41 17.6
GUMO			Iamb	Iamb	
AS31	Alice Springs	29.23 239	P	P	17 30 21.1 -0.7
ASAR	Alice Springs	29.23 239	P	P	17 30 27.3 -0.8
ASAR			Iamb	Iamb	
ASAU	Sauilaki	29.23 239	P	P	17 30 27.1 -0.9
TOO	Toolangi	30.74 205	P	P	17 30 41.8 +0.6
TOO			Iamb	Iamb	17 30 54.8
RTZ	Ruatahuna	31.74 156	P	P	17 30 50.8 +0.6
KNRA	Kunurra	31.97 257	P	P	17 30 52.4 +0.1
BKZ	Black Stump Fm	32.03 157	P	P	17 30 52.7 +0.1
BKZ			Iamb	Iamb	17 30 56.7
QRZ	Quartz Range	32.21 164	P	P	17 30 52.5 -1.7
BBOO	Bucklebooe	32.28 222	P	P	17 30 54.1 -0.8
BBOO			Iamb	Iamb	17 31 54.3
TCW	Toppy Channel	33.08 162	P	P	17 31 01.9 +0.2
THZ	Thyouse	33.19 164	P	P	17 31 02.7 -0.1
THZ			Iamb	Iamb	17 31 28.5
LTZ	Lake Taylor	33.97 165	P	P	17 31 10.0 +0.4
GWZ	Greta Valley S	34.34 164	P	P	17 31 14.0 +1.3
FOBT	Fort Mervin	35.94 231	P	P	17 31 37.1 +2.0
MBWA	Marble Bar	41.20 249	P	P	17 32 10.0 -1.0
MBWA			Iamb	Iamb	17 32 36.3
MBWA	Marble Bar	41.20 249	P	P	17 32 09.3 -1.6
MBWA			Iamb	Iamb	17 32 19.1 -1.3
TB02	Tolitoli	41.64 283	P	P	17 32 13.4 -1.3
MJAR	Matsushiro Arr	51.17 336	P	P	17 33 27.9 -1.2
MJAR			Iamb	Iamb	
MJB9	Matsu-Tunnel	51.17 336	P	P	17 33 30.4 +1.3
MJB9			Iamb	Iamb	17 35 17.9
TPUB	Ta-pu	51.68 310	P	P	17 33 34.0 +0.8
AIH	Ainahou	51.68 310	P	P	17 33 36.7 +1.8
JSD	Sado	52.45 337	P	P	17 33 38.8 +0.2
JSD			Iamb	Iamb	17 34 28.1
JKA	Kamikawa-asahi	56.53 344	P	P	17 34 09.4 +1.3
JKA			Iamb	Iamb	17 35 31.9
ASAJ	Asahikawa	56.53 344	P	P	17 34 08.3 -0.2
ASAJ			Iamb	Iamb	
KSRS	Korea Array	56.62 329	P	P	17 34 09.4 +0.6
KSRS			Iamb	Iamb	
USRK	Ussuriysk Ar.	60.17 336	P	P	17 34 32.4 -1.1
MDJ	Mudriyansg	61.49 335	P	P	17 34 40.3 +0.5
VNDA	Vanda	67.38 180	P	P	17 35 20.1 -0.4
VNDA			Iamb	Iamb	
VNDA	Vanda	67.38 180	P	P	17 35 20.4 +0.1
VNDA			Iamb	Iamb	
VNDA	Vanda	67.38 180	P	P	17 35 30.1 -0.8
VNDA			Iamb	Iamb	
VNDA	Vanda	67.38 180	P	P	17 35 34.5 -0.1
VNDA			Iamb	Iamb	
CMAR	Chiang Mai Arr	67.56 295	P	P	17 35 22.6 -0.1
CCD	Concordia, Ant	68.29 190	P	P	17 35 26.5 -0.4
CCD			Iamb	Iamb	
CCD	Concordia, Ant	68.29 190	P	P	17 35 35.7 -1.2
CCD			Iamb	Iamb	
ULN	Ulaanbaatar	74.92 326	P	P	17 36 07.1 +0.2
ULN			Iamb	Iamb	17 36 28.4
SOMM	Songino Array	75.27 325	P	P	17 36 08.1 -0.7
SOMM			Iamb	Iamb	
SOMM	Songino Array	75.27 325	P	P	17 36 08.7 -0.1
O18K	Koktuh Hills	77.96 21	P	P	17 36 21.6 -2.1
BILL	Biilbino	78.05 2	P	P	17 36 23.4 -0.5
BILL			Iamb	Iamb	17 36 38.4
HVZ3	Sparrevoehn	78.73 20	P	P	17 36 29.1 +1.3
SVW2			Iamb	Iamb	17 36 39.1
CNPM	China Poot	79.18 23	P	P	17 36 31.7 +1.4
BRLK	Bradley Lake	79.47 22	P	P	17 36 32.6 +0.7
M19K	Big River Lodg	79.71 20	P	P	17 36 32.7 +0.5
M19K			Iamb	Iamb	17 36 48.5
L19K	White Mountain	79.76 19	P	P	17 36 32.9 -0.6
L19K			Iamb	Iamb	17 36 55.8
QSPA	South Pole Qui	79.88 180	P	P	17 36 33.8 -0.5
QSPA			Iamb	Iamb	17 36 34.9
TTA	Tatalina	79.93 18	P	P	17 36 35.1 +0.7
TTA			Iamb	Iamb	17 39 10.1
K20K	Telida	80.85 19	P	P	17 36 40.8 +1.5
K20K			Iamb	Iamb	17 37 47.1
J20K	Nowinta River	81.41 18	P	P	17 36 43.8 +1.5
J20K			Iamb	Iamb	17 37 22.1
CAST	Castle Rocks	81.53 19	P	P	17 36 43.0 0.0
KTH	Kantishna Hill	82.01 20	P	P	17 36 45.5 0.0
KTH			Iamb	Iamb	17 37 21.6
MCK	McKinley	82.79 20	P	P	17 36 50.1 +0.5
MCK			Iamb	Iamb	17 37 03.9
IMAR	Indian Mountai	82.82 17	P	P	17 36 50.2 +0.6
MLY	Manley	83.07 19	P	P	17 36 51.5 +0.5
MLY			Iamb	Iamb	17 39 12.3
H23K	Yukon River	83.97 18	P	P	17 36 56.4 +0.8
H23K			Iamb	Iamb	17 37 24.8
ILAR	Eielson Array	84.15 20	P	P	17 36 56.2 -0.2
ILAR			Iamb	Iamb	
ILAR	Eielson Array	84.15 20	P	P	17 36 57.4 +0.9
J25K	Salcha River	84.56 20	P	P	17 36 58.8 +0.1
J25K			Iamb	Iamb	17 37 25.4
BCAR	Beaver Creek	84.95 23	P	P	17 37 01.1 +0.5
NVAR	Mina Array Bea	88.95 51	P	P	17 37 21.3 +0.4
MKAR	Makanchi Arra	89.74 318	P	P	17 37 23.9 -0.2
MKAR			Iamb	Iamb	
YKA	Yellowknife Ar	96.27 28	P	P	17 37 52.9 -0.9
YKA			Iamb	Iamb	

comp=Z:0.8nm,0.7s
 PDAR Pinedale Array 96.31 48 P P 17 37 54.5 -0.3
 comp=Z:0.4nm,0.6s,baz=251,slow=2.7,SNR=6.6
 comp=Z:0.4nm,0.6s

17 26:49.2±0.9, 10°16'S; 161°07'E, h0km, mb4.0/11, mbmp4.0/12, ML3.9/1, Error ellipse: s-maj=25.3km s-min=20.1km az=48.0
 NEIC 20 17:26:52.8±1.3, 10°25S:0°1'x161°0E±0.1, h18km, 5km, mb4.6/32, Error ellipse: s-maj=19.3km s-min=9.7km az=48.0
 ISC-EH 20 17:26:54.7, 10°24S; 160°09'E, h36km, 9km, Error ellipse: s-maj=7.6km s-min=5.1km az=101.0
 ISC 20 17:26:51.0±0.5, 10°20S:0°0'x160°99E±0.09, h10km, n53, c899/55, mb4.5/27, Bougainville-Solomon Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
HNR	Honiara	1.28	306	Op	17 27 15.6	0.0
HNR				Pn		
HNR	18um,0.3s,baz=140,slow=2.6,SNR=3.6			Sn		
HNR	Honiara	1.28	306	Pn	17 27 33.7	+1.4
HNR				Pn		
LIFNC	LIFOU	12.12	151	Pn	17 29 44.5	+0.7
DZM	Mont Dzumac	12.91	157	Pn	17 29 55.7	+0.9
DZM				Pn		
DZM	Mont Dzumac	12.91	157	Pn	17 29 53.2	-1.5
IMZM	Mare, Loyalty	13.10	150	Pn	17 29 59.8	+2.6
CTA	Charlottetown	17.28	234	P	17 30 57.3	+3.2
CTA				P		
CTAO	Charters Tower	17.28	234	P	17 30 53.7	-0.7
EIDS	Eidsvold	17.93	211	P	17 31 00.7	+1.2
ARMA	Armidale	21.79	202	P	17 31 43.3	-1.5
ARMA			Iamb	Iamb	17 32 16.4	
WR0	Warramunga Arr	27.29	246	P	17 32 33.1	+0.2
CAN	Canberra	27.29	246	P	17 32 33.9	-2.0
WB0	Warramunga Arr	27.36	247	P	17 32 36.5	-0.2
WB0			Iamb	Iamb	17 32 52.2	
WB2	Warramunga Arr	27.45	246	P	17 32 37.7	+0.3
WB2			Iamb	Iamb	17 33 14.3	
WRA	Warramunga Arr	27.46	246	P	17 32 38.4	+0.9
WRA			Iamb	Iamb		
WRA	Warramunga Arr	27.46	246	P	17 32 36.9	-0.7
ASAR	Alice Springs	29.23	239	P	17 32 51.7	-0.5
ASAR			Iamb	Iamb		
TOO	Toolangi	30.62	205	P	17 33 05.7	+0.2
TOO			Iamb	Iamb	17 33 26.0	
KNRA	Kunurra	31.86	257	P	17 33 15.5	-1.0
BBOO	Bucklebooe	32.16	222	P	17 33 17.4	-1.6
JKA	Kamikawa-asahi	56.58	344	P	17 36 37.2	-1.2
ASAJ	Asahikawa	56.58	344	P	17 36 33.9	0.0
ASAJ			Iamb	Iamb		
KSRS	Korea Array	56.63	329	P	17 36 34.1	-0.2
KSRS			Iamb	Iamb		
VNDA	Vanda	67.31	180	P	17 37 45.7	+0.1
VNDA			Iamb	Iamb		
VNDA	Vanda	67.31	180	P	17 37 46.0	+0.4
CMAR	Chiang Mai Arr	67.50	295	P	17 37 47.8	-0.1
CMAR			Iamb	Iamb		
SOMM	Songino Array	75.27	325	P	17 38 34.8	+0.4
SOMM			Iamb	Iamb		
SOMM	Songino Array	75.27	325	P	17 38 34.3	+0.2
KDAX	Kodiak Island	77.59	23	P	17 38 47.3	+0.2
O18K	Koktuh Hills	78.07	21	P	17 38 50.2	+0.4
BILL	Biilbino	78.13	2	P	17 38 59.5	0.0
BILL			Iamb	Iamb	17 39 03.4	
SVW2	Sparrevoehn	78.84	20	P	17 38 54.4	+0.4
SVW2			Iamb	Iamb	17 38 56.8	
BRLK	Bradley Lake	79.58	23	P	17 38 58.6	+0.5
QSPA	South Pole Qui	79.80	180	P	17 38 59.3	-0.2
QSPA			Iamb	Iamb	17 39 10.4	
M19K	Big River Lodg	79.82	20	P	17 38 59.5	+0.2
M19K			Iamb	Iamb	17 39 02.4	
TTA	Tatalina	80.04	18	P	17 39 01.1	+0.5
M20K	Styx River	80.22	20	P	17 39 02.7	+1.1
K20K	Telida	80.96	19	P	17 39 06.2	+0.7
K20K			Iamb	Iamb	17 39 35.9	
PPLA	Purkeypile	81.25	20	P	17 39 07.9	+0.8
PPLA			Iamb	Iamb	17 39 46.9	
J20K	Nowinta River	81.52	18	P	17 39 09.4	+1.0
J20K			Iamb	Iamb	17 39 12.3	
CAST	Castle Rocks	81.64	19	P	17 39 09.2	+0.1
CAST			Iamb	Iamb	17 39 11.9	
MCK	McKinley	82.90	20	P	17 39 15.4	-0.3
IMAR	Indian Mountai	82.93	17	P	17 39 15.7	-0.1
MLY	Manley	83.17	19	P	17 39 17.0	-0.1
MLY			Iamb	Iamb	17 39 18.8	
MAW	Mawson	83.73	20	P	17 39 20.2	+0.3
H23K	Yukon River	84.08	18	P	17 39 22.0	+0.3
H23K			Iamb	Iamb	17 39 22.4	
ILAR	Eielson Array	84.25	20	P	17 39 21.4	-1.1
ILAR			Iamb	Iamb		
ILAR	Eielson Array	84.25	20	P	17 39 22.8	+0.3
DOT	Dot Lake	84.55	22	P	17 39 23.9	-0.3
DOT			Iamb	Iamb	17 39 26.1	
SCRK	Sand Creek	84.78	21	P	17 39 25.6	+0.2
SCRK			Iamb	Iamb	17 39 45.6	
NVAR	Mina Array Bea	89.08	51	P	17 39 47.4	+0.3
NVAR			Iamb	Iamb		
MKAR	Makanchi Arra	89.73	318	P	17 39 50.6	+1.0

20d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like COHC Cochancay, MORR Playas El Morr, FLOC Florencia, etc.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMSC Kings Mountain, 435B Jarrell, CPUP comp=Z,572nm,20.1s, etc.

1560

Table with columns for station name, frequency, power, and other technical details. Includes stations like ANMO comp=Z,19nm,0.9s, ANMO Albuquerque, TRQA Tomatist, etc.

1561

Table with columns for station ID, name, frequency, and other details. Includes stations like DECC Green Verdugo, GWY Greenwater Val, EDW2 Edward Air For, etc.

2016 DEC

Table with columns for station ID, name, frequency, and other details. Includes stations like N31M Braeburn, HYT Haines Junction, RES Resolute Bay, etc.

20d 17h

Table with columns for station ID, name, frequency, and other details. Includes stations like F26K Sheenjek River, BRSE Bradley Lake S, POKR Peko Plat Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, MXZ Mataoka Point, RTZ Ratauhua, etc.

IGQ 20 17:55:12.0 7.1 N, 14.4 W, h5km
IDC 20 17:55:14.5 1.0, 1.28N, 79.51W, h0km, mb3.8/7,
mbtmp3.9/8, ML3.8/1, MS3.2/3, Error ellipse: s-maj=44.8km

NEIC 20 17:55:18.8 2.4 7.9 N, 10.04 W, h25km, 10km,
mb4.1/3, Error ellipse: s-maj=9.2km, s-min=7.5km, az=64.0
ISC 20 17:55:15.1 0.8, 0.88N, 0.03, 79.82W, 0.03, h12km, 6km,
n117, r1559/109, mb3.9/7, ID, Near coast of Ecuador

Main station list for 1563, including stations like AMA1 Acelerografo, AMS2 Ecuador-Puerto, AEG2 Punta Galera, etc.

Table with columns: LPAZ La Paz, LPBZ IPOC Station P, CMIG Matias Romero, etc.

IDC 20 18:00:07.0 12.0, 25.02S, 70.15E, h0km, mb3.7/5,
mbtmp3.7/5, Error ellipse: s-maj=420.3km
s-min=35.8km, az=51.0, Mid-Indian Ridge

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, MKAR Makarandi Array, etc.

ATH 20 18:06:54.7, 40.64N, 21.54E, h18km, 2km, ML2.2/10, Error
SKO 20 18:06:54.8, 40.63N, 21.52E, h15km
THE 20 18:06:55.4, 40.64N, 21.52E, h13km, 1km, ML2.3/6, Error
ellipse: s-maj=1.4km, s-min=0.5km, az=276.0

TIR 20 18:06:56.1, 40.62N, 21.38E, h0km, 2km, M2.6, M2.4
ISC 20 18:06:55.2, 0.8, 40.63N, 0.02, 21.51E, 0.02, h11km, 6km,
n41, r102/63, Greece

Main station list for 2016 DEC, including stations like Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Florina, FNA Florina, KZN Kozani, etc.

Table with columns: STIP Stip, HORT Horlatis, SRN Sarane, etc.

IDC 20 18:07:17.4 1.2, 5.50S, 153.52E, h0km, mb3.7/7,
mbtmp3.8/8, ML1.9/1, MS3.2/5, Error ellipse: s-maj=27.9km
s-min=20.5km, az=71.0
ISC 20 18:07:23.4 1.1, 5.48S, 0.09, 153.52E, 0.1, h43km, n14,
r150/12, mb3.6/6, MS3.1/3, New Ireland region

Main station list for 20d 18h, including stations like Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, CTX Charters Tower, etc.

IDC 20 18:29:16.8 1.6, 41.54S, 173.99E, h0km, mb3.5/3,
mbtmp3.5/5, ML3.3/2, Error ellipse: s-maj=41.7km
s-min=26.1km, az=138.0
WEL 20 18:29:19.0 0.2, 42.2 S, 2.17 E, h11km, 2km, M4.1/41,
ML4.3/24, MLv4.1/41, Error ellipse: s-maj=0.0km
s-min=0.0km, az=133.3, confirmed

NOU 20 18:29:20.3, 4.1, 85S, 174.32E, h15km, MLv4.3/14, Cook
Strait, New Zealand
ISC 20 18:29:18.7 0.7, 41.73S, 0.03, 174.19E, 0.02, h18km, n124,
r149/125, mb3.3/3, Cook Strait

Main station list for 20d 18h, including stations like Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMWZ Cape Campbell, BSWZ Blackbirch Sta, TUWZ Tuamarina, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WNVZ, MHZC, VRZ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BKZ, BKX, OKX, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KSP, KSP, KSP, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like RPZ, RPZ, RPZ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WRA, ASAR, SONM, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PSZ, PSZ, PSZ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WEL, DUWZ, NNZ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KDAK, P16K, SP1A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like HNR, HNR, HNR, etc.

ISC 20 19:16:30.8:1.1, 10.0S:0.2:161.0E:0.1, h35km, n11, s102.9, mb3.8/7, Bougainville-Solomon Islands region

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

ISC 20 19:37:04.6:2.8, 9.97S:161.05E, h0km, mb3.5/3, s-maj=31.4km, Error ellipse: s-maj=44.8km, az=61.0, Bougainville-Solomon Islands region

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

ISC 20 19:40:23.0:1.9, 6.80S:128.91E, h0km, mb3.7/2, mbtmp3.6/4, ML3.6/2, Error ellipse: s-maj=109.7km s-min=28.7km, Banda Sea

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

NEIC 20 19:45:28.9:2.3, 44.54N:0.07:146.5E:0.1, h163km, 10km, mb4.1/10, Error ellipse: s-maj=14.5km s-min=9.3km

JMA 20 19:45:29.9:0.3, 44.4N:1.1:14.6E:1, h163km, 2km, MV3.5/34, NEAR KUNASHIRI ISLAND

ISC 20 19:45:30.0:2.3, 44.58N:146.39E, h172km, 29km, mb3.2/6, mbtmp3.7/10, MS4.1/1, Error ellipse: s-maj=29.3km s-min=17.0km, az=122.0

SKHL 20 19:45:31.1:0.8, 44.70N:146.40E, h138km, 4km, mb4.6/3, msha4.8/2

ISC 20 19:45:28.6:0.8, 44.40N:0.06:146.50E:0.06, h169km, 6km, n58, r156/68, mb4.0/12, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Yuzh-Kuril'sk, Nemuro-2, Nemuro-1, Kuril'sk, etc.

YSS JTM Tenmabayashi 5.40 230 Pn Pn 19 47 05.7 -3.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Marumori, Sado, Matsu-Tunnel, Matushiro, Matushiro Arr, etc.

ISC 20 19:56:31.6:1.7, 44.39N:105.63W, h0km, mbtmp3.2/3, ML2.5/2, Error ellipse: s-maj=47.4km s-min=9.7km az=143.0

NEIC 20 19:56:31.3:1.6, 44.36N:105.45W:0.07, h0km, 2km, ML3.1/48, Error ellipse: s-maj=8.8km s-min=6.4km

ISC 20 19:56:31.0:1.1, 44.36N:105.52W:0.06, h0km, n33, s101.3/3, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Black Hills, Casper, LASA Array, Rawlins, etc.

baz=163,slow=12,SNR=3.5 comp=E,0.4nm,0.8s

BJI 20 20:07:51.7:0.0, 9.89S:160.92E, h12km, mb4.9/71, mB5.5/52, Ms5.2/69, Ms7.4/9/65 NEIC 20 20:07:52.5:1.4, 10.16S:0.07:160.78E:0.07, h10km, 3km, mB5.5/297, Ms:20.3/120, Mb5.6/41, Error ellipse: s-maj=11.1km s-min=7.5km, az=224.0, Moment Tensor Scale: 10^17Nm, Mr:1.53, Mw=0.45; Mw=1.0; Mw=0.60; Mw=0.86; Mw=1.33; Fault plane solution: M2:17000:1017 NP1:152.56000, 665.25000, 9.96.80000. NP2:316.36000, 824.62000, 1.75.20000. Principal axes: T:2.1037, Plg68.0000, Azm75.0000; N:0.1263, Plg6.0000; Azm330.0000; P: -2.2300, Plg21.0000; Azm238.0000; MOS 20 20:07:52.5:1.0, 10.11S:160.74E, h22km, mb5.6/46, MS5.0/16 Error ellipse: s-maj=7.6km s-min=6.0km az=92.5

ISC-EH 20 20:07:53.9:1.0, 15S:160.86E, h19km, 1km, Error ellipse: s-maj=2.7km s-min=2.2km, az=137.0

IDD 20 20:07:55.5:3.4, 10.14S:160.82E, h27km, 22km, mb4.8/35, mbtmp5.0/39, ML2.1/1, MS4.9/51, Error ellipse: s-maj=11.5km s-min=11.2km, az=91.0

GCMT 20 20:07:56.5:0.1, 10.24S:0.01:160.77E:0.01, h20km, MW5.5/151, Moment Tensor Solution, s125.c207, s151.c263; Duration: 1s4 Moment tensor: Scale 10^17 Nm; Mr:1.97:0.3; Mw=0.25:0.2; Mw=1.72:0.2; Mw=0.35:0.5; Mw=0.68:0.2; Mw=1.40:0.5; Best double couple: M2:45100:1017 NP1:163.0000, 863.0000, 74.0000; NP2:334.0000, 827.0000, 1.82.0000; Principal axes: T:2.4460, Plg72.0000; Azm82.0000; N:0.0050, Plg3.0000; Azm341.0000; P:-2.4550, Plg18.0000; Azm250.0000; nsta:1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 20 20:07:59.7:10.19S:160.91E, h60km, ML5.4/108, Solomon Islands

ISC 20 20:07:54.0:0.3, 10.19S:160.83E:0.03, h21km, 3km, h21km, pP, n867, r156/795, mb5.5/258, MS5.0/142, 19C-8D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Honiara, Kurouchat Arr, Inuk, YK, ABKAR, FINES, WR0, WB2, WRA, DZM, etc.

INCN	comp=Z,107nm,1.4s	57.23 328	P	P	20 17 39.1	-0.8
INCN	Inchon	57.23 328	P	P	20 17 42.5	+2.6
INCN	Inchon	57.23 328	P	P	20 17 39.1	-0.8
QIZ	comp=Z,122nm,1.3s	58.04 300	P	P	20 17 45.8	-0.2
QIZ	Qiongzong		S	S	20 25 48.3	+2.3
QIZ	comp=Z,500nm,15.9s		LR	LR		
QIZ	comp=Z,680nm,22.3s		LR	LR		
NJ2	comp=Z,1.1um,25.5s	58.08 318	P	P	20 17 46.9	+0.9
NJ2	Nanjing		S	S	20 17 51.9	-0.5
NJ2			S	S	20 25 46.6	+0.5
NJ2			S	S	20 25 57.6	+0.2
NJ2	comp=Z,12nm,0.5s		pmx	pmx		
NJ2	comp=Z,300nm,3.5s		LR	LR		
NJ2	comp=Z,890nm,19.9s		LR	LR		
NJ2	comp=Z,590nm,16.6s		LR	LR		
HJU	comp=Z,1um,18.9s	58.13 328	P	P	20 17 46.2	0.0
HJU	Haeju		S	S	20 17 58.6	+3.7
HJU			S	S	20 25 47.5	+1.1
HJU	comp=Z,650nm,2.9s		AMS	AMS		
HJU	comp=N,181nm,1.8s		AMS	AMS		
HJU	comp=E,232nm,2.3s		AMS	AMS		
HJU	comp=Z,330nm,3.2s		AMS	AMS		
TAOE	Nuku Hiva Isla	58.15 94	eP	P	20 17 48.9	+1.9
TAOE	comp=Z,235nm,37.3s		eS	S	20 25 48.4	+0.5
TAOE	comp=Z,838nm,27.5s		eSS	SS	20 29 42.0	+2.3
TAOE	comp=Z,502nm,27.4s		eLR	LR	20 34 50.9	
HHU	comp=Z,2um,23.6s	58.64 330	P	P	20 17 50.2	+0.5
YSS	Hanlung	59.13 346	IAMS_20	IAMS_20	20 41 35.1	
YSS	Yuzh-Sakhalins	59.13 346	P	P	20 17 54.7	+1.7
YSS	comp=Z,2um,20.0s		eP	P	20 17 52.5	-0.5
YSS	Yuzh-Sakhalins	59.13 346	eS	S	20 25 54.7	-4.4
YSS			e		20 32 21.0	
YSS	comp=Z,20nm,1.0s		pmx	pmx		
TEY	Ternei	59.16 340	eP	P	20 17 54.2	+1.0
TEY			e		20 25 59.1	
CNSH	ChangSha	59.99 311	P	P	20 17 59.8	+0.5
CNSH	comp=Z,380nm,5.2s		LR	LR		
CNSH	comp=Z,770nm,15.1s		LR	LR		
CNSH	comp=Z,600nm,20.9s		LR	LR		
CNSH	comp=Z,770nm,19.4s		LR	LR		
USRK	Ussuriysk Ar.	60.12 336	P	P	20 17 59.9	0.0
USRK	comp=Z,39nm,1.0s,baz=130,slow=6.0,SNR=46		LR	LR	20 41 36.9	
USRK	comp=Z,870nm,21.9s,baz=138,slow=34		LR	LR		
USRK	comp=Z,39nm,1.0s		LR	LR		
USA0B	Ussuriysk Arra	60.12 336	P	P	20 18 00.4	+0.5
USA0B	Ussuriysk Arra	60.12 336	P	P	20 18 00.4	+0.5
WHN	Wuhan	60.27 314	P	P	20 17 59.6	-1.5
WHN			S	S	20 26 12.4	-2.0
WHN	comp=Z,3um,16.1s		LR	LR		
WHN	comp=Z,2um,14.6s		LR	LR		
WHN	comp=Z,4um,15.9s		LR	LR		
SUJ	Sinuiju	60.30 328	P	P	20 18 02.9	+1.7
SUJ			S	S	20 18 17.1	+7.2
SUJ			S	S	20 26 15.7	+1.2
SUJ	comp=Z,347nm,2.1s		AMS	AMS		
SUJ	comp=N,470nm,5.5s		AMS	AMS		
SUJ	comp=E,263nm,3.1s		AMS	AMS		
SUJ	comp=Z,544nm,6.4s		AMS	AMS		
BKNI	Bangkinang	60.38 276	P	P	20 18 04.4	+2.1
UBPT	Khong Chiam	60.40 294	P	P	20 18 00.9	-1.4
UBPT	comp=Z,46nm,1.5s		IAMB	IAMB	20 18 09.5	
UBPT	Khong Chiam	60.40 294	P	P	20 18 02.3	0.0
SKR	Severo-Kuril's	60.75 357	eP	P	20 17 52.8	-1.1
SKR			eP	P	20 26 21.6	-1.3
SKR	comp=Z,103nm,1.4s		pmx	pmx		
SKR	comp=Z,100nm,4.3s		MLR	MLR		
SKR	comp=Z,400nm,17.0s		MLR	MLR		
DL2	Dalian	60.97 326	P	P	20 18 06.0	+0.2
DL2			S	S	20 26 22.4	-0.7
DL2	comp=Z,28nm,1.3s		pmx	pmx		
DL2	comp=Z,220nm,7.0s		LR	LR		
DL2	comp=Z,1um,18.4s		LR	LR		
DL2	comp=Z,460nm,21.6s		LR	LR		
DL2	comp=Z,980nm,22.0s		LR	LR		
UGL	Uglegorsk	61.28 346	eP	P	20 18 08.7	+1.1
UGL			e		20 18 14.0	
UGL			e		20 18 19.5	
IPM	Ipoh	61.32 281	P	P	20 18 07.9	-0.8
IPM	comp=Z,41nm,1.0s		IAMB	IAMB	20 18 14.7	
IPM	comp=Z,41nm,1.0s		P	P	20 18 09.9	+1.2
MDJ	Mudanjiang	61.44 335	P	P	20 18 08.1	-0.8
MDJ	Mudanjiang	61.44 335	P	P	20 18 09.3	+0.5
MDJ			S	S	20 26 31.3	+2.5
MDJ	comp=Z,45nm,1.2s		pmx	pmx		
MDJ	comp=Z,560nm,4.2s		LR	LR		
MDJ	comp=Z,790nm,18.4s		LR	LR		
MDJ	comp=Z,1um,19.5s		LR	LR		
MDJ	comp=Z,1um,22.6s		LR	LR		
TIA	Mudanjiang	61.44 335	P	P	20 18 09.9	+1.1
TIA	Taian	61.82 321	eP	P	20 18 10.6	-1.1
TIA			S	S	20 26 32.3	-1.8
TIA	comp=Z,12nm,1.9s		LR	LR		
TIA	comp=Z,620nm,20.1s		LR	LR		
TIA	comp=Z,700nm,18.6s		LR	LR		
TIA	comp=Z,980nm,28.4s		LR	LR		
CN2	Changchun	62.62 332	P	P	20 18 16.8	0.0
CN2			eP	P	20 18 23.8	+0.6
CN2			eS	S	20 26 44.5	+0.7
CN2	comp=Z,20nm,0.8s		pmx	pmx		
CN2	comp=Z,500nm,6.0s		LR	LR		
CN2	comp=Z,700nm,19.0s		LR	LR		
CN2	comp=Z,700nm,19.0s		LR	LR		
CN2	comp=Z,700nm,18.0s		LR	LR		

TYV	Tymovskoe	62.82 347	eP	P	20 18 19.4	+1.5
TYV			eS	S	20 26 51.7	+5.7
TYV	comp=Z,500nm,3.3s		pmx	pmx		
TYV	comp=Z,30nm,1.8s		smx	smx		
TYV	comp=N,300nm,5.8s		smx	smx		
TYV	comp=E,300nm,5.8s		smx	smx		
RPSI	Rantau Prapat	62.94 278	P	P	20 18 17.9	-1.7
RPSI			IAMB	IAMB	20 18 25.1	
PSI	comp=Z,37nm,1.1s	62.97 278	P	P	20 18 19.5	-0.4
PSI	Prapat	62.97 278	P	P	20 18 17.9	-2.0
PSI			pmx	pmx		
PET	comp=Z,37nm,1.1s	62.98 359	IAMS_20	IAMS_20	20 40 34.3	
PET	Petrovavlovsk		eP	P	20 18 19.5	+0.5
PET	comp=Z,1um,21.0s		eS	S	20 26 52.9	+4.9
PET	Petrovavlovsk	62.98 359	eP	P	20 18 19.5	+0.5
PET			pmx	pmx		
PET	comp=Z,41nm,1.4s		pmx	pmx		
PET	comp=Z,600nm,11.9s		pmx	pmx		
PET	comp=Z,400nm,12.8s		MLR	MLR		
PET	comp=Z,900nm,14.0s		MLR	MLR		
PETK	comp=Z,1um,16.0s	63.10 358	P	P	20 18 20.2	+0.4
PETK	Petrovavlovsk-	63.10 358	P	P	20 18 20.2	+0.4
PETK	comp=Z,13nm,0.9s,baz=184,slow=10,SNR=7.7		LR	LR	20 41 58.8	
PETK	comp=Z,866nm,21.9s,baz=167,slow=32		LR	LR		
PETK	comp=Z,13nm,0.9s		LR	LR		
BNX	BinXian	63.26 334	P	P	20 18 21.4	+0.4
BNX			eP	P	20 18 24.8	-2.6
BNX			eS	S	20 18 26.9	-3.0
BNX			S	S	20 26 54.3	+2.5
BNX	comp=Z,42nm,1.3s		pmx	pmx		
BNX	comp=Z,370nm,2.9s		LR	LR		
BNX	comp=Z,1um,23.3s		LR	LR		
BNX	comp=Z,1um,23.0s		LR	LR		
BNX	comp=Z,1um,19.8s		LR	LR		
NONG	Nongkai	63.48 296	P	P	20 18 23.6	+0.6
ENH	Enshi	63.65 311	IAMB	IAMB	20 18 22.9	-1.1
ENH			IAMB	IAMB	20 18 30.2	
ENH	Enshi	63.65 311	P	P	20 18 23.8	-0.2
ENH	Shemya Is, Ala	63.65 9	LR	LR	20 44 32.2	
ENH	Gunungsitoli	63.69 9	LR	LR	20 44 32.2	
ENH	comp=Z,403nm,18.4s,baz=261,slow=34		LR	LR		
NAYO	Nakonayok	63.83 291	P	P	20 18 27.7	+2.3
LYN	Luoyang	63.85 317	P	P	20 18 27.8	+2.6
LYN			S	S	20 26 59.3	-0.3
LYN	comp=Z,10.0nm,0.7s		pmx	pmx		
LYN	comp=Z,230nm,6.5s		LR	LR		
LYN	comp=Z,640nm,16.1s		LR	LR		
LYN	comp=Z,290nm,15.1s		LR	LR		
LYN	comp=Z,600nm,20.6s		LR	LR		
GSI	Gunungsitoli	63.97 276	P	P	20 18 25.5	-0.9
GSI	Gunungsitoli	63.97 276	P	P	20 18 27.1	+0.7
GSI	Gunungyung	63.97 306	P	P	20 18 29.8	+3.5
GSI	Guiyang		S	S	20 27 04.8	+3.1
GSI	comp=Z,410nm,5.0s		pmx	pmx		
GSI	comp=Z,450nm,20.7s		LR	LR		
GSI	comp=Z,700nm,19.2s		LR	LR		
GSI	comp=Z,830nm,19.8s		LR	LR		
HNS	HongShan	64.08 320	P	P	20 18 27.3	+0.7
HNS			S	S	20 27 00.9	-1.4
HNS	comp=Z,25nm,1.5s		pmx	pmx		
HNS	comp=Z,500nm,17.0s		LR	LR		
HNS	comp=Z,690nm,18.1s		LR	LR		
HNS	comp=Z,700nm,18.4s		LR	LR		
GRNR	Gornyy	64.31 343	P	P	20 18 28.6	+0.7
GRNR			eS	S	20 27 11.0	+6.3
GRNR	comp=E,4.0nm,1.0s		pmx	pmx		
GRNR	comp=N,10.0nm,1.1s		pmx	pmx		
GRNR	comp=Z,20nm,1.1s		smx	smx		
KLR	Kul'dur	64.45 339	eP	P	20 18 28.6	-0.2
KLR			pmx	pmx		
KLR	comp=Z,54nm,1.3s		pmx	pmx		
KIWB	Kanaga Island	64.64 15	P	P	20 18 30.7	+0.8
ADK	Adak	64.79 15	P	P	20 18 31.4	+0.5
ADK	Adak	64.79 15	P	P	20 18 31.4	+0.5
ADK			pmx	pmx		
ADK	comp=Z,332nm,1.8s		LR	LR		
BJT	Baijiatuu	64.84 323	P	P	20 18 31.2	-0.3
BJT			IAMB	IAMB	20 18 37.5	
BJT	comp=Z,41nm,1.6s	64.84 323	IAMS_20	IAMS_20	20 42 17.0	
BJT	Baijiatuu		P	P	20 18 31.0	-0.5
BJT	Baijiatuu	64.84 323	P	P	20 18 31.2	-0.3
BJT			pmx	pmx		
BJT	comp=Z,41nm,1.6s		MLR	MLR		
BJT	comp=Z,1um,22.0s		MLR	MLR		
TIY	Taiyuan	65.71 319	P	P	20 18 38.3	+1.0
TIY			S	S	20 27 26.5	+3.9
TIY	comp=Z,400nm,6.9s		LR	LR		
TIY	comp=Z,450nm,17.2s		LR	LR		
TIY	comp=Z,630nm,20.6s		LR	LR		
TIY	comp=Z,690nm,19.9s		LR	LR		
XAN	Xi'an	66.02 314	P	P	20 18 38.8	-0.6
XAN			eP	P	20 18 42.1	-3.8
XAN			S	S	20 27 26.4	0.0
XAN	comp=Z,12nm,1.2s		pmx	pmx		
XAN	comp=Z,380nm,6.8s		LR	LR		
XAN	comp=Z,890nm,19.0s		LR	LR		
XAN	comp=Z,610nm,21.0s		LR	LR		
PHRA	Phrae	66.22 295	P	P	20 18 40.6	-0.3
KMI	Kunming	66.58 303	P	P	20 18 43.3	-0.1
KMI			eP	P	20 18 48.5	-1.3
KMI			PcP	PcP	20 19 14.1	+1.4
KMI			S	S	20 27 34.8	+0.9
KMI			SKS	SKS	20 28 38.4	-1.1
KMI			SS	SS	20 3	

KCPM	Cahto Peak	85.56	49	P	Iamb	P	20 20 30.1	-1.0
KCPM	Chanalar	85.57	17	P	P	P	20 20 31.7	+1.2
E23K	Haines Junctio	85.65	26	P	P	P	20 20 30.6	-0.5
HYT	Haines Junctio	85.65	26	P	P	P	20 20 32.0	+1.0
F24K	Squaw Lake	85.72	18	P	P	P	20 20 32.5	+1.4
HYBB	Hyderabad (bro	85.76	288	eP	ePP	PP	20 20 31.6	-0.8
HYBB				eSK	eSS	SKS	20 23 50.9	-1.0
HYBB				eS	S	S	20 31 14.1	-0.1
G25K	Bearman Lake	85.79	19	P	P	P	20 20 32.6	+1.2
D23K	Nanushuk River	85.89	16	P	P	P	20 20 33.3	+1.4
E24K	Your Creek	85.90	17	P	P	P	20 20 33.2	+1.1
V35K	Ketchikan	85.95	32	P	P	P	20 20 32.6	+0.2
TOLK	Toolik Lake Re	85.97	16	Iamb	Iamb	P	20 20 41.2	
TOLK	Toolik Lake Re	85.97	16	P	P	P	20 20 33.1	+0.7
WRAK	Wrangell Islan	86.03	31	P	P	P	20 20 33.5	+0.7
M29M	Somme Creek	86.07	24	P	P	P	20 20 33.7	+0.6
A21K	Barrow	86.14	13	Iamb	Iamb	P	20 20 43.3	
A21K	Barrow	86.14	13	P	P	P	20 20 33.0	0.0
N30M	Aishikil Lake	86.14	25	P	P	P	20 20 33.6	+0.2
O30N	Mendenhall	86.23	26	P	P	P	20 20 33.8	0.0
EGAK	Eagle	86.29	21	P	Iamb	Iamb	20 20 33.6	-0.4
EGAK	Eagle	86.29	21	P	P	P	20 20 34.7	+0.8
SAO	San Andreas Ge	86.36	52	IAMS_20	IAMS_20		20 59 20.6	
F25K	Christian River	86.44	18	P	P	P	20 20 35.5	+0.8
C23K	Itkillik River	86.49	15	P	P	P	20 20 36.2	+1.4
PCHI	Peechi	86.50	281	eP	eP	P	20 20 37.5	+1.4
L29M	L29M	86.54	23	P	P	P	20 20 36.5	+1.2
DAWY	Dawson	86.55	22	Iamb	Iamb	P	20 20 46.6	
DAWY	Dawson	86.55	22	P	P	P	20 20 36.0	+0.7
I27K	Kandik River	86.58	21	P	P	P	20 20 36.3	+0.8
N31M	Braeburn, Yuko	86.71	25	Iamb	Iamb	P	20 20 52.7	
N31M	Braeburn, Yuko	86.71	25	P	P	P	20 20 37.1	+1.0
WHY	Whitehorse	86.71	26	P	P	P	20 20 37.6	+1.4
P32M	Atlin	86.74	28	P	P	P	20 20 37.7	+1.4
E25K	Arctic Village	86.78	18	P	P	P	20 20 37.7	+1.3
YBH	Yreka Blue Hor	86.79	47	P	P	P	20 20 37.4	+0.4
YBH	Yreka Blue Hor	86.79	47	P	P	P	20 20 37.4	+0.4
YBH	Yreka Blue Hor	86.79	47	P	P	P	20 20 37.5	+0.5
YBH	Yreka Blue Hor	86.79	47	P	P	P	20 20 37.5	+0.5
M30M	Minto, Yukon	86.81	24	Iamb	Iamb	P	20 20 47.5	
M30M	Minto, Yukon	86.81	24	P	P	P	20 20 37.6	+1.0
C24K	Franklin Bluff	86.92	16	P	P	P	20 20 38.3	+1.5
F26K	Sheenjek River	86.96	18	P	P	P	20 20 38.3	+1.1
H27K	Steamboat Moun	86.97	20	P	P	P	20 20 38.9	+1.6
K29M	Barlow Dome	87.15	23	P	P	P	20 20 39.4	+1.1
PKM	Mpherson Peak	87.17	54	P	P	P	20 20 40.1	+0.9
DGZ	Jazzart, Alta	87.19	321	iP	pmax	pmax	20 20 39.2	+0.3
DGZ	Jazzart, Alta	87.19	321	P	P	P	20 20 40.2	+1.8
G27K	Klyonid Camp	87.22	20	P	P	P	20 20 39.9	+1.3
S34M	Telegraph Cree	87.25	30	P	P	P	20 20 40.6	+1.8
D25K	Kavik River	87.29	16	P	P	P	20 20 40.0	+1.2
AFDM	Forest Hills D	87.30	50	Iamb	Iamb	P	20 20 49.6	
BCW	Bitter Crk Wrg	87.50	54	Iamb	Iamb	P	20 20 51.4	
CMB	Columbia Colle	87.51	51	IAMS_20	IAMS_20		21 00 00.9	
M31M	Drury Creek, Y	87.62	25	P	P	P	20 20 39.1	-1.4
M31M	Drury Creek, Y	87.62	25	P	P	P	20 20 40.8	+0.3
I29M	Ogilvie Camp,	87.62	21	P	Iamb	Iamb	20 20 51.1	
I29M	Ogilvie Camp,	87.62	21	P	P	P	20 20 41.1	+0.6
CIS	Catalina Islan	87.93	56	P	P	P	20 20 43.0	+0.3
DLBC	Dease Lake	88.00	29	LR	LR		21 00 19.3	
DLBC	Dease Lake	88.00	29	P	P	P	20 20 42.9	+0.5
BEKR	Beckworth	88.00	49	Iamb	Iamb	P	20 20 53.1	
E27K	Coleen River	88.03	18	P	P	P	20 20 43.9	+1.5
C26K	Camden Bay	88.06	16	P	P	P	20 20 44.3	+1.9
MPK	Martis Peak	88.10	50	Iamb	Iamb	P	20 20 54.1	
C27K	Jago River	88.23	17	P	P	P	20 20 44.1	+0.9
K05A	Summer Lake	88.36	46	Iamb	Iamb	P	20 20 55.4	
PNTR	Pine Nut	88.37	50	P	P	P	20 20 45.4	+0.5
ISA	Isabella, Lake	88.42	54	Iamb	Iamb	P	20 20 44.6	-0.4
ISA	Isabella, Lake	88.42	54	P	P	P	20 20 45.5	+0.6
ISA	Isabella, Lake	88.42	54	P	pmax	pmax	20 20 44.6	-0.4
EDW2	Edwards Air Fo	88.62	54	P	P	P	20 20 46.6	+0.6
EPYK	Eagle Plains	88.70	21	P	P	P	20 20 45.7	+0.2
EPYK	Eagle Plains	88.70	21	P	P	P	20 20 47.0	+1.4
BFSC	Mount Baldy Ra	88.74	55	P	P	P	20 20 46.7	+0.1
ELS	Elsinore Mount	88.79	56	Iamb	Iamb	P	20 20 49.0	
CWC	Cottonwood Cre	88.91	53	P	P	P	20 20 48.1	+0.7
TIN	Tinemaha, Big	88.93	52	P	P	P	20 20 48.9	+1.4
MURC	Murrieta	88.97	56	P	P	P	20 20 48.1	+0.5
LRMC	Laurel Mtn Rad	89.00	54	P	P	P	20 20 48.5	+0.7
LHV	Little Huntoon	89.00	51	Iamb	Iamb	P	20 20 57.0	
G30M	taOh Zraii Nji	89.17	21	P	P	P	20 20 48.4	+1.1
BAR	Barrett	89.20	57	P	P	P	20 20 48.4	-0.3
BAR	Barrett	89.20	57	Iamb	Iamb	P	20 21 05.5	

NVAR	Mina Array Bea	89.20	51	P	P	P	20 20 48.9	+0.1
NVAR	Mina Array Bea	89.20	51	P	P	P	20 56 50.2	
DSP	Deep Springs	89.21	52	Iamb	Iamb	P	20 20 59.1	
MPMC	Manual Prospect	89.28	53	P	P	P	20 20 50.2	+1.0
NV11	Mina Array Sit	89.31	51	Iamb	Iamb	P	20 20 51.6	
MVNP	Monument Peak	89.45	57	P	P	P	20 20 50.8	+0.7
KONZ	Kaiser Valley	89.50	50	Iamb	Iamb	P	20 20 59.2	
PFO	Pinyon Flats O	89.57	56	P	P	P	20 20 52.0	+1.5
PFO	Pinyon Flats O	89.57	56	P	P	P	20 53 08.3	
PFO	Pinyon Flats O	89.57	56	P	P	P	20 20 50.4	-0.2
PFO	Pinyon Flats O	89.57	56	P	P	P	20 20 51.6	+1.1
TRAC	Grapevine Rang	89.59	52	Iamb	Iamb	P	20 21 14.0	
GRAC	Grapevine Rang	89.59	52	P	P	P	20 20 51.6	+1.1
MK31	Makanchi Array	89.61	318	iP	P	P	20 20 50.7	+0.4
MK31	Makanchi Array	89.61	318	P	P	P	20 20 50.0	-0.3
MKAR	Makanchi Array	89.61	318	P	P	P	20 20 48.9	-1.4
MKAR	Makanchi Array	89.61	318	P	P	P	20 20 50.0	-0.3
MKAR	Makanchi Array	89.61	318	P	P	P	20 21 00.9	
IKP	In-Ko-Pah, Jac	89.65	57	P	P	P	20 20 51.9	+1.0
GSC	Goldstone, Bar	89.66	54	P	P	P	20 20 50.2	-0.7
GSC	Goldstone, Bar	89.66	54	P	P	P	20 20 51.5	+0.7
GSC	Goldstone, Bar	89.66	54	P	pmax	pmax	20 20 50.2	-0.7
GSC	Goldstone, Bar	89.66	54	P	P	P	20 20 50.8	-0.6
GMN	Gold Mountain	89.74	52	P	P	P	20 20 50.4	-0.9
MAKZ	Makanchi	89.83	318	P	Iamb	Iamb	20 21 11.4	
MAKZ	Makanchi	89.83	318	P	pmax	pmax	20 20 50.4	-0.9
MAKZ	Makanchi	89.83	318	P	pmax	pmax	20 20 50.4	-0.9
FURC	Furnace Creek,	89.87	53	P	P	P	20 20 52.6	+1.0
HEC	Hector,Ludlow	89.93	55	P	P	P	20 20 52.8	+0.7
GWY	Greenwater Val	89.96	53	Iamb	Iamb	P	20 21 11.1	
SW5K	Sam W. Stewart	89.97	57	P	P	P	20 20 52.9	+0.7
BELC	Belle Mtn, Jos	90.03	56	P	P	P	20 20 53.5	+0.8
ZALV	Zalesovo Beam	90.06	325	P	P	P	20 20 53.1	+1.0
ZALV	Zalesovo Beam	90.06	325	P	LR	LR	21 00 27.7	
ZALV	Zalesovo Beam	90.06	325	iP	P	P	20 20 53.0	+0.9
ZALV	Zalesovo Beam	90.06	325	P	pmax	pmax	20 20 53.0	+0.9
Q09A	Queen of the	90.14	51	Iamb	Iamb	P	20 21 05.2	
SHOC	Shoshone, Teco	90.21	54	P	P	P	20 20 53.9	+0.6
J08A	Circle Bar Ran	90.23	46	Iamb	Iamb	P	20 21 05.3	
F31M	Tsigtchik	90.24	21	P	P	P	20 20 53.9	+1.3
G08A	Pilot Rock	90.36	44	P	Iamb	Iamb	20 20 51.7	-2.2
G08A	Pilot Rock	90.36	44	P	P	P	20 21 04.1	
TUQ	Turquoise Moun	90.39	54	P	P	P	20 20 55.2	+0.9
BC3	Big Chuckawall	90.40	56	P	P	P	20 20 55.3	+0.9
TPNV	Topopah Spring	90.45	53	Iamb	Iamb	P	20 21 04.8	
TPNV	Topopah Spring	90.45	53	P	P	P	20 20 55.0	+0.3
TPNV	Topopah Spring	90.45	53	P	P	P	20 20 55.4	+0.7
BMN	Battle Mountai	90.47	49	Iamb	Iamb	P	20 21 05.1	
E08A	Edwards Air	90.58	43	Iamb	Iamb	P	20 21 05.0	
INK	Inuvik	90.70	20	P	P	P	20 20 54.8	+0.1
INK	Inuvik	90.70	20	P	P	P	20 20 56.9	+2.1
INK	Inuvik	90.70	20	P	P	P	20 20 57.4	+1.5
IRM	Iron Mountain	90.76	56	P	P	P	20 21 16.3	
GLA	Glamis	90.79	57	P	Iamb	Iamb	20 20 57.4	+1.3
GLA	Glamis	90.79	57	P	P	P	20 20 57.4	+1.3
B08A	Battle Mountai	90.86	41	P	Iamb	Iamb	20 20 55.0	-1.1
B08A	Battle Mountai	90.86	41	P	Iamb	Iamb	20 21 05.4	
S11A	Rachel	90.99						

20d 20h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNSK, MNK, BOS, KMB, etc.

CGG 20:08:06.6: 1.1, 13.16N:89.80W, h132km, 61km, MD4.6
SNET 20:08:06.0: 1.3, 12.86N:89.93W, h15km, ML5.3
ISC-EH 20:08:08.8, 12.92N:89.84W, h43km, 1km, Error ellipse:
s-maj=3.7km s-min=1.9km az=53.0
GCMT 20:08:08.4: 0.3, 12.65N:0.02:90.22W:0.02, h29km, 1km,
MW5:2:108, Moment Tensor Solution...
M0:0.54: 0.4: M0:0.38: 0.1: M0:0.44: 0.4: Best double
couple: M0:0.8100:0.1017: NP1:129.0000: 871.00000:
.99.00000: NP2:283.0000: 821.00000: 8.65.00000:
Principal axes: T: 0.7840, Plg63.0000: Azm53.0000: N
0.2140, Plg9.0000: Azm306.0000: P: -0.9980,
Plg26.0000: Azm12.0000: nst1 refers to body waves,
cutoff=40s. nst2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
IDC 20:08:08.8: 2.1, 13.20N:89.49W, h39km, 17km, mb4.2/28,
mtmpd4.4/30, ML4.1/2, MS4.7/29. Error ellipse:
s-maj=20.7km s-min=9.2km az=57.0
INET 20:08:08.6: 1.2, 12.91N:89.80W, h15km, MW4.8
NEIC 20:08:09.1: 1.5, 12.96N:0.06:89.80W:0.07, h46km, 7km,
mb4.9/262, Mds.3(SNET), Error ellipse: s-maj=10.5km
s-min=7.7km az=56.0
UCR 20:09:06.0: 2.2, 10.68N:86.09W, h0km, 99km, MW4.1,
mb4.9(NEIC)
ISC 20:08:08.7: 0.4, 12.97N:0.04:89.83W:0.04, h43km, 3km,
n636, s13/34/579, mb4.9/134, MS4.8/34, 4C-1D, Off coast
of central America
Code Station Name Az AzZ Phase ID Time Res
JAYA Jayaque - f1nc 0.78 28 eP ISC 20 28 03.4 -0.1

2016 DEC

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAYA, CEVE, SBLS, SNET, etc.

1570

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

20d 20h

Table with columns: J08A, Circle Bar Ran, 39.06 326, Iamb, Iamb, 20 15 43.0, etc. Lists various astronomical objects and their properties.

2015 DEC

Table with columns: INK, Inuvik, 62.03 343, Iamb, Iamb, 20 18 34.9, etc. Lists astronomical objects with specific identifiers and coordinates.

1572

Table with columns: GEYT, Alibeck, 121.12 29, PKP, PKPdf, 20 26 57.1 -0.2, etc. Lists astronomical objects with detailed parameters and codes.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EL Monte Cty P, Barrett, Tecate, Belle Mtn. Jos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Sheep Range, Wildcat Mounta, Topopah Spring, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAUC Maruska, OJC Opjcow, LANS Liptovska Anna, etc.

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

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

20d 22h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ETMB, ITTB, SGCB, NPGB, NFBG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LPAZ, LPZ, SALV, PRPB, SNDB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include YKA, INK, ASAR, WRA, etc.

JMA 2022:05:28.8,0.4,32°N,4°13'38"E, h404km, MV2.9/20, FAR S OFF TOKAI DISTRICT

ISC 2022:05:43.4,1.1,32.021N,136.66E, h373km,5.7km, mb2.8/3, mbmp3.0/4, Error ellipse: s-maj=300.6km

ISC 2022:05:29.1,3.1,32.32N,103.138E,0.2, h400km, n14, a152/12, mb2.9/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TTO1, JIE, JTNC, etc.

ISC 2022:10:04.9,1.5,53.72S,140.140E, h0km, mb3.7/4, mbmp3.8/4, Error ellipse: s-maj=156.1km s-min=23.5km

NEIC 2022:10:06.4,0.9,53.7S,0.1,140.0E,0.2, h10km,2km, mb4.2/10, Error ellipse: s-maj=24.4km s-min=21.7km

ISC 2022:10:06.4,0.9,53.7S,0.1,140.7E,0.2, h10km, n18, a076/15, mb4.0/9, West of Macquarie Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include STKA, STKA, FORT, etc.

ISC 2022:06:57.8,4.4,12.71N,87.27W, h71km,25km, mb3.8/7, mbmp4.1/8, MS3.5/6, Error ellipse: s-maj=47.6km

NET 2022:06:57.0,1.0,12.51N,87.59W, h71km, ML4.6

NET 2022:06:58.8,1.1,12.51N,0.06:87.55W,0.06, h71km,10km, mb4.3/33, Md4.6(SNET), Error ellipse: s-maj=10.3km

UCR 2022:06:58.2,3.0,12.37N,87.56W, h122km,252km, mb4.3(NEIC)

INET 2022:06:59.2,0.7,12.50N,87.58W, h50km,6km, MW4.6

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

2016 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CNGN, CNGN, MOMM, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MESS, HORNC, COLC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include EPN, JTS, COPE, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMIG, SOR, GTBY, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PULU, SLOH, PCH, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ATAH, FPAL, TXAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TXAR, TXAR, TX32, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SWET, ABTX, MIAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include UCCT, GLMI, SADO, etc.

1576

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BBT5, BBT5, BBT5, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KHZ, KHZ, BSWS, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CNNG Cerro Negro, LCND La Caada, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MTDJ Mount Denham, ROSC El Rosal, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ULM Lac du Bonnet, ULM Lac du Bonnet, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GSPA South Pole Qui, JHJ2 Mitsune, etc.

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

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

1579

BILL	ePPP	PPP	23 38 39.9					
BILL	eS	S	23 43 54.1	+4.2				
BILL	comp=Z,41nm,1.0s	MLR	MLR					
ZAK	comp=Z,157nm,18.0s	eP	P	23 33 58.9	-0.5			
ZAK	Zakamensk	pmx	pmx					
Q20K	comp=Z,11nm,1.4s	P	P	23 33 59.8	+0.4			
Q20K	Shuyak Island	baz=27						
P19K	Oil Pt	P	P	23 34 02.1	+0.4			
P19K	baz=226							
ANM	Nome	P	P	23 34 02.6	+0.6			
ANM	baz=214							
SVW2	Sparrevohn	P	P	23 34 03.2	+0.5			
SVW2		Iamb	Iamb	23 34 04.9				
ILSW	comp=Z,29nm,1.0s	P	P	23 34 02.8	-0.4			
ILSW	Iliamna Southw	Iamb	Iamb	23 34 09.4				
TNA	comp=Z,28nm,1.1s	P	P	23 34 03.7	+0.4			
TNA	Tin City							
TNA	baz=211							
N19K	Bonanza Creek	P	P	23 34 03.8	0.0			
N19K	baz=225							
Q20K	Slope Mountain	P	P	23 34 04.9	+0.3			
HOM	Homert	P	P	23 34 05.4	+0.5			
HOM	baz=228							
BRLL	Bradley Lake	P	P	23 34 06.9	0.0			
BRLL		Iamb	Iamb	23 34 08.1				
M19K	comp=Z,26nm,1.0s	P	P	23 34 08.8	+0.7			
M19K	Big River Log	Iamb	Iamb	23 34 10.3				
M19K	comp=Z,27nm,0.9s	P	P	23 34 09.2	+1.2			
M19K	Big River Log							
M19K	baz=225							
L19K	White Mountain	P	P	23 34 06.8	-1.5			
L19K		Iamb	Iamb	23 34 10.3				
L19K	comp=Z,15nm,0.9s	P	P	23 34 09.1	+0.8			
L19K	White Mountain							
L19K	baz=224,SNR=6.6							
TTA	Tatalina	P	P	23 34 09.8	+0.5			
TTA		P	P	23 34 09.7	+0.5			
TTA	baz=223,SNR=5.4							
TTA	Tatalina	P	P	23 34 09.8	+0.5			
TTA		pmx	pmx					
N20K	comp=Z,10.0nm,1.0s	P	P	23 34 08.9	-0.7			
N20K	Mount Spurr							
N20K	baz=227							
M20K	Styx River	P	P	23 34 10.9	+0.5			
M20K	baz=225							
L20K	Farewell, AK	P	P	23 34 11.6	+0.4			
L20K	baz=225							
SUA	Susitna One	P	P	23 34 12.0	-1.3			
SUA		Iamb	Iamb	23 34 14.2				
SUA	comp=Z,22nm,1.0s	P	P	23 34 13.1	-0.2			
SUA	Susitna One							
SUA	baz=228							
RC01	Rabbit Creek A	P	P	23 34 13.4	-0.5			
RC01	baz=229							
K20K	Telida	P	P	23 34 14.8	+0.6			
K20K	baz=225							
GCSA	Galena City Sc	P	P	23 34 15.6	+0.8			
GCSA	baz=224							
Q23K	Midillon Isla	P	P	23 34 14.2	-1.1			
Q23K	baz=233							
PPLA	Purkeypile	P	P	23 34 15.7	-0.2			
PPLA	baz=227							
PWL	Port Wells	P	P	23 34 15.9	0.0			
PWL	baz=231							
PMR	Palmer	P	P	23 34 16.5	-0.3			
PMR	baz=230							
J20K	Novinta River	P	P	23 34 17.3	+0.3			
J20K	baz=225							
CAST	Castle Rocks	P	P	23 34 16.5	-1.3			
CAST		Iamb	Iamb	23 34 18.5				
CAST	comp=Z,21nm,1.0s	P	P	23 34 17.1	-0.6			
CAST	Castle Rocks							
CAST	baz=227,SNR=8.5							
SML	Sawmill	P	P	23 34 19.7	+0.6			
SML	baz=230							
CHUM	Lake Minchum	P	P	23 34 19.0	0.0			
CHUM	baz=227,SNR=5.5							
KTH	Kantishna Hill	P	P	23 34 18.6	-1.7			
KTH		Iamb	Iamb	23 34 21.1				
TRF	comp=Z,18nm,1.0s	P	P	23 34 20.2	-1.0			
TRF	Thorofore Moun							
TRF	Thorofore Moun							
TRF	baz=228							
SCM	Sheep Creek Mo	P	P	23 34 21.5	+0.4			
SCM	baz=231							
WAT1	Susitna Watana	P	P	23 34 22.5	+0.4			
WAT1	baz=230							
BPWA	Bear Paw Mtn.	P	P	23 34 21.0	-1.1			
BPWA		Iamb	Iamb	23 34 23.2				
BPWA	comp=Z,42nm,1.8s	P	P	23 34 21.6	-0.5			
BPWA	Bear Paw Mtn.							
BPWA	baz=228							
KLU	Klutina	P	P	23 34 22.9	0.0			
KLU	baz=233							
WAT6	Susitna Watana	P	P	23 34 22.6	-0.3			
WAT6	baz=231							
BMRM	Bremner River	P	P	23 34 24.2	+0.3			
BMRM	baz=234							
M24K	Tolsona, Glenn	P	P	23 34 24.8	+0.6			
M24K	baz=232							
I21K	Tanana	P	P	23 34 24.9	+0.7			
I21K	baz=227							
MCK	McKinley	P	P	23 34 23.1	-1.3			
MCK		P	P	23 34 24.1	-0.2			
MCK	McKinley							
MCK	baz=230,SNR=16							
MCK		pmx	pmx	23 34 23.1	-1.3			
IMAR	comp=Z,42nm,1.0s	P	P	23 34 23.8	-0.6			
IMAR	Indian Mountain							
H21K	Melozitina Rive	P	P	23 34 24.7	+0.1			
H21K	baz=226							
BWN	Browne	P	P	23 34 23.3	-1.6			
BWN	baz=226							
DHY	Denali Highway	P	P	23 34 24.9	-0.3			
DHY	baz=231							
N25K	Chitina, Valde	P	P	23 34 24.9	-0.9			
N25K	baz=234							
MLY	Manley	P	P	23 34 25.5	-0.3			
MLY		Iamb	Iamb	23 34 26.9				
MLY	comp=Z,13nm,1.0s	P	P	23 34 26.1	+0.3			
MLY	Manley							
MLY	baz=228							
G21K	Allakaket	P	P	23 34 27.2	+0.5			
G21K	baz=225							
NEA2	Nenana	P	P	23 34 25.4	-1.6			
NEA2		Iamb	Iamb	23 34 32.7				
NEA2	comp=Z,24nm,1.2s	P	P	23 34 26.9	-0.1			
NEA2	Nenana							
NEA2	baz=229,SNR=8.1							
HARP	HAARP	P	P	23 34 27.0	0.0			
HARP	baz=233							
H22K	Ishlitaitea Cre	P	P	23 34 28.2	+0.5			
H22K	baz=227							
PAX	Paxson	P	P	23 34 28.6	+0.3			
PAX	baz=233							
WRH	Wood River Hill	P	P	23 34 27.1	-1.2			
WRH		Iamb	Iamb	23 34 34.0				
I23K	Minto, Yukon-K	P	P	23 34 28.0	-0.3			
I23K	baz=229							
F21K	Alatina River	P	P	23 34 29.9	+0.6			
F21K	baz=225							
MDM	Murphy Dome	P	P	23 34 28.6	-1.1			
MDM		Iamb	Iamb	23 34 30.0				
TCOL	comp=Z,16nm,1.0s	P	P	23 34 28.9	-1.0			
TCOL	CIGO, UAF Yank							
TCOL	CIGO, UAF Yank							
TCOL	baz=231							
COLA	College	P	P	23 34 28.9	-1.0			
COLA		P	P	23 34 28.9	-1.0			
COLA		pmx	pmx					
HDA	comp=Z,33nm,1.2s	P	P	23 34 28.8	-1.2			
HDA	Harding Lake							
HDA		Iamb	Iamb	23 34 30.9				
HDA	comp=Z,18nm,1.0s	P	P	23 34 30.1	+0.1			
HDA	Harding Lake							
HDA	baz=232,SNR=8.1							
K24K	Honally Dome	P	P	23 34 29.6	-0.6			
K24K	baz=233							
H23K	Yukon River	P	P	23 34 30.8	+0.4			
H23K	baz=229							

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P1NM	Pinnacle	84.16	26	P	P	23 34 30.1	-0.4
P1NM	baz=238						
G22K	Bettles	84.30	17	P	P	23 34 31.9	+0.9
G22K	baz=227						
M26K	Nabesna, AK	84.32	23	P	P	23 34 32.1	+0.8
M26K	baz=235						
IL31	IL31	84.33	20	P	P	23 34 29.3	-1.9
IL31		Iamb	Iamb	23 34 32.3			
ILAR	comp=Z,31nm,1.8s	84.33	20	P	P	23 34 30.1	-1.2
ILAR	Eielson Array						
ILAR	comp=Z,5.0nm,1.0s,baz=251,slow=4.7,SNR=19						
ILAR	Eielson Array	84.33	20	P	P	23 34 29.8	-1.5
ILAR	Independent Ri	84.41	21	P	P	23 34 32.5	+0.7
ILAR	baz=234						

Table with columns for station code, name, frequency, and other technical details. Includes stations like AQU, TRTR, FIAM, CESX, ASSB, SNTG, FAGN, VCEL, EL6, CING, FOSV, T0110, MURB, PTQR, SSFR, ARVD, ATTE, MTCE.

Table with columns for station code, name, frequency, and other technical details. Includes stations like CERT, MGAB, FRON, ATVO, CORI, ATMI, PIEI, VVLD, MPAG, SACS, APEC, LPEL, BADI, PARC, MCIV.

Table with columns for station code, name, frequency, and other technical details. Includes stations like TOLF, LAV9, SF04, GIUL, TRIV, VAGA, PIGN, MELA, APRC, SCRT, SKDS, A050A, CEY, BOJS, AMUR, PGF, MGRS, STON, CRE, A051A, BLY, TREB, OBKA, OBKA, HCY, BRY, ABTA, KBA, HAPS, SBF, DRME, RUDO, FETA, BBLS, WTTA, SQT, WATA, MOTA, BIOA, LMR, RETA, MBDF, DIVS, MOA, LPL, CONA, SMRF, ORIF, KHC, HINF, CDF, HAU, CEY, KOZT, YURE, AKO, HCB, TAHT, KMRS, KARAI, KAHM, SAIM, SAIM, RHAN, RHAN, RHAN, CMRD, DED, GULE, YAHY, YAHY, GZT, GZT, GZT, MERS, SARI, NIDE, AKCA, AKCA, AKCA, ELBS, ELBS, ELBS, NIG, KERG, KIZK, KIZK, BNN, ATAB, ATAB.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUNE Kayseri, DARE Darende-Malaty, AKCD Akcadag, etc.

NEIC 20 23:56:46.0.2.0, 10.8S:0.1x161.7E:0.1, h52km, 8km, mb4.3/10, Error ellipse: s-maj=24.2km s-min=12.5km

IDC 20 23:56:46.2.2.6, 10.78S:161.81E, h61km, 22km, mb3.6/10, mbmp4.0/12, ML4.3/2, MS3.6/4, Error ellipse: s-maj=23.8km s-min=15.1km az=72.0

ISC 20 23:56:43.8.0.6, 10.78S:0.08x161.89E:0.10, h36km, n32, e1539/32, mb3.9/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR Homiara, KOUNC KOUNC, etc.

SOME 21 00:12:31.0, 40.40N:74.10E, h0km, KRNET 21 00:12:31.6.0.1, 40.27N:74.14E, h15km, mb3.0

ISC 21 00:12:29.4.0.9, 40.30N:0.04:74.1E:0.02, h10km, n60, e1569/90, 18C-18D, Kyrgyzstan-Xinjiang border region

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML Almayashu, UCH Uchtor, DRK Karamyk, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SATY Saty, ZHN Zhishike, UZB Uzynbulak, etc.

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
ATH	comp=N,3822um,0.4s					
LOUT	Loutiraki	1.12 197	P	Pg	00 13 41.3 -1.3	
LOUT	comp=N,3um,0.4s				00 13 57.4 +0.2	
LOUT	Loutiraki	1.12 197	P	Pg	00 13 41.5 -1.1	
ATHU	Athens Unvers	1.14 164	P	Pg	00 13 42.1 -0.9	
ATHU	Athens Unvers	1.14 164	P	Pg	00 13 42.2 -0.8	
ATHU	comp=N,5154um,0.8s				00 13 56.5 -1.2	
ATHU	comp=N,5154um,0.8s				00 13 57.1	
THAL	Thalero	1.17 209	P	Pg	00 13 42.4 -1.2	
THAL	comp=N,3um,0.3s				00 13 59.4 +1.4	
THAL	Thalero	1.17 209	P	Pg	00 13 42.8 -0.8	
THAL	comp=N,5154um,0.8s				00 14 02.3	
THAL	comp=N,5154um,0.8s				00 14 03.9	
THL	Klokotos Trika	1.18 296	P	Pn	00 13 43.2 +0.1	
THL	comp=N,732nm,0.4s				00 14 00.5 +1.6	
THL	Klokotos Trika	1.18 296	P	Pg	00 13 42.4 -1.2	
SERG	Sergoula	1.22 238	P	Pn	00 13 44.4 +0.6	
SERG	comp=N,4315um,0.4s				00 14 08.0	
SERG	comp=N,4315um,0.4s				00 14 08.0	
ANX	Ano Chora	1.23 248	P	Pg	00 13 44.0 -0.8	
ANX	comp=N,1219um,0.4s				00 14 01.7 +1.2	
ANX	Ano Chora	1.23 248	P	Pb	00 13 44.3 +0.1	
ANX	comp=N,2190um,0.4s				00 14 04.0	
ANX	comp=N,1852um,0.5s				00 14 04.0	
EVR	Evrytania	1.24 264	P	Pn	00 13 44.3 +0.3	
EVR	Evrytania	1.24 264	P	Pn	00 13 44.5 +0.5	
LIT	Litokhoron	1.25 327	P	Pn	00 13 44.2 +0.1	
LIT	Litokhoron	1.25 327	P	Pn	00 14 02.9 +2.2	
LIT	Voula,Athens	1.25 165	P	Pn	00 13 43.8 -0.3	
VLY	Voula,Athens	1.25 165	P	Pn	00 14 01.5 +1.2	
VLY	comp=N,21um,0.6s				00 13 43.6 -0.5	
VLY	comp=N,3763um,0.5s				00 14 03.5	
VLY	comp=N,3226um,0.4s				00 14 05.5	
ALIK	Aliki, Aigiaili	1.28 232	P	Pn	00 13 44.9 +0.5	
ALIK	Efpalio	1.32 242	S	Pn	00 14 02.7 +1.3	
EFF	Efpalio	1.32 242	S	Pn	00 13 44.9 -0.1	
EFF	comp=N,642nm,0.5s				00 14 03.9 +1.5	
EFF	Efpalio	1.32 242	P	Pn	00 13 45.4 +0.4	
EFF	comp=N,1216um,0.7s				00 14 08.0	
EFF	comp=N,1262um,0.4s				00 14 08.3	
OUR	Ouranopolis	1.35 20	P	Pn	00 13 45.5 0.0	
OUR	Ouranopolis	1.35 20	P	Pn	00 13 45.5 0.0	
LAKA	Lakka	1.37 234	P	Pn	00 13 45.6 -0.2	
LAKA	comp=N,1um,0.5s				00 14 04.8 +1.0	
LAKA	Lakka	1.37 234	P	Pn	00 13 45.9 +0.1	
LAKA	comp=N,2344um,0.6s				00 14 09.5	
KLV	Kalavryta, Ach	1.40 224	P	Pn	00 13 46.0 -0.3	
KLV	comp=N,592nm,0.6s				00 14 05.8 +1.2	
KLV	Kalavryta, Ach	1.40 224	P	Pn	00 13 45.7 -0.5	
UPR	University Cam	1.47 239	P	Pn	00 13 47.6 +0.5	
HORT	Horiatias	1.55 352	P	Pn	00 14 07.9 -0.6	
HORT	Horiatias	1.55 352	P	Pn	00 13 47.7 -0.6	
HORT	Horiatias	1.55 352	P	Pn	00 13 48.3 0.0	
HORT	comp=N,1593um,0.4s				00 14 09.5	
HORT	comp=N,1716um,0.5s				00 14 09.5	
THE	Thessaloniki	1.60 349	P	Pn	00 13 48.7 -0.2	
THE	comp=N,230nm,0.7s				00 14 11.8 -0.8	
THE	Thessaloniki	1.60 349	P	Pn	00 13 48.7 -0.2	
KRND	KRANIDI	1.69 186	P	Pn	00 13 50.1 0.0	
KRND	KRANIDI	1.69 186	P	Pn	00 13 49.9 -0.2	
DRO	Drossia	1.72 230	P	Pn	00 13 50.4 -0.1	
DRO	comp=N,780nm,0.6s				00 14 13.8 +1.5	
DRO	Drossia	1.72 230	P	Pn	00 13 50.4 -0.1	
SOH	Sokhos	1.76 359	P	Pn	00 13 51.6 +0.5	
RLS	Riolos of Patr	1.81 237	P	Pn	00 13 52.7 +1.0	
KOKK	Kokkinochori,	1.82 15	P	Pn	00 13 51.7 -0.2	
SIGR	SIGRI	1.93 85	P	Pn	00 13 53.6 +0.2	
SIGR	SIGRI	1.93 85	P	Pn	00 13 57.2 +0.3	
GRG	Griva	2.04 339	P	Pn	00 13 54.7 -0.3	
GRG	Griva	2.04 339	P	Pn	00 13 55.0 +0.1	
SRS	Serrai	2.06 4	P	Pn	00 13 55.4 +0.1	
KAVA	Kavala	2.12 24	P	Pn	00 13 55.6 -0.5	
KNT	Kendrikion	2.13 360	P	Pn	00 13 57.3 +0.3	
KNT	Kendrikion	2.13 360	P	Pn	00 13 56.1 -0.1	
GNPR	Gulpinar-Canak	2.17 79	P	Pn	00 13 56.2 -0.5	
CHOS	Chios island	2.19 107	P	Pn	00 13 57.3 +0.1	
CHOS	Chios island	2.19 107	P	Pn	00 13 57.1 -0.1	
ITH	Ithomi	2.20 212	P	Pn	00 13 58.2 +1.0	
BOZC	Bozocada	2.21 68	P	Pn	00 13 57.8 +0.1	
GADA	Gykgeada	2.25 59	P	Pn	00 13 57.7 -0.1	
PRK	Prakasveki	2.25 84	P	Pn	00 13 58.1 +0.2	
FNA	Florina	2.31 319	P	Pn	00 13 58.8 0.0	
VAY	Valandovo	2.34 345	P	Pn	00 14 00.5 +1.4	
IGT	Igoumenitsa	2.41 282	P	Pn	00 14 01.3 +1.2	
MMB	Musumiste	2.54 6	P	Pn	00 14 03.6 -0.1	
APE	Apeiranthos	2.61 39	P	Pn	00 14 07.8 +0.1	
STIP	Stip	2.78 341	P	Pn	00 14 06.0 +0.7	
KKB	Krupnik	2.81 355	P	Pn	00 14 05.9 +0.3	
QHR	Qhrhid	2.85 317	P	Pn	00 14 08.9 -2.8	
KDZ	Kurdzhali	3.02 30	P	Pn	00 14 07.6 -0.8	
PLNA	Plana	3.41 1	P	Pn	00 14 15.2 +1.3	
VTS	Vitosha	3.56 358	P	Pn	00 14 17.5 +1.6	
IDI	Anoyia	3.95 162	P	Pn	00 14 22.7 +1.4	
PLVB	Pleven	4.42 12	P	Pn	00 14 28.6 +1.0	
PDG	Podgorica	4.60 318	P	Pn	00 14 31.8 +1.7	
DJES	Djerdap	5.64 354	P	Pn	00 14 43.5 -0.9	
MDVR	Moldovita	5.85 348	P	Pn	00 14 46.6 -0.8	
MTUR	Matau	6.29 11	P	Pn	00 14 54.1 +0.7	
ARR	Arges	6.37 8	P	Pn	00 14 54.5 0.0	
VOIR	Vozneseniya	6.49 10	P	Pn	00 14 57.6 +1.4	
BZS	Buzias	6.68 349	P	Pn	00 15 01.8 +0.3	
MLR	Muntele Rosu	6.70 16	P	Pn	00 15 00.6 +1.5	
NEHR	Neohiu	6.72 18	P	Pn	00 15 02.1 +2.9	
SURR	Surduc	6.75 352	P	Pn	00 14 59.3 -0.4	
DEV	Deva	6.83 357	P	Pn	00 15 00.2 -0.5	
DOPCA	Dopca	7.06 11	P	Pn	00 15 03.1 +0.6	
COVR	Covalnicea-Covas	7.05 16	P	Pn	00 15 06.9 +2.5	
PLOR	Plostina	7.20 19	P	Pn	00 15 06.8 +0.9	
VRI	Vrincioaia	7.23 19	P	Pn	00 15 08.4 +2.1	
OZZR	Ozira	7.25 13	P	Pn	00 15 07.8 +1.2	
SIRIA	Siria	7.31 351	P	Pn	00 15 07.9 +0.5	
MARR	Martisel-Cluj	7.61 359	P	Pn	00 15 04.0 +1.0	
MORH	Miry, Hungar	7.96 336	P	Pn	00 15 17.0 -0.8	

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
SAUI	Saumlaki	2.74 100	P	Op	00 16 43.7 +1.0	
SOEI	Soe	4.82 242	P	Pn	00 17 10.5 +0.6	
BATI	Baumata	5.56 241	P	Pn	00 17 20.2 +0.6	
BATI	84nm,0.4s,baz=85,slow=6.5,SNR=8.4				00 18 21.4 -1.3	
FAKI	Fak Fak	5.83 39	P	Pn	00 17 22.7 -0.4	
FAKI	Fak Fak	5.83 39	P	Pn	00 17 22.9 -0.2	
MTN	Manton Dam	5.88 155	P	Pn	00 17 24.3 +0.5	
MTN	Manton Dam	5.88 155	P	Pn	00 17 24.5 +0.7	
KDU	Kakadu	6.43 144	P	Pn	00 17 32.2 +1.2	
KNRA	Kununurra	8.13 179	P	Pn	00 17 53.0 -0.8	
WRA	Warramunga Arr	13.44 156	P	Pn	00 19 01.2 -0.3	
WRB	Tennant Creek	13.57 156	P	Pn	00 19 03.4 -1.8	
WRA	Warramunga Arr	13.58 156	P	Pn	00 19 03.6 -1.6	
WRA	1.5nm,0.3s,baz=330,slow=14,SNR=43				00 19 02.6 -2.7	
WB2	Warramunga Arr	13.58 156	P	Pn	00 19 03.2 -2.1	
WR0	Warramunga Arr	13.67 156	P	Pn	00 19 03.8 -2.7	
COEN	Coen	15.70 115	I	Iamb	00 19 32.5 -0.2	
COEN	comp=N,2.16nm,1.3s				00 20 09.4	
MBWA	Marble Bar	16.05 211	I	Iamb	00 19 35.5 -0.6	
MBWA	comp=N,2.22nm,1.3s				00 19 36.8	
PSA00	Pilbara Seismi	16.34 210	P	Pn	00 19 39.8 +0.1	
AS31	Alice Springs	16.87 163	P	Pn	00 19 47.3 +1.3	
ASAR	Alice Springs	16.87 163	P	Pn	00 19 47.5 +1.5	
ASAR	comp=N,2.7nm,0.3s,baz=334,slow=9.9,SNR=34				00 19 47.5 +1.5	
ASAR	comp=N,2.1nm,0.6s				00 19 44.0 -1.6	
AS01	Alice Springs	16.87 163	P	Pn	00 19 47.4 +1.2	
OOD	Oodnadatta	21.18 162	P	P	00 20 35.6 +2.3	
INKA	Innamiki	23.20 152	P	P	00 20 54.1 +1.9	
MULG	Mulgathing	23.25 158	P	P	00 20 54.3 +1.7	
MORW	Morawa	24.50 207	I	Iamb	00 21 05.1 -1.6	
MORW	comp=N,2.14nm,1.3s				00 21 32.2	
LCRR	Leigh Creek	24.56 160	P	P	00 21 06.0 +1.5	
BB00	Bucklebo	25.13 161	P	P	00 21 19.4 +0.7	
STKA	Stevens Creek	27.12 155	P	P	00 21 28.9 +1.3	
STKA	comp=N,2.15nm,0.5s,baz=334,slow=13,SNR=7.0				00 21 27.7 +0.1	
HTT	Heathcote	27.12 155	P	P	00 21 33.2 +2.0	
SONM	Songino Array	58.48 343	P	P	00 25 39.7 +0.8	
SONM	comp=N,2.0nm,0.5s,baz=159,slow=4.5,SNR=2.7				00 26 41.5 +0.7	
MK31	Makanchi Array	67.88 328	P	Iamb	00 26 41.3	
MK31	comp=N,2.37nm,1.2s				00 26 40.6 -0.1	
MKAR	Makanchi Array	67.88 328	P	P	00 26 40.6 -0.1	
MKAR	comp=N,2.0nm,0.5s,baz=116,slow=7.9,SNR=17				00 26 41.9 -0.8	
MAK2	Makanchi Array	67.88 328	P	P	00 26 40.0 -0.8	
MKAK	Makanchi	68.05 327	P	P	00 26 41.9 0.0	
ZALV	Zalesovo Beam	71.41 334	P	P	00 27 01.1 -1.1	
ZALV	comp=N,2.0nm,0.3s,baz=132,slow=6.0,SNR=2.3				00 27 06.6 +0.4	
VNDA	Vanda	72.13 173	P	Iamb	00 27 43.9	

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Table with columns: PBKI, Pangkalan Bun, 16.82 286, P, Pn, 00 21 02.5 +0.1, comp=Z,450nm,0.8s

Table with columns: MNAI, Manna, 24.97 276, P, P, 00 22 22.8 -1.9, comp=Z,96umcomp=Z,33umcomp=Z,589nm,0.7s

Table with columns: KCSI, Kotacane, Aceh, 31.97 289, P, P, 00 23 24.6 -2.3, comp=Z,65umcomp=Z,10umcomp=Z,747nm,0.9s

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Table with columns for station name, frequency, and other parameters. Includes stations like Tasmania Unive, Guiyang, Mont Dzumac, Ouen Toro, etc.

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Table with columns for station name, frequency, and other parameters. Includes stations like Wachi, TengChong, Norfolk Island, Kuroka, etc.

21d 0h

Table with columns for station name, frequency, and other parameters. Includes stations like WAKE, MOKO, JMM, etc.

21d Oh

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MDJ, GUN, MRZ, POWZ, BKZ, KWHZ, YUK, etc.

2016 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OGWZ, MRZ, POWZ, BKZ, KWHZ, YUK, etc.

1586

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ULN, SONM, LGTI, AFI, etc.

21d Oh

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ABPO Ambohimanom, GEYT Albeck, and many others.

2016 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like RAYN Ar Rayn, TNA Tin City, and many others.

1588

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like O19K baz=256, KMBO Kilima Mbogo, and many others.

1589

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like H21K, SUA, A21K, F21K, etc.

2016 DEC

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like D23K, M23K, WAT6, C23K, etc.

21d 0h

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like D25K, RIDG, ANN, etc.

21d Oh

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like EGAK Eagle, BVCI Beaver Creek, and many others.

2016 DEC

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like S32K Killisnoo, F32M Atlin, and many others.

1590

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MLR Muntele Rosu, MLR Muntele Rosu, and many others.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NB2, NOA, YBH, DPC, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GERES, KHC, Ljubljana, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BGES, RCHB, BMRD, etc.

21d Oh

Table with columns for call sign, name, frequency, power, and status. Includes stations like CRNM Carthage, ULM Lac du Bonnet, and many others.

2016 DEC

Table with columns for call sign, name, frequency, power, and status. Includes stations like SCIA State Center, PCVE Castro Verde, and many others.

1592

Table with columns for call sign, name, frequency, power, and status. Includes stations like M53A WI Miller and, O52A Adamsville, and many others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSMA Santa Maria, R5B8 Mineral, PGRBA Graciosa, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHO Hitachi, JHY Hitachinayam, IDC 21 00:34:59.1, etc.

Moment tensor: Scale 10^16Nm; Mw:2.40; Mw-0.88; M0:1.51; Mw-0.03; Mw-0.16; Mw-0.43; Fault plane solution: M2.31000x10^16 Np1.210.18000.649.91000.0.0.0.0.0000. NP2.393.43000.0.840.46000.0.197.06000.0. Principal axes: T 2.4474, P1g83.0000, Azm80.0000; N -0.2969, P1g5.0000, Azm214.0000; P -2.1505, P1g5.0000, Azm304.0000; IDC 21.01:04:55.3.2.1.00N.79.66W, h43km,32km,mb4.2/20, mbmp4.4/22,ML4.0/2 Error ellipse: s-maj=25.1km s-min=11.3km az=52.0

ISC 21.01:04:50.70.6.0.92N.0.02.79.80W.0.02, h11km,4km, n560.1921/569,mb4.9Z,2D, Near coast of Ecuador'

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

Main table listing seismic events with columns: DBBC, Dabeiba, 7.04, 30, eP, Pn, 01 06 34.1 +0.3, etc. Includes event details like 'ZARCO Zaragoza, Cauc', 'GCHC Chingaza', 'GCHC Isla Barro Col', etc.

Table listing seismic events with columns: BO04, La Punta, 35.78, 167, P, P, 01 11 50.6 +0.6, etc. Includes event details like 'BO04 La Punta', 'BO04 comp=Z.21nm,1.2s', etc.

1595

Table with columns for station ID, name, frequency, and other details. Includes stations like PV13, PV07, PV11, GLA, BLYC, N23A, YUH, U15A, SWSC, IKP, W13A, BC3, IRM, O20A, M20K, PNCU, KNB, BELC, SRU, W13A, PFO, PFO, PFO, PFO, LCMT, P18A, P18A, V12A, P17A, P17A, MSU, MVU, MURC, RDMU, HEC, K22A, TCRU, TUQ, RSSD, SHPR, BFCR, GSC, GSC, SHOC, JLU, QSM, GWY, EDW2, TPNV, AGMN, LRMC, CCAC, FURC, DUG, DUG, WCT, SPR3, MPMC, BD06, PW09, PDAR, PDAR, R11A, ARVC, MDND, ISA, SPUT, GRAC, GMN, CWC, PKM, MZP, VES, HUU, DPH, DSP, SMMK, ELK, ULM.

2016 DEC

Table with columns for station ID, name, frequency, and other details. Includes stations like NV11, OMMB, NVAR, NVAR, MDPB, KVN, RYN, YHL, YHL, BMN, YERR, YERR, HLID, HLID, BOZ, BOZ, BOZ, MPK, MPK, MFID, MFID, BEKR, WFOR, WFOR, ORV, MSO, MSO, G08A, FFC, FFC, FCC, FCC, EDM, YKA, DLBC, S34M, WRGL, R33M, P33M, FARO, O30N, M31M, N31M, N30M, M30M, YUK4, DBIC, M29M, L29M, K29M, YUK3, TULEG, TULEG, F31M, BVCY, DANK, INK, INK, EPYK, I29M, I29M, A36M, A36M, M27K, MCARA, BCAR, L27K, L27K, M26K, BMRM, EGAK, EGAK, EGAK, K27K, L26K, I27K, KLU, DOT, H27K, SCRK, J26L, J26L, M24K, PAX, RIDG, RIDG.

21d 1h

Table with columns for station ID, name, frequency, and other details. Includes stations like G27K, ESDC, ESDC, K24K, PWL, J25K, M23K, E27K, ENK, WAT6, PRP, HDA, HDA, ILAR, ILAR, ILAR, RC01, WAT1, F26K, BMAR, G25K, MCK, MCK, F25K, MDM, MDM, SUA, C27K, E25K, H24K, NEA2, NEA2, NEA2, G24K, SKT, I23K, C26K, N20K, SPCR, F24K, D25K, BPWA, MLY, PPLA, E24K, CAST, M20K, G23K, G23K, TORO, TORO, CHUM, Q18K, COLD, E23K, H22K, I21K, N19K, P18K, L20K, O18K, C24K, K20K, D23K, J20K, E22K, C23K, G21K, O17K, F21K, TTA, P16K, ANM, QSPA, CLL, GERES, VYHS, ZALV, MKAR, SONM, WMQ, HHC, HHC, NJ2, NJ2, WHN, GYA, GYA, PZH.

1597

BRSE	Bradley Lake S	84.19	14	P	P	01 26 25.2 +0.8
GSI	Gunungsitoli	84.19	274	P	I Amb	01 26 26.0 +0.5
GSI1						01 26 27.5
R11A	Troy Canyon, C	84.19	45	P	P	01 26 25.2 +0.1
BMN	Battle Mountai	84.29	43	I Amb	I Amb	01 26 27.8
N19K	Gonanza Creek	84.38	12	P	P	01 26 24.9 -0.5
TUC	Tucson	84.42	52	P	P	01 26 28.3 +2.0
TUC						01 26 29.6
TUC		84.42	52	P	P	01 26 28.3 +2.0
WVOR	Wild Horse Val	84.56	40	I Amb	I Amb	01 26 29.4
SEW	Seward	84.81	14	P	P	01 26 27.7 +0.4
I07A	Ize	85.01	39	I Amb	I Amb	01 26 31.6
SRIT	Nakonsritamar	85.04	281	P	P	01 26 31.8 +2.2
319A	Douglas	85.09	54	P	I Amb	01 26 31.1 +1.5
319A						01 26 33.0
N20K	Mount Spurr	85.19	13	P	P	01 26 28.9 -0.4
SPCR	Spurr Chakacha	85.19	13	P	P	01 26 28.8 -0.5
J08A	Circle Bar Ran	85.19	40	I Amb	I Amb	01 26 32.4
SURA	Surathani	85.23	282	P	P	01 26 31.5 +1.0
SPR3	Spring Creek 3	85.37	45	I Amb	I Amb	01 26 34.6
HNS	HongShan	85.39	313	P	P	01 26 31.6 +0.9
HNS						
M19K	Big River Lodg	85.41	11	P	P	01 26 30.6 +0.4
U15A	North Rim	85.41	48	I Amb	I Amb	01 26 34.0
LYN	LuoYang	85.51	310	P	P	01 26 32.3 +0.9
LYN						
HEH	HeiHe	85.55	329	P	P	01 26 30.8 -0.3
HEH						
ELIB	Princess Elisa	85.57	187	P	P	01 26 31.2 0.0
L19K	White Mountain	85.58	11	I Amb	I Amb	01 26 32.6
L19K		85.58	11	P	P	01 26 32.0 +0.9
NONG	Nongkai	85.59	291	P	P	01 26 32.8 +0.7
WUAZ	Wupatki	85.59	49	I Amb	I Amb	01 26 32.6 +0.7
WUAZ						01 26 34.7
WUAZ		85.59	49	P	P	01 26 33.6 +1.7
RC01	Rabbit Creek A	85.62	14	P	P	01 26 31.4 +0.2
M20K	Styx River	85.62	12	P	P	01 26 31.1 -0.3
ENH	Enshi	85.68	305	P	P	01 26 33.0 +0.7
SUA	Susitna One	85.73	13	I Amb	I Amb	01 26 32.6
SUA		85.73	13	P	P	01 26 31.8 -0.1
PWL	Port Wells	85.73	15	P	P	01 26 31.9 +0.1
DUN6	Lazy B Ranch	85.80	53	I Amb	I Amb	01 26 36.2
BJT	Bajitau	85.80	316	P	P	01 26 33.1 +0.5
PKCU	Pink Cliffs	85.92	47	I Amb	I Amb	01 26 37.0
L20K	Farewell, AK	86.03	11	P	P	01 26 33.4 +0.2
SKT	Skwentna	86.03	13	P	P	01 26 32.3 -0.9
TTA	Tatalina	86.07	10	P	P	01 26 33.9 +0.4
EYAK	Cordova Ski Ar	86.09	16	P	P	01 26 33.4 -0.1
X18A	Snowflake	86.12	51	I Amb	I Amb	01 26 37.2
M22K	Willow	86.13	13	P	P	01 26 33.5 0.0
GYA	Guyang	86.18	300	P	P	01 26 35.8 +0.9
KNK	Knik Glacier	86.19	14	P	P	01 26 34.0 0.0
PMR	Palmer	86.20	14	P	P	01 26 34.0 +0.1
LTY	Liberty	86.25	36	I Amb	I Amb	01 26 36.8
MTPU	Mount Pierson	86.31	47	P	I Amb	01 26 37.1 +1.6
MTPU						01 26 38.8
SIT	Sitka	86.42	22	P	P	01 26 36.4 +1.4
U33K	Whale Pass	86.51	24	P	P	01 26 37.4 +1.9
V56K	Ketchikan	86.51	25	P	P	01 26 36.6 +1.1
MVU	Marysvalde	86.52	46	P	I Amb	01 26 37.8 +1.4
MVU						01 26 39.4
W18A	Petrified Fore	86.56	50	P	P	01 26 38.1 +1.5
SML	Sawmill	86.57	14	P	P	01 26 35.5 -0.3
DIV	Divide	86.59	16	I Amb	I Amb	01 26 37.0
CUT	Chulitna	86.68	13	P	P	01 26 36.1 -0.1
E08A	Dider Farm, El	86.69	37	I Amb	I Amb	01 26 39.0
M23K	Glacier View	86.70	14	P	P	01 26 36.0 -0.4
PPLA	Purkeypile	86.73	12	P	P	01 26 35.7 -0.9
BMO	Blue Mountains	86.74	39	I Amb	I Amb	01 26 39.2
BMRM	Bremner River	86.75	16	P	P	01 26 37.0 +0.4
121A	Cookes Peak, D	86.76	53	P	P	01 26 39.0 +1.5
121A		86.76	53	P	P	01 26 39.5 +2.0
TROLL	Troll, Antarti	86.77	181	P	P	01 26 37.0 +0.1
TROLL						01 36 22.1 -1.8
TROLL						01 28 49.6 +1.9
MESA	MESA	86.80	18	P	P	01 26 37.7 +0.6
TROLL		86.81	11	P	P	01 26 37.0 +0.2
MF0K	Telida	86.82	41	I Amb	I Amb	01 26 39.9
K21D	Camas Ranch	86.82	41	I Amb	I Amb	01 26 39.9
SCM	Sheep Creek Mo	86.82	15	P	P	01 26 37.5 +0.5
KLU	Klutina	86.86	15	I Amb	I Amb	01 26 37.9
KLU		86.86	15	P	P	01 26 37.8 +0.6
S32K	Killisnoo	86.99	22	P	P	01 26 39.0 +1.3
WRAK	Wrangell Islan	87.03	24	P	P	01 26 39.3 +1.4
SNA	Sanae	87.09	179	P	P	01 26 37.8 -0.4
SNA						01 36 24.2 -2.5
TIY	Taiyuan	87.11	312	P	P	01 26 40.1 +1.2
PNL	Peninsula	87.13	19	P	P	01 26 39.2 +0.8
TNA	Tin City	87.17	5	P	P	01 26 38.6 +0.2
E09A	Wood Farm, Sta	87.21	37	I Amb	I Amb	01 26 41.2
PINM	Pinnacle	87.22	18	P	P	01 26 39.0 +0.1
CAST	Castle Rocks	87.23	12	P	P	01 26 37.6 -1.1
VNA3	Neumayer Olymp	87.26	177	P	S	01 26 39.1 +0.1
VNA3						01 36 26.5 -1.7
VRDI	Verde Repeater	87.27	16	I Amb	I Amb	01 26 41.3
N25K	Chitina, Valde	87.29	16	P	P	01 26 39.9 +0.6

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M24K	Tolsona, Glenn	87.33	15	P	P	01 26 40.5 +1.2
GLB	Gilahina Butte	87.35	16	I Amb	I Amb	01 26 40.8
WAT6	Susitna Watana	87.38	14	P	P	01 26 40.1 +0.4
WAT1	Susitna Watana	87.42	14	P	P	01 26 39.9 +0.2
MCARA	McCarthy VSAT	87.51	17	P	P	01 26 41.2 +1.1
J20K	Nowinta River	87.55	11	I Amb	I Amb	01 26 41.4
J20K		87.55	11	P	P	01 26 40.5 +0.3
KTH	Kantishna Hill	87.58	12	P	I Amb	01 26 38.9 -1.6
KTH						01 26 40.9
TMUT	Trail Mountain	87.60	46	I Amb	I Amb	01 26 44.4
CHUM	Lake Minchumim	87.61	12	P	P	01 26 39.9 -0.5
TRF	Thorofore Moun	87.61	13	P	P	01 26 40.5 -0.3
P29M	Windy Craggy	87.61	20	P	P	01 26 41.0 +0.3
GLSA	Galena City Sc	87.64	9	P	P	01 26 41.1 +0.6
PLID	Pearl Lake	87.64	39	I Amb	I Amb	01 26 43.5
LLBL	Lillooet	87.68	32	I Amb	I Amb	01 26 43.4
MPU	Maple Canyon	87.68	45	I Amb	I Amb	01 26 44.4
VNA2	Neumayer-Watz	87.69	177	P	P	01 26 41.4 +0.4
VNA2						01 26 28.8 -3.4
HLID	Hailey	87.76	41	P	P	01 26 43.0 +1.0
HLID						01 26 44.7
HLID		87.76	41	P	P	01 26 43.7 +1.8
O28M	Mount Upton	87.79	18	P	P	01 26 42.5 +0.7
SPUT	South Promonto	87.81	44	I Amb	I Amb	01 26 44.7
HARP	HAARP	87.83	15	P	P	01 26 42.1 +0.5
HVU	Hansel Valley	87.84	43	I Amb	I Amb	01 26 45.5
C09A	Chrisman Ranch	87.89	36	I Amb	I Amb	01 26 44.3
O29M	Mount Kennedy	87.89	19	P	P	01 26 42.7 +0.7
DHY	Denali Highway	87.90	14	I Amb	I Amb	01 26 42.6
DHY		87.90	14	P	P	01 26 41.8 -0.3
PLBC	Pleasant Camp	87.91	20	P	P	01 26 43.1 +1.0
VNA1	Neumayer-Stat	87.92	177	P	P	01 26 42.6 +0.6
VNA1						01 36 32.5 -1.7
VNA1		87.92	177	pP	pP	01 28 58.0 +4.7
CTU	Camp Tracy	87.95	45	I Amb	I Amb	01 26 45.1
SRU	San Rafael Swe	87.97	46	P	P	01 26 43.8 +0.7
BPAW	Bear Paw Mtn.	88.06	12	I Amb	I Amb	01 26 46.7
BPAW		88.06	12	P	P	01 26 41.8 -0.8
JLU	Jordanelle	88.10	45	I Amb	I Amb	01 26 46.0
MCK	McKinley	88.14	13	P	P	01 26 42.8 -0.3
MNTX	Cornudas Moun	88.19	55	I Amb	I Amb	01 26 46.8
MNTX		88.19	55	P	P	01 26 45.5 +1.5
P30M	Million Dollar	88.24	20	P	P	01 26 45.4 +1.8
PAX	Paxson	88.25	15	I Amb	I Amb	01 26 44.4
PAX		88.25	15	P	P	01 26 43.7 0.0
YU8K	Steele Glacier	88.38	18	P	P	01 26 45.2 +1.0
M26K	Nabesna, AK	88.37	16	P	P	01 26 45.2 +1.0
TCUT	Toone Canyon	88.39	44	P	P	01 26 46.0 +0.9
P16A	Preston Nuttie	88.41	46	I Amb	I Amb	01 26 47.7
MVCO	Mesa Verde	88.44	49	P	P	01 26 45.8 +0.5
YU6K	Outpost Mounta	88.46	19	P	P	01 26 45.5 +0.6
TX32	Lajitas Array	88.49	58	P	I Amb	01 26 46.6 +1.0
TX32						01 26 48.7
TXAR	Lajitas Array	88.49	58	P	P	01 26 47.4 +1.8
TXAR						01 29 00.9 +1.0
TXAR						01 44 24.7 +0.7
YU3K	Moose Creek	88.53	17	P	P	01 26 45.9 +0.8
HWUT	Hardware Ranch	88.53	44	I Amb	I Amb	01 26 47.5
S34M	Telegraph Cree	88.57	23	P	P	01 26 46.4 +1.3
HYT	Haines Junctio	88.63	19	P	P	01 26 46.6 +1.1
M27K	Edge Creek, AK	88.63	16	P	P	01 26 46.4 +0.9
MENT	Mentasta	88.64	15	I Amb	I Amb	01 26 46.9
PV13	Radium Mtn., P	88.67	48	I Amb	I Amb	01 26 48.4
PV23	Carpenter Ridg	88.68	48	P	P	01 26 46.9 +0.4
PV23						01 26 48.7
YU4K	Talbot Arm	88.70	18	P	P	01 26 46.9 +1.0
NEW	Newport	88.78	36	P	P	01 26 47.1 +0.7
L26K	Log Cabin Wild	88.81	15	I Amb	I Amb	01 26 47.6
L26K		88.81	15	P	P	01 26 46.5 +0.4
I21K	Tanana	88.85	11	P	P	01 26 46.1 -0.2
ANMO	Albuquerque	88.85	52	P	I Amb	01 26 47.5 +0.2
ANMO						01 26 49.5
ANMO		88.85	52	P	P	01 26 48.6 +1.3
NEA2	Nenana	88.88	12	P	P	

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like JCT Junction City, E24K Your Creek, MT01 Popeta, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like ONAU Onsla, AKASG Malin Array Be, AKASG Malin Array Be, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like CONA comp=Z,33nm,0.8s,SNR=15, CONA comp=Z,14nm,0.8s, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like JMA 01:18:22.9,0.1,32.2N,0.5,140.6E,0.6,h39km, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C, ISC. Includes stations like WRA Warramunga Arr, WB0 Warramunga Arr, BELA Belgrano 2, etc.

LDG 21 02:38:58.0.0.1, 48.70N, 6.30E, h2km, Md2.5/3, ML2.1/13, Error ellipse: s-maj=1.3km s-min=1.1km az=36.0

BGR 21 02:39:07.0.7.0.8, 48.70N, 6.41E, h1km, ML1.8/2, Error ellipse: s-maj=1.1km s-min=2.2km az=66.0

ISC 21 02:38:57.8.0.0.8, 48.65N, 0.03E, 6.19E, 0.03, h0km, n29, e194/44, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C, ISC. Includes stations like PAGF Fort de Pagny, HAU Hautdrompre, SAVF Savonnières en, etc.

NEIC 21 02:39:51.1.1.1.9, 22.5S, 0.2x177.5W, 0.1, h269km, 12km, mb4.5/25, Error ellipse: s-maj=28.0km s-min=2.2km az=142.0

IDC 21 02:39:59.2.7.2, 22.82S, 177.77W, h339km, 72km, mb3.7/10, mbmp4.4/11, Error ellipse: s-maj=33.7km s-min=24.5km az=5.0

ISC 21 02:39:53.0.6.2, 22.85S, 0.10x177.38W, 0.10, h300km, n61, e122/60, mb4.2/21, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C, ISC. Includes stations like NIJE Niue, AFR Atiamalu, OUCN Ouen Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C, ISC. Includes stations like STKA Stephens Creek, COEN Coen, BBOO Buckleboe, etc.

IDC 21 02:46:38.1.1.0, 5.92S, 153.73E, h0km, mb4.0/7, mbmp4.0/9, ML3.1/2, Error ellipse: s-maj=32.1km s-min=21.2km az=106.0

ISC 21 02:46:43.3.1.0, 5.92S, 0.09x153.6E, 0.1, h32km, n11, e112/15, mb4.1/7, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C, ISC. Includes stations like PKGZ Puketiti, PUZ Puketiti, HAZ Puketiti, etc.

21d 3h

21d 4h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like OZAP, AKDM, VANB, IKRK, BLUS, GURSO, MIDY, MAZ, MARD, HANI, etc.

IDC 21 03:29:20.3, 0.9, 4.432S, 154.41E, h0km, mb3.9/3, mbtm3.9/4, MS3.8/2, Error ellipse: s-maj=77.8km s-min=50.7km az=123.0, D'Entrecasteaux Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like KRVT, WRA, ASAR, STKA, MA2, TORO, etc.

IDC 21 03:38:36.5, 4.4, 4.32S, 153.46E, h116km, mb3.4/3, mbtm3.9/4, MS3.8/2, Error ellipse: s-maj=57.7km s-min=30.6km az=108.0, IASC 21 03:38:34.2, 0.4, 4.3S, 153.6E, h100km, n8, a116/8, mb3.7/3, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like KRVT, PMG, WRA, ASAR, STKA, AFI, PPT, TORO, etc.

IDC 21 03:38:36.0, 32.0, 5.55S, 111.04W, h0km, mb3.6/3, mbtm3.5/3, Error ellipse: s-maj=1149.0km s-min=48.8km az=146.0, Ascension Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like H10N2, H10N1, H10N3, H10S2, H10S3, TORO, GERE, TXAR, etc.

NOU 21 03:43:22.8, 15.14S, 167.14E, h0km, mb4.1/6, Vanuatu Islands, Vanuatu Islands

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

IDC 21 03:49:27.9, 10.0, 54.12N, 165.62W, h53km, 75km, mb3.6/5, mbtm3.9/7, ML3.5/2, MS3.9/1, Error ellipse: s-maj=90.4km s-min=35.0km az=45.0, AEIC 21 03:49:29.3, 1.9, 53.89N, 165.3W, h0km, h53km, 75km, Error ellipse: s-maj=11.2km s-min=1.3km az=124.0, NEIC 21 03:49:30.2, 1.5, 53.9N, 165.3W, h0km, h63km, 10km, mb3.9/11, ML3.8(AEIC), Error ellipse: s-maj=16.6km s-min=8.7km az=161.0, IASC 21 03:49:29.3, 0.9, 53.8N, 165.19W, h0km, h75km, n75, a116/6/7, mb3.7/4, Fox Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like AKUT, UNV, FALS, NIKH, CLES, SDPT, SPTA, CHGN, SII, ADK, KIWB, OHAK, etc.

2016 DEC

Table with columns: P19K, KDKAK, SWV2, N19K, CNPM, BRLL, H15K, L19K, M20K, TTA, O22K, S2A, SGT, RC01, K20K, PWL, CUT, KNK, J20K, SML, EYAK, BPAW, H21K, MLY, MICAR, H23K, ILAR, RIDG, L26K, L27K, PNL, J26L, J26L, K27K, P29M, EGAK, DAWY, DAWY, BMAR, M30M, M30M, J29M, J29M, N31M, M31M, M31M, FARO, FARO, INK, YKA, YKA, RES, H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, TXAR, MKAR, FINES, HFS, H03N2, H03N1, H03N3, AFI, AFI, AFI, RPZ, H1S2, H1S3, H1S1, CTA, WRA, ASAR, SHEM, MJAR, NVAR, ILAR, ATAH, NOR, MOS, DUS, IASC, DLMR, DLMP, DBC, DVE, DVE, KRNR, KRNR, GROC, BUJR, BUJR, UNCR, UNCR, BTLR, BTLR, MAK, MAK, ARKAR, ARKAR, XNZR, XNZR, GNBR, GNBR, GNBR, GNBR, KMKR, KMKR, KMKR, KMKR, TRKR, TRKR, BTKR, BTKR, LGD, LGD, LGD, LGD, PNSH, PNSH, ARNR, ARNR, ARNR, ARNR, PRTR, PRTR, PRTR, PRTR, GUDG, GUDG, GUDG, GUDG, DRN, DRN, STDR, STDR, STDR, STDR, KORR, KORR, KORR, KORR, LSNR, LSNR, LSNR, LSNR, AKT, AKT, AKT, AKT, ZEI, ZEI, ZEI, ZEI, NCK, NCK, NCK, NCK, DGR, DGR, DGR, DGR, ONI, ONI, ONI, ONI, TRLG, TRLG, TRLG, TRLG, BRNG, BRNG, BRNG, BRNG, DMNI, DMNI, DMNI, DMNI, KBZ, KBZ, KBZ, KBZ, NEY, NEY, NEY, NEY, SHAT, SHAT, SHAT, SHAT, KIV, KIV, KIV, KIV, ALER, ALER, ALER, ALER, IASC 21 04:22:48.2, 8.6, 5.76S, 148.47E, h46km, 74km, mb2.9/1, mbtm3.4/3, ML2.8/2, Error ellipse: s-maj=98.9km s-min=60.9km az=115.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, TXAR, MKAR, FINES, HFS, H03N2, H03N1, H03N3, AFI, AFI, AFI, RPZ, H1S2, H1S3, H1S1, CTA, WRA, ASAR, SHEM, MJAR, NVAR, ILAR, ATAH, NOR, MOS, DUS, IASC, DLMR, DLMP, DBC, DVE, DVE, KRNR, KRNR, GROC, BUJR, BUJR, UNCR, UNCR, BTLR, BTLR, MAK, MAK, ARKAR, ARKAR, XNZR, XNZR, GNBR, GNBR, GNBR, GNBR, KMKR, KMKR, KMKR, KMKR, TRKR, TRKR, BTKR, BTKR, LGD, LGD, LGD, LGD, PNSH, PNSH, ARNR, ARNR, ARNR, ARNR, PRTR, PRTR, PRTR, PRTR, GUDG, GUDG, GUDG, GUDG, DRN, DRN, STDR, STDR, STDR, STDR, KORR, KORR, KORR, KORR, LSNR, LSNR, LSNR, LSNR, AKT, AKT, AKT, AKT, ZEI, ZEI, ZEI, ZEI, NCK, NCK, NCK, NCK, DGR, DGR, DGR, DGR, ONI, ONI, ONI, ONI, TRLG, TRLG, TRLG, TRLG, BRNG, BRNG, BRNG, BRNG, DMNI, DMNI, DMNI, DMNI, KBZ, KBZ, KBZ, KBZ, NEY, NEY, NEY, NEY, SHAT, SHAT, SHAT, SHAT, KIV, KIV, KIV, KIV, ALER, ALER, ALER, ALER, IASC 21 04:31:04.6, 1.3, 10.38S, 161.19E, h0km, mb3.9/7, mbtm3.9/7, MS3.6/5, Error ellipse: s-maj=26.7km s-min=23.9km az=107.6, IASC 21 04:31:14.2, 1.1, 10.2S, 161.16E, h0km, n14, a1172/10, mb3.7/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like HNR, HNR, HNR, CTA, AFI, WRA, WRA, STKA, STKA, ASAR, ASAR, H1N1, H1N2, H1N3, JOW, ILAR, MKAR, YKA, IASC 21 04:32:18.8, 5.2, 38.96S, 92.62W, h0km, mb3.9/7, mbtm3.9/7, MS3.6/5, Error ellipse: s-maj=142.1km s-min=27.0km az=12.0, IASC 21 04:32:20.8, 4.8, 38.9S, 92.92W, h0km, n16, a1151/7, mb3.9/7, MS3.5/4, West Chile Rise

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like HNR, HNR, HNR, CTA, AFI, WRA, WRA, STKA, STKA, ASAR, ASAR, H1N1, H1N2, H1N3, JOW, ILAR, MKAR, YKA, IASC 21 04:32:18.8, 5.2, 38.96S, 92.62W, h0km, mb3.9/7, mbtm3.9/7, MS3.6/5, Error ellipse: s-maj=142.1km s-min=27.0km az=12.0, IASC 21 04:32:20.8, 4.8, 38.9S, 92.92W, h0km, n16, a1151/7, mb3.9/7, MS3.5/4, West Chile Rise

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, etc.

1602

Table with columns: GROC, BUJR, BUJR, UNCR, UNCR, BTLR, BTLR, MAK, MAK, ARKAR, ARKAR, XNZR, XNZR, GNBR, GNBR, GNBR, GNBR, KMKR, KMKR, KMKR, KMKR, TRKR, TRKR, BTKR, BTKR, LGD, LGD, LGD, LGD, PNSH, PNSH, ARNR, ARNR, ARNR, ARNR, PRTR, PRTR, PRTR, PRTR, GUDG, GUDG, GUDG, GUDG, DRN, DRN, STDR, STDR, STDR, STDR, KORR, KORR, KORR, KORR, LSNR, LSNR, LSNR, LSNR, AKT, AKT, AKT, AKT, ZEI, ZEI, ZEI, ZEI, NCK, NCK, NCK, NCK, DGR, DGR, DGR, DGR, ONI, ONI, ONI, ONI, TRLG, TRLG, TRLG, TRLG, BRNG, BRNG, BRNG, BRNG, DMNI, DMNI, DMNI, DMNI, KBZ, KBZ, KBZ, KBZ, NEY, NEY, NEY, NEY, SHAT, SHAT, SHAT, SHAT, KIV, KIV, KIV, KIV, ALER, ALER, ALER, ALER, IASC 21 04:22:48.2, 8.6, 5.76S, 148.47E, h46km, 74km, mb2.9/1, mbtm3.4/3, ML2.8/2, Error ellipse: s-maj=98.9km s-min=60.9km az=115.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like PMG, WRA, ASAR, TORO, IASC 21 04:31:04.6, 1.3, 10.38S, 161.19E, h0km, mb3.9/7, mbtm3.9/7, MS3.6/5, Error ellipse: s-maj=26.7km s-min=23.9km az=107.6, IASC 21 04:31:14.2, 1.1, 10.2S, 161.16E, h0km, n14, a1172/10, mb3.7/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like HNR, HNR, HNR, CTA, AFI, WRA, WRA, STKA, STKA, ASAR, ASAR, H1N1, H1N2, H1N3, JOW, ILAR, MKAR, YKA, IASC 21 04:32:18.8, 5.2, 38.96S, 92.62W, h0km, mb3.9/7, mbtm3.9/7, MS3.6/5, Error ellipse: s-maj=142.1km s-min=27.0km az=12.0, IASC 21 04:32:20.8, 4.8, 38.9S, 92.92W, h0km, n16, a1151/7, mb3.9/7, MS3.5/4, West Chile Rise

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLCA Paso Flores, CFA Coronel Fontan, NNA Nana, LPAZ La Paz, CPUP Villa Florida, ATAH Atahualpa, SIV San Ignacio, TXAR Lajitas Array, NVAR Mina Array Bea, PDAR Pinedale Array.

IDC 21 05:46:56.0-1.9,10.50Sx160.34E,h0km,mb3.8/4, mbtmp3.8/4, Error ellipse: s-maj=46.3km s-min=21.3km az=100.0, 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, SONM Songino Array, ILAR Eielson Array.

IDC 21 05:08:42.9-2.1,7.59Sx127.88E,h164km,17km,mb3.2/2, mbtmp4.1/5, Error ellipse: s-maj=33.0km s-min=17.8km az=125.0

ISC 21 05:08:40.6-0.9,7.81Sx108.00E,h105km,n6, az=246/10, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BATI Baumata, BATI Soron, SIJI Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Huihuique, SONM Songino Array, MKAR Makanchi Array.

WEL 21 05:10:14.7-0.3,42.52Sx17.3E,h5km,2km,M3.1/18, ML3.3/18,MLV3.1/18, Error ellipse: s-maj=0.0km s-min=0.0km az=98.1, confirmed

NOU 21 05:10:14.7, 42.39Sx173.12E,h3km,MLV3.6/9, South Island, New Zealand

ISC 21 05:10:14.6-1.1,42.31Sx102.173E,h9km,10km,n78,r140/83, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHZ Kahutara, THZ Tophouse, THZ Greta Valley S, QZT Quartz Range, BSWZ Blackbirch Sta, MRNZ Matariki Terra, CMWZ Cape Campbell, NZS Nelson, DNUZ Denniston Nort, TKNZ Takaka Hill, OXZ Oxford, INZ Inchbonnie, TCW Toky Channel, OKCZ Okains Bay, MOZ McQueen's Vall, SNZO South Karori, QZT Quartz Range, AKCZ Akarora Harbour, RACZ Rakaiia, DUWZ D'Urville Isla, MHCZ Mount Hut, PLWZ Palliser, CAW Cannon Point, WAZ Wakanuul South, WUZ Waitaha Valley, KIW Kapiti Island, RPZ Rata Peaks, RPZ Rata Peaks, MTW Mount Morrison, TRWZ Traveller, GWZ Otaki George, ARCZ Arundel, HOWZ Holdsworth Sta, GOSZ Gaunt Creek Bo, TMWZ Te Maipa, MRZ Mangatainaka R, TMZ Timaru, BFZ Birch Farm, BFZ Birch Farm, WAZ Wanganui, LBZ Lake Benmore, LRZ Lake Rotokare, DVHZ Dannevirke, KHEZ Kahui Hut, KHEZ Kahui Hut, NBEZ Newall Road No, TSZ Takapari Road, NEZ North Egmont, PKE Pukeiti, ODS Otahua Downs, ODS Otahua Downs, PNHZ Pukenui, WRZ Vera Road, WNVZ Wahianoa, TRVZ Turoa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FWVZ Far West T-bar, BHHZ Black Hill Sta, NGZ Ngauruhoe, SNVZ South Ngauruhoe, FWVZ Taurewa, OTVZ Otarewa, NNVZ North Ngauruhoe, WTVZ West Tongariro, ETVZ East Tongariro, TMVZ Te Maari, NTVZ North Tongariro, HIZ Huihui, BKZ Black Stump Fm, TOZ Tahuroa Road, URZ Urewera, TORZ Tauranga, AWAZ Awhitu Peninsula, MKAZ Moumakai, ETAZ East Tamaki Re.

IDC 21 05:12:33.8-0.8,21.88Sx68.39W,h124km,12km,mb3.3/4, mbtmp3.8/6, Error ellipse: s-maj=29.0km s-min=24.6km az=81.0

GUC 21 05:12:34.0-0.7,21.74Sx68.57W,h127km,5km,ML3.7/7, Error ellipse: s-maj=29.0km s-min=24.6km az=81.0

ISC 21 05:12:33.4-0.8,21.77Sx68.57W,h122km,8km,n7,r142/45,mb3.8/3,7C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, LVC Limon Verde, LVC Limon Verde, PB01 IPOC Station P, PB03 IPOC Station P, PB07 IPOC Station P, PB02 IPOC Station P, PB06 IPOC Station P, PB04 IPOC Station P, PB08 IPOC Station P, PB15 IPOC Station P, PATCX Punta Patache, HMBC Humberstone, TA01 Diego Aracena, TA02 Huihuique, GO01 Chuzmiza, PB11 IPOC Station P, PSGC Pisagua, PSGC Pisagua, MNMC Minye Mine, PB16 IPOC Station P, LPVZ La Paz, CFA Coronel Fontan, BDFB Brasilia, TXAR Lajitas Array, TORO Torodi Arr, YKA Yellowknife Arr.

IDC 21 05:17:18.5-3.9,6.21Sx153.05E,h0km,mb3.4/2, mbtmp3.4/2, Error ellipse: s-maj=168.1km s-min=53.8km az=124.0, New Britain region

WRA Warramunga Arr 22.73 231 P 05 22 22.8 +0.5

ASAR Alice Springs 25.30 225 P 05 22 46.4 -0.6

TORD Torodi Arr 150.95 286 PKPbc PKPbc 05 37 14.4 0.0

RSNC 21 05:20:21.1-0.4,1.276Nx81.57W,h14km,8km,ML3.9, MW4.0

IDC 21 05:20:24.8-8.5,12.97Nx81.41W,h33km,64km,mb3.6/7, mbtmp3.8/8,ML3.1/1,MS3.4/3, Error ellipse: s-maj=52.1km s-min=24.1km az=38.0

UCR 21 05:20:47.0-1.5,11.27Nx82.72W,h20km,999km,MW4.0, mb4.1(NEIC)

ISC 21 05:20:23.7-0.6,12.78Nx0.05E,81.52W,0.05,h35km,n48, r170/73,mb3.6/7,1C-1D, Caribbean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRVC Isla de Provid, ACON Acopya, LCRZ La Lucha 2, BCIP Isla Barro Col, EDUA Buenos Aires, BRUB Volcan, BRUZ, JTS Las Juntas de, JTS Las Juntas de, CNGN Cerro Negro, CNGN, AZU Azuero.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AZU, CRIN comp-Z,187nm,0.6s, CRIN San Cristobal, CCAO El Cacao, Vera, CCAO, TGUH Tegucigalpa,Un, TGUH, LCBC Los crdobas, LCBC, PCJ Portland Coast, MTJD Mount Denham, SJCC San Jacinto, C, SJCC, SJCC.

APAC Apartado, Choc 6.87 134 eP Sn 05 22 01.6 -0.3

BBJ Bamboo Saint A 6.92 36 iP Pn 05 22 04.0 +1.4

HOJ Hope 6.94 41 iP Pn 05 22 03.9 +1.0

STH Stony Hill 6.95 40 iP Pn 05 22 04.4 +1.2

GWJ Greenwich 7.00 41 iP Pn 05 22 05.4 +1.5

ARGC Ariguani, Magd 7.71 111 eP Sn 05 22 15.4 +1.9

UREC San Jos de Ur 7.73 130 eP Sn 05 22 14.3 +0.5

ZARC Zaragoza, Caus 8.41 128 eP Sn 05 22 23.0 -0.1

CRJC Cerrejon, Guaj 8.64 101 eP Sn 05 22 26.1 -0.2

CBOC Ciudad Bolivar 8.76 141 eP Sn 05 22 30.1 +2.0

PTBC PUERTO BERRIO, 9.33 131 eP Sn 05 22 35.5 -0.3

URIC Uribia, Colomb 9.38 96 eP Sn 05 22 33.7 -2.8

BRRC Barranca, Sant 9.54 126 eP Sn 05 22 39.0 +0.4

GUY2C Guyana, Caldas 9.66 140 eP Sn 05 22 43.7 +2.9

PAMC Pamplona, Colo 10.23 121 eP Sn 05 22 49.8 +1.2

BARC Barichara 10.27 126 eP Sn 05 22 49.4 +0.6

RUSC La Rusia 10.78 129 eP Sn 05 22 56.9 +0.9

CHIC Chingaza 11.17 136 eP Sn 05 23 03.3 +1.9

SDV Santo Domingo 11.38 109 Pn 05 23 04.6 +0.6

SDV comp-Z,1.4nm,0.3s,baz=31,slow=19,SNR=9.2 05 28 31.0 LR

FLOC Florencia 12.56 152 eP Pn 05 23 23.2 +3.2

SJG San Juan 15.73 98 LR LR 05 29 30.0

TXAR Lajitas Array 26.34 312 P 05 25 57.2 +0.5

PDAR Pinedale Array 38.48 326 P 05 27 43.2 +0.5

ELK Elko 40.58 320 LR LR 05 47 43.7

NVAR Mina Array Bea 41.43 315 P 05 28 09.4 +2.1

YKA Yellowknife Arr 54.95 342 P 05 29 51.2 +0.2

ILAR Eielson Array 68.11 335 P 05 31 20.7 +1.0

TORD Torodi Arr 86.68 79 P 05 32 34.8 +1.0

ASAR Alice Springs 144.75 247 PKP PKPpdf 05 39 57.5 -0.2

WRA Warramunga Arr 144.91 254 PKPbc PKPpdf 05 39 58.7 +0.6

IDC 21 05:21:59.2-6.6,8.07Sx128.16E,h64km,54km, mbtmp4.3/3,ML4.0/3, Error ellipse: s-maj=60.5km s-min=22.4km az=20.0

ISC 21 05:21:59.7-1.2,8.25Sx128.20E,0.08,h35km,n15, az=234/16, Timor Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SOEI Soe, BATI Baumata, BATI, KDU Kudu, KNRA Kunurra, WRAB Tennant Creek, WRA Warramunga Arr, WRA, GENI Genyem, ASAR Alice Springs, ASAR, ASO1 Alice Springs, WRKA Warakurna, OOD Oodnadatta, FORT Forrest, MUGL Mulgathing, INKA Innakinka, LPAZ Lajitas Array, KRVT Keravat (AS076), KRVT.

IDC 21 05:24:21.6-4.4,5.50Sx153.18E,h44km,32km,mb3.8/8, mbtmp4.1/9,ML2.3/1,MS3.7/2, Error ellipse: s-maj=40.4km s-min=14.2km az=90.0

ISC 21 09:15,mb3.9/3, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), KRVT.

21d 9h

Table of astronomical observations for 21 days, 9 hours. Columns include station name, station ID, time, and various parameters like SNR and error.

2016 DEC

Table of astronomical observations for 2016 December. Columns include station name, station ID, time, and various parameters like SNR and error.

1606

Table of astronomical observations for 1606. Columns include station name, station ID, time, and various parameters like SNR and error.

2016 DEC

21d 9h

Table with columns: MSVF, Nonsavu, 13.75 352 P, P, 09 17 07.6 -2.3, etc. Lists various astronomical observations with coordinates and magnitudes.

Table with columns: PETK, Petropavlovsk, 86.41 347 P, P, 09 26 08.7 0.0, etc. Lists astronomical observations including Petropavlovsk and other stars.

1608

Table with columns: BURAR, Buocovina Array, 154.94 317 P, PKPab, 09 33 42.6 -0.4, etc. Lists astronomical observations from the Buocovina Array and other sources.

21d 10h

Table with columns for station name, coordinates, elevation, and other parameters. Includes stations like SBUM Sibiu, MMRI Maumere, SOEI Soe, etc.

2016 DEC

Table with columns for station name, coordinates, elevation, and other parameters. Includes stations like L19K White Mountain, OHAK Old Harbor, L20K Farewell, etc.

1610

Table with columns for station name, coordinates, elevation, and other parameters. Includes stations like M24K Tolsona, KLU Klutina, F25K Christian River, etc.

SEA 21 10:53:34.8, 1.6, 44.90N, 0.0121:66W, 0.02, h18km, 2km, ML2.4/14, ML2.5/28(NEIC), Error ellipse: s-maj=2.2km s-min=1.6km az=91.0

Table with columns for Code, Station Name, Az, Phase ID, ISC, Time, Res. Includes stations like MRIN Marion BPA Sit, MRIN Marion BPA Sit, COLT Colton High Sc, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like WIFE, APM, HBO, 105A, etc.

WEL 21 11:02:16.7, 42.2 S, 17.4 E, h10km, 4km, M3.6/14, ML3.8/15, MLV3.6/14, Error ellipse: s-maj=0.0km s-min=0.0km az=35.7, confirmed

NOU 21 11:02:16.5, 42.47S, 173.68E, h7km, MLV4.1/10, South Island, New Zealand

ISC 21 11:02:16.4, 1.0, 42.35S, 0.03, 173.65E, 0.04, h20km, 4km, n94, c191/98, South Island

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like KHZ, KHZ, KHZ, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ETVZ, TMVZ, NTVZ, etc.

DJA 21 11:07:16.9, 0.4, 7.5 S, 4.12, 7E, h218km, 7km, M4.5/6, mb4.3/5, mB5.1/1, MLV4.7/6, Mw(MB)4.4/1

DC 21 11:07:19.4, 2.3, 7.5 S, 4.12, 7E, h199km, 24km, mb3.7/7, mbtm4.3/9, Error ellipse: s-maj=25.8km s-min=12.6km az=57.0

NEIC 21 11:07:21.9, 1.3, 7.69S, 0.09, 126.70E, 0.06, h221km, 12km, mb4.4/14, Error ellipse: s-maj=13.4km s-min=6.5km az=155.0

ISC 21 11:07:19.9, 0.6, 7.67S, 0.06, 126.70E, 0.06, h200km, n51, c173/55, mb4.1/11, Banda Sea

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like SOEI, SOEI, SOEI, etc.

AS31 Alice Springs 17.35 157 P P 11 11 43.7 +2.5

ASAR Alice Springs 17.35 157 P P 11 11 10.2 +1.5

ASAR Alice Springs 17.35 157 P P 11 11 10.9 +2.0

ASAR Alice Springs 17.35 157 P P 11 11 10.7 +1.8

ASAR Alice Springs 17.35 157 P P 11 11 11.6 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.8 +0.6

ASAR Alice Springs 17.35 157 P P 11 11 10.9 +1.8

ASAR Alice Springs 17.35 157 P P 11 11 11.1 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

ASAR Alice Springs 17.35 157 P P 11 11 11.4 +0.1

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like CMAR, HNR, STKA, etc.

IDC 21 11:18:16.9, 8.4, 3.36S, 149.16E, h0km, mb3.2/3, mbtm3.3/3, Error ellipse: s-maj=273.1km s-min=34.1km az=101.0, Bismark Sea

WRA Warramunga Arr 21.93 220 P P 11 11 08.5 +3.0

ASAR Alice Springs 25.00 215 P P 11 11 23.42 -0.3

SOMN Songino Array 63.20 329 P P 11 11 28.47 -0.1

IDC 21 11:18:16.9, 8.4, 3.36S, 149.16E, h0km, mb3.6/4, mbtm4.5/5, Error ellipse: s-maj=168.0km s-min=42.8km az=143.0

NEIC 21 11:18:46.2, 1.2, 19.7S, 0.2, 178.0W, 0.2, h589km, 21km, mb3.9/16, Error ellipse: s-maj=33.9km s-min=12.5km az=223.0

ISC 21 11:18:46.6, 0.9, 19.7S, 0.2, 178.0W, 0.1, h600km, n26, c1509/26, mb4.2/12, Fiji Islands region

MSVF Nonsauv 4.19 297 P P 11 11 20.137 +0.2

MSVF Nonsauv 4.19 297 P P 11 11 20.134 -0.1

MSVF Niusie 7.66 87 P P 11 11 20.45 -1.3

DZM Mont Dumac 14.72 258 P P 11 11 21.52 -0.3

PLWZ Palliser 22.58 193 P P 11 11 23.02 -1.1

WHZ Wether Hill Ro 28.01 201 P P 11 11 23.55 -0.7

EIDS Eidsvold 29.05 253 P P 11 11 24.17 -0.3

ARMA Armidale 29.42 243 P P 11 11 24.03 -0.4

CTA Charters Tower 33.56 263 P P 11 11 24.38 -0.4

PMG Port Moresby 35.14 282 P P 11 11 24.53 +0.4

COEN Coen 37.52 273 P P 11 11 25.15 +0.2

BBOO Buckleboe 42.91 243 P P 11 11 25.53 -1.0

BBOO Buckleboe 42.91 243 P P 11 11 26.19 -0.8

WR0 Warramunga Arr 44.51 261 P P 11 11 26.07 -0.8

WR0 Warramunga Arr 44.51 261 P P 11 11 26.10 -0.3

WB0 Warramunga Arr 44.68 261 P P 11 11 26.06 -0.9

WB0 Warramunga Arr 44.68 261 P P 11 11 26.26 -1.1

WB2 Warramunga Arr 44.69 261 P P 11 11 26.07 -0.8

WB2 Warramunga Arr 44.69 261 P P 11 11 26.07 -0.2

WRAB Tennant Creek 44.69 261 P P 11 11 26.07 -0.9

WRAB Tennant Creek 44.69 261 P P 11 11 26.12 -0.7

AS31 Alice Springs 44.70 256 P P 11 11 26.07 -0.3

ASAR Alice Springs 44.70 256 P P 11 11 26.07 -0.8

WRA Warramunga Arr 44.70 261 P P 11 11 26.07 -1.0

WRA Warramunga Arr 44.70 261 P P 11 11 26.07 -1.0

SBA South Pole Qui 70.41 180 P P 11 11 27.44 +2.1

OSPA South Pole Qui 70.41 180 P P 11 11 29.01 +0.9

SNAA Snares 88.85 178 P P 11 11 30.97 +0.7

CMAR Chiang Mai Arr 89.81 290 P P 11 11 30.45 +3.0

AKASA Matin Array 142.27 332 PKP PKPFD 11 11 37.10 -1.5

NEIC 21 11:58.8, 1.4, 13.53S, 0.07, 75.11W, 0.09, h83km, 6km, mb5.0/12, ML5.4(ARE), Error ellipse: s-maj=13.8km s-min=9.2km az=57.0

ISC-EH 21 11:18:58.3, 13.57S, 75.17W, h83km, 1km, Error ellipse: s-maj=4.8km s-min=2.4km az=53.0

ARE 21 11:18:59.2, 3, 13.68S, 0.07, 75.33W, 0.09, h98km, 5km, Error ellipse: s-maj=13.4km s-min=8.7km az=58.0

VAO 21 11:19:00.6, 0.8, 13.50S, 75.09W, h94km, 6km, mb4.9

IDC 21 11:19:00.0, 0.5, 13.49S, 75.19W, h99km, 4km, mb4.1/14, mbtm4.5/19, MS3.8/16, Error ellipse: s-maj=18.1km s-min=7.6km az=48.0

GCMT 21 11:19:01.8, 0.5, 13.85S, 0.03, 75.24W, 0.03, h132km, 4km, MW5.0/17, Moment Tensor Solution, s22, c23, s71, c88; Duration: 0 Moment tensor: Scale 10^16N; Mr=1.95e; 16; Mw=2.46e; 18; Mw=0.51e; 20; Mw=0.40e; 14; Mw=3.88e; 21; Mw=0.94e; 15; Best double couple: Mw=4.5700e; 10; 16; N1P1=0.6300000; 87.0; 0.000000; 1; 23.000000; N2P2=0.26300000; 869.00000; 1; 160.00000; Principal axes: T=5.1330, P1g=0.0000; Azm215.0000; N=1.4000; P1g1=0.0000; Azm308.0000; P=-3.7410, P1g2=0.0000; Azm124.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like NNA, NNA, NNA, etc.

21d 11h

Table with columns for call sign, name, frequency, and other details. Includes stations like IPOC Station P, Tabatinga, AM, Limon Verde, etc.

2016 DEC

Table with columns for call sign, name, frequency, and other details. Includes stations like LRLAL Lakeview Retre, 833A Chaparral WMA, KMSC Kings Mountain, etc.

1612

Table with columns for call sign, name, frequency, and other details. Includes stations like SPMN Marine on St., BC3 Big Chuckwall, MONP2 Monument Peak, etc.

Table with columns: LIC, Name, RA, Dec, Az, El, P, Res, Time, Res. Includes entries like Lamto, Toumudi, Dimbokro, etc.

ZUR 21 11:21:42.3,46:55N:10:36E, h2km,3km, MLH0.5/4,2C-2D, Error ellipse: s-maj=5.6km s-min=1.5km az=104.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like BRMO, STSP, FUORN, etc.

ROM 21 11:22:56.7,0.0,42:802N:0'002-13:165E:0'004, h10km, ML1.6/9,3C, Error ellipse: s-maj=0.3km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like T1245, T1245, T1245, etc.

Table with columns: T1245, Name, RA, Dec, Az, El, P, Res, Time, Res. Includes entries like Monte Cornacci, Civita (PG), etc.

HEL 21 11:33:42.3,01.63:13N:27:81E, h0km, ML1,7, Explosion,Finland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like KAF, RUF, JOF, etc.

BJI 21 11:34:09.5,0.0,28:84N:129:68E, h22km, mb4.5/38, mb4.8/25, Ms4.8/46, Ms7.4/74

0s:193.00000; 874.00000; lambda-119.00000; NP2: 0s:77.00000; 832.00000; lambda-30.00000; JMA 21 11:34:10.8,0.0,29:2N:0.8-12.9E, h16km,2km, MV3.9/23, NEAR TOKARA ISLANDS

JMA Felt II J1 at NEAR TOKARA ISLANDS. ISC-EH 21 11:34:13.0,29:13N:129:45E, h15km, Error ellipse: s-maj=3.0km s-min=2.2km az=133.0

NEIC 21 11:34:16.5,1.5,29:18N:0'05-129:38E:0'06, h35km,6km, mb4.8/138, Error ellipse: s-maj=8.0km s-min=6.8km az=157.0

ISC 21 11:34:14.2,0.5,29:11N:0'03-129:49E:0'04, h24km,3km, h25km: pP, n382, c1976/316, mb4.7/88, MS4.2/57, 4C-2D, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like JTAJ, JTAJ, JANN, etc.

1615

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like M30M Minto, MAYO Mayo, HHT Haines Junction, etc.

2016 DEC

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details. Includes stations like H17A Grant Village, RLMT Red Lodge, HVU Hazel Valley, etc.

21d 12h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other technical details. Includes stations like California Capetown, KCTM Capetown, KMPM Mount Pierce, etc.

21d 13h

Table listing astronomical observations from 21d 13h, including station names like Catapilo, Tololo Observa, and various observation parameters.

2016 DEC

Table listing astronomical observations for 2016 DEC, including station names like Kangasniemi, FINESS Array, and various observation parameters.

1616

Table listing astronomical observations for 1616, including station names like Plateau Road, Hancock Road, and various observation parameters.

21d 16h

Table with columns: RTV, Repatapo, 0.70 109 P, Pn, 16 08 24.8 +0.3, etc. Includes stations like RTV, Repatapo, LIFUNC, etc.

IDC 21 16:21:37.5, 2.1, 5.82S, 154.16E, h0km, mb3.6/4, m=1.7, ML2.4/2, MS4.0/1, Error ellipse: s-maj=52.2km, s-min=28.8km az=108.0

ISC 21 16:21:43.9, 2.2, 5.75S, 153.9E, 0.3, h35km, n8, 0.090/7, mb3.6/4, New Ireland region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like KRVT, HNR, PMG, WRA, ASAR, MKAR, ZALV, TORD.

DJA 21 16:41:54.0, 1.0, 5.5N, 5.96E, h10km, M3.77, mb3.9/1, MLV3.6/7, Northern Sumatra

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like LHMI, MLSI, KCSI, SNSI, GSI.

BUI 21 16:43:55.9, 0.0, 21.37N, 145.34E, h22km, mb5.7/87, mb6.0/78, Ms6.0/96, Ms5.8/94

NEIC 21 16:43:56.8, 1.8, 21.51N, 0.06:145.41E, 0.08, h8km, 1.1km, mb6.4/626, Ms. 20.6/1426, Mw5.9/81, Mw5.9, Error ellipse: s-maj=13.0km s-min=8.8km az=67.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm

Mn: 1.03, Mbb3.35, Mbb-4.39, Mn3.61, Mbb-1.69, Mbb-5.21; Fault plane solution: Ms7.670000x10^17 NP1.05, 52.670000, 333.730000, 1.71, 680000. NP2.05, 149.610000, 385.390000, 1.56, 550000. Principal axes: T: 7.674, P1g4.000000, Azm29.000000, N: 1.257, P1g3.000000, Azm153.000000; P: 7.5718, P1g32.000000, Azm267.000000

MOS 21 16:43:56.7, 0.9, 21.43N, 145.32E, h22km, mb6.4/90, MS5.9/71 Error ellipse: s-maj=6.9km s-min=3.5km az=114.0

IDC 21 16:43:57.2, 1.4, 21.47N, 145.38E, h14km, 7km, mb5.8/50, mbmp5.8/52, ML4.9/2, MS7.7/83, Error ellipse: s-maj=11.5km s-min=7.4km az=81.0

JMA 21 16:43:58.2, 0.3, 22.1N, 141.6E, h39km, MD6.5/79, MV6.3/79, MARIANA ISLANDS REGION

ISC-EH 21 16:43:58.5, 21.49N, 145.42E, h21km, 1km, Error ellipse: s-maj=1.6km s-min=1.3km az=120.0

GCMT 21 16:44:01.2, 21.35N, 145.60E, h12km, MW5.9/161, Moment Tensor Solution. s131.c264; s161.c479; Duration: 2s2 Moment tensor: Scale 10^19Nm; Mn: 0.45t.01; Mbb0.52t.01; Mbb-0.07t.01; Mbb0.34t.01; Mbb-0.54t.00; Mbb-0.51t.01; Best double couple: Mo0.925000x10^18 NP1.05, 326.000000, 371.000000, 1.61, 0.000000. NP2.05, 486.000000, 334.000000, 1.45, 0.000000. Principal axes: T: 1.0470, P1g21.000000, Azm35.000000; N: -0.2440, P1g27.000000, Azm136.000000; P: -0.8040, P1g54.000000, Azm272.000000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 21 16:44:01.21, 63N, 145.49E, h14km, Moment Tensor Solution. Duration: 666 Moment tensor: Scale 10^17Nm; Mn: 3.04; Ms4.42; Msb-1.39; Ms2.93; Msb-5.31; Msb-5.17; Fault plane solution: Ms8.880000x10^17 NP1.05, 80.000000, 340.000000, 1.52, 0.000000. Principal axes: T: 9.7577, P1g73.000000, Azm36.000000; N: -2.1401, P1g37.000000, Azm144.000000; P: -7.6175, P1g45.000000, Azm281.000000

ISC 21 16:43:58.9, 0.3, 21.49N, 0.03:145.37E, 0.03, h24km, 1km, n24km: pp-P, n2153, t1547/1879, mb6.3/550, MS6.0/373,

2016 DEC

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like JHH2, JHH3, CBIJ, GUMU, etc.

1618

Table with columns: JMN, Monobe, 15.87 323 Pn, Pn, 16 47 40.8 0.0, etc. Includes stations like JMN, Monobe, JTO, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like JOU Okura, JAGN Aguni-jima, JSZ Suzu, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like JTHR Tokachihiro, JNBK Urukawa-nobuka, JYNG Yonagunijimaku, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like PYAG comp=Z,6um,3.2s, PYAG comp=N,57um,16.0s, etc.

21d 16h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TIXI, SWSI, S12K, etc.

2016 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Q17K, ZAAO, ZALV, etc.

1622

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HOM, J20K, J20K, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like F21K, RC01, CUT, BPAW, NIUE, TRF, PMR, H22K, A21K, MLY, GHO, PWL, G22K, KNK, MDOK, MDOK, CHKK, CHKK, MUN, KNDC, TNS5, TNS5, BWN, AAA, AAA, SML, SML, SML, RND, RND, E22K, E22K, WAT1, WAT1, MCK, MCK, MCK, MCK, P23K, P23K, NEA2, NEA2, I23K, I23K, M23K, M23K, NWA0, NWA0, NWA0, NWA0, H23K, H23K, G23K, G23K, KUU, KUU, WAT6, WAT6, COLD, COLD.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like COLD, SCM, SCM, SCM, UHLH, Q23K, WRH, MDM, MDM, DHY, DHY, DHY, D23K, D23K, JHNI, JHNI, CCB, CCB, CCB, TCOL, TCOL, TCOL, COLA, COLA, COLA, COLA, COLA, COLA, COLA, COLA, E23K, E23K, VJD, KSH, KSH, KSH, KSH, TKM2, TKM2, H24K, H24K, H24K, C23K, C23K, TOLK, TOLK, POKR, POKR, POKR, EYAK, EYAK, EYAK, EYAK, M24K, M24K, KLU, KLU, KLU, HDA, HDA, HDA, HDA, DIV, DIV, IL31, IL31, ILAR, ILAR, ILAR, ILAR, ILAR, E24K, E24K, NDI, NDI, G24K, G24K, F24K, F24K, F24K, F24K, K24K, K24K, K24K, K24K, RAO, RAO, PAX, PAX, PAX, BHK, BHK.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like BHK, RAGM, RAGM, HARP, CHMS, C24K, C24K, KAIM, KAIM, KAIM, SGDS, SGDS, BMRM, BMRM, N25K, N25K, N25K, N25K, AAK, AAK, AAK, AAK, AAK, AAK, AAK, J25K, J25K, J25K, UCH, UCH, RKG, PRP, PRP, RIDG, RIDG, RIDG, BTLS, BTLS, BTLS, SUCK, SUCK, BERG, GLB, FYU, BGLO, F25K, F25K, VRDI, MENT, D25K, D25K, D25K, SCRK, SCRK, SCRK, EKS2, OUZ, AULHS, E25K, E25K, AML, AML, MCARA, MCARA, MCARA, WAX, L26K, L26K, L26K, J26L, J26L, J26L, M26K, M26K, M26K, M26K, HYBB, HYBB, HYBB, HYBB, HYBB, JMU, ISLE, F26K, F26K, MESA, MESA, C26K, C26K, C26K.

Table with columns: IUG, comp, elevation, date, time, location, status, and various numerical values. Includes entries like OTUK Ortagu, M27K Channel Edge Creek, AK, etc.

Table with columns: IUG, comp, elevation, date, time, location, status, and various numerical values. Includes entries like IUG comp=Z,153nm,1.2s,baz=308, K29M Barlow Dome, etc.

Table with columns: THZ, comp, elevation, date, time, location, status, and various numerical values. Includes entries like THZ comp=Z,100m,21.0s, TCW Tony Channel, etc.

21d 16h

2016 DEC

1628

Table with columns for station call letters, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station call letters, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station call letters, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns: TEIG, MTE, PVB, etc. and rows of station data including call signs, frequencies, and coordinates.

Table with columns: DBIC, LIC, MBO, etc. and rows of station data including call signs, frequencies, and coordinates.

Table with columns: T1245, T1245, T1245, etc. and rows of station data including call signs, frequencies, and coordinates.

21d 16h

CAMP	comp=N,3275µm,1.0s	AML	AML						
CAMP	comp=E,3105µm,1.2s	AML	AML						
SNTG	Esanatoglia	0.43 353	P	Pg	16 51 42.3	0.0			
SNTG			S	Sg	16 51 49.7	+1.8			
SNTG	comp=E,4570µm,0.6s	AML	AML						
SNTG	comp=N,4550µm,0.7s	AML	AML						
SNTG	comp=N,4890µm,0.7s	AML	AML						
SNTG	comp=N,4550µm,0.7s	AML	AML						
SNTG	comp=E,4560µm,0.6s	AML	AML						
SNTG	comp=E,4570µm,0.6s	AML	AML						
T1247	Pizzolo (AQ)	0.44 152	P	Pg	16 51 42.3	-0.1			
T1247			S	Sb	16 51 49.6	-0.5			
T1247			AML	AML					
T1247	comp=E,8395µm,1.2s	AML	AML						
T1247	comp=N,6695µm,1.1s	AML	AML						
T1247	comp=N,6695µm,0.9s	AML	AML						
T1247	comp=E,8395µm,0.8s	AML	AML						
MNTP	Montappone	0.45 47	↑P	Pb	16 51 43.9	+0.1			
MNTP			AML	AML					
MNTP	comp=N,9060µm,1.2s	AML	AML						
MNTP	comp=E,12200µm,1.6s	AML	AML						
MNTP	comp=N,9060µm,0.8s	AML	AML						
MNTP	comp=E,12200µm,0.4s	AML	AML						
TERO	Teramo	0.48 115	↑P	Pg	16 51 42.9	-0.2			
TERO			AML	AML					
TERO	comp=N,3200µm,0.3s	AML	AML						
TERO	comp=E,2675µm,0.3s	AML	AML						
TERO	comp=N,3310µm,0.3s	AML	AML						
TERO	comp=E,2855µm,0.3s	AML	AML						
FOSV	Fossato di Vic	0.50 338	P	Pg	16 51 43.4	-0.2			
FOSV			AML	AML					
FOSV	comp=E,3225µm,0.8s	AML	AML						
FOSV	comp=E,3230µm,0.8s	AML	AML						
FOSV	comp=N,5295µm,0.4s	AML	AML						
OFFI	Offida	0.50 78	↑P	Pb	16 51 44.7	0.0			
OFFI			AML	AML					
OFFI	comp=E,8795µm,0.8s	AML	AML						
OFFI	comp=N,11750µm,0.6s	AML	AML						
EL6	Elicito	0.50 7	P	Pg	16 51 43.7	0.0			
EL6			S	Sb	16 51 52.3	+0.1			
EL6			AML	AML					
EL6	comp=E,9150µm,0.3s	AML	AML						
EL6	comp=N,12750µm,0.3s	AML	AML						
AQU	L'Aquila	0.55 149	↑P	Pg	16 51 45.0	+0.4			
AQU			AML	AML					
AQU	comp=E,3445µm,1.2s	AML	AML						
AQU	comp=E,3375µm,1.2s	AML	AML						
AQU	comp=N,3200µm,0.8s	AML	AML						
AQU	comp=N,3165µm,0.8s	AML	AML						
AQU	comp=N,3165µm,1.2s	AML	AML						
AQU	comp=N,3200µm,1.2s	AML	AML						
AQU	comp=E,3375µm,0.8s	AML	AML						
AQU	comp=E,3445µm,0.8s	AML	AML						
GIGS	Gran Sasso	0.56 133	P	Pg	16 51 44.2	-0.4			
GIGS			AML	AML					
GIGS	comp=N,668µm,1.4s	AML	AML						
GIGS	comp=E,704µm,0.8s	AML	AML						
GIGS	comp=N,667µm,1.4s	AML	AML						
GIGS	comp=E,704µm,1.2s	AML	AML						
GIGS	comp=N,667µm,0.6s	AML	AML						
CING	Cingoli	0.56 13	↑P	Pg	16 51 44.8	+0.1			
CING			AML	AML					
CING	comp=E,4920µm,1.4s	AML	AML						
CING	comp=N,6260µm,0.4s	AML	AML						
CING	comp=E,4920µm,0.6s	AML	AML						
CING	comp=N,6260µm,1.6s	AML	AML						
MURB	Monte Urbino	0.56 320	↑P	Pg	16 51 44.7	-0.1			
MURB			S	Sb	16 51 55.0	+1.1			
MURB			AML	AML					
MURB	comp=N,5665µm,0.3s	AML	AML						
MURB	comp=N,5880µm,0.4s	AML	AML						
MURB	comp=E,6530µm,0.4s	AML	AML						
MURB	comp=N,5670µm,0.3s	AML	AML						
MURB	comp=E,6975µm,0.4s	AML	AML						
FIAM	Fiamignano	0.56 172	↑P	Pg	16 51 44.3	-0.4			
FIAM			S	Sb	16 51 53.8	-0.1			
FIAM			AML	AML					
FIAM	comp=N,2920µm,1.0s	AML	AML						
FIAM	comp=E,3035µm,1.1s	AML	AML						
FIAM	comp=E,3035µm,0.9s	AML	AML						
ATTE	AVT- Monte Tez	0.61 307	↑P	Pg	16 51 45.6	0.0			
ATTE			AML	AML					
ATTE	comp=E,1400µm,0.7s	AML	AML						
ATTE	comp=N,976µm,0.4s	AML	AML						
ATFO	Monte Focce - G	0.63 329	↑P	Pg	16 51 46.0	+0.1			
ATFO			S	Sg	16 51 56.5	+2.2			
ATFO			AML	AML					
ATFO	comp=E,2370µm,1.1s	AML	AML						
ATFO	comp=E,2370µm,0.9s	AML	AML						
ATFO	comp=N,1960µm,0.5s	AML	AML						
SSFR	Montelago di S	0.63 344	↑P	Pg	16 51 46.1	+0.1			
SSFR			S	Sb	16 51 57.4	+1.7			
SSFR			AML	AML					
SSFR	comp=E,6970µm,0.3s	AML	AML						
SSFR	comp=N,4550µm,0.2s	AML	AML						
SSFR	comp=E,6600µm,0.2s	AML	AML						
SSFR	comp=N,4370µm,1.1s	AML	AML						
TRTR	Tortoreto Alta	0.66 91	↑P	Pb	16 51 47.9	+0.6			
TRTR			AML	AML					
TRTR	comp=N,10535µm,0.4s	AML	AML						
TRTR	comp=E,10550µm,1.1s	AML	AML						
MGAB	Montegabbione	0.67 278	↑P	Pg	16 51 46.6	-0.1			
MGAB			S	Sg					
MGAB			AML	AML					
MGAB	comp=E,2885µm,0.4s	AML	AML						
MGAB	comp=N,2335µm,1.2s	AML	AML						
MGAB	comp=E,3215µm,1.6s	AML	AML						
MGAB	comp=N,2055µm,0.5s	AML	AML						
MGAB	comp=N,2335µm,0.8s	AML	AML						
MGAB	comp=E,3215µm,0.4s	AML	AML						
ARVD	Arcevia	0.67 355	S	Sb	16 51 57.6	+0.7			
ARVD			AML	AML					
ARVD	comp=E,1950µm,1.0s								

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ARVD	comp=N,1280µm,0.8s	AML	AML						
ARVD	comp=N,1280µm,1.2s	AML	AML						
PP3	Marolino	0.70 38	↑P	Pb	16 51 48.6	+0.6			
PP3			AML	AML					
PP3	comp=N,8475µm,0.3s	AML	AML						
PP3	comp=N,8275µm,0.3s	AML	AML						
PP3	comp=E,8750µm,0.5s	AML	AML						
PP3	comp=N,8470µm,0.3s	AML	AML						
PP3	comp=N,8275µm,1.7s	AML	AML						
PP3	comp=N,8470µm,1.7s	AML	AML						
PP3	comp=E,8735µm,0.5s	AML	AML						
FAGN	Fagnano	0.70 143	↑P	Pg	16 51 47.3	-0.1			
FAGN			AML	AML					
FAGN	comp=E,5630µm,0.5s	AML	AML						
FAGN	comp=N,3550µm,1.6s	AML	AML						
FAGN	comp=N,3550µm,0.4s	AML	AML						
ATVO	AVT- Monte Vai	0.71 321	↑P	Pg	16 51 47.1	-0.4			
ATVO			AML	AML					
ATVO	comp=E,1324µm,0.5s	AML	AML						
ATVO	comp=N,1695µm,0.6s	AML	AML						
ATVO	comp=N,1695µm,1.4s	AML	AML						
FRON	Frontone	0.72 343	↑P	Pg	16 51 47.3	-0.4			
FRON			AML	AML					
FRON	comp=E,1830µm,0.7s	AML	AML						
FRON	comp=N,2075µm,0.4s	AML	AML						
FRON	comp=E,1830µm,1.3s	AML	AML						
ATMI	Monte Miggiano	0.75 313	↑P	Pg	16 51 49.2	+1.0			
ATMI			AML	AML					
ATMI	comp=E,2925µm,0.4s	AML	AML						
ATMI	comp=N,3810µm,0.7s	AML	AML						
ATMI	comp=N,3810µm,1.3s	AML	AML						
VCEL	Villa Celiera	0.75 125	↑P	Pg	16 51 48.3	+0.1			
VCEL			AML	AML					
VCEL	comp=N,2620µm,1.0s	AML	AML						
VCEL	comp=N,2625µm,1.0s	AML	AML						
VCEL	comp=E,2965µm,0.4s	AML	AML						
ATPI	Pietralunga -	0.77 324	↑P	Pg	16 51 48.2	-0.4			
ATPI			AML	AML					
ATPI	comp=E,1415µm,0.5s	AML	AML						
ATPI	comp=N,1425µm,0.5s	AML	AML						
ATPI	comp=N,1425µm,1.5s	AML	AML						
PIEI	Pieia	0.79 334	↑P	Pg	16 51 48.5	-0.6			
PIEI			AML	AML					
PIEI	comp=E,1000µm,0.5s	AML	AML						
PIEI	comp=E,1000µm,1.5s	AML	AML						
PIEI	comp=N,1048µm,1.0s	AML	AML						
SACS	San Casciano d	0.81 272	↑P	Pb	16 51 51.8	+1.8			
MPAG	Monte Paganucc	0.82 347	↑P	Pg	16 51 48.9	-0.8			
MPAG			S	Sb	16 52 03.4	+2.2			
MPAG			AML	AML					
MPAG	comp=N,1545µm,0.8s	AML	AML						
MPAG	comp=E,1855µm,0.5s	AML	AML						
MPAG	comp=N,1545µm,1.2s	AML	AML						
T0110	Collepietro	0.82 137	↑P	Pg	16 51 49.2	-0.4			
T0110			AML	AML					
T0110	comp=E,2970µm,0.4s	AML	AML						
T0110	comp=N,2145µm,1.3s	AML	AML						
T0110	comp=N,2145µm,0.7s	AML	AML						
AOI	Ancona	0.84 31	P	Pb	16 51 51.0	+0.7			
AOI			S	Sb	16 52 04.5	+0.5			
AOI			AML	AML					
AOI	comp=E,2500µm,0.5s	AML	AML						
AOI	comp=N,2205µm,0.5s	AML	AML						
AOI	comp=N,2205µm,1.5s	AML	AML						
APEC	Apecchio	0.85 329	↑P	Pg	16 51 50.5	+0.3			
APEC			AML	AML					
APEC	comp=E,1380µm,1.3s	AML	AML						
APEC	comp=N,1335µm,0.6s	AML	AML						
APEC	comp=E,1								

NAO 21 17:12:12.4e 1.4, 67.65N:33.68E, ML2.3
HEL 21 17:12:12.1e 0.1, 67.62N:33.79E, h0km, ML1.6, Explosion
BER 21 17:12:08.2e 0.9, 67.23N:34.23E, h0km, ML1.8,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like APZ9 Apacity, APZ9 Apacity Array, APA0 baz=77, slow=37, etc.

ICD 21 17:22:48.2e 1.1, 6.26S: 153.65E, h0km, mb3.6/6,
mbtmp3.7/8, ML2.5/2, Error ellipse: s-maj=30.3km
s-min=21.8km az=102.0

ISC 21 17:22:53.4e 1.0, 6.23S: 0.08e:153.7E:0.1, h35km, n10,
e0592/12, mb3.5/6, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), PMG Port Moresby, WRA Warramunga Arr, etc.

ICD 21 17:42:03.4e 1.9, 5.64S: 154.08E, h0km, mb3.7/5,
mbtmp3.7/6, ML3.4/1, Error ellipse: s-maj=51.1km
s-min=30.3km az=95.0

ISC 21 17:42:13.6e 1.1, 5.83S: 0.2e:153.9E:0.2, h74km, n10,
e0578/8, mb3.5/8, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), WRA Warramunga Arr, ASAR Alice Springs, etc.

ICD 21 17:49:51.2e 4.5, 6.05S: 153.43E, h52km, 34km, mb3.5/8,
mbtmp3.8/9, ML3.5/1, Error ellipse: s-maj=41.2km
s-min=17.7km az=91.0

ISC 21 17:49:48.5e 1.0, 5.95S: 0.09e:153.7E:0.1, h32km, n15,
e139/13, mb3.8/8, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), PMG Port Moresby, CTA Charters Tower, etc.

ICD 21 17:52:21.4e 1.5, 22.87S: 175.19W, h0km, mb4.4/12,
mbtmp4.4/12, MS3.9/2, Error ellipse: s-maj=58.7km
s-min=19.9km az=152.0

ISC-EH 21 17:52:27.1, 22.87S: 175.31W, h35km, Error ellipse:
s-maj=15.7km s-min=10.5km az=156.0

NEIC 21 17:53:22.1e 1.7, 22.45S: 0.2e:178.5W:0.2, h385km, 13km,
mb4.3/17, Error ellipse: s-maj=31.4km s-min=23.0km
az=161.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSFV Nonsavu, MSFV Nonsavu, AFI Afiamalu, etc.

ICD 21 17:52:27.0e 2.0, 22.25S: 175.4W:0.1, h35km, n52,
e2544/48, mb4.8/20, Tonga Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSFV Nonsavu, AFI Afiamalu, RAR Rarotonga, etc.

ICD 21 19:17:32.3e 3.3, 20.45S: 176.08W, h0km, mb3.5/3,
mbtmp3.4/3, Error ellipse: s-maj=193.8km
s-min=55.3km az=155.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, CMAR Chiang Mai Arr, etc.

KHC Kasperske Hory 152.24 347 ePKP PKPab 18 12 318 +2.8
CKRC Cesky Krumlov 152.37 346 ePKP PKPab 18 12 309 +1.4

NEIC 21 18:00:54.1e 1.6, 17.90N: 0.06e: 76.51W: 0.04, h10km, 2km,
ML4.3/2, Error ellipse: s-maj=10.7km s-min=3.4km
az=208.0
OSPL 21 18:00:56.2e 1.1, 18.06N: 76.86W, h124km, 18km, ML3.4
SSNC 21 18:00:57.7e 1.4, 17.97N: 76.51W, h3km, 9km, MD3.1,
ML3.0, MW3.0

ISC 21 18:00:59.5e 2.3, 17.93N: 76.64W, h2km, 12km, MD3.7
JN 21 18:00:55.9e 1.1, 17.89N: 0.06e: 76.52W: 0.04, h28km, 9km,
n30, e1313/40, 6C-1D, Jamaica region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HOJ Hope, GWH Greenwich, GTH Stony Hill, etc.

ICD 21 19:17:24.4e 1.3, 20.77N: 144.91E, h0km, mb3.6/7,
mbtmp3.6/7, Error ellipse: s-maj=42.3km s-min=23.3km
az=93.0

ISC 21 19:17:36.4e 1.3, 20.70N: 0.2e: 144.9E: 0.3, h100km, n13,
e0547/7, mb3.6/7, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, CMAR Chiang Mai Arr, etc.

ICD 21 19:17:24.4e 1.3, 20.77N: 144.91E, h0km, mb3.6/7,
mbtmp3.6/7, Error ellipse: s-maj=42.3km s-min=23.3km
az=93.0

ISC 21 19:17:36.4e 1.3, 20.70N: 0.2e: 144.9E: 0.3, h100km, n13,
e0547/7, mb3.6/7, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H11S3 WAKE ISLAND Hy 20.66, H11S1 WAKE ISLAND Hy 20.67, etc.

NOU 21 19:23:11.1, 43.51S: 172.56E, h0km, ML4.0/6, South
Island, New Zealand

WEL 21 19:23:27.4e 0.4, 42.3S: 177.4E, h8km, 3km, M3.1/13,
ML3.3/13, MLv3.1/13, Error ellipse: s-maj=0.0km
s-min=0.0km az=126.8, confirmed

ISC 21 19:23:25.3e 0.9, 42.07S: 0.03e: 173.80E: 0.03, h17km, n67,
e125/70, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BSWZ Blackbirch Sta, KHZ Kahutara, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PLWZ, TKNZ, DUWZ, etc.

IDC 21 20:08:01.1, 4.2, 21.09N-143.87E, h0km, mb3.4/4, mbtmp3.4/4, MS3.6/1, Error ellipse: s-maj=61.3km s-min=32.9km az=106.0, Bougainville Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like H11N1, H11S3, H11N2, etc.

IDC 21 20:12:10.7, 2.1, 5.80S: 153.92E, h0km, mb3.8/5, mbtmp3.8/7, ML 1.9/1, Error ellipse: s-maj=55.9km s-min=27.0km az=107.0

ISC 21 20:12:19.6, 1.5, 5.71S: 0.09:153.5E:0.2, h50km, n8, o95N/10, mb3.9/5, New Ireland region

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

NEIC 21 20:21:41.7, 0.3, 25.1S: 0.2:178.6E:0.1, h604km, 14km, mb4.2/10, Error ellipse: s-maj=31.4km s-min=13.2km az=195.0

IDC 21 20:21:43.2, 16.0, 24.93S: 178.49E, h622km, 133km, mb2.8/3, mbtmp4.0/4, Error ellipse: s-maj=268.9km s-min=68.8km az=146.0

ISC 21 20:21:40.2, 0.9, 25.2S: 0.2:178.6E:0.1, h579km, n20, o121/20, mb4.1/8, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MARNC, QUENC, DZM, etc.

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Table with columns: WBO, WRA, MTN, KNRA, VNSA, OSFA, NB2, NOA. Lists stations like Warramunga Arr, Manton Dam, etc.

IDC 21 20:24:29.3, 2.5, 5.55S: 153.12E, h0km, mb3.1/2, mbtmp3.2/2, MS3.1/1, Error ellipse: s-maj=64.4km s-min=25.6km az=76.0, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KRVT, KRVT, WRA, etc.

NEIC 21 20:27:09.0, 1.5, 5.4S: 0.1:154.5E:0.1, h130km, 9km, mb4.4/22, Error ellipse: s-maj=21.9km s-min=14.7km az=210.0

IDC 21 20:27:08.2, 5.8, 5.63S: 154.35E, h12km, 24km, mb3.5/9, mbtmp4.0/11, Error ellipse: s-maj=24.3km s-min=17.3km az=80.0

ISC 21 20:27:08.4, 0.6, 5.52S: 0.07:154.38E:0.08, h118km, n42, o95N/41, mb3.9/16, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like RABL, KRVT, PMG, etc.

IDC 21 20:27:04.3, 2.4, 7.47N: 153.37E, h0km, mb3.5/4, mbtmp3.4/5, ML3.3/1, Error ellipse: s-maj=113.0km s-min=25.2km az=65.0, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WRA, WRA, ARMA, etc.

IDC 21 21:04:27.0, 3.2, 4.74N: 95.37E, h0km, mb3.5/4, mbtmp3.4/5, ML3.3/1, Error ellipse: s-maj=113.0km s-min=25.2km az=65.0, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMAR, HNR, HNR, etc.

IDC 21 20:30:04.3, 1.8, 5.97S: 154.12E, h0km, mb3.6/4, mbtmp3.6/5, ML3.1/1, Error ellipse: s-maj=46.8km s-min=31.2km az=83.0

ISC 21 20:30:12.0, 1.7, 6.0S: 0.2:153.8E:0.3, h48km, n9, o938/7, mb3.5/4, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KRVT, KRVT, WRA, etc.

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Table with columns: H11S3, H11S2, H11S1, VNDA, MKAR, TORD. Lists stations like WAKE ISLAND Hy, WAKE ISLAND Hy, etc.

IDC 21 20:56:16.6, 2.4, 5.52S: 153.42E, h0km, mb3.2/3, mbtmp3.2/3, Error ellipse: s-maj=50.3km s-min=27.3km az=76.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KRVT, KRVT, WRA, etc.

IDC 21 21:02:17.5, 5.0, 13.36N: 90.85W, h0km, mb3.6/1, mbtmp3.3/3, ML3.5/2, Error ellipse: s-maj=340.4km s-min=56.7km az=41.0

SNET 21 21:02:22.9, 0.9, 13.48N: 90.87W, h14km, 5km, ML3.9 GCG 21 21:02:30.9, 0.3, 14.60N: 90.91W, h58km, 8km, MD3.9

ISC 21 21:02:23.5, 1.2, 13.63N: 0.08:90.93W:0.05, h29km, n17, o127/22, 1D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FUG, FUG, PACYA, etc.

IDC 21 21:04:27.0, 3.2, 4.74N: 95.37E, h0km, mb3.5/4, mbtmp3.4/5, ML3.3/1, Error ellipse: s-maj=113.0km s-min=25.2km az=65.0, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMAR, H08S2, H08S3, etc.

IDC 21 21:05:03.0, 1.6, 10.38S: 160.59E, h0km, mb3.7/7, mbtmp3.8/8, ML3.9/1, MS3.4/8, Error ellipse: s-maj=37.6km s-min=20.0km az=93.0

NEIC 21 21:05:46.0, 6.0, 10.3S: 0.1:160.8E:0.1, h13km, 6km, mb4.1/9, Error ellipse: s-maj=24.4km s-min=7.0km az=56.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like HNR, HNR, KOUNC, etc.

IDC 21 21:10:58.4, 0.9, 10.43S: 0.08:160.6E:0.1, h42km, n24, o1505/21, mb3.8/9, MS3.2/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like HNR, HNR, KOUNC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KBK Karagaybulak, CHMS Chumysh, USP Osenovka, and others.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, ZALV Zalesovo Beam, GEYT Alibeck, and others.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MARNC Mare, Loyalty, AUBSH Beerwah State, GUMO Guam, and others.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRVT Keravat, WRA Warramunga Arr, and others.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CTA Charters Tower, SRPI Serui, and others.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RTZ Ruatahun, KKM Kota Kinabalu, and others.

Table with columns: PCJ, Pacitan, 42.16 264, P, P, 23 35 27.6 +1.0, etc. Lists various astronomical objects and their properties.

Table with columns: HEH, HeiHe, 60.20 341, eP, P, 23 37 40.3 -1.0, etc. Lists various astronomical objects and their properties.

Table with columns: MAKZ, ZAAO, 82.37 326, P, P, 23 39 54.3 -0.9, etc. Lists various astronomical objects and their properties.

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Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Eureka, Gaotai, Zalesovo Beam, Yellowknife Ar, etc.

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Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Black Hills, San Rafael Swe, Fines Array B, etc.

22d 0h

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Wattenberg, Moosalm, Obkir, etc.

ROM 22 00:04:40.9-0.1, 42.826N, 0.004x13.238E±0.006, h14km±1km, MLI.2/1, 1C-2D, Error ellipse: s-maj=0.5km s-min=0.3km az=49.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Castelsantange, Monte Carmine, etc.

IDC 22 00:25:52.8, 0.8, 5:47S, 153.18E, h0km, mb4.0/11, mba=0.13, MLI.3/1/2, MS3.22, Error ellipse: s-maj=24.3km s-min=15.4km az=72.0, NEIC 22 00:25:55.8, 2.6, 5:58S, 0.04x153.0E±0.1, h10km±1km, mb4.3/11, Error ellipse: s-maj=17.1km s-min=7.2km az=90.0

ISC 22 00:25:58.9-0.6, 5:59S, 0.06x153.0E±0.1, h37km±n34, a126/36, mb4.1/14, New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Kravat, Rabaul, Port Moresby, etc.

22d 0h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WVDA, M19K, J20K, IMAR, MKAR, etc.

NEIC 22 00:36:22.0-2.0, 16:95N, 0:06:95E, 14V, 0:05, h117km, 8km, mb4.2/33, Md4.2/34(MEX), Error ellipse: s-maj=9.3km s-min=6.8km az=193.0

MEX 22 00:36:22.0-2.0, 17:09N, 95:11W, h112km, 4km, MD4.1

ISC 22 00:36:20.6-0.7, 17:10N, 0:04:15W, 0:03, h114km, 6km, n71, i=127/98, mb4.2/10, Oaxaca

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations including CMIG, M19K, J20K, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CCM, R40A, WCI, etc.

NEIC 22 00:43:43.9-1.3, 15:93S, 0:08:173.3W, 0:1, h33km, 6km, mb4.4/16, Error ellipse: s-maj=18.1km s-min=10.9km

IDC 22 00:43:44.3-3.4, 15:86S, 173:43W, h40km, 30km, mb3.9/9, mbmp4.1/10, ML4.3/1, MS3.3/3, Error ellipse: s-maj=45.2km s-min=15.2km az=139.0

NOU 22 00:44:04.1, 14:59S, 172:24W, h93km, MLv3.8/5, Samoa Islands

ISC 22 00:43:30.6, 15:92S, 0:07:173.26W, 0:09, h35km, n35, i=120/35, mb4.3/16, Tonga Islands

Main station list table for the 2016 DEC section with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like AFI, AFJ, etc.

DJA 22 00:56:01.8-0.4, 5:4, 15:4E, h117km, 2km, M4, 7/27, mB5.1/4, mb4.8/27, MLv4.7/1, Mw(mB)4.4/4

IDC 22 00:56:02.6-2.8, 4:78S, 153:86E, h103km, 21km, mb4.0/15, mbmp4.4/16, Error ellipse: s-maj=26.7km s-min=13.7km az=93.0

NEIC 22 00:56:04.0, 1:4, 4:72S, 0:08:153.75E, 0:09, h108km, 4km, mb4.4/29, Error ellipse: s-maj=13.8km s-min=10.5km az=63.0

ISC-EH 22 00:56:04.9, 4:77S, 153:72E, h119km, 3km, Error ellipse: s-maj=7.7km s-min=4.5km az=101.0

ISC 22 00:56:02.6-0.5, 4:72S, 0:06:153.82E, 0:08, h100km, n103, i=130/104, mb4.5/51, ID, New Ireland region

Main station list table for the 2016 DEC section with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like RABL, RAB, etc.

1640

Main station list table for the 1640 section with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like RK1H, GD1S, etc.

22d 2h

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZOU, ATTE, VARE, RISI, DAVOX, FETA, ATCC, SOTA, WTTA, MYKA, WATA, MOTA, DAVA, LJU, RETA, KBA, OBKA, SAOF, T1247, PGF, TURF, ESCA, SOKA, BIOA, MVIF, SURF, OGS1, JAUF, MOA, FELD, BOURR, ARSA, KIZ, GIMEL, ORIF, VOGT, CABF, OG35, HINF.

2016 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like RONF, ECH, CONA, CKRC, WLS, CDF, RONA, KHC, HAU, VIVF, SSB, PAGF, NKC, MODS, SFTF, SFTF, LASF, SMF, MEZF, MEZF, SAVF, LOR, LOR, LOR, AVF, AVF, BGF, BGF, BRG, BRG, BRG, VYHS, DPC, HYF, TCF, CAF, CAF, MTLF, RJF, MDD, CNRM, SFS.

1644

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ECAB, EMIN, EMIN, EMIN, EGRO, EGRO, EGRO, PSIM, EBAD, EBAD, MOS, ISC, KSMR, KSMR, AKT, AKT, URKR, URKR, KMKR, KMKR, MAK, MAK, GNRB, GNRB, ARKR, ARKR, BUJR, BUJR, KRNR, KRNR, KRNR, KRNR, UNCR, UNCR, XNZR, XNZR, DBC, DBC, DBC, DBC, LGD, LGD, DLMR, DLMR, BTLR, BTLR, BTLR, BTLR, DVE, DVE, GROC, GROC, GROC, GROC, PMSH, PMSH, GUDG, GUDG, BTKR, BTKR, DMNI, DMNI, DMNI, DMNI, TRLG, TRLG, ARNR, ARNR, ARNR, ARNR, KORR, KORR, KORR, KORR, ZEI, ZEI, BRNG, BRNG, STDR, STDR, STDR, STDR, LSNR, LSNR, LSNR, LSNR, DIGR, DIGR, DIGR, DIGR, ONI, ONI, NEY, NEY, NEY, NEY, KBZ, KBZ, SHAI, SHAI, SHAI, SHAI, ALER, ALER, ALER, ALER, AKTO, AKTO, AKTO, AKTO, AB31, AB31, AB31, AB31, KKC3, KKC3, KKC3, KKC3, WEL, WEL, WEL, WEL, NOU, NOU, NOU, NOU, ISC, ISC, ISC, ISC, BSWS, BSWS, BSWS, BSWS, TUWZ, TUWZ, TUWZ, TUWZ, CMWZ, CMWZ, CMWZ, CMWZ, NNZ, NNZ, NNZ, NNZ, THZ, THZ, THZ, THZ, TCW, TCW, TCW, TCW, KHZ, KHZ, KHZ, KHZ, MRNZ, MRNZ, MRNZ, MRNZ, SNZO, SNZO, SNZO, SNZO, FWK, FWK, FWK, FWK, DUWZ, DUWZ, DUWZ, DUWZ, PLWZ, PLWZ, PLWZ, PLWZ, CAW, CAW, CAW, CAW, KIWI, KIWI, KIWI, KIWI, QRZ, QRZ, QRZ, QRZ, GRZ, GRZ, GRZ, GRZ, GVZ, GVZ, GVZ, GVZ, OGWZ, OGWZ, OGWZ, OGWZ, MTW, MTW, MTW, MTW, DSZ, DSZ, DSZ, DSZ, KRWZ, KRWZ, KRWZ, KRWZ, LTZ, LTZ, LTZ, LTZ, HOWZ, HOWZ, HOWZ, HOWZ, AMCZ, AMCZ, AMCZ, AMCZ, TMWZ, TMWZ, TMWZ, TMWZ, MRZ, MRZ, MRZ, MRZ, POWZ, POWZ, POWZ, POWZ, ORXZ, ORXZ, ORXZ, ORXZ, OXWZ, OXWZ, OXWZ, OXWZ, OKCZ, OKCZ, OKCZ, OKCZ, MOZ, MOZ, MOZ, MOZ, BFZ, BFZ, BFZ, BFZ, WAZ, WAZ, WAZ, WAZ, AKCZ, AKCZ, AKCZ, AKCZ, LREZ, LREZ, LREZ, LREZ, DVHZ, DVHZ, DVHZ, DVHZ, TSZ, TSZ, TSZ, TSZ.

Table with columns: MHCZ, KHEZ, KHZH, etc. and rows listing station names, coordinates, and other technical details.

BUI 22:02:23.25.8.0.0.5.67S.154.91E.h11km,mb5.1/30, mB5.4/15

NEIC 22:02:26.8.1.6.6.31S:0.05:154.31E:0.08.h10km,1km, mb4.0/72,Error ellipse: s-maj=15.9km s-min=4.0km

ISC-EH 22:02:23.26.7.6.38S:154.43E.h15km,Error ellipse: s-maj=5.2km s-min=4.6km az=165.0

DJA 22:02:23.29.2.0.9.6.3S:3.15.5E. h34km,77m,M5.0/26, mB5.3/7,mb4.8/26,MLV5.4/2,Mw(mB)4.7/7

IDC 22:02:23.32.7.2.0.6.38S:154.30E.h62km,16km,mb4.3/20, mb2mp4.6/24,MS4.1/15,Error ellipse: s-maj=17.1km

GCMT 22:02:23.32.8.0.3.6.48S:0.03:154.44E:0.03.h26km,1km, MW5.1/62,Moment Tensor Solution, s33,c37; s62,c75;

ISC 22:02:23.31.0.4.6.43S:0.06:154.36E:0.06.h48km,n142, c118/133,mb4.8/67,MS4.0/14,3C-1D,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Rabaul, Keravat, etc.

Main table with columns: KAPI, MPPI, RPZ, JOW, NWAO, YULB, etc. and rows listing station names, coordinates, and other technical details.

Table with columns: YERR, LHV, RYN, NVAR, etc. and rows listing station names, coordinates, and other technical details.

22d 3h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, GTA Gaotai, WRKA Warakurna, etc.

2016 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZEA, MULG, KOLN, DANN, KMBL, ZAK, etc.

1648

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KPKS Kokpek, SATY Saty, BRAT Ballarat, DZM, etc.

1649

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes entries like BILB Bilibino, NORI Nori'sk, GEYT Alibeck, etc.

2016 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes entries like CAST Castle Rocks, ZEI Tsey, I2IK Tanana, etc.

22d 3h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes entries like E25K Arctic Village, F25K Christian River, VSR Storozevoye, etc.

22d 3h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BR131 Keskin Array S, BRTR Keskin Array B, and many others.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like SIRR Siria, NOARSAR Subarra, and many others.

1650

Table with columns for station name, frequency, power, and other technical details. Includes stations like PCVE eSn, PNCL Nicolau / Gran, and many others.

MDD 22 03:04:59.2 ± 1.0, 361°65N-91°86W, h13km, 6km, mb_Lg2.6/9, Error ellipse: s-maj=9.0km s-min=6.4km az=33.0

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PVFI Vila Bisbo, PVFI Vila Bisbo, and others.

IDC 22 03:05:39.1 ± 0.8, 11°55'N-125°81'E, h0km, mb4.3/13, mbmp4.3/13, MS4.3/1, Error ellipse: s-maj=42.0km s-min=19.2km az=64.0

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RCP Roxas, RCP Roxas, and others.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Devils Point, LIFOC, Mare, Loyalty, Koumac, New Ca, etc.

IDD 22 03:17:45.3,3.3,5.55S:153.59E,h54km,26km,mb3.6/5, mbtmp3.9/5, Error ellipse: s-maj=40.1km s-min=18.8km az=58.0

ISC 22 03:17:44.5,1.2,5.75E:0.1,153.6E:0.1,h43km,n8, @112/10,mb3.7/4,NW Ireland region

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

IDD 22 03:22:51.0,1.6,0.41N:124.54E,h0km,mb3.9/4, mbtmp3.9/5,ML3.9/1, Error ellipse: s-maj=54.6km s-min=25.2km az=62.0

DJA 22 03:23:05.2,0.3,0.54S:122.4E,h57km,24km,ML2/12, mb4.1/6,mb5.3/1,MLV4.3/12,WM(mB)4.7/1

ISC 22 03:23:03.6,1.1,1.009S:0.09:124.00E:0.06,h110km,n15, @118/13,mb3.7/4,MNZhaz Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Luwuk, Marisa, Ampana, Sanana, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Mapaga, Namlea, Sidrap Palu, etc.

VAO 22 03:24:10.9,0.8,17.86S:69.64W,h107km,8km,mb4.1, NEIC 22 03:24:12.0,1.8,17.93S:0.05:69.74W:0.07,h125km,3km, mb4.5/26,ML4.2(GUC), Error ellipse: s-maj=9.8km s-min=6.5km az=118.0

ISC-EH 22 03:24:12.0,1.7,94S:69.62W,h120km,1km, Error ellipse: s-maj=9.9km s-min=3.1km az=78.0

IDD 22 03:24:13.8,1.6,17.93S:69.43W,h133km,14km,mb3.6/12, mbtmp4.1/16,MS1.9/1, Error ellipse: s-maj=18.2km s-min=15.1km az=87.0

GUC 22 03:24:13.1,0.8,17.93S:69.63W,h117km,4km,ML4.2, ISC 22 03:24:11.5,0.5,17.93S:0.04:69.69W:0.05,h121km,5km,n145,@154/115,mb4.3/19,7C-4D,Peru-Bolivia border region

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

IDD 22 03:17:45.3,3.3,5.55S:153.59E,h54km,26km,mb3.6/5, mbtmp3.9/5, Error ellipse: s-maj=40.1km s-min=18.8km az=58.0

ISC 22 03:17:44.5,1.2,5.75E:0.1,153.6E:0.1,h43km,n8, @112/10,mb3.7/4,NW Ireland region

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

IDD 22 03:22:51.0,1.6,0.41N:124.54E,h0km,mb3.9/4, mbtmp3.9/5,ML3.9/1, Error ellipse: s-maj=54.6km s-min=25.2km az=62.0

DJA 22 03:23:05.2,0.3,0.54S:122.4E,h57km,24km,ML2/12, mb4.1/6,mb5.3/1,MLV4.3/12,WM(mB)4.7/1

ISC 22 03:23:03.6,1.1,1.009S:0.09:124.00E:0.06,h110km,n15, @118/13,mb3.7/4,MNZhaz Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Luwuk, Marisa, Ampana, Sanana, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Rio Verde, Villa Florida, Manacapuru-AM, etc.

MAN 22 03:26:03.4,11.59N:125.82E,h19km,mb3.9,ML2.6, MS2.1,Samar

IDD 22 03:42:19.5,1.4,10.04S:160.97E,h0km,mb3.6/5, mbtmp3.6/ML4.1/1, Error ellipse: s-maj=28.8km s-min=24.0km az=168.0

ISC 22 03:42:26.6,1.2,10.05S:0.1:160.8E:0.1,h50km,n7, @119/18,mb3.4/5,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Luwuk, Marisa, Ampana, Sanana, etc.

22d 4h

Table with columns: HNR, Honiara, 1.06 305 Pn, Pn, 03 42 43.6 -1.4, etc.

NEIC 22 03:42:49.8±1.1, 41°05'N, 02°127'20.0"E, h1, h9km, 6km, ML3.1/34, Md2.9(NC3D), Error ellipse: s-maj=14.6km s-min=2.4km az=89.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

2016 DEC

Table with columns: MKAR, Malakanchi Array, 82.17 319 P, P, 03 56 37.6 +0.6, etc.

SJA 22 03:52:57.6±0.8, 23°39'S, 66°81'W, h220km±7km, ML4.1, Mw4.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

1652

Table with columns: SNA, Sanae, 59.35 161 P, P, 04 02 40.6 +1.7, etc.

IDC 22 04:15:55.7±3.6, 6°88'S, 153°43'E, h52km±36km, mb2.8/2, mbmtp3.6/4, ML3.7/2, Error ellipse: s-maj=40.1km s-min=23.4km az=72.0, New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

SOME 22 04:54:53.6±4.4, 10°N, 84°20'E, h15km, NNC 22 04:54:56.5±1.5, 44°20'N, 84°05'E, h4km±7km, mb3.9

mpv3.6, Error ellipse: s-maj=12.1km s-min=5.4km

az=126.0
ISC 22 04:54:56.0-1.8, 44.20N, 0.07-84.11E, 0.08h, 110km, n34,
c251/53, 6C-5D, Northern Xinjiang

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MK31 Makanchi Array, MK31 Shalkoke, MK31 Zaisan, etc.

ISC 22 04:58:08.1+1.6, 10.68S, 161.37E, h0km, mb3.8/6,
mbtmp3.8/6, MS3.1/2, Error ellipse: s-maj=43.8km
s-min=27.5km az=137.0

ISC 22 04:58:17.6+1.2, 10.55S, 0.2x161.0E, 0.2, h62km, n8,
c124/8, mb3.7/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, HNR Kurchatov Arra, etc.

1.6nm, 1.0s, baz=76, slow=5.5, SNR=7.0
1.6nm, 1.0s

ASAR Alice Springs 29.01 240 P P 05 04 11.4 -0.5
0.6nm, 0.8s, baz=67, slow=5.0, SNR=4.7
0.6nm, 0.8s

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM Songoing Array, ILAR Eielson Array, MKAR Makanchi Array, YKA Yellowknife Arr, etc.

ISC 22 05:00:21.2+2.8, 38.01N, 142.33E, h0km, mb3.4/2,
mbtmp3.3/3, ML2.4/1, Error ellipse: s-maj=48.7km
s-min=42.7km az=48.0

JMA 22 05:00:31.7+0.1, 37.8N, 0.2x141.8E, 0.4, h50km, MV3.7/38,
E OFF FUKUSHIMA PREF

ISC 22 05:00:30.6+1.7, 37.75N, 0.07x141.8E, 0.1, h52km, 13km,
n22, c09/26, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JIKH Ishinomakikubu, JIKH Minamisoumatoc, etc.

H112 WAKE ISLAND Hy 28.25 122 T 05 36 38.2
baz=315, slow=75, SNR=4.3

H11N1 WAKE ISLAND Hy 28.25 123 T 05 36 38.9
baz=315, slow=75, SNR=6.5

H11N3 WAKE ISLAND Hy 28.27 122 T 05 36 39.7
baz=315, slow=75, SNR=7.0

H11S1 WAKE ISLAND Hy 28.99 125 T 05 37 38.7
baz=317, slow=76, SNR=5.1

H11S3 WAKE ISLAND Hy 28.99 125 T 05 37 36.7
baz=317, slow=76, SNR=5.1

H11S2 WAKE ISLAND Hy 29.00 125 T 05 37 38.6
baz=317, slow=76, SNR=5.1

MKAR Makanchi Array 44.02 302 P P 05 08 31.8 -1.1
0.2nm, 0.6s, baz=80, slow=8.2, SNR=2.1
0.2nm, 0.6s

WRA Warramunga Arr 57.82 188 P P 05 10 16.6 -0.1
0.5nm, 0.7s, baz=49, slow=8.4, SNR=2.4
0.5nm, 0.7s

DJA 22 05:09:39.8-0.3, 11N, 2x12.7E, h44km, 12km, M4.2/11,
mb4.7/4, mb5.3/2, MLV3.9/11, Mw(m)B14.8/2

ISC 22 05:09:43.6-2.4, 0.92N, 126.87E, h102km, 23km, mb3.4/4,
mbtmp3.9/6, MS4.1/1, Error ellipse: s-maj=34.2km
s-min=14.2km az=66.0

ISC 22 05:09:40.1-0.9, 1.13N, 0.06x126.87E, 0.07, h72km, n17,
c161/22, mb3.7/4, Northern Molucca Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TNTI Ternate, SANGI Sangihe, SANI Sananta, etc.

ASAR Alice Springs 25.57 165 P P 05 15 03.4 +0.8
1.5nm, 0.5s, baz=341, slow=8.3, SNR=33
1.5nm, 0.5s

SONM Songoing Array 49.80 342 P P 05 18 26.6 +0.9
0.6nm, 0.9s, baz=134, slow=6.2, SNR=3.0
0.6nm, 0.9s

MKAR Makanchi Array 59.77 326 P P 05 19 38.7 +0.9
0.4nm, 0.5s, baz=113, slow=7.3, SNR=7.8
0.4nm, 0.5s

URZ Urewera 60.57 136 LR LR 05 45 15.7
comp=Z, 180nm, 21.6s, baz=302, slow=35

ISC 22 05:24:09.2+2.0, 6.67S, 129.55E, h0km, mb3.6/2,
mbtmp3.6/4, ML3.9/2, MS3.8/1, Error ellipse:
s-maj=136.0km s-min=28.8km az=66.0, Banda Sea

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

ASAR Alice Springs 17.41 167 P P 05 28 15.4 +0.4
0.6nm, 0.3s, baz=344, slow=11, SNR=30

ASAR Alice Springs 27.49 157 P P 05 29 55.7 -1.6
0.5nm, 0.5s, baz=322, slow=15, SNR=4.7
2.0nm, 0.6s

STKA Stephens Creek 27.49 157 P P 05 29 55.7 -1.6
0.5nm, 0.3s, baz=340, slow=12, SNR=3.1
0.5nm, 0.3s

JOW Kunglami 33.33 358 LR LR 05 44 22.5
comp=Z, 137nm, 18.1s, baz=116, slow=36

MKAR Makanchi Array 67.1 327 P P 05 35 08.7 +0.3
0.1nm, 0.3s, baz=129, slow=7.0, SNR=1.7
0.1nm, 0.3s

ISC 22 05:36:02.6+2.9, 9.93S, 116.08E, h0km, mb3.0/3,
mbtmp3.1/3, MS3.5/1, Error ellipse: s-maj=160.9km
s-min=29.4km az=48.0

DJA 22 05:36:11.6+0.7, 10.18S, 111.7E, h82km, 8km, M4.2/11,
mb4.8/2, mb6.0/1, MLV3.8/11, Mw(m)B15.6/1

ISC 22 05:36:12.7+1.3, 9.95S, 0.1x116.84E, 0.05, h81km, 15km,
n14, c13/20, Sumbawa region

ISC 22 05:36:12.7+1.3, 9.95S, 0.1x116.84E, 0.05, h81km, 15km,
n14, c13/20, Sumbawa region

ISC 22 05:36:12.7+1.3, 9.95S, 0.1x116.84E, 0.05, h81km, 15km,
n14, c13/20, Sumbawa region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWSI Taliwang, Sumb, etc.

05 36 43.9 +2.2
05 36 33.1 -0.6
05 36 49.6 +0.2
05 36 41.0 -1.2
05 37 03.8 -0.8
05 36 42.4 +0.2
05 37 06.5 +1.9
05 36 45.5 -1.2
05 36 55.6 -0.5
05 37 28.7 -0.9
05 37 00.5 +1.1
05 37 37.5 +0.2
05 37 04.7 -1.2
05 37 46.0 -1.1
05 37 29.1 +1.1
05 38 35.5 -2.0
05 40 39.2 -0.1

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWSI Plampang, PLAI Denpasar, etc.

ASAR Alice Springs 21.53 133 P P 05 40 57.1 +1.6
0.6nm, 0.3s, baz=314, slow=9.5, SNR=7.1
0.6nm, 0.3s

STKA Stephens Creek 31.95 138 LR LR 05 57 10.2
comp=Z, 90nm, 19.7s, baz=200, slow=39

MKAR Makanchi Array 63.98 334 P P 05 46 38.0 +0.5
0.1nm, 0.3s, baz=132, slow=6.7, SNR=1.3
0.1nm, 0.3s

ISC 22 05:36:20.2+5.7, 4.51S, 153.62E, h113km, 37km, mb3.4/3,
mbtmp3.9/4, Error ellipse: s-maj=62.6km s-min=24.7km
az=100.0

ISC 22 05:36:18.2+1.8, 4.55S, 0.1x153.6E, 0.2, h100km, n6,
c07/9, mb3.3/3, New Ireland region

ISC 22 05:36:18.2+1.8, 4.55S, 0.1x153.6E, 0.2, h100km, n6,
c07/9, mb3.3/3, New Ireland region

ISC 22 05:36:18.2+1.8, 4.55S, 0.1x153.6E, 0.2, h100km, n6,
c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

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c07/9, mb3.3/3, New Ireland region

ISC 22 05:36:18.2+1.8, 4.55S, 0.1x153.6E, 0.2, h100km, n6,
c07/9, mb3.3/3, New Ireland region

ISC 22 05:36:18.2+1.8, 4.55S, 0.1x153.6E, 0.2, h100km, n6,
c07/9, mb3.3/3, New Ireland region

Table with columns: INZ, ANWZ, TSZ, etc. and rows listing various stations and their coordinates.

Table with columns: WB0, GSPA, SOEI, BELA, MAW, etc. and rows listing various stations and their coordinates.

Table with columns: KSRS, SONM, MKAR, KURBB, etc. and rows listing various stations and their coordinates.

Table with columns: RPZ, KWHZ, TMWZ, etc. and rows listing various stations and their coordinates.

Table with columns: CMAR, INK, YKA, YKA, ULM, etc. and rows listing various stations and their coordinates.

Table with columns: MSVF, NIUE, DZM, etc. and rows listing various stations and their coordinates.

Table with columns: URZ, MWZ, JCZ, etc. and rows listing various stations and their coordinates.

Table with columns: TOR, WRA, ASAR, SONM, etc. and rows listing various stations and their coordinates.

Table with columns: WRA, MTN, FOR, etc. and rows listing various stations and their coordinates.

Table with columns: CTA, VNA, SBA, etc. and rows listing various stations and their coordinates.

Table with columns: ILAR, WRA, AKASG, etc. and rows listing various stations and their coordinates.

Table with columns: BKI, BKR, BZGR, etc. and rows listing various stations and their coordinates.

22d 6h

Table with columns: Call Sign, Name, Azimuth, Elevation, Mode, Power, Frequency, and other parameters. Includes stations like SCRC Sand Creek, J26L Joseph Creek, L26K Log Cabin Wild, etc.

2016 DEC

Table with columns: Call Sign, Name, Azimuth, Elevation, Mode, Power, Frequency, and other parameters. Includes stations like RES, BRDLA Berland Lookou, ZALV Zalesovo Beam, etc.

1656

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SDCO Great Sand Dun, KSCO Kaye Shedlock, PHRA Phrae, BELG Belogornoye, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like GNI Garni, FPAL Fort Paine, MLR Muntele Rosu, CTA Charters Tower, etc.

IDC 22 06:12:55.3:0.9,5:58S:153:71E,h0km,mb4.3/11, mbmp4.3/13,ML2.9/2,MS3.2/2,Error ellipse: s-maj=30.8km s-min=18.8km az=79.0

ISC 22 06:13:02.1:0.8,5:60S:0:08E:0.1,h43km,n18, o=070/17,mb4.2/11,New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KRVT Keravat, PMG Port Moresby, DZM Mont Dzumac, etc.

NNC 22 06:19:42.6:2.3,49:55N:83:84E,h0km,mb3.0,mpv2.6, Error ellipse: s-maj=22.8km s-min=6.9km az=69.0, Suspected Mining explosion.

SOME 22 06:19:43.1,49:57N:83:43E,h0km ISC 22 06:19:38.5:2.50:1N:0:03:84E:0:4,h0km,n5,o=06/07, C=30 Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ZSN Zaisan, MK31 Makanchi Array, MAZK Makanchi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KRVT Keravat, RABL Marus Island, PMG Port Moresby, etc.

IDC 22 06:29:35.7:1.3,55:29N:164:74E,h0km,mb3.3/4, mbmp3.2/5,ML2.6/1,Error ellipse: s-maj=92.5km s-min=21.8km az=145.0

KRSC 22 06:29:37.0:1.6,55:04N:164:75E,h47km,24km,ML3.9 ISC 22 06:29:38.5:0.8,55:10N:0:05:164:83E:0:06,h21km,6km,n9, i=167/51,mb3.2/4,Komandorski Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BKI Bering, KBTR Krutoberegovo, KBG Krutoberegovo, etc.

22d 7h

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like H03N2 Juan Fernandez, H03N1 Juan Fernandez, PLCA Paso Flores, etc.

2016 DEC

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like AFDM Forest Hills D, IRM Iron Mountain, 214A Organ Pipe Nat, etc.

1660

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries like ILAR Ishlaron Array, H22K Iseltalinta Cre, K27K Chicken, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like NMS, MEF, RAF, ANN, VSU, EIL, LIC, KIC, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like MDT, IDC, KRVT, DZM, WRA, ASAR, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like PALK, MKAR, KURBS, FINES, AKASG, etc.

22d 8h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MNMC, PSCGX, PB11, G001, VBST, etc.

2016 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like USIN, ABTX, MCWV, TXAR, TXAR, TX31, etc.

1664

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PLTB, MVCO, ISCO, WUAZ, SUSD, N23A, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like YKA, DY2G, KOTAN, ISOG, T35M, DLBC, WRGLY, WRAP, S34M, WTLY, R33M, NUUC, Q32M, S32K, ICESG, R32K, P33M, P32M, S31K, SKAG, MORF, PNCL, WHY, FARO, RES, PCVE, KULLO, PCAS, PMTG, COI, EVO, M31M, Q30M, P33M, N31M, PESTR, PMRV, POLO, MTE, PBAR, HYT, N30M, TIC, TULEG, LIC, O29M, DBIC, DBIC, DBIC, YUK6, M30M, KIC, MAYO, M29M, O28M, YUK8, YUK9, MDT, MDT, K29M, SMAI, F31M, YUK3, A36M, INK, EPYK, BVCY, DAWY, G30M, I29M, NEEM, ESCD, M27K, MCARA, L27K, PPT.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like M26K, EGAK, K27K, BMRM, L26K, N25K, I27K, H27K, SCRK, J26L, KLU, G27K, RIDG, PAX, M24K, E27K, K24K, SCM, M23K, PRP, PRP, PRP, DHY, WAT6, KNK, SML, F26K, HDA, BMAW, SEW, ILAR, ILAR, ILAR, ILAR, EKA, PMR, WAT1, G25K, RC01, POKR, F25K, C27K, COLA, TCOL, BRSE, E25K, MCK, M22K, H24K, G24K, NEA2, C26K, HOM, HOK, I23K, TORD, TORD, F24K, H23K, DAG, DAG, O20K, N20K, SPCR, E24K, BPWA, MLY, G23K, PPLA, CAST, E23K, COLD, M20K, C24K, CHUM, H22K, I21K, I01K, G22K, Q18K, L20K, N19K, D23K, H21K, M19K.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like O18K, C23K, K20K, E22K, Q17K, L19K, J20K, R17K, G21K, F21K, Q16K, TTA, O17K, P16K, DOU, NOR, O16K, GCSA, RCHB, N16K, A21K, WLF, SDPT, S12K, FALS, KEST, DAVOX, ANM, NB2, NOA, SPITS, HFS, CLL, CLL, STAL, KHC, KHC, KHC, GERES, BRG, BRG, BRG, VNA3, PRU, VNA2, TREC, OSTC, OSTC, DPC, DPC, KRUC, VRAC, VRAC, SNA, YVHS, TROLL, FINES, MLR, TSMU, ELIB, SUR, ZALV, GEYK, USURY, MKAR, SONM, KSH, WMQ, XLT, KRSR, HHC, STKA, GTA, LZH, LZH, NJ2, NJ2, KOLN, DMN, GUN, PKIN, JIRN, ASAR, WRA, GYA, GYA, PZH, CMAR, CMAR.

IDC 22:09:02:05.8.2.7.6:91S:128:03E:h0km,mb3.2/1, mbtm3.5/3,ML3.7/2,MS2.6/1, Error ellipse: s-maj=292.4km s-min=32.7km az=65.0, Banda Sea Code Station Name Az El Phase ID Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SANT Santorini, THRR Santorini-Mono, SLUM Salum, APE Apeiranthos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAVA Damaeus, CLL Colim, CLS Colim, VRR Voronezh, etc.

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

IDC 22 11:53:40.7±1.4, 0.103Sx161.07E, h0km, mb3.7/6, mbmp3.7/6, Error ellipse: s-maj=33.2km s-min=24.5km az=175.0

IDC 22 11:57:40.6±1.3, 24°40'Sx67°03'W, h164km, 1km, mb3.4/6, mbmp3.9/12, MS3.5/1, Error ellipse: s-maj=20.8km s-min=14.7km az=34.0

22d 12h

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like MNK, MNSK, WRA, etc.

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Table with columns for station call letters, name, frequency, and other technical details. Includes stations like P38A, STHS, BURAR, etc.

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Table with columns for station call letters, name, frequency, and other technical details. Includes stations like BR131, BRTR, COPA, etc.

Coast of S. Island, N.Z.
ISC 22 14:30:12.7, 1.1, 41.91S, 0.003x174.23E, 0.03, h20km, 5km,
n89, r16/92, Cook Strait

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists various stations like Cape Campbell, Blackbird Sta, Tuarimaria, etc.

ANF 22 14:46:56.8, 0.4, 37.23N, 97.89W, h5km, ML3.5/11, Error ellipse: s-maj=4.2km s-min=3.4km az=32.0
NEIC 22 14:46:57.2, 0.5, 37.24N, 0.02-97.86W, 0.1, h5km, 1km, Error ellipse: s-maj=3.3km s-min=2.6km az=176.0
ISC 22 14:46:56.9, 0.9, 37.22N, 0.03-97.87W, 0.02, h6km, 7km, n82, r060/73, Kansas

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Argonia West S, Anthony NE Sta, Argonia South, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Leonard, Cedar Bluff, Cedar Bluff, etc.

ISC 22 14:51:55.7, 1.5, 5.92S, 154.07E, h0km, mb3.6/6, mbmp3.7/8, ML2.8/2, MS3.2/7, Error ellipse: s-maj=39.8km s-min=24.0km az=110.0
ISC 22 14:52:03.1, 1.4, 5.85S, 0.1, 153.9E, 0.2, h48km, n15, mbmp3.9/12, mb3.5/6, MS3.2/4, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Keravat, Sonsea Array, Port Moresby, etc.

ISC 22 15:02:37.6, 3.3, 10.64S, 161.88E, h0km, mb3.8/5, mbmp3.8/5, MS3.8/1, Error ellipse: s-maj=169.9km s-min=39.6km az=118.0, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

ISC 22 15:10:18.8, 6.0, 6.47S, 153.78E, h54km, 43km, mb3.0/3, mbmp3.4/5, ML1.4/1, MS2.8/1, Error ellipse: s-maj=58.0km s-min=19.5km az=92.0
ISC 22 15:10:19.9, 1.9, 6.52S, 0.09-153.6E, 0.2, h50km, n6, mbmp3.9/12, mb3.0/3, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Keravat, Port Moresby, Warramunga Arr, etc.

ISC 22 15:10:33.0, 3.1, 3.5392N, 35.15W, h0km, mb3.4/4, mbmp3.4/2, Error ellipse: s-maj=95.2km s-min=25.1km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Sonsea Array, YKA, Pinedale Array, etc.

ISC 22 15:13:09.4, 2.7, 1.0, 63S, 160.73E, h0km, mb3.6/5, mbmp3.7/6, ML3.5/1, Error ellipse: s-maj=58.5km s-min=24.6km az=93.0
ISC 22 15:15:53.2, 3.1, 0.7S, 0.1, 160.6E, 0.3, h42km, n7, mbmp3.9/12, mb3.5/5, Bougainville-Solomon Islands region

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

ISC 22 15:25:24.0, 5.2, 2.2S, 2.8W, h13km, NEIC 22 15:25:24.1, 1.8, 2.15S, 0.04-80.23W, 0.04, h10km, 2km, ML0.7, Error ellipse: s-maj=7.0km s-min=5.8km az=298.0
ISC 22 15:25:28.1, 2.9, 2.32S, 80.43W, h98km, 33km, mb3.3/9, mbmp3.9/12, MS3.0/5, Error ellipse: s-maj=41.4km s-min=19.3km az=57.0
ISC 22 15:25:24.8, 0.8, 2.13S, 0.04-80.32W, 0.06, h60km, 8km, n136, r169/138, mb3.6/9, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Ecuador-Guayaq, Playas El Morr, Milagro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BTAM Cotopaxi Volca, TAMBO Tambo, VC1 Cotopaxi 1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NNSB baz=248, NNSH Datong, NNSH baz=248, etc.

IDC 22 15:32:45.0-4.9, 4.62S, 153.61E, h122km, 31km, mb3.3/4, mbmp3.8/5, Error ellipse: s-maj=57.2km s-min=20.4km az=100.0

NEIC 22 15:32:45.1-2.2, 4.5S, 0.2'153.61E, 0.1, h113km, 18km, mb4.0/5, Error ellipse: s-maj=27.0km s-min=13.9km az=152.0

ISC 22 15:32:43.6-1.1, 4.62S, 0.09'153.7E, 0.1, h100km, n15, a=162/19, mb3.5/6, New Ireland region

TAP 22 15:41:07.7, 24.90N, 122.88E, h145km, ML3.9, C JMA 22 15:41:08.0, 0.3, 25'N, 2'122.9E, 0.7, h141km, 3km, MV3.5/15, NW OFF ISHIGAKIJIMA IS

Code Station Name Az Az' Phase ID Time Res. Includes stations like RABL Rabaul, KRVT Keravat, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WNT Mingjian, WCHH Zhanghua, WCHH Miyako jima3, WYL Yuanlin Townsh, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PAWZ Paruwai Farm, CAW Cannon Point, QRZ Quartz Range, etc.

12C 22 15:42:12.6:0.9, 10:24Sx161.24E, h0km, mb3.9/11, mbtmp3.9/13, ML3.5/2, MS3.4/5, Error ellipse: s-maj=20.8km s-min=19.6km az=53.0

12C 22 15:52:16.1:2.1, 5:51S:142.21E, h0km, mb3.5/1, mbtmp3.6/4, ML3.5/2, MS3.3/1, Error ellipse: s-maj=52.1km s-min=29.8km az=116.0

12C 22 16:05:06.3:0.4, 55:21N:164.77E, h0km, mb4.9/31, mbtmp4.9/36, ML4.9/5, MS4.6/78, Error ellipse: s-maj=11.2km s-min=2.7km az=155.0

22d 16h

SDLR	Sedlovina	3.96 245	eS	Pn	16 06 53.2	-1.2
SDLR	Sedlovina	3.96 245	eS	Pn	16 06 09.0	0.0
SMAR	Somma	4.01 245	eP	Pn	16 06 09.7	-0.1
SMAR	Somma	4.01 245	eS	Pn	16 06 54.0	-1.8
SMAR	Somma	4.01 245	eP	Pn	16 06 09.7	-0.1
KRER	Koryakskii	4.02 246	eP	Pn	16 06 09.8	-0.1
KRER	Koryakskii	4.02 246	eS	Pn	16 06 09.8	-0.1
UGLR	Uglovaya	4.03 244	eP	Pn	16 06 09.6	-0.3
UGLR	Uglovaya	4.03 244	eS	Pn	16 06 09.6	-0.3
AVH	Avacha	4.04 245	eP	Pn	16 06 10.0	-0.1
AVH	Avacha	4.04 245	eS	Pn	16 06 54.6	-1.8
KRX	Arik	4.04 247	eP	Pn	16 06 09.9	-0.3
KRX	Arik	4.04 247	eS	Pn	16 06 54.9	-1.6
KRX	Arik	4.04 247	eP	Pn	16 06 09.9	-0.3
KOK	Koryaka	4.08 246	eP	Pn	16 06 10.6	-0.1
KOK	Koryaka	4.08 246	eS	Pn	16 06 55.7	-1.7
KOK	Koryaka	4.08 246	eP	Pn	16 06 10.6	-0.1
DALK	Dalny	4.16 242	eP	Pn	16 06 11.0	-0.6
DALK	Dalny	4.16 242	eS	Pn	16 06 11.0	-0.6
DALK	Dalny	4.16 242	eP	Pn	16 06 11.2	-1.1
PET	Petrovavlovsk	4.21 243	eP	Pn	16 06 11.8	-0.5
PET	Petrovavlovsk	4.21 243	eS	Pn	16 06 57.7	-2.7
PET	Petrovavlovsk	4.21 243	eP	Pn	16 06 12.0	-0.3
PET	comp=Z,672nm,0.7s		pmx	pmx		
PET	comp=Z,1um,9.5s		MLR	MLR		
PET	comp=Z,8um,17.0s		MLR	MLR		
PET	comp=Z,11um,12.0s		MLR	MLR		
OSSR	Ossora	4.25 347	eP	Pn	16 06 12.5	-0.4
OSSR	Ossora	4.25 347	eS	Pn	16 06 59.6	-1.8
OSSR	Ossora	4.25 347	eP	Pn	16 06 12.5	-0.4
GNL	Ganally	4.28 253	eP	Pn	16 06 13.2	-0.2
RUS	Russkaya	4.62 237	eP	Pn	16 06 16.7	-1.3
RUS	Russkaya	4.62 237	eS	Pn	16 07 07.1	-3.4
RUS	Russkaya	4.62 237	eP	Pn	16 06 16.7	-1.3
PEA0B	Petrovavlovsk-	4.67 247	eP	Pn	16 06 18.2	-0.5
PEA0B	Petrovavlovsk-	4.67 247	eS	Pn	16 06 18.5	-0.1
PETK	Petrovavlovsk-	4.87 247	eP	Pn	16 06 18.1	-0.5
PETK	comp=84nm,0.3s,baz=78,slow=41,SNR=115		Sn	Sn	16 07 11.8	+0.1
PETK	comp=Z,38nm,0.3s,baz=78,slow=29,SNR=1.8		LR	LR	16 08 25.2	
PETK	comp=Z,9um,18.8s,baz=67,slow=43					
PETK	comp=Z,132nm,0.4s					
GRL	Gorelyy	4.77 240	eP	Pn	16 06 20.0	-0.1
GRL	Gorelyy	4.77 240	eS	Pn	16 07 12.0	-2.3
GRL	Gorelyy	4.77 240	eP	Pn	16 06 20.0	-0.1
PALN	Palana	4.79 328	eP	Pn	16 06 20.5	+0.3
PALN	Palana	4.79 328	eS	Pn	16 06 20.5	+0.3
APC	Apacha	5.04 247	eP	Pn	16 06 24.1	+0.4
APC	Apacha	5.04 247	eS	Pn	16 06 24.1	+0.4
KDTR	Khodutka, Kamc	5.23 233	eP	Pn	16 06 24.9	-1.4
KDTR	Khodutka, Kamc	5.23 233	eS	Pn	16 07 21.0	-4.5
KDTR	Khodutka, Kamc	5.23 233	eP	Pn	16 06 24.9	-1.4
TILK	Tilichiki	5.39 7	eP	Pn	16 06 29.6	+1.2
TILK	Tilichiki	5.39 7	eS	Pn	16 06 29.6	+1.2
SHEM	Shemya Is, Ala	5.96 110	eP	Pn	16 06 36.6	+0.2
SHEM	comp=Z,9.8nm,0.3s,baz=75,slow=32,SNR=12		Sn	Sn	16 07 41.6	-1.9
SHEM	comp=Z,12nm,0.3s,baz=303,slow=17,SNR=5.5					
SHEM	comp=Z,34nm,0.5s					
SMY	Shemya	5.96 110	eP	Pn	16 06 39.0	+2.6
SMY	Shemya	5.96 110	eS	Pn	16 06 39.0	+2.6
SKR	Severo-Kuril's	6.90 234	eP	Pn	16 06 47.6	-1.7
SKR	Severo-Kuril's	6.90 234	eS	Pn	16 06 48.1	-1.2
SKR	Severo-Kuril's	6.90 234	eP	Pn	16 06 47.6	-1.7
SKR	Severo-Kuril's	6.90 234	eS	Pn	16 06 48.1	-1.2
KMSK	Kamenskaya	7.40 5	eP	Pn	16 06 56.7	+0.6
KMSK	Kamenskaya	7.40 5	eS	Pn	16 06 56.7	+0.6
MA2	Magadan	8.82 306	eP	Pn	16 07 15.2	-0.4
MA2	Magadan	8.82 306	eS	Pn	16 07 15.2	-0.4
MA2	Magadan	8.82 306	eP	Pn	16 10 40.6	
MA2	comp=Z,5um,21.9s,baz=110,slow=38		LR	LR	16 10 40.6	
MA2	comp=Z,17nm,0.7s					
MA2	Magadan	8.82 306	eP	Pn	16 07 13.3	-2.2
MA2	Magadan	8.82 306	eS	Pn	16 07 15.0	-0.6
SEY	Seymchan	10.12 326	eP	Pn	16 07 35.0	+1.8
SEY	Seymchan	10.12 326	eS	Pn	16 07 35.0	+1.8
SEY	comp=Z,98nm,1.7s		LR	LR	16 11 13.9	
SEY	comp=Z,3um,18.4s,baz=122,slow=37		LR	LR	16 11 13.9	
SEY	Seymchan	10.12 326	eP	Pn	16 07 34.4	+1.2
SEY	Seymchan	10.12 326	eS	Pn	16 07 49.8	+1.6
KIWB	Kanaga Island	11.21 300	eP	Pn	16 07 52.8	+1.2
ADK	Adak	11.46 99	eP	Pn	16 07 52.8	+1.2
ADK	Adak	11.46 99	eS	Pn	16 07 52.8	+1.2
OKH	Okha	12.89 272	eP	Pn	16 08 04.2	-6.8
OKH	Okha	12.89 272	eS	Pn	16 08 04.2	-6.8
OKH	comp=E,4um,15.0s		MLR	MLR		
OKH	comp=N,6um,14.0s		MLR	MLR		
OKH	comp=Z,3um,12.0s		MLR	MLR		
BILL	Bilibino	12.98 2	eP	Pn	16 08 11.5	-0.9
BILL	Bilibino	12.98 2	eS	Pn	16 08 14.3	+1.9
BILL	Bilibino	12.98 2	eP	Pn	16 10 48.7	+1.3
BILL	comp=Z,55nm,2.5s		MLR	MLR		
SPIA	Saint Paul Isl	14.01 71	eP	Pn	16 08 27.6	+1.2
SPIA	Saint Paul Isl	14.01 71	eS	Pn	16 08 27.6	+1.2
TYV	Tymovskoe	14.01 261	eP	Pn	16 08 29.7	+3.2
TYV	Tymovskoe	14.01 261	eS	Pn	16 11 06.6	+5.9
TYV	comp=Z,500nm,3.1s		pmx	pmx		
TYV	comp=Z,28nm,1.4s		smx	smx		
TYV	comp=N,800nm,6.6s		smx	smx		
NKL	Nikolayevsk	14.29 272	eP	Pn	16 08 39.1	+2.1
NKL	Nikolayevsk	14.29 272	eS	Pn	16 11 16.6	+9.2
NKL	comp=N,30nm,1.1s		pmx	pmx		
NKL	comp=E,211nm,1.1s		pmx	pmx		
NKL	comp=Z,391nm,1.1s		smx	smx		
NKL	comp=E,577nm,4.2s		smx	smx		
NKL	comp=N,525nm,4.1s		smx	smx		
GAMB	Gambell	14.65 44	eP	Pn	16 08 35.8	+0.6
GAMB	Gambell	14.65 44	eS	Pn	16 08 35.7	+0.6
UGL	Uglegorsk	15.21 256	eP	Pn	16 08 45.2	-2.2
UGL	Uglegorsk	15.21 256	eS	Pn	16 11 37.1	+7.1
UGL	comp=Z,77nm,1.1s		pmx	pmx		
UGL	comp=N,300nm,3.0s		smx	smx		
UGL	comp=E,900nm,4.5s		MLR	MLR		
UGL	comp=E,12um,12.0s		MLR	MLR		
UGL	comp=Z,6um,12.0s		MLR	MLR		
UGL	comp=N,2um,9.0s		P	P		
NIKH	Nikolski High	15.56 87	eP	Pn	16 08 49.2	-2.0
NIKH	Nikolski High	15.56 87	eS	Pn	16 08 54.6	
NIKH	Nikolski High	15.56 87	eP	Pn	16 08 47.1	-0.1
NIKH	Nikolski High	15.56 87	eS	Pn	16 08 47.1	-0.1
YSS	Yuzh-Sakhalins	16.07 249	eP	Pn	16 08 50.8	-3.0
YSS	Yuzh-Sakhalins	16.07 249	eS	Pn	16 08 53.9	+0.1
YSS	Yuzh-Sakhalins	16.07 249	eP	Pn	16 11 51.7	+0.9
YSS	Yuzh-Sakhalins	16.07 249	eS	Pn	16 11 51.7	+0.9
YSS	comp=Z,500nm,3.9s		pmx	pmx		
YSS	comp=Z,70nm,0.8s		MLR	MLR		
YSS	comp=Z,5um,13.0s		MLR	MLR		
YSS	comp=E,3um,12.0s		MLR	MLR		
YUK	Yuzh-Kuril'sk	16.51 236	eP	Pn	16 08 56.5	-2.9
YUK	Yuzh-Kuril'sk	16.51 236	eS	Pn	16 11 55.1	-6.5
YUK	Yuzh-Kuril'sk	16.51 236	eP	Pn	16 08 56.5	-2.9
YUK	Yuzh-Kuril'sk	16.51 236	eS	Pn	16 11 55.1	-6.5

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YUK	comp=Z,3um,18.0s		MLR	MLR		
UNV	Unalaska Valle	16.64 83	eP	Pn	16 09 02.5	-0.6
UNV	Unalaska Valle	16.64 83	eS	Pn	16 09 00.3	-0.8
TNA	Tin City	16.89 41	eP	Pn	16 09 03.6	-0.5
TNA	Tin City	16.89 41	eS	Pn	16 09 04.2	-0.1
ANM	Nome	17.52 45	eP	Pn	16 09 11.7	-0.2
ANM	Nome	17.52 45	eS	Pn	16 09 10.9	-1.0
ANM	Nome	17.52 45	eP	Pn	16 09 11.7	-0.2
ANM	Nome	17.52 45	eS	Pn	16 09 11.7	-0.2
GRNR	comp=Z,59nm,1.6s		pmx	pmx		
GRNR	Gornyy	17.61 267	eP	Pn	16 09 14.0	0.0
GRNR	Gornyy	17.61 267	eS	Pn	16 12 30.2	+1.9
GRNR	comp=N,6.0nm,0.8s		pmx	pmx		
GRNR	comp=E,10.0nm,0.8s		pmx	pmx		
GRNR	comp=Z,20nm,0.7s		smx	smx		
GRNR	comp=N,3.0nm,0.7s		MLR	MLR		
GRNR	comp=E,2um,12.0s		MLR	MLR		
GRNR	comp=N,1um,15.0s		MLR	MLR		
JKA	Kamikawa-asahi	18.05 242	eP	Pn	16 09 17.0	-1.6
JKA	Kamikawa-asahi	18.05 242	eS	Pn	16 09 20.5	
ASAJ	Asahikawa	18.06 242	eP	Pn	16 09 18.3	-0.3
ASAJ	Asahikawa	18.06 242	eS	Pn	16 10 01.0	
ASAJ	Asahikawa	18.06 242	eP	Pn	16 09 17.0	-1.6
ASAJ	Asahikawa	18.06 242	eS	Pn	16 09 17.0	-1.6
FALS	False Pass	18.13 78	eP	Pn	16 09 20.1	+0.5
FALS	False Pass	18.13 78	eS	Pn	16 09 18.8	-0.7
S12K	Black Hills	18.70 75	eP	Pn	16 09 24.9	-0.9
ERM	Ermo	19.34 236	eP	Pn	16 09 31.3	-1.6
ERM	Ermo	19.34 236	eS	Pn	16 09 29.5	-3.4
YAK	Yakutsk	19.40 305	eP	Pn	16 09 31.6	-1.8
YAK	comp=Z,0.5nm,0.3s,baz=252,slow=1.4,SNR=59		LR	LR	16 17 13.1	
YAK	comp=Z,3um,18.6s,baz=109,slow=38					
YAK	comp=Z,37nm,0.5s					
YAK	Yakutsk	19.40 305	eP	Pn	16 09 30.5	-2.9
YAK	Yakutsk	19.40 305	eS	Pn	16 09 45.5	
YAK	Yakutsk	19.40 305	eP	Pn	16 09 31.5	-1.9
YAK	Yakutsk	19.40 305	eS	Pn	16 13 08.7	-2.0
YAK	comp=Z,143nm,1.0s		pmx	pmx		
YAK	comp=E,64nm,1.2s		pmx	pmx		
YAK	comp=N,16nm,1.0s		pmx	pmx		
YAK	comp=Z,404nm,1.3s		pmx	pmx		
YAK	comp=E,619nm,1.5s		pmx	pmx		
YAK	comp=N,108nm,1.5s		smx	smx		
YAK	comp=N,565nm,2.8s		smx	smx		
YAK	comp=E,296nm,2.1s		MLR	MLR		
YAK	comp=Z,2um,16.0s		MLR	MLR		
YAK	comp=E,2um,14.0s		MLR	MLR		
SDPT	Sand Point	19.66 75	eP	Pn	16 09 37.5	-0.3
RDOO	Red Dog Mine	19.75 36	eP	Pn	16 09 35.6	-1.7
O16K	Kokwok River B	20.29 62	eP	Pn	16 09 40.7	-2.5
P16K	Nushagak River	20.39 64	eP	Pn	16 09 42.5	-1.7
CHGN	Chignik	20.58 72	eP	Pn	16 09 46.7	+0.5
CHGN	Chignik	20.58 72	eS	Pn	16 09 49.6	
CHGN	comp=Z,127nm,0.9s		Pn	Pn	16 09 47.4	-1.3
O17K	Koliganek Bris	20.79 61	eP	Pn	16 09 48.4	-0.1
R16K	Pilot Point	20.79 68	eP	Pn	16 09 49.6	+1.0
KLR	Kul'dur	21.00 267	eP	Pn	16 09 50.3	-0.6
KLR	Kul'dur	21.00 267	eS	Pn	16 18 19.7	
KLR	comp=Z,2um,19.6s,baz=64,slow=38		P			

1679

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMR Palmer, RND Reindeer, SEW Seward, etc.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like HARP HAARP, RIDG Independent Ri, BMAR Burnt Mountain, etc.

22d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like FARO Faro, YUKON, JNU Nakatsue, P32M Ailin, etc.

22d 16h

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

2016 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CD2, MOD, J08A, etc.

1680

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

22d 16h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SCIA, LPSR, VRH, AMTX, etc.

2016 DEC

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

1682

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NATX, O52A, ZEI, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like MORC Moravsky Berou, CPCT Cooper Cave, BURAR Bucovina Array, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like MLR Muntele Rosu, T59A Double 'B' Far, T59A Double 'B' Far, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like WRA Warramunga Arr, OSSO comp=Z,47nm,0.8s, UOSS Minazif, etc.

KRSC 22 16:15:02.4,0.5,55:09N:164:75E, h39km±13km, ML3.7, Komandorsky Islands region. Includes a table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

Table with columns for station name, frequency, and other parameters. Includes stations like URKAR, SHTL, LGD, KMG, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like ZRD, KBZ, Khabab, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like MNK, MKN, MKB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRVT Keravat, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, SONM Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arra, BVAR Borovoye Array, TORD Torodi Arr, etc.

IDC 22 17:15:43.4+1.0, 11.17S; 161.70E, h0km, mb3.9/10, mbtm4.0/12, ML4.3/2, MS3.6/7, Error ellipse: s-maj=29.4km s-min=20.2km az=124.0 NEIC 22 17:15:47.0+2.1, 11.02S; 0.09-161.7E: 0.1, h21km, 3km, mb4.4/15, Error ellipse: s-maj=18.4km s-min=10.8km az=61.0

ISC 22 17:15:47.9-0.6, 11.10S; 0.07-161.62E: 0.10, h28km, n34, 109/35, mb4.2/16, MS3.5/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR 896nm, HNR Honiara, KOUNC Koumac, LIFNC LIFOU, DZM Mont Dzumac, DZM Dzumac, DZM Mont Dzumac, OUENC Ouen Island, PMG Port Moresby, CTA Charters Tower, CTA Charters Tower, CTA Eidsvold, COEN Coen, WRO Warramunga Arr, WBO Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, STKA Stephens Creek, ASAR Alice Springs, TOO Toolangi, BBOO Buckleboo, KNRA Kunurra, Vnda Vanda, CMAR Chiang Mai Arr, SONM Songino Array, SONM Songino Array, YAK Yakutsk, QSPA South Pole Qui, ILAR Eielson Array, EGAK Eagle, NVAR Mina Array, MKAR Makanchi Array, YKA Yellowknife Ar

JMA 22 17:16:35.2+0.1, 24.8N; 0.6-122.3E: 0.3, h44km, 2km, MV2.4/10, TAIWAN REGION TAP 22 17:16:37.0+2.4, 24.14N; 122.42E, h37km, ML2.9, D ISC 22 17:16:35.1+1.0, 24.02N; 0.02-122.36E: 0.02, h16km, 9gkm, n76, 0991/125, TAIWAN region

Table with columns: ETL, Station Name, Az, Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, ENA Nanau, ENA Nanau, NACB Ninganchiao, NACB Ninganchiao, YOJ Yonaguni jima, YOJ Yonaguni jima, TWC Suao, TWC Suao, ETM Tongmen, ETM Tongmen, ETLH Xiulin Townshi, ETLH Xiulin Townshi, NDS Dongshan, NDS Dongshan, ESLS Shilin, ESLS Shilin, LATG Datong, LATG Datong, TWE Neicheng, TWE Neicheng, ENTNT Nicou, ENTNT Nicou, NDT Datong, NDT Datong, NNSH Datong, NNSH Datong, NNSB Datong, NNSB Datong, NNS Nanshan, NNS Nanshan, HGS D Ruisui, HGS D Ruisui, WHF Hehuan Shan, WHF Hehuan Shan, FUSB Fushanzhiyuyua, FUSB Fushanzhiyuyua, FUSS Fushou, FUSS Fushou, TIPP Shuangxi, TIPP Shuangxi, EHY Hungye, EHY Hungye, CHGB Renai, CHGB Renai, NWLT Wulai, NWLT Wulai, TWT Tachien, TWT Tachien, YHNB Yeheng, YHNB Yeheng, NSK Sangungu, NSK Sangungu, WUSB Renai, WUSB Renai, VVDT Yudi, VVDT Yudi, YULB Yu-li, YULB Yu-li, SXII Grass Mountain, SXII Grass Mountain, EYUL Yuli, EYUL Yuli, NWF Wu-fen Shan, NWF Wu-fen Shan, WFSB Wu-fen Shan, WFSB Wu-fen Shan, TWA Muzha, TWA Muzha, NHDH Xindian, NHDH Xindian, TATO Taipei, TATO Taipei, NFF Wufeng Township, NFF Wufeng Township, IRIF Iriomote-Funau, IRIF Iriomote-Funau, SSSL Suanglung, SSSL Suanglung, WHP Taichung City, WHP Taichung City, HATJ Hateruma jima, HATJ Hateruma jima, WCS Beigang Elemen, WCS Beigang Elemen, EHD Haiduan, EHD Haiduan, LIOB Emei, LIOB Emei, TYC Yuchr, TYC Yuchr, NSTT Nanjuang, NSTT Nanjuang, NSTT Nanjuang, WHYT Xinyi Township, WHYT Xinyi Township, EDH Donghe, EDH Donghe, WJS Zhushan, WJS Zhushan

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like JKRS Kuro-shima, JKRS Kuro-shima, WNT Mingjian, WNT Mingjian, JIU Ishigaki jima, JIU Ishigaki jima, STYH Taoyuan, STYH Taoyuan, WCKO Fanzhuo, WCKO Fanzhuo, TPUB Ta-pu, TPUB Ta-pu, CHN4 Tsauhsan, CHN4 Tsauhsan, WTP Ta-pu, WTP Ta-pu, WTK Tuku, WTK Tuku, WTK Hsiuying, WTK Hsiuying, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, SGST Jiashan, SGST Jiashan, SGST Jiashan, SSD Sandimen, SSD Sandimen, TSMG Maja, TSMG Maja, SCST Gishan, SCST Gishan, MASBT Mashbuluo, MASBT Mashbuluo, MASBT Mashbuluo

IDC 22 17:17:48.7-0.8, 23.38N; 93.53E, h0km, mb3.7/9, mbtm3.6/10, ML3.6/1, MS3.9/1, Error ellipse: s-maj=22.8km s-min=16.5km az=55.0

ISC 22 17:17:55.1-0.8, 23.3N; 0.1-93.49E: 0.08, h15km, n12, 0569/12, mb3.6/9, Myanmar-India border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRDH Bariadhala, BRDH Bariadhala, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, AAK Ala-Archa, AAK Ala-Archa, MKAR Makanchi Array, MKAR Makanchi Array, SONM Songino Array, SONM Songino Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, EIL Elat, EIL Elat, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, GERES GERES Array B, GERES GERES Array B, ILAR Eielson Array, ILAR Eielson Array, INK Inuvik, INK Inuvik

IDC 22 17:34:28.6+1.6, 29.52N; 50.80E, h0km, mb3.7/10, mbtm3.7/12, ML2.9/2, Error ellipse: s-maj=31.3km s-min=25.6km az=154.0 TEH 22 17:34:31.6+2.9, 29.54N; 50.96E, h19km, ML3.4 ISC 22 17:34:32.3+0.8, 29.48N; 0.06-50.87E: 0.06, h24km, n65, 094/65, mb3.7/10, Southern IR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAZI Kazerun, KAZI Kazerun, AHBH AHRAM, AHBH AHRAM, DSBH Dashti - Bushe, DSBH Dashti - Bushe, ABEH Behbahan, ABEH Behbahan, SHI Shiraz, SHI Shiraz, KLNJ Kolanjah, KLNJ Kolanjah, QIR1 Qir, QIR1 Qir, IBRJ Brojen, IBRJ Brojen, AMIS Naft Sefid, AMIS Naft Sefid, IRAM Ramesheh, IRAM Ramesheh, SHK1 Shahrekord, SHK1 Shahrekord, IGAR Gharneh, IGAR Gharneh, IPIR Pirpir, IPIR Pirpir, ISAD Sadrabad, ISAD Sadrabad, IZEF Zefreh, IZEF Zefreh, NASN Na'in, NASN Na'in, IMEH Meiz, IMEH Meiz, IKLH Kolahrood, IKLH Kolahrood, ICHK Chekchek, ICHK Chekchek, GAMS Gamsar, GAMS Gamsar, KHMZ Khomeyn, KHMZ Khomeyn, YZKH Yazd, YZKH Yazd, ANAR Anarak, ANAR Anarak, IBAF Bafq, IBAF Bafq, KRSH Karshahi, KRSH Karshahi, KHFM Kafar-mosalman, KHFM Kafar-mosalman, KHGB Koh Gabri, KHGB Koh Gabri, ISFB Sefidab, ISFB Sefidab, GHVR GHOM, GHVR GHOM, HSAM Samen, HSAM Samen, ASAC Ashtian, ASAC Ashtian, NGRK Negar Kerman, NGRK Negar Kerman, BNDS Bandar-Abbas, BNDS Bandar-Abbas, KRBR Kerman, KRBR Kerman, IQOM Oom, IQOM Oom

22d 18h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HAGD Aghdareh, IVRN Yarinin, ILBA Iliam Banvizeh, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GEYT Alibeck, AKTO Aktyubinsk, BELG Belogormye, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array Be, ARU Arti, BVAR Borovoye Array, etc.

IDC 22 17:36:44.9, 7.7, 21.03N, 142.62E, h404km, 89km, mb2.8/9, mbmp3.6/9, Error ellipse: s-maj=34.1km s-min=15.6km az=87.0

ISC 22 17:36:44.3, 1.1, 21.0N, 0.1, 142.6E, 0.3, h400km, n9, o695/9, mb3.18, Mariana Islands region

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

IDC 22 17:37:36.4, 2.7, 10.55S, 163.76E, h0km, mb3.6/2, mbmp4.0/3, ML4.8/1, Error ellipse: s-maj=72.3km s-min=49.3km az=154.0, Bougainville-Solomon Islands region

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

NEIC 22 17:37:44.3, 1.2, 14.5S, 0.4, 167.5E, 0.2, h131km, 24km, mb4.5/17, Error ellipse: s-maj=58.8km s-min=25.8km az=200.0

IDC 22 17:37:45.8, 4.4, 14.85S, 167.38E, h120km, 36km, mb3.8/9, mbmp4.2/10, Error ellipse: s-maj=28.7km s-min=24.0km az=50.0

NOU 22 17:37:58.6, 16:05S, 167.19E, h0km, mb4.0/10, Vanuatu Islands

ISC 22 17:37:46.4, 0.7, 14.90S, 0.08, 167.4E, 0.1, h129km, n47, r105/51, mb4.4/16, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DVP Devils Point, RTV Rentapao, LIFNC LIFOU, etc.

CTA Charters Tower 20.79 253 P P 17 42 19.3 +1.8

ARMA Armidale 21.16 220 P P 17 42 20.9 -0.6

BKZ Black Stump Fm 25.47 163 P P 17 43 02.6 +0.1

MRZ Mangatoinoka R 26.64 166 P P 17 43 02.0 -0.4

LTZ Lake Taylor 28.10 172 P P 17 43 26.5 +0.5

STKA Stephens Creek 28.96 230 P P 17 43 35.1 +1.4

STKA Stephens Creek 28.96 230 P P 17 43 34.9 +1.1

2016 DEC

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, TROLL Troll, SNAW SNAW, etc.

SKHL 22 17:53:32.8, 0.2, 43.30N, 146.10E, h40km, 3km, mb4.0/2, JMA 22 17:53:33.1, 0.2, 43.3N, 0.6, 146.0E, 0.9, h50km, 1km, MV2.6/37, OFF NEMURO PENINSULA

ISC 22 17:53:32.0, 1.8, 43.29N, 0.08, 146.06E, 0.07, h52km, 10km, n13, o676/24, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NEM2 Nemuro 2, NMR Nemuro-Hokkai, NMR Nemuro-Hokkai, etc.

HVO 22 18:05:28.1, 1.9, 56.1N, 0.04, 156.41W, 0.04, h34km, 6km, ML2.8/12, ML2.7/19(NEIC), Error ellipse: s-maj=8.1km s-min=3.7km az=219.0

NEIC 22 18:00:54.9, 1.9, 19.58N, 0.03, 156.42W, 0.03, h25km, 9km, Error ellipse: s-maj=4.3km s-min=3.1km az=47.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CPH Captain Cook, CPH Kahlua'u, KHLU KHLU, etc.

MWH Moku'awewe 0.78 97 Pn 18 01 06.8 +0.6

MLOA Mauna Loa Obse 0.80 93 Pn 18 01 21.0 +0.2

MLOA Mauna Loa Obse 0.80 93 Pn 18 01 21.0 +0.2

MLOA Mauna Loa Obse 0.80 93 Pn 18 01 21.0 +0.2

MLOA Mauna Loa Obse 0.80 93 Pn 18 01 21.0 +0.2

MLOA Mauna Loa Obse 0.80 93 Pn 18 01 21.0 +0.2

MLOA Mauna Loa Obse 0.80 93 Pn 18 01 21.0 +0.2

MLOA Mauna Loa Obse 0.80 93 Pn 18 01 21.0 +0.2

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MLOA Mauna Loa Obse 0.80 93 Pn 18 01 21.0 +0.2

MLOA Mauna Loa Obse 0.80 93 Pn 18 01 21.0 +0.2

MLOA Mauna Loa Obse 0.80 93 Pn 18 01 21.0 +0.2

MLOA Mauna Loa Obse 0.80 93 Pn 18 01 21.0 +0.2

MLOA Mauna Loa Obse 0.80 93 Pn 18 01 21.0 +0.2

MLOA Mauna Loa Obse 0.80 93 Pn 18 01 21.0 +0.2

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HLP Hilina Pali, PUH Pauahi, HLK Haleakala, etc.

IDC 22 18:01:08.8, 6.8, 47.32N, 152.68E, h106km, 46km, mb3.6/14, mbmp3.9/15, Error ellipse: s-maj=59.0km s-min=20.9km az=172.0

ISC 22 18:01:11.7, 1.5, 47.4N, 0.2, 152.7E, 0.2, h128km, n22, r105/17, mb3.9/14, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PETK Petropavlovsk, PETK JOKA, H11N2 WAKE ISLAND Hy, etc.

ZALV Zalesovo Beam 42.01 305 P P 18 08 49.1 -0.8

MKAR Makanchi Array 46.41 297 P P 18 09 24.8 -0.2

RES Resolute Bay 50.27 19 P P 18 09 54.4 +0.2

YKA Yellowknife Arr 50.53 37 P P 18 09 56.7 +0.4

ARCS ARCS Array B 57.12 341 P P 18 10 43.3 -0.9

FINES Finest Array B 63.31 334 P P 18 11 25.6 -0.7

NB2 NRSAR Subarra 67.50 341 P P 18 11 53.3 -0.1

NOA NORSAR Array B 67.50 341 P P 18 11 53.4 -0.1

AKASG Malin Array Be 70.84 326 P P 18 12 13.5 -0.6

MLR Muntele Ross 76.36 325 P P 18 12 47.8 +1.1

TXAR Lajitas Array 77.38 60 P P 18 12 52.4 -0.2

GERES GERES Array B 77.73 334 P P 18 12 54.7 +0.5

MMAI Mount Meron 82.17 311 P P 18 13 19.7 +1.4

IDC 22 18:07:39.7, 1.1, 6.11S, 154.26E, h0km, mb3.8/8, mbmp3.8/10, ML3.3/2, MS3.7/3, Error ellipse: s-maj=29.6km s-min=20.9km az=120.0

ISC 22 18:07:47.1, 0.8, 6.06S, 0.00, 154.2E, 0.1, h50km, n13, r112/16, mb3.6/8, Bougainville-Solomon Islands region

KRVT Keravat (AS076) 2.75 309 Pn 18 08 27.0 -1.8

KRVT Resolute Bay 50.27 19 Pn 18 09 02.4 +1.5

HNR Honiara 6.63 121 LR 18 12 13.1

PMG Port Moresby 7.70 244 Pn 18 09 35.8 -0.9

PMG Mount Meron 82.17 311 Pn 18 11 04.1 +1.5

DZM Mont Dzumac 18.95 144 P 18 12 14.4 +0.2

WRA Warramunga Arr 23.70 233 P 18 12 53.7 -1.0

WRA Warramunga Arr 23.70 233 P 18 16 38.1 +0.2

ASAR Alice Springs 26.20 226 P 18 13 16.6 -0.8

ASAR Alice Springs 26.20 226 P 18 16 43.6 +0.2

CMAR Chiang Mai Arr 59.64 295 P 18 17 47.7 +1.0

SOMN Songino Array 68.11 327 P 18 18 42.0 -0.0

SOMN Songino Array 68.11 327 P 18 48 33.7

TIXI Tikisi 79.32 352 P 18 19 46.9 -0.1

MKAR Makanchi Array 82.16 319 P 18 20 03.1 +0.3

ILAR Eielson Array 82.81 222 P 18 20 07.3 +1.5

ZALV Zalesovo Beam 82.95 326 P 18 20 05.5 -1.1

TORD Tordis Arr. Be 151.98 287 PKPbc PKPbc 18 27 36.7 -1.1

IDC 22 18:16:31.1, 1.0, 5.92S, 153.95E, h0km, mb4.0/10, mbmp4.0/12, ML2.9/2, MS3.4/3, Error ellipse: s-maj=29.6km s-min=18.0km az=102.0

NEIC 22 18:16:34.5, 0.9, 5.95S, 0.08, 153.80E, 0.09, h17km, 5km, mb4.6/14, Error ellipse: s-maj=14.1km s-min=10.1km az=49.0

ISC 22 18:16:36.6, 0.6, 5.92S, 0.07, 153.83E, 0.08, h35km, n37, r116/36, mb4.3/16, New Ireland region

RABL Rabaul 2.39 316 Op 18 17 12.6 -0.7

KRVT Keravat (AS076) 2.41 312 Pn 18 17 13.1 -0.5

KRVT Resolute Bay 50.27 19 Pn 18 17 45.4 +3.6

HNR Honiara 6.63 120 Pn 18 18 16.5 -0.1

PMG Port Moresby 7.46 242 Pn 18 18 24.5 +1.5

PMG Mount Meron 82.17 311 Pn 18 19 46.6 +0.1

PMG Port Moresby 7.46 242 Pn 18 21 22.9

MANU Manus Island 7.51 301 Pn 18 18 23.9 +0.8

DZM Mont Dzumac 20.16 144 Pn 18 12 27.1 -1.1

DZM Mont Dzumac 20.16 144 Pn 18 21 13.0 +2.8

22d 20h

comp=E,2.3nm,0.8s,baz=185,slow=8.8,SNR=3.9
KURBB Kurchatov Arra 42.76 52 P P
MKAR Makanchi Array 45.63 57 P P
ZALV Zalesovo Beam 46.44 47 P P

AEIC 22:20:35:19.9:1.7,60.15N:0.03:-153.98W:0.09,
n212km,5km,ML3,3,ML3,6/116(NEIC),Error ellipse:
s-maj=7.8km s-min=2.4km az=124.0

ISC 22:20:35:21.0:1.0,9.60:25N:0.05:-153.92W:0.05,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like Port Alsworth, Iliamna South, Iliamna Volcan, etc.

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Main table with columns: L20K, L20K, SEW, SEW, CNTC, M22K, M22K, P16K, KDKA, KDKA, PMR, PMR, PPLA, PPLA, CUT, CUT, PUL, PUL, TTA, TTA, GHO, GHO, GHO, GHO, KNK, KNK, KNK, KNK, R17K, OHAK, OHAK, OHAK, OHAK, OHAK, OHAK, K20K, K20K, SML, SML, SML, SML, P23K, CAST, CAST, M23K, WAT7, SCM, SCM, KTH, KTH, TRF, TRF, TRF, TRF, WAT1, WAT1, SII, CHUM, CHUM, WAT6, WAT6, J20K, J20K, RND, RND, RND, RND, EYAK, EYAK, BPAW, BPAW, BPAW, DIV, KLU, KLU, KLU, M24K, M24K, MCK, MCK, MCK, MCK, DHY, DHY, BWN, BWN, BWN, PS12, PS12, CHIR, GOAT, RAGM, CHGN, CHGN, BMRM, BMRM, N25K, N25K, N25K, KAIM, PAX, PAX, PAX, NEA2, NEA2, NEA2, NEA2, NEA2, WACK, MLY, MLY, I21K, I21K

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Table with columns: I21K, I21K, I21K, WRH, WRH, WRH, BERG, GLB, GLB, VREDI, VREDI, VREDI, K24K, CCB, CCB, CCB, HDA, HDA, I23K, I23K, MDM, TCOL, TCOL, COLA, H21K, H21K, MCARA, MCARA, RIDG, RIDG, SNH, MENT, IL31, ILAR, ILAR, ILAR, M26K, M26K, M26K, POKR, POKR, POKR, KIAG, BALM, L26K, IMAR, DOT, H22K, SCRK, SCRK, SCRK, BARN, M27K, H24K, L27K, J26L, BCAR, POC, PCMA, PCMA, COLD, FYU, EGAK, I27K, DAWY, HYT, P29M, BMR, D23K, INK, INK, INK, YKA, YKA, SONM, ZALV, ZALV

KRSC 22:20:42:37.4:1.4,50.72N:157.66E,h47km,19km,ML3.6,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists Kuril Islands stations like Severo-Kuril's, Khodutka, Kamc, Russkaya, Gorelly, Apacha, Petropavlovsk, Dalk, Dalk, Uglvaya, AVH, AVH, AVH, SMAR, KOK, KOK, SDR, SDR, SDR, KREK, KRK, KRK, SPN, SPN, SPN, KBTR, KBTR

IDC 22:20:43:49.9:0.8,30.08N:99.75E,h0km,mb3.9/12,
mbmp3.9/14,ML3.4/2,MS3.7/17,Error ellipse:
s-maj=25.3km s-min=14.7km az=57.0

ISC 22:20:43:52.9:0.6,30.08N:0.08:99.51E:0.06,h18km,n67,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists Sichuan stations like LSA, SHL, MND, ENH, CHAI, TAPN, TAPN, ODAN, PHRA, PHRA, CMAR

Table of astronomical observations for 1693, listing station names, coordinates, and observation times. Includes stations like CMAR, CMAR, CMAR, etc.

Table of astronomical observations for 2016 DEC, listing station names, coordinates, and observation times. Includes stations like RUGZ, CNGZ, WIZ, etc.

Table of astronomical observations for 22d 21h, listing station names, coordinates, and observation times. Includes stations like DMM, GKN, GKN, etc.

NOU 22:45:22.7, 36.82S: 179.82W, h0km, ML4. 1/7, East of North Island, N.Z.
WEL 22:45:35.4, 1.37S: 179.9E, 1.2, h10km, M3.5/21, ML3.9/25, MLV3.5/21. Error ellipse: s-maj=0.0km

ISC 22:01:49.0±0.2, 30.01N:008.9956E:0.06, h18km, n55, i196/51, mb4.0/2.2, MS3.5/11, Sichuan

ISC 22:19:18.9±1.6, 35.02N:24.03E, h40km, 14km, mb3.7/11, mbtmp3.8/19, ML3.6/8, Error ellipse: s-maj=20.4km

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

1695

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, KSRS Korea Array, AAK Ala-Archa, KURBB Kurchatov Arr, ZALV Zalesovo Beam, GEYT Alibeck, WRA Warramunga Arr, ASAR Alice Springs.

GUC 22 22:09:48.6, 0.9, 31.90S, 72.05W, h32km, 2km, ML3.7
IDC 22 22:09:51.7, 3.3, 32.07S, 72.25W, h47km, 2.7km, mb3.9/1,
mbtmp3.7/5, ML3.6/4, MS3.0/1, Error ellipse: s-maj=36.8km
s-min=26.7km az=149.0

Main table for 1695 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CATAPILCO, COMBARBAL, EI ROBLE, SAN ESTEBAN, CURACAC, EI PEDREGAL, PELEDUE, SANTO DOMINGO, RENCA, TOLONO OBSERVA, UNIVERSIDAD AD, POPETA, TALAGANTE, FARELLONES, LA SERENA, LA PUNTA, LAS MELOSAS, PICHILEMU, JUNTAS DEL TOR, TUNCA, SIERRA BELAVI, PASO FLORES, LIMON VERDE, VILLA FLORES, TORODI AR. BEA, BOROVY ARR, ZALV Zalesovo Beam.

IDC 22 22:21:39.5, 3.3, 5.81S, 154.60E, h54km, 26km, mb3.7/10,
mbtmp4.0/13, ML3.4/3, MS2.5/1, Error ellipse:
s-maj=25.1km s-min=14.7km az=77.0

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NEIC 22 22:21:43.3, 2.3, 5.8S, 0.1, 154.47E, 0.09, h78km, 6km,
mb4.2/1, Error ellipse: s-maj=18.4km s-min=8.5km
az=215.0

ISC 22 22:21:40.7, 0.6, 5.80S, 0.06, 154.55E, 0.08, h61km, n30,
s1503/33, mb3.8/16, Bougainville-Solomon Islands
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABUL Rabaul, KRVT Karavat, PMG Port Moresby, PMG Port Moresby, PATS Pohnppei, DZM Mont Dzumac, WRO Warramunga Arr, WB0 Warramunga Arr, WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, BBOO Buckleboo, BKZ Black Stump Fm, MORW Morawa, TPUB Ta-pu, CMAR Chiang Mai Arr, SONMI Songino Array, MKAR Makanchi Array, ILAR Gleason Array, ZALV Zalesovo Beam, QSPA South Pole O4s, BRMK Burt Mountain, NRIK Norilsk, BVAR Borovoy Array, TORODI AR. BEA.

SOME 22 22:22:07.8, 39.48N, 74.68E, h5km
NNC 22 22:22:10.1, 1.9, 39.55N, 74.66E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=13.6km s-min=11.7km az=145.0

KRNET 22 22:22:11.5, 0.1, 39.55N, 74.88E, mb2.6
ISC 22 22:22:18.6, 2.2, 39.89N, 0.09, 74.57E, 0.05, h16km, 15km,
n23, s152/38, 10C-4D, Southern Xinjiang

Main table for 2016 DEC with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OHH Osh, OHH Karamyk, DRK Karamyk, UCH Uchto, ULHL Ulahol, ULHL Ulahol, ARK Arkit, ARK Karagaybulak, BTK Batken, MRKS Merke, MRKS Merke, KST Kastek, KST Kastek, TNS5 Tian-Shan, TNS5 Tian-Shan, MDOK Medeo, MDOK Medeo, MDOK Karabastau, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, KTBS Karatobe.

22d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KTBS Karatobe, KTBS Karatobe, KUU Kury, KUU Kury, KUU Kury, CHKK Chushkaly, CHKK Chushkaly, CHKK Chushkaly.

GII 22 22:22:27.2, 0.3, 30.33N, 31.81E, h80km, MD3.5/3,
Mm3.5/4
HLW 22 22:22:27.0, 30.26N, 31.92E, h7km, 1km, MD3.6
ISC 22 22:22:26.2, 1.4, 30.33N, 0.05, 31.91E, 0.04, h8km, 11km,
n29, s057/42, Egypt

Main table for 22d 22h with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOT Kottamia, KOT Kottamia, HHAG Hagoal, HHAG Hagoal, HLW Helwan, GLL Jalalab, HSAF As Saff, SUZ Suez, HMYD Mayadein, ZAF Zafarana, ZNM Zenema, HNAT Natroun, RYAN Fayoum, HRDS Abu Ruidays, GRB Gharib, KZIT Kziot, KRMI Paron Flat, MBRI Mt Berrech, HBST Basata, NUB Nuweibab, EIL Elat, HRFI Mount Harif, TAMRE EI Minia, ZFRI Zfri, AMAZ Amatzia, HDHB Dhabah, YTRF Yatrit, SLTI Sal'it, SLDT Nahal Hemdat, HMMD Mount Malkishu, MMLI Hanita, HNTI Hanita.

THE 22 22:29:55.7, 35.00N, 23.82E, h27km, 1km, ML2.9/4, Error
ellipse: s-maj=3.0km s-min=0.8km az=234.0
ATH 22 22:29:56.7, 35.04N, 23.87E, h18km, 1km, ML2.8/6, Error
ellipse: s-maj=2.6km s-min=1.1km az=241.0
ISC 22 22:29:56.4, 1.2, 35.03N, 0.05, 23.88E, 0.05, h25km, 9km,
n24, s058/25, Crete

Main table for 22d 22h with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GVDS Gavdos, GVD Gavdos, GVD Gavdos, GVD Gavdos, KNDR Palaiochora Ch, KNDR Palaiochora Ch, KNDR Palaiochora Ch, CHAN Chanina, CHAN Chanina, TMKB Timbakheri, TMKB Timbakheri, SIVA Sivas, SIVA Sivas, SIVA Sivas, IDI Anoyia, IDI Anoyia, KTHR Anoyia, VLI Veliai.

IDC 22 22:35:06.2, 0.6, 6.70S, 153.87E, h0km, mb4.4/16,
mbtmp4.4/20, ML3.7/4, MS3.6/17, Error ellipse:
s-maj=18.3km s-min=13.2km az=84.0
BUJ 22 22:35:06.3, 0.0, 6.49S, 154.10E, h8km, mb4.6/38,
mb5.2/16, Ms4.7/2, Ms7.4/5/2

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like East Tongariro, West Tongariro, Taurewa, North Ngauruhoe, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Kahutara, Denniston North, Denniston South, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Combarbal, Tololo Observa, La Serena, etc.

GUC 22:18:21.1±0.8, 30:79S, 70:49W, h113km±3km, M13.7, 163-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like El Pedregal, Deep Cove, Vanda, etc.

22Z 23h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station details like frequency and power.

IDC 22:33:22.12.8.1.0.79SR:126.56E, h0km, mb3.9/5, m1btp3.9/6, M148/9/1, Error ellipse: s-maj=47.9km s-min=19.8km az=64.0

NEIC 22:33:26.8.1.3.0.83SR:0.07x127.31E.0.08, h89km, 15km, mb4.3/10, Error ellipse: s-maj=11.8km s-min=9.5km az=62.0

DJA 22:33:27.5.0.3.1'Ss.3x12'7E., h114km, 5km, M4.3/16, mb4.3/7, mB5.2/3, MLV4.2/16, Mw(mB)4.5/3

ISC 22:33:26.0.0.7.0.69SR:0.127.37E.0.08, h100km, n37, az=164/36, mb4.1/7, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station details.

NEIC 22:33:38.33.6.1.9.20AS:0.1x178.5VL.0.1, h604km, 7km, mb4.4/10, Error ellipse: s-maj=16.6km s-min=14.5km az=172.0

ISC-EH 22:33:38.34.2.20SR:38.178.47W, h61km, 5km, Error ellipse: s-maj=7.5km s-min=4.5km az=133.0

IDC 22:33:38.35.6.1.7.20SR:178.62W, h626km, 19km, mb3.5/14, m1btp4.4/16, Error ellipse: s-maj=19.7km s-min=13.8km az=134.0

ISC 22:33:33.0.0.4.20SR:0.08x178.45W.0.08, h600km, n195, az=190/202, mb4.3/63, 31C-1D, Fiji Islands region

2016 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station details.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station details.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SOMM, AS31, ASAR, CMAR, GSI, LSA, UNV, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OHAK, Q19K, O19K, TTA, N19K, KDAK, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like COLD, COLB, KBK, DHY, DHY, CHMS, etc.

Table with columns: Station, Comp, Az, El, P, I, A, M, B, Time, and other parameters. Includes stations like KK31, KK31, KKAR, KKAR, KKAR, etc.

Table with columns: Station, Comp, Az, El, P, I, A, M, B, Time, and other parameters. Includes stations like EUNU, YKA, YKA, YKA, etc.

Table with columns: Station, Comp, Az, El, P, I, A, M, B, Time, and other parameters. Includes stations like MZP, MZR, HLID, HLID, etc.

23d 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, GVZ Greta Valley S, DSZ Denniston Nort, TOZ Tahuroa Road, etc.

IDC 23 01:44:41.1z, 5.5, 60.81N, 152.28W, h76km, 31km, mb3.5/5, mbtmp3.6/9, Error ellipse: s-maj=56.5km s-min=14.6km

NEIC 23 01:44:42.1z, 2.60, 74N, 0.04, 151.87W, 0.08, h98km, 5km, Error ellipse: s-maj=6.4km s-min=5.7km az=172.0

AEIC 23 01:44:43.8z, 1.2, 60.78N, 0.04, 151.87W, 0.08, h80km, 7km, ML3.1, ML3.4/140(NEIC), Error ellipse: s-maj=6.2km s-min=5.7km az=153.0

ISC 23 01:44:42.4z, 0.8, 60.77N, 0.03, 151.87W, 0.03, h90km, 6km, n165, o970/156, mb3.5/5, Kenal Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CAPN Captain Cook N, CAPN Captain Cook N, SPU Mount Spurr, N20K Mount Spurr, etc.

2016 DEC

Table with columns: PMR, IAML, Time, Res. Includes stations like PMR Palmer, M19K Big River Lodg, M19K Big River Lodg, etc.

1704

Table with columns: VRDI, IAML, Time, Res. Includes stations like VRDI Verde Repeater, VRDI Verde Repeater, VRDI Verde Repeater, etc.

IDC 23 01:45:06.9z, 4.0, 5.78S, 148.22E, h51km, 43km, mb3.7/2, mbtmp4.1/5, ML4.1/2, Error ellipse: s-maj=63.1km s-min=20.2km az=126.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Atsumi, Sado, Kaneyama, Ashikaga, Suzu, Matsushiro, etc.

IDC 23 02:01:17.8, 7.4, 6.69S, 147.76E, h77km, 67km, mb3.3/1, mbtmp3.5/3, ML3.5/1, Error ellipse: s-maj=103.7km

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

IDC 23 02:02:56.4, 0.8, 4.77S, 151.31E, h122km, 11km, mb3.6/3, mbtmp4.0/4, Error ellipse: s-maj=40.4km s-min=16.6km

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

IDC 23 02:09:53.2, 6.2, 4.75S, 153.65E, h122km, 39km, mb3.3/5, mbtmp3.7/5, Error ellipse: s-maj=69.3km s-min=24.5km

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

mbtmp3.7/6, ML2.8/1, MS3.9/2, Error ellipse: s-maj=104.5km s-min=28.3km az=143.0

DSN 23 02:14:35.7, 2.8, 29.42N, 51.50E, h10km, ML3.4/6, Error ellipse: s-maj=106.5km s-min=25.6km az=51.0

ISC 23 02:14:28.2, 0.9, 29.94N, 50.45136E, 0.05, h15km, n38, i=156/32, mb3.6/5, Southern LR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kazerun, Shiraz, AHRAM, etc.

IDC 23 02:27:32.4, 0.6, 3.73S, 141.50E, h0km, mb4.0/18, mbtmp4.0/22, ML3.8/3, MS3.2/8, Error ellipse: s-maj=17.6km s-min=14.8km az=83.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kawauchi, Minamisomatoc, Marumori, etc.

IDC 23 02:35:25.1, 1.37S, 137.003, 141.52E, 0.04, h20km, 4km, n142, i=130/137, mb4.2/40, MS3.7/3, 6C-4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kawauchi, Minamisomatoc, Marumori, etc.

JGF Kuroka 3.78 244 P Pn 02 28 34.5 +2.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Inuyama, Mitsuue, Hachiojima 2, etc.

JEM Orimo 4.83 15 P Pn 02 28 48.0 +1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kamikawa-asahi, Asahikawa, etc.

JHS Saijo 7.19 253 P Pn 02 29 21.1 +1.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Saijo, Yuzuh-Sakhalins, etc.

JNU Nakatsue 9.67 247 LR LR 02 33 59.3

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

PETK Petropavlovsk 19.37 30 LR LR 02 40 34.8

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

HNS HongShan 21.29 278 P Pn 02 32 18.8 -1.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Hu-ho-hao-te, etc.

HHC Hu-ho-hao-te 23.45 288 eP P 02 32 44.5 +1.1

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

WMO Urumqi 40.77 297 eP P 02 35 16.6 +1.6

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sierra La Lagu, La Paz, Topolobambo, Sanalona, Lajitas Array, etc.

NNC 23 04:37:58.4-2.53:70N:90:75E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=31.5km s-min=23.9km az=57.0, Suspected Mining explosion.

IDC 23 04:38:00.9-5.0, 53:64N:90:75E, h0km, mbmp3.2/3, ML3.2/2, Error ellipse: s-maj=54.4km s-min=26.4km az=39.0

ISC 23 04:38:01.3-4.1, 53:77N:0:1:90.6E:0.2, h0km, n10, c079:11, 9C-5D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Zalesovo Array, Zalesovo Beam, Kurchatov, etc.

CFUSG 23 04:42:50.6, 42:16N:41:45E, h2km, mb2.7/1, Black Sea East Magtype MSH 3.1 from 1 stations

ISK 23 04:42:50.9, 41:93N:41:64E, h17km, 2km TIF 23 04:42:51.7, 41:86N:41:71E, h6km, ML2.9/9

NORS 23 04:42:51.7, 41:86N:41:71E, h6km, MPV4.3 DDA 23 04:42:51.4, 41:89N:41:66E, h27km, 1km, ML2.6

MOS 23 04:42:53.2, 0.0, 42:02N:41:45E, h10km, MPV4.6 ISC 23 04:42:51.0, 41:93N:0:01:41:66E:0.02, h12km, 5km, n88, c1829/155, 1C, Turkey-Gorgia-Armenia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hopa-Artvin, Agillar, Abastumani, Posof, Bademkaya, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KARS, Kars, Digorskoje uzhe, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

23d 5h

BR131	I Amb	I Amb	05 06 26.0			
BRTR	comp=Z,10nm,1.3s					
	Keskin Array B	58.19 309	P	P	05 06 06.3 +0.1	
	comp=Z,1.4nm,0.7s,baz=121,slow=8.7,SNR=8.5					
AKASG	comp=Z,1.4nm,0.7s					
	Malin Array Be	63.62 321	P	P	05 06 42.7 +0.1	
	comp=Z,0.3nm,0.4s,baz=83,slow=4.6,SNR=6.3					
AKASG	comp=Z,0.3nm,0.4s					
	Malin Array Be	63.62 321	P	I Amb	05 06 41.9 -0.7	
AKASG	comp=Z,5.5nm,1.4s					
VRI	Vrincioaia	64.30 315	↑P	P	05 06 48.4 +1.3	
PLOR	Plostina	64.35 315	↑P	P	05 06 49.5 +2.1	
MLR	Muntele Rosu	64.78 315	↑P	P	05 06 52.0 +1.5	
MNK	Minsk	65.33 325	↑P	P	05 06 51.8 -1.9	
	comp=E,4.0nm,1.1s					
MNK	comp=N,38nm,0.8s					
MNK	comp=Z,1.1nm,0.7s,baz=284					
MNK	i PcP	PcP	05 07 23.7 -2.1			
MNK	i PP	PP	05 09 15.5 -2.0			
MNK	i PPP	PPP	05 10 48.2			
MNK	i S	S	05 13 36.6 +0.7			
MNK	i ScS	SKKSac	05 16 47.1 +0.1			
MNK	i SS	SS	05 19 50.8 +1.8			
MNK	i SSS	SSS	05 22 55.9			
MNK	i LQ	LQ	05 31 14.3			
MNK	i LR	LR	05 35 44.2			
MNK	i LRM	MLR	05 37 52.5			
MNK	comp=E,25nm,14.8s					
MNK	comp=Z,226nm,16.8s					
MNK	comp=N,373nm,17.4s					
VOIR	Bucovina Array	65.40 315	↑P	P	05 06 54.2 -0.2	
BURAR	Marisel-CIuj	65.60 317	↑P	P	05 06 57.5 +1.7	
MARR	Tarpa	66.89 316	↑P	P	05 07 05.4 +1.4	
TRPA	ARCES Array B	67.48 330	↑P	P	05 07 09.2 +1.7	
ARCES	ARCES Array B	70.62 340	P	P	05 07 27.4 +0.6	
	comp=N,3.5nm,0.8s,baz=92,slow=7.3,SNR=4.1					
GERES	GERES Array B	73.37 318	P	P	05 07 44.7 +0.9	
	comp=Z,2.4nm,0.3s,baz=86,slow=6.0,SNR=6.0					
NB2	NORSAR Subarra	75.08 330	P	P	05 07 53.3 -0.1	
	comp=Z,10nm,1.2s,baz=94,slow=5.9					
NOA	NORSAR Array B	75.08 330	P	P	05 07 53.5 +0.1	
	comp=Z,2.3nm,0.9s,baz=90,slow=5.8,SNR=3.9					
BOSA	Boshof	76.21 236	P	P	05 08 02.7 +2.2	
	comp=Z,6nm,0.7s,baz=94,slow=6.3,SNR=4.9					
TORD	Tordi Ar. Bea	87.71 283	P	P	05 09 02.6 +1.5	
	comp=Z,0.9nm,1.0s,baz=67,slow=4.4,SNR=3.8					
RPZ	Rata Peaks	90.43 135	LR	LR	05 52 14.0	
	comp=Z,32nm,18.4s,baz=311,slow=37					
ILAR	Eielson Array	91.57 22	P	P	05 09 17.1 -1.1	
	comp=Z,0.4nm,0.7s,baz=304,slow=4.5,SNR=4.8					
	comp=Z,0.4nm,0.7s					

KRNET 23 05:09:32.3±0.1, 42.72N:76.57E, h25km, mb3.2
 SOME 23 05:09:32.9±0.2, 42.73N:76.53E, h20km
 NNC 23 05:09:33.3±0.5, 42.76N:76.53E, h0km, mb3.2, mpv3.5,
 Error ellipse: s-maj=4.0km s-min=2.1km az=175.0
 KNET 23 05:09:34.9±0.7, 42.70N:76.35E, h0km, ml2.3, Error
 ellipse: s-maj=5.0km s-min=2.4km az=55.0
 ISC 23 05:09:32.5±1.0, 42.71N:0.02E:76.53E±0.01, h10km, gkm,
 178, ±0.99/147, 30C-26D, Lake Issyk-Kul region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
				h m s	h m s	ISC
IZV	Izvestkoviy	0.34	10	eP	05 09 39.5	+0.1
	89nm,0.1s					
IZV	Izvestkoviy			eS	05 09 44.2	+0.4
	796nm,0.3s					
IZV	Izvestkoviy	0.34	10	P	05 09 39.5	+0.1
	89nm,0.1s					
IZV	Izvestkoviy			S	05 09 44.2	+0.4
	796nm,0.3s					
IZV	Izvestkoviy	0.34	10	eP	05 09 39.5	+0.1
	baz=6.0					
IZV	Izvestkoviy			eS	05 09 44.3	+0.4
MTBS	Matube	0.43	350	eP	05 09 41.1	+0.1
	216nm,0.2s					
MTBS	Matube			eS	05 09 46.9	+0.1
	455nm,0.2s					
MTBS	Matube	0.43	350	P	05 09 41.1	+0.1
	216nm,0.2s					
MTBS	Matube			S	05 09 46.9	+0.1
	455nm,0.2s					
MTBS	Matube	0.43	350	eP	05 09 41.1	+0.1
	baz=46					
MTBS	Matube			eS	05 09 46.9	+0.1
TNSS	Tian-Shan	0.45	43	eP	05 09 41.3	-0.2
	45nm,0.2s					
TNSS	Tian-Shan			eS	05 09 47.1	-0.4
	170nm,0.2s					
TNSS	Tian-Shan	0.45	43	P	05 09 41.3	-0.2
	45nm,0.2s					
TNSS	Tian-Shan			S	05 09 47.1	-0.4
	170nm,0.2s					
TNSS	Tian-Shan	0.45	43	eP	05 09 41.3	-0.2
	baz=41					
TNSS	Tian-Shan			eS	05 09 47.1	-0.4
BOOM	Boomsokoye usch	0.49	244	eP	05 09 42.7	-0.6
	baz=44					
BOOM	Boomsokoye usch			↑eS	05 09 50.2	-0.4
ULHL	Ulaloh	0.51	205	↑P	05 09 43.6	-0.1
	49nm,0.1s,SNR=41					
ULHL	Ulaloh			↑S	05 09 50.8	-0.4
	226nm,0.1s					
ULHL	Ulaloh	0.51	205	eP	05 09 43.0	-0.7
	baz=7.0					
ULHL	Ulaloh			↑eS	05 09 50.7	-0.5
KST	Kastek	0.54	309	eP	05 09 43.5	+0.5
	60nm,0.2s					
KST	Kastek			eS	05 09 50.9	+0.9
	269nm,0.2s					
KST	Kastek	0.54	309	P	05 09 43.5	+0.5
	60nm,0.2s					
KST	Kastek			S	05 09 50.9	+0.9
	269nm,0.2s					
KST	Kastek	0.54	309	eP	05 09 43.5	+0.5
	baz=7.0					
KST	Kastek			eS	05 09 51.0	+0.9
AAA	Alma-Ata	0.58	29	eP	05 09 43.7	-0.1
	137nm,0.1s					
AAA	Alma-Ata			eS	05 09 51.5	+0.1
	653nm,0.1s					
AAA	Alma-Ata	0.58	29	P	05 09 43.7	-0.1
	137nm,0.1s					
AAA	Alma-Ata			S	05 09 51.5	+0.1
	653nm,0.1s					
AAA	Alma-Ata	0.58	29	P	05 09 43.7	-0.1
	baz=27					
AAA	Alma-Ata			eS	05 09 51.5	+0.1
MDOK	Medeo	0.59	40	eP	05 09 43.6	-0.6
	24nm,0.3s					
MDOK	Medeo			eS	05 09 51.3	-0.7
	105nm,0.3s					
MDOK	Medeo	0.59	40	↑P	05 09 43.5	-0.6
	11nm,0.4s					
MDOK	Medeo			Pg	05 09 43.6	-0.6
	24nm,0.3s					
MDOK	Medeo			Lg	05 09 51.3	
	105nm,0.3s					
MDOK	Medeo			↑S	05 09 51.3	-0.7
	63nm,0.5s					
MDOK	Medeo	0.59	40	eP	05 09 43.6	-0.6
	baz=38					
MDOK	Medeo			eS	05 09 51.3	-0.7
KNDC	Almaty	0.60	32	↑P	05 09 44.2	-0.1
	40nm,0.2s					
KNDC	Almaty			↑S	05 09 52.7	+0.5
	199nm,0.3s					
TKM2	Tokmak 2	0.72	288	↑P	05 09 47.1	-0.2

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TKM2	16nm,0.1s,SNR=14		↑S	Sg	05 09 56.1	+0.2
TKM2	105nm,0.1s	0.72	288	↑P	05 09 46.9	+0.4
	Tokmak 2			Pg	05 09 57.2	-0.1
	2.8nm,0.2s					
TKM2	37nm,0.2s	0.72	288	↑eP	05 09 46.8	+0.3
	Tokmak 2			Pg	05 09 57.3	-0.1
	baz=86					
TKM2	baz=86			↑eS	05 09 57.3	-0.1
KDJ	Kajisay	0.75	140	eP	05 09 46.6	-0.4
	baz=42					
KDJ	Kajisay			↑eS	05 09 56.8	-1.4
ANVS	Anan'yevov	0.84	84	eP	05 09 48.0	-0.8
	baz=85					
ANVS	Anan'yevov			↑eS	05 09 59.2	-0.6
KTBS	Karabote	1.01	6	eP	05 09 51.3	-0.9
	23nm,0.1s					
KTBS	Karabote			eS	05 10 04.4	-1.3
	156nm,0.4s					
KTBS	Karabote	1.01	6	P	05 10 51.3	-0.9
	23nm,0.1s					
KTBS	Karabote			S	05 10 04.4	-1.3
	156nm,0.4s					
KTBS	Karabote	1.01	6	eP	05 09 51.3	-0.9
	baz=5.0					
KTBS	Karabote			eS	05 10 04.4	-1.3
	156nm,0.4s					
KBK	Karagaybulak	1.17	268	↑P	05 09 55.7	+0.7
	11nm,0.1s,SNR=16					
KBK	Karagaybulak			↑S	05 10 11.2	0.0
	71nm,0.3s					
KBK	Karagaybulak	1.17	268	↑eP	05 09 54.3	-0.8
	baz=68					
KBK	Karagaybulak			↑eS	05 10 10.5	+0.3
KRBS	Karabastau	1.17	328	eP	05 09 54.6	-0.5
	58nm,0.1s					
KRBS	Karabastau			eS	05 10 10.0	-0.2
	32nm,0.2s					
KRBS	Karabastau	1.17	328	Pn	05 09 54.6	-0.5
	58nm,0.1s					
KRBS	Karabastau			S	05 10 10.0	-0.2
	32nm,0.2s					
KRBS	Karabastau	1.17	328	eP	05 09 54.6	-0.5
	baz=27					

IDC 23 06:56:23.1.1.5, 11:26S; 161.24E, h0km, mb4.0/6, mbtmp4.07, ML5.4/1, MS3.2/6, Error ellipse: s-maj=42.3km s-min=26.9km az=137.0

NEIC 23 06:56:24.2.1.1, 11:24S; 0:06:161.3E:0.1, h10km, 1km, mb4.6/15, Error ellipse: s-maj=24.5km s-min=9.1km az=78.0

ISC 23 06:56:24.3.0.6, 11:26S; 0:08:161.2E:0.1, h10km, n29, 0598/26, mb4.2/15, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations like HNR Honiara, HNR Koumac, DZM Mont Dzumac, etc.

NNC 23 07:20:59.8.0.8, 50:00N; 78.85E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=26.3km s-min=3.7km az=67.0, Suspected Mining explosion.

IDC 23 07:21:01.7.0.9, 50:06N; 78.74E, h0km, mbtmp2.8/3, ML2.2/9, Error ellipse: s-maj=9.8km s-min=6.2km az=51.0

ISC 23 07:21:01.7.0.9, 50:02N; 0:05:78.64E:0.08, h0km, n17, 0576/23, 14C-9D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations like KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, etc.

IDC 23 07:50:08.0.5.9, 6:14S; 153.50E, h54km, mb3.2/6, mbtmp3.8, ML2.7/2, MS3.4/2, Error ellipse: s-maj=57.6km s-min=19.2km az=9.4

ISC 23 07:50:05.4.1.1, 5:91S; 0:09:153.6E:0.1, h32km, n10, 01594/12, mb3.4/6, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations like KRVT Keravat (AS076).

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations like HNR Honiara, PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 23 07:56:08.0.3.1, 6:53S; 153.69E, h0km, mb3.4/2, mbtmp3.5/3, ML3.6/1, Error ellipse: s-maj=65.5km s-min=29.2km az=85.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations like KRVT Keravat (AS076), WRA Warramunga Arr, etc.

TRN 23 08:13:35.7.1, 04:1N; 62.16W, h18km, MD3.3

FUNV 23 08:13:36.4.1, 0:94N; 62.17W, h29km, MW3.1

ISC 23 08:13:34.7.1.5, 10:36N; 0:05:62.23W:0.04, h85km, n17, 0594/23, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations like TRN Trinidad (W), TRN Carupano, etc.

NNC 23 08:24:16.3.2.8, 5:53S; 87.49E, h0km, mb3.6, mpv3.3, 3C-8D, Error ellipse: s-maj=21.8km s-min=12.9km az=58.0, Suspected Mining explosion, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations like ZAA0 Zalesovo Array, KURK Kurchatov, etc.

IDC 23 08:27:07.0.1.6, 37:51N; 141.39E, h0km, mb3.4/3, s-min=27.5km az=23.0

JMA 23 08:27:08.2.0.2, 37:29N; 0:4:14.2E, h30km, 1km, MV3.3/38, E OFF FUKUSHIMA PREF

ISC 23 08:27:10.0.2.0, 37:23N; 0:05:141.35E:0.09, h24km, n13, 05135/18, mb3.4/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations like JFK Kawauchi, JMST Minamisoumatoc, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations like YKA Yellowknife Arr, H03N2 Juan Fernandez, etc.

SNET 23 08:31:46.0.8.8, 12:79N; 88.69W, h37km, mb2.9

INET 23 08:31:46.2.0.6, 12:73N; 88.58W, h19km, 6km, MW3.0

ISC 23 08:31:44.8.2.1, 12:3N; 0:08:69.0:08, h67km, n14, 0543/18, 2C, Off coast of central America

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations like COEB Comit de Eme, TECO Alcadia de Te, etc.

IDC 23 08:53:03.3.1.3, 4:95S; 151.24E, h94km, 29km, mb2.9/2, mbtmp3.2/2, Error ellipse: s-maj=52.1km s-min=34.2km az=113.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations like KRVT Keravat (AS076), WRA Warramunga Arr, etc.

NNC 23 08:54:16.2.2.1, 51:20N; 81.14E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=19.8km s-min=9.4km az=15.0, Suspected Mining explosion.

IDC 23 08:54:18.3.1.4, 51:12N; 80.83E, h0km, mbtmp2.8/3, ML2.3/9, Error ellipse: s-maj=16.4km s-min=10.6km az=36.0

ISC 23 08:54:14.8.0.9, 51:44N; 0:07:81.01E:0.06, h0km, n8, 01519/9, 2C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations like KURK Kurchatov, KURBB Kurchatov Arra, etc.

MDD 23 08:57:26.3.0.6, 36:05N; 5:07W, h81km, 5km, Mb2.7/17, Error ellipse: s-maj=4.4km s-min=2.6km az=162.0

SFS 23 08:57:26.0, 36:06N; 5:10W, h78km, ML3.0, E, ESTRECHO DE GIBRALTAR

INMG 23 08:57:27.3.1.2, 36:12N; 5:13W, h76km, 3km, ML2.2, Error ellipse: s-maj=3.4km s-min=2.7km az=156.0

CNRM 23 08:57:29.1, 36:19N; 5:41W, h108km, m2.3

ISC 23 08:57:24.0.1.8, 36:03N; 0:08:5:04W:0.04, h94km, 9km, n45, 01548/1, 16C-1D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations like CEU Ceuta, ECEU Ceuta, etc.

23d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Noril'sk, Magadan, Seymchan, Kurchatov, etc.

NNC 23 10:22:42.9-6.6, 53.55N, 62.82E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=94.9km s-min=21.5km az=148.0, Suspected Mining explosion.

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

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Table with columns: AKTO, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Aktyubinsk, I31KZ, AB31, etc.

IDC 23 10:30:37.2-0.7, 21.26N, 121.79E, h0km, mb3.9/9, mbtmp3.9/9, MS3.1/3, Error ellipse: s-maj=43.4km s-min=15.7km az=70.0

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

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Table with columns: EHY, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chigu Township, Yu-Shan, WCKO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JKRS Kuro-shima, SX11 Grass Mountain, SX11, etc.

Code Station Name Az Az2 Phase ID Time Res h m s ISC
JMTN Minamitane 0.20 284 S P 10 39 04.6 +0.8
JMTN Tnegashima 3 0.3 337 P S 10 39 10.0 +0.7

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WBO Warramunga Arr, GAR Garm, WRA Warramunga Arr, etc.

TRF comp=2,6.9nm,1.4s Iamb Iamb 10 49 04.3
FINES FINES Array B 70.55 331 P P 10 50 09.0 -0.3
FINES FINES Array B 70.55 331 P P 10 50 09.4 0.0

IDC 23 10:46:46.9:0.6,1.0:88Sx161.44E,h0km,mb4.3/16,
mbmp4.3/20,ML3.6/2,MS3.6/8,Error ellipse:
s-maj=19.3km s-min=14.8km az=83.0

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

Code Station Name Az Az2 Phase ID Time Res h m s ISC
MAJO Matsuhiro 51.98 336 P P 10 55 58.2 -0.4
MAJO Matsuhiro 51.98 336 P P 10 56 07.0

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

GTA Gaotai 75.89 315 eP P 10 58 36.1 +0.1
GTA GTA 75.89 315 eP P 10 58 48.3 -0.1
GTA GTA 75.89 315 eP P 10 58 54.1 +4.2

SOMN Songrio Array 76.05 325 P P 10 58 37.3 +0.6
SOMN Songrio Array 76.05 325 P Iamb Iamb 10 58 37.4 +0.6
SOMN Songrio Array 76.05 325 P Iamb Iamb 10 58 38.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like M19K Big River Loud, M19K, CAST Castle Rocks, etc.

Code Station Name Az Az2 Phase ID Time Res h m s ISC
M19K Big River Loud 80.35 20 P P 10 59 00.9 +0.9
M19K Big River Loud 80.35 20 P Iamb Iamb 10 59 01.7

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like M19K, CAST, MCK McKinley, etc.

Table with columns: ULM, Lac du Bonnet, 22.37 62 P, 11 19 18.4 -0.6, etc. Lists various stations and their coordinates.

Table with columns: FW06, Azle, 25.50 104 P, 11 19 47.5 -1.9, etc. Lists various stations and their coordinates.

Table with columns: az=54.0, 11 19 47.5 -1.9, etc. Lists various stations and their coordinates.

ISC-EH 23 11:19:23.5, 10:49S; 161:38E, h49km, 10km, Error ellipse: s-maj=6.7km s-min=5.6km az=109.0

23d 12h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Q19K Cape Douglas, SWV2 Sparrevohn, N19K Bonanza Creek, etc.

SOME 23 11:24:57.6, 44.37N-83.00E, h5km, NNC 23 11:24:59.2, 8.24, 15N-83.00E, h0km, mb3.6, mpv3.0, Error ellipse: s-maj=27.5km s-min=10.3km az=132.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like DJR Jarkent, MK31 Makanchi Array, SHLS Shalkode, etc.

ISC 23 11:34:11.2, 0.6, 88S-129.51E, h0km, mb3.9/1, mbmp3.5/3, ML3.5/2, MS3.5/1, Error ellipse: s-maj=86.2km s-min=31.9km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, DZM Mount Dzumac, etc.

ISC 23 12:10:43.4, 1.0, 49.55S-126.38E, h0km, mb3.9/7,

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Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, STKA Stephens Creek, etc.

UUSS 23 12:12:54.4, 2.5, 41.42N-0.04, 112.74W, 0.05, h1km, 8km, ML2.5/10, ML2.6/108(NEIC), Error ellipse: s-maj=5.9km s-min=5.6km az=207.0

NEIC 23 12:10:45.0, 2.0, 41.41N-0.02, 112.75W, 0.05, h5km, 2km, Error ellipse: s-maj=6.8km s-min=3.3km az=110.0, Utah

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SPUT South Promonto, EPU East Promontor, HUU Hansel Valley, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PD31 Pinedale Array, PDAR Pinedale Array, MOOW Moose Ponds, etc.

DJA 23 12:18:16.4, 0.4, 7.3, 3.12, 12.5E, h515km, 5km, M4.1/11, mb4.8/8, mb4.1/11, MLV4.1/10, Mw(mb)4.0/5, IDC 23 12:18:17.5, 1.6, 7.08S-125.71E, h524km, 23km, mb3.3/1, mbtmp4.3/6, Error ellipse: s-maj=39.5km s-min=19.1km az=114.0

NEIC 23 12:18:17.3, 1.1, 7.1S, 0.1, 125.6E, 0.2, h524km, 21km, mb4.2/7, Error ellipse: s-maj=31.4km s-min=20.3km az=89.0

ISC 23 12:18:16.1, 0.8, 6.98S-0.07, 112.50E, 0.09, h511km, n48, r136/51, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SOEI Soe, SOEI Soe, SOEI Soe, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S. Includes stations like COLA College, MDM Murphy Dome, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S. Includes stations like BESE Bessie Mountain, UNV Unalaska Valle, etc.

Table with columns: Code, Station Name, Az, El, P, S, Phase ID, Time, H, m, s, Res. Includes stations like mB5, A/26, Ms5, etc.

ARU	Arti	comp=Z,87nm,20.0s,baz=70,slow=36	P	14 42 00.1	-1.8	
ARU		97.13 326c /P		14 45 56.5		
ARU			SKSac	14 52 35.4	-3.7	
ARU			SP	14 54 44.6	-1.5	
ARU			pmax			
GEYT	Alibeck	comp=Z,1.3nm,1.8s	LR	15 26 49.1		
LPIG	La Paz	comp=Z,65nm,20.1s,baz=18,slow=36	LR	15 18 46.0		
PDAR	Pinedale Array	97.23 67 LR	LR	15 26 49.8		
KIRV	Kirov	comp=Z,59nm,18.2s,baz=30,slow=35	PKdf	14 42 20.9	-2.0	
MNK	Minsk	101.86 329i /PKP	PKIKP	14 40 07.7	-2.9	
MNK		comp=E,1.0nm,0.8s	i PKP	PKIKP	14 47 06.7	-2.9
MNK		comp=N,35nm,0.9s	i PKP	PKIKP	14 47 06.7	-2.9
MNK		comp=Z,6.0nm,0.7s,baz=243	i PPP	PP	14 48 03.6	-1.7
MNK			i PPP	PPP	14 50 28.6	
MNK			i SKS	SKSdf	14 54 17.1	-4.7
MNK			i SS	SS	14 57 42.4	-1.4
MNK			i SSS	SSS	15 03 56.7	+0.5
MNK			i LQ	LQ	15 30 26.6	
MNK			i LR	LR	15 33 55.5	
MNK			i LRM	MLR	15 36 04.4	
MNK		comp=Z,179nm,17.4s	i LRM	MLR	15 36 34.0	
MNK		comp=E,48nm,16.8s	i LRM	MLR	15 36 38.5	
MNK		comp=N,335nm,21.3s	i PKIKP	PKIKP	14 47 06.6	-2.9
MNK			i PPP	PPP	14 48 03.6	
MNK			i PS	PS	14 50 28.6	
MNK			i SS	SS	14 54 17.0	
MNK			i SSS	SSS	14 57 42.3	-1.4
MNK			i LQ	LQ	15 03 56.7	+0.6
MNK			i LR	LR	15 08 11.9	
MNK			i LRM	MLR		
MNK		comp=E,1.0nm,0.8s	pmax	pmax		
MNK		comp=Z,6.0nm,0.7s	pmax	pmax		
MNK		comp=N,35nm,0.9s	MLR	MLR		
MNK		comp=Z,179nm,17.0s	MLR	MLR		
MNK		comp=E,48nm,17.0s	MLR	MLR		
MNK		comp=N,335nm,21.0s	PKIKP	PKIKP	14 47 09.3	-0.9
AKASG	Malin Array Be	114.78 329 ePKP	PKIKP	14 47 09.1	-2.3	
AKAB	NOA	comp=Z,1.0nm,0.6s,baz=56,slow=2.0,SNR=7.5	PKIKP	14 47 09.5	-1.9	
NOA	NORSAR Array B	117.67 340 PKP	PKPdf	14 47 14.5	-1.2	
PLCA	Paso Flores	118.96 143 PKP	PKPdf	14 47 18.8	-0.2	
BOSA	Boshof	119.69 233 PKP	PKIKP	14 47 21.9	+1.1	
MORC	Moravsky Berou	122.29 328 ePKP	PKPdf	14 47 25.0	+0.1	
VYHS	Vyhne	122.30 326 ePKP	PKPdf	14 47 25.0	+0.1	
VYHS	Vyhne	122.30 326 ePKP	PKPdf	14 47 25.1	+0.1	
KRLC	Kraliky	122.52 328 ePKP	PKPdf	14 47 25.1	+0.1	
KRLC	Kraliky	122.52 328 ePKP	PKPdf	14 47 25.1	+0.1	
KRLC	Kraliky	122.52 328 ePKP	PKPdf	14 47 25.1	+0.1	
JAVC	Veika Javorina	122.74 327 ePKP	PKIKP	14 47 26.9	+0.9	
VRAN	Vranov	123.06 328 ePKP	PKPdf	14 47 26.7	+0.3	
MODS	Modra-Piesok	123.23 326 ePKP	PKPdf	14 47 27.5	+0.8	
MODS	Modra-Piesok	123.23 326 ePKP	PKPdf	14 47 27.5	+0.8	
KRUC	Moravsky	123.31 328 ePKP	PKPdf	14 47 26.9	+0.0	
BRG	Berggiesshubel	123.47 330 ePKP	PKPdf	14 47 27.4	+0.3	
BRG		comp=Z,16nm,1.5s	ex	14 47 58.7		
BRG			Amp	14 48 00.3		
BRG		comp=Z,11nm,1.4s	PKIKP	PKPdf	14 47 27.4	+0.3
BRG			pmax	pmax		
BRG		comp=Z,16nm,1.5s	pmax	pmax		
CLL	Collim	comp=Z,11nm,1.5s	ePKP	PKPdf	14 47 27.0	-0.4
CLL	Collim	comp=Z,9.0nm,1.1s	e(sPKP)	PKPdf	14 47 34.0	
CLL	Collim		ePKIKP	PKPdf	14 47 27.0	-0.4
CLL	Collim		pmax	pmax		
RONA	Rosalia, Austr	124.15 326 eP	PKPdf	14 47 28.7	+0.1	
CONA	Conrad Observa	124.26 327 i P	PKPdf	14 47 28.9	+0.1	
FNA	Florina	124.51 317 PKP	PKPdf	14 47 28.9	-0.6	
FNA	Florina	124.51 317 PKP	PKPdf	14 47 28.9	-0.6	
CKRC	Cesky Krumlov	124.56 328 ePKP	PKPdf	14 47 29.7	+0.4	
KHC	Kasperske Hory	124.75 329 PKP	PKPdf	14 47 30.0	+0.3	
KHC	Kasperske Hory	124.75 329 ePKP	PKPdf	14 47 30.0	+0.3	
KHC	Kasperske Hory	124.75 329 PKP	PKPdf	14 47 30.0	+0.3	
ARSA	Arzberg	124.84 326 eP	PKPdf	14 47 30.0	+0.2	
GECC	GERESS Array B	124.86 329 PKP	PKPdf	14 47 30.0	0.0	
GERES	GERESS Array B	124.86 329 PKP	PKPdf	14 47 30.0	0.0	
SOKA	Soboth	125.45 326 i P	PKPdf	14 47 30.7	-0.4	
BIOA	Bad Ischl, Austr	125.60 327 eP	PKPdf	14 47 30.7	-0.7	
ABTA	Abfaltersbach	126.79 327 i P	PKPdf	14 47 33.0	-0.7	
WATA	Waldertalm	126.92 328 i P	PKPdf	14 47 34.2	+0.2	
WTTA	Wattenberg	126.93 328 eP	PKPdf	14 47 34.1	0.0	
STAL	STALIGIAL	126.98 327 PKP	PKPdf	14 47 33.6	-0.5	
CIMIO	Cimolais	127.10 327 PKP	PKPdf	14 47 34.3	+0.0	
MOTA	Moosalm	127.12 329 i P	PKPdf	14 47 34.7	+0.2	
SQTA	Sankt Quirin	127.19 328 eP	PKPdf	14 47 34.6	+0.1	
RETA	Reutte	127.24 329 i P	PKPdf	14 47 34.6	0.0	
FETA	Feichten	127.56 328 i P	PKPdf	14 47 35.3	+0.1	
DAVA	Damuels	127.83 329 i P	PKPdf	14 47 34.4	-1.4	
LPAZ	La Paz	133.65 118 PKP	PKPdf	14 47 47.9	-0.3	
LPAZ	La Paz	133.65 118 PKP	PKPdf	14 47 48.7	+0.5	
LPAZ	La Paz	133.65 118 PKP	PKPdf	14 47 48.7	+0.5	
CPUP	Villa Florida	136.64 138 PKP	PKPdf	14 47 53.2	+0.4	
ESDC	Sonsecsa Array	140.22 332 PKH	PKPpre	14 47 54.8		
ESDC		comp=Z,0.7nm,0.9s,baz=10,slow=1.7,SNR=4.4	PP	14 50 53.1	-2.6	
BDFB	Brasilia	150.25 135 PKP	PKPdf	14 48 20.1	+3.1	
BDFB	Brasilia	150.25 135 PKP	PKPdf	14 48 18.2	+1.2	
BDFB	Brasilia	150.25 135 PKP	PKPdf	14 48 18.2	+1.2	
TORD	Torodji Ar, Bea	151.01 287 PKP	PKPbc	14 48 22.7	-1.1	
TORD		comp=Z,2.2nm,1.0s,baz=56,slow=1.3,SNR=5.1	PP	14 52 02.0	+0.5	

JYNG	Yonagunijimaku	0.55 117 P	Pn	14 42 10.5	+0.2	
JYNG			Sn	14 42 23.5	+1.0	
TIPB	Shuangxi	0.59 297 P	Sn	14 42 10.6	-0.1	
TIPB			S	14 42 23.2	-0.1	
YOJ	Yonaguni jima	0.60 113 eP	Sn	14 42 10.9	+0.2	
YOJ			eS	14 42 24.3	+1.0	
YOJ	Yonaguni jima	0.60 113 P	Sn	14 42 10.8	+0.2	
YOJ			S	14 42 23.9	+0.6	
YX1	Grass Mountain	0.62 309 eP	Sn	14 42 11.0	0.0	
YX1			eS	14 42 23.8	-0.1	
EWUT	Wuta	0.63 246 eP	Pn	14 42 10.3	-0.6	
EWUT			eS	14 42 24.0	+0.3	
NDS	Dongshan	0.63 264 eP	Pn	14 42 10.1	-0.9	
NDS			eS	14 42 23.0	-0.8	
ENA	Nanau	0.67 246 P	Pn	14 42 11.6	+0.3	
ENA			eS	14 42 25.0	+0.7	
TWE	Neicheng	0.68 272 P	Pn	14 42 11.3	0.0	
TWE			S	14 42 24.9	+0.6	
NWF	Wu-fen Shan	0.68 303 eP	Pn	14 42 10.3	-1.2	
NWF			S	14 42 24.6	-0.1	
WFSB	Wu-fen Shan	0.68 303 eP	Pn	14 42 10.3	-1.1	
WFSB			eS	14 42 24.7	+0.2	
FUSB	Fushanzhiwuyua	0.75 275 eP	Sn	14 42 11.8	-0.3	
FUSB			eS	14 42 25.6	-0.1	
ENTT	Entou	0.77 266 eP	Pn	14 42 11.5	-0.7	
ENTT			S	14 42 26.6	+0.7	
LATG	Datong	0.82 259 P	Pn	14 42 13.1	+0.3	
LATG			eS	14 42 27.8	+0.8	
NWL	Wulai	0.83 276 P	Pn	14 42 12.1	-0.7	
NWL			eS	14 42 26.2	-0.7	
NHHD	Xindian Distri	0.84 288 P	Pn	14 42 12.4	-0.5	
NHHD			eS	14 42 26.2	-0.1	
YMO1	YMO1	0.88 301 P	Pn	14 42 12.8	-0.5	
YMO1			eS	14 42 27.2	-0.7	
ETL	Fush Village	0.90 233 eP	Pn	14 42 14.0	+0.5	
ETL			eS	14 42 28.6	+0.4	
NACB	Ninganchiao	0.91 235 eP	Pn	14 42 13.5	-0.1	
NACB			eS	14 42 28.4	0.0	
YHNB	Yeheng	0.94 268 eP	Pn	14 42 14.1	+0.1	
YHNB			eS	14 42 29.3	+0.2	
NSK	Sanguang	0.96 269 eP	Sn	14 42 13.1	-1.0	
NSK			eS	14 42 28.4	-1.0	
TWD	Taiwan	0.96 230 eP	Pn	14 42 14.1	-0.1	
TWD			eS	14 42 29.7	+0.4	
NNSB	Datong	0.97 254 eP	Pn	14 42 14.5	+0.2	
NNSB			eS	14 42 29.9	+0.2	
NNSH	Datong	0.97 254 eP	Pn	14 42 13.6	-0.7	
NNSH			S	14 42 29.7	0.0	
ETLH	Xiulin Townshi	0.98 240 eP	Sn	14 42 14.3	0.0	
ETLH			eS	14 42 29.6	-0.2	
NNS	Nan Shan	0.98 255 eP	Pn	14 42 13.4	-1.1	
NNS			eS	14 42 29.1	-0.8	
TWS1	Kuangyinshan	0.98 294 eP	Pn	14 42 13.9	-0.5	
TWS1			eS	14 42 30.4	+0.6	
ETM	Tongmen	1.11 229 eP	Pn	14 42 15.3	-0.4	
ETM			eS	14 42 31.2	-1.0	
FUSS	Fushou	1.15 247 eP	Pn	14 42 17.1	+0.7	
FUSS			eS	14 42 33.8	+0.3	
NFF	Wufeng Townshi	1.18 267 eP	Sn	14 42 15.3	-1.2	
NFF			eS	14 42 32.4	-1.3	
WHF	Heluan Shan	1.18 242 eP	Pn	14 42 17.3	+0.4	
WHF			eS	14 42 34.2	-0.1	
TWT	Tachien	1.21 249 eP	Pn	14 42 18.0	+1.0	
TWT			eS	14 42 35.1	+0.7	
ESL	Shilin	1.25 226 eP	Sn	14 42 33.9	-1.2	
IRIF	Iriomote-Funau	1.26 106 P	Sn	14 42 17.3	-0.1	
IRIF			S	14 42 35.5	+0.4	
LIOB	Emei	1.27 268 eP	Pn	14 42 17.4	-0.2	
LIOB			eS	14 42 35.0	-0.4	
NSTT	Nanjuang	1.28 267 eP	Pn	14 42 17.4	-0.2	
NSTT			eS	14 42 35.2	-0.5	
CHGB	Renai	1.29 241 eP	Pn	14 42 18.5	+0.4	
CHGB			eS	14 42 36.9	+0.6	
EGFH	Guangfu	1.36 221 eP	Sn	14 42 18.3	-0.4	
EGFH			eS	14 42 36.7	-0.7	
WUSB	Renai	1.37 239 eP	Pn	14 42 19.2	+0.3	
WUSB			eS	14 42 37.9	+0.1	
WHP	Taihung City	1.40 253 eP	Sn	14 42 19.8	+0.7	
WHP			eS	14 42 38.8	+0.6	
WPL	Puli Township	1.49 243 eP	Pn	14 42 21.5	+1.3	
WPL			eS	14 42 41.1	+1.0	
HGSD	Ruisui	1.50 217 eP	Pn	14 42 20.9	+0.6	
HGSD			eS	14 42 40.2	-0.1	
DPDB	Guoxing	1.50 244 eP	Pn	14 42 21.8	+1.3	
DPDB			eS	14 42 42.8	+2.2	
WCS	Beigang Elemen	1.51 245 eP	Sn	14 42 20.1	-0.3	
WCS			eS	14 42 40.2	-0.3	

JKRS	Kuro-shima	1.53 107 P	Pn	14 42 21.0	+0.4	
JKRS			Sn	14 42 41.4	+0.4	
TWQ1	Liyutan	1.53 257 eS	Sn	14 42 41.0	0.0	
EHY	Hungye	1.55 220 eP	Sn	14 42 20.7	-0.2	
EHY			eS	14 42 39.7	-1.7	
SMLT	Sun Moon Lake	1.60 240 eP	Pn	14 42 22.7	+1.1	
SMLT			eS	14 42 44.3	+1.6	
SSLB	Susaling	1.61 236 eP	Pn	14 42 22.6	+0.9	
SSLB			eS			

23d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WAT7, WAT1, DIV, KLU, RAGM, etc.

IDC 23 15:32:56.4, 2.0, 14.42N, 144.28E, h0km, mb3.3/3, mbtmp3.3/3, MS3.42, Error ellipse: s-maj=55.4km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO, HJH, H11S3, etc.

IDC 23 15:40:48.2, 1.4, 20.54S, 68.90W, h125km, 15km, mb3.3/3, mbtmp3.6/6, Error ellipse: s-maj=37.7km s-min=15.6km

GUC 23 15:40:48.0, 2.0, 20.48S, 69.21W, h112km, 2km, ML3.9

ISC 23 15:40:47.0, 0.2, 20.48S, 0.03, 69.25W, 0.07, h114km, 6km, n25, 0.59/40.2, mb3.5/3, 11C-4D, Northern Chile

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB08, PB01, HMBC, GO01, etc.

MOS 23 16:09:30.7, 1.0, 9.84N, 126.13E, h34km, mb5.2/4.3, MS4.5/6, Error ellipse: s-maj=11.4km s-min=5.2km az=108.2

MAN 23 16:09:31.5, 9.96N, 126.41E, h17km, mb5.8, ML4.9, MS5.3 MAN INTENSITY V - SAN ISIDRO SURIGAO DEL NORTE; INTENSITY IV - GENERAL LUNA SURIGAO DEL NORTE; INTENSITY III - DAPA SURIGAO DEL NORTE; INTENSITY II - SOCORRO SURIGAO DEL NORTE; INTENSITY I - SURIGAO CITY

BJJ 23 16:09:32.6, 0.0, 9.63N, 126.35E, h76km, mb4.7/6.9, mb5.2/4.1, Ms4.9/5.5, Ms7.4/7.6

IDC 23 16:09:34.0, 1.3, 9.85N, 126.13E, h45km, 11km, mb4.5/3.3, mbtmp4.8/3.7, ML4.5/4, MS4.3/6.9, Error ellipse: s-maj=16.0km s-min=7.8km az=74.0

GCMT 23 16:09:34.7, 0.2, 9.96N, 0.01, 126.43E, 0.02, h24km, 1km, MW5.1/10.2, Moment Tensor Solution. s02, c67; s102, c148; Duration: 0 Moment tensor: Scale 1016Nm;

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Mn-3.20t; 19; Mw1.49t; 12; Mw4.69t; 14; Mw0.21t; 20; Mw0.70t; 09; Mw4.57t; 32; Best double couple: Ms6.086000*1016 NP1.703.000000, 870.000000, 1.99.000000. NP2.00159.000000, 822.000000, 1.68.000000. Principal axes: T 3.5340, Plg64.0000, Azm287.0000; N 1.4650, Plg8.0000, Azm180.0000; P -6.8190, Plg24.0000, Azm86.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 23 16:09:35.1, 2.2, 9.96N, 0.07, 126.35E, 0.1, h54km, 6km, mb5.1/6.8, Error ellipse: s-maj=14.5km s-min=10.5km az=74.0

DJA 23 16:09:35.1, 1.2, 10.1N, 145.12E, h30km, 13km, Ms5.0/3.1, mb4.9/3.1, mb5.4/1.8, MLV5.6/1.6, Mw(mb)4.8/1.8, MwMwp5.5/2, Mwp5.7/2

ISC-EH 23 16:09:35.2, 0.3, 9.90N, 126.19E, h62km, 1km, Error ellipse: s-maj=3.1km s-min=2.1km az=78.0

ISC 23 16:09:35.2, 0.3, 9.93N, 0.03, 126.30E, 0.04, h55km, 2km, h56km, pp-P, n576, 0.1954/605, mb4.9/11.8, MS4.5/93, 49C-21D, Mindanao

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCPH, SCPH, MSLP, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAY, SOEI, SOEI, etc.

23d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MORW, OOD, FORT, STKA, etc.

NOU 23 17:15:03.3, 43:34:45.173:12E, h241km, MLV4.3/6, Off E. Coast of S. Island, N.Z. WEL 23 17:15:22.0, 3:42:32.3, 17:4E, h12km, M3.4/59, ML3.3/50, MLV3.4/59, Error ellipse: s-maj=0.0km

Main table for 23d 17h with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations like CMWZ, BSWZ, TUWZ, etc.

IDC 23 17:24:58.8, 0.4, 36:70N, 141:76E, h0km, mb4.9/28, mbmp4.9/33, ML4.3/5, MS4.3/60, Error ellipse: s-maj=14.2km s-min=10.9km az=97.0 BUJ 23 17:25:00.3, 0.0, 36:70N, 141:90E, h10km, mb5.1/67, mB5.2/39, Ms4.8/55, Ms7.4/55 JMA 23 17:25:02.7, 0.2, 36:70N, 141:9E, h40km, 2km, MD5.150, MW4.5, Error ellipse: s-maj=14.0km

2016 DEC

Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-3.25i, 15; Mss-0.01t, 10; Mss-3.24s, 0; Mo-0.02t, 17; Mss-0.23t, 06; Mrr-1.1t, 10; Best double couple: Ms3.43800x1016 NP1: 0.3, 0.0000, 85.4, 0.0000, -1, -91.0000, 0. NP2: 0.185, 0.0000, 83.6, 0.0000, -1, -88.0000, 0. Principal axes: T 3.4400, Plg9.0000, Azm94.0000; N -0.0090, Plg1.0000, Azm4.0000; P -3.4350, Plg81.0000, Azm268.0000; nstai refers to body waves, cutoff=40s. nstaz refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 23 17:25:02.8, 0.5, 36:80N, 0103:141:94E, 0103, h29km, 3km, h10km, P-P, n130, mb5.1/330, mb5.1/335, MS4.4/76, 81C-61D, Near east coast of eastern Honshu

Main table for 2016 DEC with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like JFK, JFH, JFO, etc.

1732

Main table for 1732 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Kuroka, HMMU, JHJZ, etc.

23d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Zalesovo Beam, Lhasa, Zaisan, Sibiu, Noril'sk, Makanchi, etc.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like Castle Rocks, Shalkode, Tanana, Ramite, Uzunbulak, etc.

1734

Table with columns for station name, frequency, power, and other technical details. Includes stations like Noodor Dome, CIGU, UAF Yank, College, etc.

MENT	comp-Z,8.0nm,1.0s	51.08	34	P	P	17 34 03.1	+0.9
BVA0	Mentasta	51.12	313	i	P	17 34 01.9	-0.8
BVA0	Borovoye Array	51.12	313	LR	LR	17 56 57.0	
BRVK	comp-Z,13nm,0.8s	51.18	313	P	P	17 34 02.6	-0.5
BRVK	Borovoye	51.18	313	PcP	PcP	17 35 17.5	-0.7
BRVK				IAMB	IAMB	17 35 19.1	
BRVK	comp-Z,13nm,0.8s	51.18	313	i	P	17 34 02.8	-0.3
BRVK	Borovoye			pmax	pmax		
GLB	comp-Z,3.7nm,2.5s	51.21	36	P	P	17 34 04.2	+0.9
GLB	Gilghina Butte			IAMB	IAMB	17 34 07.3	
L26K	comp-Z,5.6nm,2.0s	51.24	34	P	P	17 34 04.9	+1.5
L26K	Log Cabin Wild			IAMB	IAMB	17 34 14.2	
L26K	comp-Z,1.6nm,0.8s	51.24	34	P	P	17 34 05.4	+1.9
L26K	Log Cabin Wild			IAMB	IAMB	17 34 05.1	+0.2
VRDI	baz=27,slow=38	51.41	37	P	P	17 35 21.8	
VRDI	Verde Repeater			IAMB	IAMB		
M26K	comp-Z,4.9nm,1.8s	51.48	35	P	P	17 34 07.5	+2.2
M26K	Nabesna, AK			IAMB	IAMB	17 34 07.7	+2.1
E27K	comp-Z,3.7nm,2.5s	51.54	28	P	P	17 34 07.0	+0.9
E27K	Coleen River			IAMB	IAMB	17 34 33.1	
MCARA	comp-Z,21nm,1.0s	51.59	36	P	P	17 34 08.1	+2.1
MCARA	McCarthy VSAT			IAMB	IAMB		
G27K	comp-Z,4.6nm,1.6s	51.61	29	P	P	17 34 08.5	+2.3
G27K	Doyon Strip			IAMB	IAMB		
LHMI	comp-Z,4.6nm,1.7s	51.69	244	P	P	17 34 08.6	+1.3
LHMI	Lhok Sumawe			IAMB	IAMB	17 34 07.3	+0.4
K27K	comp-Z,4.6nm,1.7s	51.70	33	P	P	17 34 08.3	+0.4
K27K	Chicken			IAMB	IAMB	17 34 08.0	+1.2
H27K	comp-Z,1.3nm,0.9s	51.71	30	P	P	17 34 09.1	+2.2
H27K	Steamboat Moun			IAMB	IAMB		
I27K	comp-Z,1.9nm,0.9s	51.73	31	P	P	17 34 08.6	+1.4
I27K	Kandik River			IAMB	IAMB		
AML	comp-Z,4.6nm,1.3s	51.75	298	P	P	17 34 08.7	+0.7
AML	Almayashu			IAMB	IAMB		
L27K	comp-Z,4.6nm,1.7s	51.93	34	P	P	17 34 09.8	+1.2
L27K	Beaver Creek			IAMB	IAMB	17 34 10.6	+2.0
BCAR	comp-Z,4.6nm,1.7s	51.95	34	P	P	17 34 09.6	+0.8
BCAR	Beaver Creek A			IAMB	IAMB		
PSI	comp-Z,1.6nm,0.9s	51.98	240	P	P	17 34 08.9	-0.8
PSI	Prapat			pmax	pmax		
M27K	comp-Z,1.6nm,0.9s	52.00	35	P	P	17 34 10.9	+1.7
M27K	Edge Creek, AK			IAMB	IAMB		
EGAK	comp-Z,3.6nm,1.8s	52.01	32	P	P	17 34 09.0	-0.1
EGAK	Eagle			IAMB	IAMB	17 34 25.1	
EGAK	comp-Z,3.6nm,1.8s	52.01	32	P	P	17 34 10.2	+1.1
EGAK	Eagle			IAMB	IAMB		
RPSI	comp-Z,2.7nm,2.0s	52.06	240	P	P	17 34 08.9	-1.2
RPSI	Rantau Prapat			IAMB	IAMB	17 34 25.1	
KEKH	comp-Z,1.6nm,0.9s	52.20	89	P	P	17 34 09.6	-1.5
KEKH	Kekaha			IAMB	IAMB		
BARN	comp-Z,1.6nm,0.9s	52.29	37	P	P	17 34 10.8	-0.7
BARN	Barnard Glacie			IAMB	IAMB		
BKNI	comp-Z,1.6nm,0.9s	52.34	236	P	P	17 34 11.0	-1.2
BKNI	Bangkangin			IAMB	IAMB		
BVCY	comp-Z,1.6nm,0.9s	52.46	35	P	P	17 34 13.6	+1.0
BVCY	Beaver Creek			IAMB	IAMB		
PWJI	comp-Z,3.2nm,0.7s	52.70	219	P	P	17 34 13.8	-1.0
PWJI	Pagenwojo			IAMB	IAMB		
MLSI	comp-Z,3.0nm,0.7s	52.74	243	P	P	17 34 18.2	+3.0
MLSI	Meulaboh, Aceh			IAMB	IAMB		
YUK3	comp-Z,3.0nm,0.7s	52.74	36	P	P	17 34 15.9	+1.0
YUK3	Moose Creek			IAMB	IAMB		
DAWY	comp-Z,2.9nm,0.8s	52.87	33	P	P	17 34 14.8	-0.8
DAWY	Dawson			IAMB	IAMB		
DAWY	comp-Z,2.9nm,0.8s	52.87	33	P	P	17 34 17.0	+1.4
DAWY	Dawson			IAMB	IAMB		
SDSI	comp-Z,2.9nm,0.8s	53.03	234	P	P	17 34 17.2	-0.1
SDSI	Sungai Dareh			IAMB	IAMB		
O28M	comp-Z,2.9nm,0.8s	53.05	37	P	P	17 34 18.9	+1.7
O28M	Mount Upton			IAMB	IAMB		
I29M	comp-Z,1.7nm,0.8s	53.13	31	P	P	17 34 18.2	+0.8
I29M	Ogilvie Camp			IAMB	IAMB	17 34 28.0	
I29M	comp-Z,1.7nm,0.8s	53.13	31	P	P	17 34 19.3	+1.8
I29M	Ogilvie Camp			IAMB	IAMB		
PINM	comp-Z,2.7nm,2.0s	53.14	38	P	P	17 34 20.0	+2.4
PINM	Pinnacle			IAMB	IAMB		
YUK8	comp-Z,2.7nm,2.0s	53.16	36	P	P	17 34 19.5	+1.5
YUK8	Steele Glacier			IAMB	IAMB		
DZA	comp-Z,2.7nm,2.0s	53.17	300	eP	P	17 34 18.0	-0.1
DZA	Taraz			IAMB	IAMB		
DZA	comp-Z,2.7nm,2.0s	53.17	300	eP	P	17 34 18.0	-0.1
DZA	Taraz			IAMB	IAMB		
KNRA	comp-Z,2.7nm,2.0s	53.54	196	P	P	17 34 21.1	+0.3
KNRA	Kununurra			IAMB	IAMB		
KNRA	comp-Z,2.7nm,2.0s	53.54	196	P	P	17 34 21.6	+0.7
KNRA	Kununurra			IAMB	IAMB		
M29M	comp-Z,2.7nm,2.0s	53.55	35	P	P	17 34 22.3	+1.6
M29M	Somme Creek			IAMB	IAMB		
L29M	comp-Z,2.7nm,2.0s	53.58	34	P	P	17 34 22.8	+2.0
L29M	L29M			IAMB	IAMB		
EPYK	comp-Z,2.7nm,2.0s	53.62	30	P	P	17 34 21.6	+0.5
EPYK	Eagle Plains			IAMB	IAMB		
EPYK	comp-Z,2.7nm,2.0s	53.62	30	P	P	17 34 23.3	+2.3
EPYK	Eagle Plains			IAMB	IAMB		
PNL	comp-Z,2.7nm,2.0s	53.65	38	P	P	17 34 23.5	+2.2
PNL	Peninsula			IAMB	IAMB		
KK31	comp-Z,2.5nm,1.1s	53.67	300	P	P	17 34 21.4	-0.3
KK31	Karatay Array			IAMB	IAMB		
KK31	comp-Z,2.5nm,1.1s	53.67	300	i	P	17 34 21.1	-0.6
KK31	Karatay Array			IAMB	IAMB		
KKAR	comp-Z,2.5nm,1.1s	53.67	300	P	P	17 34 21.0	-0.7
KKAR	Karatay Array			IAMB	IAMB	17 34 23.8	
KKAR	comp-Z,2.5nm,1.1s	53.67	300	P	P	17 35 26.5	-1.3
KKAR	Karatay Array			pmax	pmax	17 34 21.0	-0.7
KKAR	Karatay Array			pmax	pmax	17 35 27.3	
YUK4	comp-Z,2.5nm,1.2s	53.68	36	P	P	17 34 23.7	+2.0
YUK4	Talbot Array			IAMB	IAMB		
G30M	comp-Z,2.5nm,1.2s	53.72	29	P	P	17 34 23.6	+1.8
G30M	taoh Zraii Nji			IAMB	IAMB		
K29M	comp-Z,2.5nm,1.2s	53.72	33	P	P	17 34 24.0	+2.1
K29M	Barlow Dome			IAMB	IAMB		
O29M	comp-Z,2.5nm,1.2s	53.92	37	P	P	17 34 25.9	+2.5
O29M	Mount Kennedy			IAMB	IAMB		
CSI	comp-Z,2.5nm,1.2s	53.99	240	P	P	17 34 24.3	0.0
CSI	Gunungsitoli			IAMB	IAMB		
CSI	comp-Z,2.5nm,1.2s	53.99	240	P	P	17 34 25.6	+1.3
CSI	Gunungsitoli			IAMB	IAMB		
MDSI	comp-Z,2.5nm,1.2s	54.03	229	P	P	17 34 24.2	-0.4
MDSI	Maura Dua			IAMB	IAMB		
M30M	comp-Z,2.5nm,1.2s	54.29	34	IAMB	IAMB	17 34 29.9	
M30M	Minto, Yukon			IAMB	IAMB		
M30M	comp-Z,2.5nm,1.2s	54.29	34	P	P	17 34 28.2	+2.2
M30M	Minto, Yukon			IAMB	IAMB		
HYT	comp-Z,2.5nm,1.2s	54.33	37	P	P	17 34 27.5	-0.7
HYT	Haines Junctio			IAMB	IAMB	17 34 47.0	
HYT	comp-Z,2.5nm,1.2s	54.33	37	P	P	17 34 28.5	+2.1
HYT	Haines Junctio			IAMB	IAMB		
MAYO	comp-Z,2.5nm,1.2s	54.48	33	P	P	17 34 28.0	+0.7
MAYO	Mayo, Yukon			IAMB	IAMB		
MAYO	comp-Z,2.5nm,1.2s	54.48	33	P	P	17 34 30.1	+2.8
MAYO	Mayo, Yukon			IAMB	IAMB		
INK	comp-Z,2.5nm,1.2s	54.51	27	LR	LR	18 00 37.9	
INK	Inuvik			IAMB	IAMB		
INK	comp-Z,2.5nm,1.2s	54.51	27	P	P	17 34 28.1	+0.8
INK	Inuvik			IAMB	IAMB	17 34 37.1	
INK	comp-Z,2.5nm,1.2s	54.51	27	P	P	17 34 29.0	+1.7
INK	Inuvik			IAMB	IAMB		
INK	comp-Z,2.5nm,1.2s	54.51	27	P	P	17 34 28.2	+0.8
INK	Inuvik			pmax	pmax		
CHM	comp-Z,2.5nm,1.2s	54.56	300	eP	P	17 34 28.1	-0.1
CHM	Chimkent			IAMB	IAMB		
CHM	comp-Z,2.5nm,1.2s	54.56	300	eP	P	17 34 28.1	-0.1
CHM	Chimkent			IAMB	IAMB		
MTSU	comp-Z,2.5nm,1.2s	54.56	177	P	P	17 34 28.9	+0.5
MTSU	Mount Surprise			IAMB	IAMB		
F31M	comp-Z,2.5nm,1.2s	54.59	28	P	P	17 34 29.5	+1.6
F31M	Tsigheitchik			IAMB	IAMB		
MNA1	comp-Z,2.5nm,1.2s	54.68	230	P	P	17 34 31.3	+2.0
MNA1	Manna			IAMB	IAMB		
P30M	comp-Z,2.5nm,1.2s	54.75	37	P	P	17 34 31.1	+1.7
P30M	Million Dollar			IAMB	IAMB		
N31M	comp-Z,2.5nm,1.2s	54.99	35	P	P	17 34 33.5	+2.4
N31M	Braeburn, Yuko			IAMB	IAMB	17 35 19.3	
N31M	comp-Z,2.5nm,1.2s	54.99	35	P	P	17 34 33.5	+2.4
N31M	Braeburn, Yuko			IAMB	IAMB		
O30N	comp-Z,2.5nm,1.2s	55.02	36	P	P	17 34 33.0	+1.7
O30N	Mendenhall			IAMB	IAMB		
PLBC	comp-Z,2.5nm,1.2s	55.20	38	P	P	17 34 34.2	+1.6
PLBC	Pleasant Camp			IAMB	IAMB		

KHLH	comp-Z,5.2nm,2.0s	55.38	89	P	P	17 34 33.6	-0.8
KHLH	Kahului Airpor			IAMB	IAMB		
M31M	comp-Z,5.2nm,2.0s						

23d 17h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NEW Newport, YBHF Yreka Blue Hor, and WSAR Wadi Sarin.

2016 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CMB Columbia Colle, VSDV Vaisvydzial, and DQM PABE Paberze.

1736

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DUG Dougway Toodle, MILM Milestii Mici, and PRN Pahore Range.

TRPA	Tarpa	79.80	324	P	P	17 37 09.3 +1.2
RSSD	Black Hills	79.81	42	P	P	17 37 09.2 +0.6
RSSD	Black Hills	79.82	42	P	P	17 37 09.6 +1.1
RSSD	Black Hills	79.81	42	P	P	17 37 10.1 +1.5
RSSD	Black Hills	79.81	42	P	P	17 37 09.2 +0.6
ANTO	Ankara	79.82	312	P	P	17 37 09.5 +1.0
ANTO	Ankara	79.82	312	P	P	17 37 08.3 -0.1
ANTO	Ankara	79.82	312	P	P	17 37 08.4 -0.1
YUH	Yuha Desert	79.82	57	Iamb	Iamb	17 39 06.3
ISR	Istria	79.87	319	P	P	17 37 09.5 +0.8
ICOR	Ion Corvin	79.88	318	P	P	17 37 09.5 +0.9
DOPR	Dopca	79.89	321	P	P	17 37 09.6 +0.9
NIE	Niedzica	79.92	326	P	P	17 37 10.1 +1.3
MLR	Muntele Rosu	79.93	320	P	P	17 37 09.2 +0.1
MLR	Muntele Rosu	79.93	320	LR	LR	18 14 58.9
MLR	Muntele Rosu	79.93	320	P	P	17 37 09.2 +0.1
PDMCI	Parker Dam,Lak	80.00	55	P	P	17 37 11.6 +2.2
O20A	White River Ci	80.04	47	Iamb	Iamb	17 37 12.4
O20A	White River Ci	80.04	47	P	P	17 37 10.4 +0.5
SECR	Cluj-Babes-Bol	80.26	322	P	P	17 37 10.8 +0.5
CJBR	Cluj-Napoca	80.27	322	P	P	17 37 11.9 +1.0
CJBR	Cluj-Napoca	80.27	322	P	P	17 37 11.8 +1.0
MESR	Meseni	80.29	323	P	P	17 37 11.9 +1.1
ABAH	Abaujker	80.29	324	P	P	17 37 11.5 +0.7
GLA	Glabau	80.31	56	P	P	17 37 13.3 +2.1
MDUB	Mudurnu	80.37	314	P	P	17 37 10.4 -1.1
VOIR	Voiron	80.42	320	P	P	17 37 11.9 +0.2
KECS	Kecovo	80.51	325	P	P	17 37 13.1 +1.1
KECS	Kecovo	80.51	325	P	P	17 37 13.1 +1.1
MARR	Marisel-Cluj	80.53	322	P	P	17 37 12.9 +0.6
MTUR	Matau	80.56	320	P	P	17 37 12.3 +0.3
OKC	Ostrava-Krasne	80.58	327	P	P	17 37 13.2 +0.9
OKC	Ostrava-Krasne	80.58	327	P	P	17 37 13.2 +0.9
KSP	Ksiaz	80.62	329	P	P	17 37 13.4 +0.5
DHGR	Dhurg	80.65	323	P	P	17 37 13.3 +0.5
DRGR	Durg	80.65	49	Iamb	Iamb	17 37 16.3
ARR	Arges	80.69	321	P	P	17 37 14.2 +1.1
PV10	Paradox Valley	80.69	49	P	P	17 37 14.6 +1.1
OSCT	Ostas	80.87	328	P	P	17 37 14.7 +0.8
N23A	Red Feather L	80.88	45	Iamb	Iamb	17 37 17.6
N23A	Red Feather L	80.88	45	P	P	17 37 16.4 +1.9
MORC	Moravsky Berou	80.89	327	Iamb	Iamb	17 37 15.8
MORC	Moravsky Berou	80.89	327	P	P	17 37 14.6 +0.6
RAZG	Razgrad	80.94	318	P	P	17 37 15.2 +0.8
PV13	Radium Mtn., P	80.96	49	Iamb	Iamb	17 37 17.9
Y14A	Wickenburg	80.97	54	P	P	17 37 15.4 +0.7
AGMN	Agassiz Nation	80.98	35	Iamb	Iamb	17 37 15.3
AGMN	Agassiz Nation	80.98	35	P	P	17 37 15.1 +0.6
AGMN	Agassiz Nation	80.98	35	P	P	17 37 15.1 +0.6
DPC	Dobruska-Polom	80.98	328	P	P	17 37 15.5 +1.0
DPC	Dobruska-Polom	80.98	328	P	P	17 37 15.3 +1.0
KRLC	Kraliky	80.99	328	P	P	17 37 15.3 +0.7
KRLC	Kraliky	80.99	328	P	P	17 37 15.3 +0.7
UPIC	Udice	81.00	328	P	P	17 37 15.3 +0.8
UPIC	Udice	81.00	328	P	P	17 37 15.3 +0.8
WUAZ	Wupatki	81.04	52	P	P	17 37 16.5 +1.3
WUAZ	Wupatki	81.04	52	Iamb	Iamb	17 37 18.4
WUAZ	Wupatki	81.04	52	P	P	17 37 17.7 +2.4
MAUC	Maruska	81.06	327	P	P	17 37 15.6 +0.6
LOT	Lotru	81.07	325	P	P	17 37 15.1 +0.1
RAYN	Ar Rayn	81.18	293	P	P	17 37 15.5 -0.6
RAYN	Ar Rayn	81.18	293	Iamb	Iamb	17 37 17.2
RAYN	Ar Rayn	81.18	293	P	P	17 37 16.0 -0.1
RAYN	Ar Rayn	81.18	293	P	P	17 37 15.5 -0.6
BORA	Borzh	81.19	314	Iamb	Iamb	17 37 17.1
PSZ	Piszkesteto	81.19	325	P	P	17 37 16.4 +0.6
PSZ	Piszkesteto	81.19	325	Iamb	Iamb	17 37 17.7
PSZ	Piszkesteto	81.19	325	P	P	17 37 17.0 +1.2
PSZ	Piszkesteto	81.19	325	P	P	17 37 16.3 +0.6
DEV	Deva	81.20	322	P	P	17 37 16.7 +1.0
DEV	Deva	81.20	322	P	P	17 37 16.7 +1.0
COPA	Copacanca	81.23	319	P	P	17 37 15.8 -0.1
VYHN	Yyhne	81.26	326	P	P	17 37 17.1 +1.1
VYHN	Yyhne	81.26	326	P	P	17 37 17.1 +1.1
BSZH	Besenys	81.46	324	P	P	17 37 18.2 +1.2
JAVC	Velka Javorina	81.51	327	P	P	17 37 19.0 +1.6
SIRR	Siria	81.61	322	P	P	17 37 18.1 +0.1
BRG	Berggiesshubel	81.57	330	I/P	P	17 37 18.2 +0.6
BRG	Berggiesshubel	81.57	330	Amp	Amp	17 37 19.7
BRG	Berggiesshubel	81.57	330	P	P	17 37 33.8
BRG	Berggiesshubel	81.57	330	Amp	Amp	17 37 34.8
BRG	Berggiesshubel	81.57	330	I/P	P	17 37 18.1 +0.6
BRG	Berggiesshubel	81.57	330	P	P	17 37 33.8
BRG	Berggiesshubel	81.57	330	P	P	17 37 33.8
BRG	Berggiesshubel	81.57	330	P	P	17 37 33.8
PVCC	Panska Ves	81.58	329	P	P	17 37 18.7 +1.1
PVCC	Panska Ves	81.58	329	P	P	17 37 18.7 +1.1
GZRR	Gura Zlata	81.61	322	P	P	17 37 18.1 +0.1
GZRR	Gura Zlata	81.61	322	P	P	17 37 18.1 +0.1
CLL	Collim	81.61	330	Iamb	Iamb	17 37 19.0
CLL	Collim	81.61	330	I/P	P	17 37 17.7 -0.1
CLL	Collim	81.61	330	P	P	17 37 28.0 -0.8
CLL	Collim	81.61	330	P	P	17 37 33.0
CLL	Collim	81.61	330	I/P	P	17 37 17.7 -0.1
CLL	Collim	81.61	330	P	P	17 37 33.0
VRAC	Vranov	81.65	327	LR	LR	18 17 19.1
VRAC	Vranov	81.65	327	P	P	17 37 18.8 +0.8
SURR	Surdic	81.67	322	P	P	17 37 19.1 +0.9
VLAD	Valdica	81.75	320	P	P	17 37 19.1 +0.5
MVCO	Mesa Verde	81.76	49	Iamb	Iamb	17 37 29.9
MVCO	Mesa Verde	81.76	49	P	P	17 37 21.0 +1.8
ISCO	Idaho Springs	81.79	46	P	P	17 37 21.2 +1.9
ISCO	Idaho Springs	81.79	46	P	P	17 37 21.3 +1.9
SMOL	Smolenice	81.87	326	P	P	17 37 20.8 +1.6
B35A	Bob, Littlefor	81.91	34	Iamb	Iamb	17 37 20.4
B35A	Bob, Littlefor	81.91	34	P	P	17 37 19.7 +0.3

baz=318	KRUC	Moravsky	81.92	327	eP	P	17 37 20.0 +0.6
baz=318	AMBH	Ambrzfalva	81.93	323	P	P	17 37 20.5 +1.0
GOPC	GO Pecny, Ondr	81.96	329	eP	P	17 37 20.5 +0.8	
GOPC	GO Pecny, Ondr	81.96	329	eP	P	17 37 20.5 +0.8	
SRO	Srobarova	81.99	325	P	P	17 37 20.9 +1.1	
SRO	Srobarova	81.99	325	eP	P	17 37 20.9 +1.1	
PRU	Pruhonice	82.00	329	eP	P	17 37 20.7 +0.8	
PRU	Pruhonice	82.00	329	eP	P	17 37 20.7 +0.8	
BZS	Buzias	82.02	322	P	P	17 37 20.2 +0.2	
BZS	Buzias	82.02	322	P	P	17 37 20.2 +0.2	
MODS	Modra-Piesok	82.05	326	eP	P	17 37 21.5 +1.3	
MODS	Modra-Piesok	82.05	326	eP	P	17 37 21.5 +1.3	
PLVB	Pleven	82.06	319	I/P	P	17 37 20.6 +0.3	
SUSD	Miller	82.24	39	P	P	17 37 22.4 +1.2	
BAIL	Balesti	82.28	320	I/P	P	17 37 22.5 +1.1	
214A	Organ Pipe Nat	82.32	56	P	P	17 37 24.7 +2.7	
W18A	Petrified Fore	82.35	52	P	P	17 37 24.1 +2.0	
CSK	Oshtak	82.35	325	P	P	17 37 22.4 +0.7	
S22A	4UR Ranch, Cre	82.42	48	P	P	17 37 25.1 +2.4	
MMAI	Mount Meron Ar	82.52	306	LR	LR	18 17 16.3	
F33A	5 Mile Ranch,	82.56	37	Iamb	Iamb	17 37 23.0 +0.1	
F33A	5 Mile Ranch,	82.56	37	Iamb	Iamb	17 37 24.8	
F33A	5 Mile Ranch,	82.56	37	P	P	17 37 23.6 +0.7	
MDVR	Moldovita	82.57	322	I/P	P	17 37 23.1 0.0	
Q24A	Divide	82.61	46	P	P	17 37 24.7 +1.0	
NKC	Novy Kosteel	82.67	330	eP	P	17 37 24.2 +0.8	
NKC	Novy Kosteel	82.67	330	eP	P	17 37 24.2 +0.8	
EGYH	Egyhazasok	82.73	326	P	P	17 37 24.8 +1.0	
MPLH	Magyarpolny	82.82	325	P	P	17 37 25.0 +0.8	
RONA	Rosalia, Austr	82.99	326	I/P	P	17 37 26.2 +1.1	
CKRC	Conrad Observa	83.00	328	eP	P	17 37 25.8 +0.7	
CKRC	Conrad Observa	83.00	328	eP	P	17 37 25.8 +0.7	
MORH	Mrgy, Hungar	83.02	324	I/P	P	17 37 25.0 -0.2	
MORH	Mrgy, Hungar	83.02	324	P	P	17 37 25.2 0.0	
OGNE	Ogallala	83.04	43	P	P	17 37 27.2 +1.6	
OGNE	Ogallala	83.04	43	P	P	17 37 26.7 +1.1	
KHC	Kasperske Hory	83.06	329	Iamb	Iamb	17 37 27.1	
KHC	Kasperske Hory	83.06	329	eP	P	17 37 26.0 +0.6	
KHC	Kasperske Hory	83.06	329	eP	P	17 37 26.1 +0.6	
EYMM	Ely	83.20	33	P	P	17 37 26.9 +0.7	
SDCO	Great Sand Dun	83.22	47	P	P	17 37 28.7 +1.9	
SDCO	Great Sand Dun	83.22	47	P	P	17 37 28.5 +1.7	
GERE	GERESS Array S	83.23	329	Iamb	Iamb	17 37 27.1	
GERE	GERESS Array S	83.23	329	P	P	17 37 26.6 +0.2	
FRGS	Fruska Gora	83.24	323	I/P	P	17 37 26.4 0.0	
FRGS	Fruska Gora	83.24	323	I/P	P	17 37 26.7 +0.3	
VTS	Vitosh	83.33	319	Iamb	Iamb	17 37 27.9 +0.7	
VTS	Vitosh	83.33	319	Iamb	Iamb	17 37 29.1	
KOVH	Kovogototos	83.37	324	P	P	17 37 27.2 +0.1	
TUC	Tucson	83.44	54	P	P	17 37 28.6 +0.8	
TUC	Tucson	83.44	54	P	P	17 37 28.2 +1.4	
GRFO	Grabenberg	83.59	330	P	P	17 37 28.9 +0.8	
GRFO	Grabenberg	83.59	330	P	P	17 37 28.9 +0.8	
ARSA	Arzberg	83.67	327	eP	P	17 37 29.3 +0.7	
MOA	Molin	83.76	328	eP	P	17 37 29.5 +0.5	
DIVS	Divibare	83.92	322	Iamb	Iamb	17 37 31.4	
DIVS	Divibare	83.92	322	I/P	P	17 37 29.7 -0.3	
ECSO	EROS Data Cent	83.93	38	Iamb	Iamb	17 37 31.7	
ECSO	EROS Data Cent	83.93	38	P	P	17 37 30.5 +0.5	
ECSO	EROS Data Cent	83.93	38	P	P	17 37 30.8 +0.8	
KSCO	Kaye Shedlock	84.03	45	P	P	17 37 32.2 +1.5	
PPT	Papeete	84.09	117	LR	LR	18 09 54.7	
PPT2	Papeete2	84.11	117	eLR	LR	18 03 58.2	
BIOA	Bad Ischl, Aus	84.15	328	I/P	P	17 37 31.7 +0.6	
T25A	Trinidad	84.27	47	Iamb	Iamb	17 37 34.9	
T25A	Trinidad	84.27	47	P	P	17 37 33.9 +1.8	
PERE	Permie	84.32	326	P	P	17 37 32.1 +0.2	
SOKA	Sotho	84.32	326	I/P	P	17 37 32.4 +0.3	
A052A	Srbac	84.38	324	eP	P	17 37 31.9 -0.3	
DUN6	Lazy B Ranch	84.38	53	Iamb	Iamb	17 37 35.7	
HAPS	Han Pijesak,BI	84.44	323	I/P	P	17 37 33.2 +0.5	
ANMO	Albuquerque	84.49	50	P	P	17 37 34.2 +1.0	
ANMO	Albuquerque	84.49	50	Iamb	Iamb	17 37 36.4	
ANMO	Albuquerque	84.49	50	P	P	17 37 35.3 +2.1	
ANMO	Albuquerque	84.49	50	P	P	17 37 34.9 +1.6	
ANMO	Albuquerque	84.49	50	eP	P	17 37 35.0 +1.8	
STIP	Stip	84.53	319	I/P	P		

Table with columns: DLBC, TB1, Vnda, BUR08, MLR, DAG, RES, CRVS, HFS, NOA, NOA, YKA, YKA, VRAC, TAOE, MBAR, GERES, GERES, NEW, QSPA, RKT, TXAR, TXRD, PLCA. Includes station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station codes like SIJI, WRA, ASAR, CMAR, MKAR, ILAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station codes like SCPH, BIPH, BIFP, GHBP, CGP, LLP, BUKP, DAV, DAV.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station codes like WRAB, WRA, WB2, PSA00, H11N1, H11N2, H11N3, ULN, SONM, SONM, NWA0, BBOO, MK31, MKAR, MKAR, MAKZ, MAKZ, ZAA0, ZAA0.

Table with columns: ZALV, ZALV, KURK, KURK, KKAR, KKAR, ABKAR, ABKAR, BKZ, ARU, ARU, ARU, O18K, RAYN, FINES, AKASO, GERES, GERES. Includes station names and coordinates.

IDC 23 18:21:25.7 1.2 4.40S: 137.78E, h0km, mb3.8/5, mbmp4.0/9, ML4.3/4, Error ellipse: s-maj=36.8km s-min=22.3km az=69.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station codes like FAKI, SIJI, MTN, PMG, COEN, KNRA, SOEI, RABL, WBO, WR0, WR0, WRAB, WRAB, WRA, WRA, CTAO, CTAO, AS31, AS31, ASAR, ASAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station codes like ASAR, CMAR, MKAR, MKAR, ZALV, ILAR.

SJA 23 18:23:32.2 0.4 20.47S: 69.25W, h127km, 10km, ML4.1, MW3.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station codes like GUC, IDC, VAO, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

Table with columns: PB04, PB16, LVC, LVC, LVC, PB12, PB12, PB06, PB06, AP01, AP01, AP01, PB15, PB10, YJA, LPAZ, LPAZ, HJA, CO02, CO01, CO01, AZCA, MCR1, ITOB, PDRB, CZ5B, H03N1, H03N2, H03N3, PTGB, FRTB, FRTB, SERRA, RCLB, PLCA, ITTB, VAO, JAN, ROBR, ROBR, TORD, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station codes like H11S2, H11S1, H11S3, H11N3, H11N2, H11N1.

IDC 23 18:23:27.8 1.7 10.19S: 161.66E, h0km, mb4.2/12, mbmp4.2/13, ML4.1/1, MS4.0/5, Error ellipse: s-maj=44.1km s-min=24.8km az=2.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station codes like HNR, HNR, HNR, KOUNC, RABL, DZM, PMG, CTAO, CTAO, WRAB, WRAB, WB2, WB2, TOO, TOO, RTZ, RTZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes station codes like BKZ, MJAR, MAJO, MAJO, MJB9, MJB9, YULU, YULU, KSRS, KSRS, USRK, USRK, PETK, KLR, ULN, ULN, SONM, SONM, NWA0, NWA0, MKAR, MKAR, ZALV, ZALV, ELK, PDAR, YKA.

SNAAC 97.65 185 LR LR 19 19 49.5
comp=Z,153nm,19.8s,baz=122,slow=35

IDC 23 18:46:26.2, 1.1, 9.69N, 125.77E, h0km, mb3.7/8,
mbmp3.7/9, ML3.7/1, Error ellipse: s-maj=49.5km
s-min=17.5km az=73.0

MAN 23 18:46:32.8, 9.96N, 126.23E, h9km, mb4.2, ML3.0, MS3.7
ISC 23 18:46:29.0, 1.3, 9.91N, 126.00E, 126.48E, 0.07, h10km, n18,
+146/12, mb3.6/3, 4C-1D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SCPH Surigao, BIPH Bislig, CGP Cagayan de Oro, etc.

IDC 23 18:47:04.4, 5.2, 3.04S, 139.63E, h0km, mb2.9/2,
mbmp3.1/3, ML3.2/1, Error ellipse: s-maj=199.8km
s-min=33.0km az=88.0, Irian Jaya

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

IDC 23 18:47:55.0, 4.2, 10.29N, 126.92E, h0km, mb3.3/3,
mbmp3.3/3, Error ellipse: s-maj=314.8km s-min=31.2km
az=66.0

MAN 23 18:48:01.4, 9.96N, 126.25E, h10km, mb4.4, ML3.3, MS3.1
ISC 23 18:48:03.2, 1.4, 9.95N, 126.09E, 126.31E, 0.10, h42km, n14,
+29/19, mb3.3/3, 4C-1D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SCPH Surigao, BIPH Bislig, CGP Cagayan de Oro, etc.

IDC 23 18:49:08.9, 1.1, 24.38N, 97.72E, h0km, mb3.7/4,
mbmp3.7/4, ML3.1/1, Error ellipse: s-maj=35.0km
s-min=22.4km az=65.0

ISC 23 18:49:13.7, 1.1, 25.0N, 0.1, 97.6E, 0.1, h35km, n6, +0916/6,
mb3.7/4, Myanmar-China border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like BRDH Bariadhala, CMAR Chiang Mai Arr, etc.

IDC 23 18:52:15.2, 8.4, 16.58S, 178.27W, h0km, mb3.5/3,
mbmp3.5/3, MS4.2/1, Error ellipse: s-maj=374.8km
s-min=40.7km az=111.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 23 19:11:46.8, 3.0, 34.08N, 25.70E, h36km, 27km, mb3.6/7,
mbmp3.6/12, ML3.4/5, Error ellipse: s-maj=24.3km
s-min=17.5km az=11.0

ISC 23 19:11:43.8, 0.9, 33.9N, 0.1, 25.73E, 0.08, h17km, n13,
+177/15, mb3.8/7, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ANOYIA, MOUNT MERON Arr, etc.

MOS 23 19:15:32.4, 1.0, 0.24S, 124.31E, h29km, mb5.1/47, Error
ellipse: s-maj=13.0km s-min=6.0km az=114.7

IDC 23 19:15:33.0, 3.1, 0.23S, 124.22E, h22km, 19km, mb4.6/34,
mbmp4.7/36, ML4.3/2, MS3.7/34, Error ellipse:
s-maj=17.2km s-min=6.0km az=60.0

DJA 23 19:15:36.7, 1.0, 0.2, 124.22E, h16km, 9km, M5.0/20,
mb5.2/20, mb5.4/13, ML2.5/20, Mw(MB)4.8/13,
MwMwp4.5/2, MwP4.9/2

BUI 23 19:15:36.0, 0.0, 0.45S, 124.60E, h69km, mb5.0/57,
mb5.2/31, Ms4.9/3, Ms7.4/6/4

ISC-EH 23 19:15:38.9, 0.2, 25S, 124.41E, h69km, 1km, Error ellipse:
s-maj=3.4km s-min=2.5km az=65.0

NEIC 23 19:15:39.2, 1.9, 0.25S, 124.48E, 0.06, h73km, 6km,
mb5.0/131, Error ellipse: s-maj=9.9km s-min=8.0km
az=174.0

GCMT 23 19:15:39.2, 0.3, 0.36S, 124.55E, 0.03, h42km, 1km,
MW4.9/65, Moment Tensor Solution, s38, c48, s55, c65:
Duration: 0. Moment tensor: S1016Nm; M2, 355, 18;
M3, 10.4E, 14; Mw, 1.5; Ms, 1.0; Mw, 0.09; 11; Mw, 1.4; 107;
Mw, 1.30; 13; Best double couple: Mw 81700x1016
NP1, 3.23, 0.0000, 0.859, 0.0000, 1.72, 0.0000, 0.
NP2:
p234, 0.0000, 0.835, 0.0000, 1.17, 0.0000, 0. Principal axes:
T 2.7800, Plg70.0000, Azm253.0000, N 0.0740,
Plg15.0000, Azm32.0000, P -2.8550, Plg12.0000,
Azm125.0000; nst1 refers to surface waves, cutoff=40s.
nst2 refers to surface waves, cutoff=50s. Triangular

ISC 23 19:15:39.9, 0.3, 0.22S, 124.51E, 0.04, h70km, 2km,
h70km, pp-P, n547, r141/552, mb5.0/138, 17C-18D,
Southern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like LUWI Luwuk, LUIWI Luwuk, etc.

BNDI Bandanaira 6.88 128 P Pn 19 17 15.2 -1.9

BNDI Bandanaira 6.88 128 P Pn 19 17 15.9 -1.2

DAV Davao City (W) 7.32 8 Pn 19 17 26.1 +2.9

DAV Davao City (W) 7.32 8 Pn 19 17 26.1 +2.9

DAV Davao City (W) 7.32 8 Pn 19 17 26.1 +2.9

DAV Davao City (W) 7.32 8 Pn 19 17 26.1 +2.9

DAV Davao City (W) 7.32 8 Pn 19 17 26.1 +2.9

DAV Davao City (W) 7.32 8 Pn 19 17 26.1 +2.9

DAV Davao City (W) 7.32 8 Pn 19 17 26.1 +2.9

DAV Davao City (W) 7.32 8 Pn 19 17 26.1 +2.9

KSM Kuching 14.30 277 P P 19 19 00.5 -2.6

KDU Kakadu 14.69 148 P Pn 19 19 01.1 -1.9

NGI Ngawi 14.82 241 P P 19 19 14.1 +5.2

PWJI Pagerwojo 14.84 238 P Pn 19 19 07.6 -1.6

GENI Genyem 15.83 99 P P 19 19 18.1 +0.4

UGM Wanagama 15.89 241 P Pn 19 19 19.3 +0.8

KNRA Kununurra 15.92 165 P Pn 19 19 17.0 -1.7

KNRA Kununurra 15.92 165 P Pn 19 19 17.0 -1.7

PKJI Karang Pucung 17.06 282 P Pn 19 19 48.2 +1.4

FITZ Fitzroy Crossi 17.06 282 P Pn 19 19 48.2 +1.4

LEM Lembeh 18.08 248 P Pn 19 19 47.4 +1.8

LEM Lembeh 18.08 248 P Pn 19 19 47.4 +1.8

LEM Lembeh 18.08 248 P Pn 19 19 47.4 +1.8

LEM Lembeh 18.08 248 P Pn 19 19 47.4 +1.8

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LEM Lembeh 18.08 248 P Pn 19 19 47.4 +1.8

LEM Lembeh 18.08 248 P Pn 19 19 47.4 +1.8

LEM Lembeh 18.08 248 P Pn 19 19 47.4 +1.8

1743

Table with columns: ICAO, Name, Frequency, Mode, Power, and other parameters. Includes stations like CHIANG MAI, INKAY, GYA, etc.

2016 DEC

Table with columns: ICAO, Name, Frequency, Mode, Power, and other parameters. Includes stations like USAOB, USRSK, MDJ, etc.

23d 19h

Table with columns: ICAO, Name, Frequency, Mode, Power, and other parameters. Includes stations like AAK, AAK, AAK, etc.

23d 19h

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like AKT Akhty, S12K Black Hills, ANM Nome, etc.

2016 DEC

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like G22K Bettles, MLY Manley, M22K Willow, etc.

1744

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like H27K Steamboat Moun, I27K Kandik River, L27K Beaver Creek, etc.

23d 19h

Table with columns: RLO, comp, Name, Az, El, Pn, Pn, 19 35 31.4, etc. Includes stations like SNOW, V12A, 214A, etc.

2016 DEC

Table with columns: P49A, P49A, X51A, X51A, E43A, E43A, O49A, O49A, etc. Includes stations like Miami Univ. Ec, Calhoun, Lone Tree Farm, etc.

1746

Table with columns: RES, F25K, I23K, BPWA, PPLA, CAST, C27K, MLY, CHUM, L20K, G23K, C26K, I21K, COLD, L19K, H21K, TTA, G21K, D23K, O16K, F21K, C23K, N16K, SFJ, A21K, ANM, LPZA, ARCES, NOA, HFS, HFS, FINES, ESDC, CPUP, DAVOX, GERES, VRAC, CONA, ARSA, RONA, OBKA, SOKA, PLCA, AKASA, KEST, ZALV, ZALV, XLT, XLT, XLT, DBIC, HHC, HHC, WMQ, etc. Includes stations like Resolute Bay, Christian River, Yukon-K, etc.

1749 2016 DEC 23d 20h

AKTO	Aktubinsk	15.53 320	Pn	Pn	20 44 24.9	-1.3
AKTO	AKTO	15.53 320	Pn	Sn	20 47 13.5	-3.6
AKTO	Aktubinsk	15.53 320	Pn	Pn	20 44 25.2	-1.0
ZALV	Zalesovo Beam	16.50 24	Pn	Pn	20 44 38.0	-0.5
ARU	Arti	19.70 335	Pn	Pn	20 45 18.1	+0.3
GNI	Garni	22.06 281	P	P	20 45 44.1	+2.1
KBZ	Khabaz	23.22 291	P	P	20 45 56.9	+3.0
SONM	Songino Array	25.14 60	P	P	20 46 10.3	-1.7
BRTR	Keskin Array B	30.54 284	P	P	20 47 01.9	+1.6
AKASG	Malin Array Be	32.78 305	P	P	20 47 20.1	+0.3
FINES	FINES Array B	36.27 323	P	P	20 47 50.2	+0.5
ARCES	ARCES Array B	39.28 336	P	P	20 48 15.4	+0.3
KLR	Kuldur	41.90 57	P	P	20 48 35.1	-1.9
GERES	GERES Array B	42.93 303	P	P	20 48 46.6	+1.1
NB2	NORSAR Subarra	43.32 321	P	P	20 48 48.1	-0.3
NOA	NORSAR Array B	43.32 321	P	P	20 48 48.5	+0.1
ESDC	Sonsecra Array	57.86 297	P	P	20 50 38.8	+0.3
TORD	Torodi Ar. Bea	67.73 269	P	P	20 51 44.1	-0.3
ILAR	Eielson Array	71.48 17	P	P	20 52 06.0	-0.7
YKA	Yellowknife Ar	78.27 4	P	P	20 52 45.2	-0.9
WRA	Warramunga Arr	81.91 124	P	P	20 53 05.3	-0.9
ASAR	Alice Springs	84.35 127	P	P	20 53 17.8	-1.0

IDC 23 20:45:04.7z 1.0, 36.64N, 99.05W, h0km, mbtmp3.5/5, ML3.8/4, Error ellipse: s-maj=14.3km s-min=9.8km az=110.0
NEIC 23 20:45:05.3z 1.1, 36.53N, 01.98E, 96W, 0.0, h7km, 3km, Error ellipse: s-maj=3.5km s-min=0.8km az=115.0
TUL 23 20:45:05.3z 1.1, 36.53N, 02.98E, 97W, 0.0, h6km, 2km, ML3.4, mb_Lg3.5/117(NEIC), Error ellipse: s-maj=2.4km s-min=1.4km az=144.0
ANF 23 20:45:06.0z 0.0, 36.52N, 98.93W, h5km, ML4.3/15, Error ellipse: s-maj=5.3km s-min=4.2km az=95.0
ISC 23 20:45:05.4z 0.0, 36.53N, 03.98E, 95W, 0.0, h12km, 5km, n179.0997/181, Oklahoma

Code	Station Name	AZ	Phase ID	Time	Res
				h m s	ISC
NOKA	Waynoka	0.10 8	Pg	20 45 08.1	-0.3
NOKA	NOKA		Pg	20 45 10.2	-0.3
US2A	Winter Ranch,	0.16 196	Pg	20 45 08.6	-0.5
US2A	Winter Ranch,	0.16 196	Pg	20 45 08.7	-0.3
OK038	West end E0370	0.17 107	Pg	20 45 08.6	-0.8
OK038	OK038		Pg	20 45 11.7	-0.5
OK035	E0210 Rd and N	0.26 47	Pg	20 45 15.3	+0.7
OK035	OK035		Pg	20 45 16.5	-0.6
ELIS	Ellis County	0.60 219	Pg	20 45 25.4	+0.4
ELIS	ELIS		Pg	20 45 18.1	-0.1
OK032	Salt Plains WL	0.65 65	Pg	20 45 26.9	+0.2
OK032	OK032		Pg	20 45 20.4	-0.1
CROK	Carrier	0.78 92	Pg	20 45 32.1	
CROK	CROK		Iamb_Lg		
KAN14	Manchester OK	0.90 61	Pg	20 45 22.6	-0.2
KAN10	Anthony SW Sta	0.91 49	Pg	20 45 22.7	-0.2
CSTR	Hydro, Custer	0.91 167	Pg	20 45 32.6	-0.3
CSTR	CSTR		Iamb_Lg		
CSTR	CSTR		Sg	20 45 35.6	+0.4
G02R	Grant County #	0.93 70	Pg	20 45 23.1	-0.3
KAN05	Bluff City Nor	1.04 56	Pg	20 45 39.9	+0.2
KAN05	KAN05		Sb	20 45 25.3	-0.3
KAN08	Anthony NE Sta	1.05 48	Pg	20 45 26.5	+0.4
KAN12	Harper NE Sta	1.08 45	Pg	20 45 25.9	-0.3
KAN17	Caldwell West	1.08 61	Pg	20 45 40.2	-0.1
KAN06	Argonia West S	1.13 50	Pg	20 45 26.6	-0.5
KAN01	Argonia South	1.14 57	Pg	20 45 27.0	-0.4
KAN09	Caldwell North	1.23 60	Pg	20 45 28.4	-0.6
KAN13	South Haven SW	1.28 67	Pg	20 45 29.0	-0.1
KS21	Milan North St	1.28 53	Pn	20 45 29.5	+0.4
KS20	Mayfield South	1.32 58	Pn	20 45 30.0	+0.3
BCOK	Bluff Creek, N	1.39 128	Pn	20 45 31.1	+0.4
BLOK	Blackwell	1.41 80	Pn	20 45 31.5	+0.5
BLOK	BLOK		Iamb_Lg		
OK029	Liberty Lake	1.41 121	Pn	20 45 31.3	+0.3
OK009	Oakdale Elemen	1.56 127	Pn	20 45 34.1	+1.1
OK050	Pawnee Station	1.59 94	Pn	20 45 34.6	+1.2
OK025	Westminster Rd	1.61 126	Pn	20 45 34.7	+1.0
OK048	Pawnee Station	1.62 93	Pn	20 45 35.1	+1.2
OK045	Pawnee Station	1.63 92	Pn	20 45 35.2	+1.2
OK046	Pawnee Station	1.65 94	Pn	20 45 35.4	+1.2
OK005	Luther M Schoo	1.67 121	Pn	20 45 35.5	+1.0
OK033	Mehan	1.70 106	Pn	20 45 36.2	+1.4
OK044	Pawnee Station	1.74 95	Pn	20 45 36.5	+1.0
FNO	Franklin	1.79 135	Pn	20 45 37.6	+1.4
WMOK	Wichita Mouna	1.79 176	Pn	20 45 36.8	+0.5
WMOK	Wichita Mouna	1.79 176	P	20 45 36.7	+0.5
OK031	S. Brethren Rd	1.80 107	Pn	20 45 37.3	+1.1
OK052	Battle Ridge R	1.82 107	Pn	20 45 37.2	+0.7
OK053	SW of W Deep R	1.82 106	Pn	20 45 37.5	+0.7
QUOK	Quay	1.84 101	Pn	20 45 38.1	+1.2
QUOK	QUOK		Iamb_Lg		
OK030	Cody Creek RV	1.85 108	Pn	20 45 38.0	+1.0
OK034	N. Norfolk Rd.	1.88 105	Pn	20 45 38.3	+1.0
R32A	Long Quarter,	1.90 6	P	20 45 38.5	+0.9
R32A	R32A		Iamb_Lg		
R32A	R32A		S	20 45 39.2	+1.5
R32A	R32A		Sb	20 46 04.6	+0.9
T35A	Sooner Cattle	2.00 78	Pn	20 45 39.4	+0.4
T35A	T35A		Iamb_Lg		
T35B	Sooner Cattle	2.00 78	P	20 45 40.3	+1.3
T35B	T35B		S	20 46 08.2	+1.7
DEOK	Depew	2.10 108	Pn	20 45 41.1	+0.7
DEOK	DEOK		Iamb_Lg		
OK011	Prague	2.11 119	Pn	20 45 40.0	-0.6
X34A	Smith Ranch, M	2.13 154	Pn	20 45 41.6	+0.8
X34A	X34A		Iamb_Lg		
W35A	Tecumseh	2.17 129	Pn	20 45 41.7	+0.3
CBKS	Cedar Bluff	2.36 345	Pn	20 45 44.9	+0.9

CBKS	comp=Z,241nm,0.8s					
CBKS	Cedar Bluff	2.36 345	P	Pn	20 45 45.3	+1.3
CBKS	baz=164		S	Sb	20 46 17.8	+0.7
TUL1	Leonard	2.63 103	Pn	Pn	20 45 47.9	+0.3
TUL1	Leonard	2.63 103	Pn	Pn	20 45 48.4	+0.8
AMTX	Amarillo	2.77 234	S	Sb	20 45 51.1	+1.5
AMTX	Amarillo	2.77 234	S	Sb	20 46 29.9	+1.2
LOOK	Love County	2.92 150	Pn	Pn	20 45 53.0	+1.4
LOOK	LOOK		Iamb_Lg		20 46 45.2	
KSU1	Kansas State U	3.17 35	Pn	Pn	20 45 57.1	+0.7
KSU1	KSU1		Iamb_Lg		20 46 48.0	
KSU1	comp=Z,141nm,0.8s					
KSU1	Kansas State U	3.17 35	P	Pn	20 45 56.6	+1.5
RLO	Rose Lookout	3.19 95	Pn	Pn	20 45 57.1	+1.7
RLO	RLO		Iamb_Lg		20 46 50.9	
Z35A	Perchaven, San	3.48 156	Pn	Pn	20 46 00.6	+1.2
X37A	Clayton	3.50 123	Pn	Pn	20 45 59.9	+0.2
X37A	Clayton	3.50 123	Pn	Pn	20 45 59.8	+0.1
FW03	Perrin-Whitt E	3.56 168	Pn	Pn	20 46 01.3	+0.8
FW03	FW03		Iamb_Lg		20 46 57.5	
U38A	Gravette	3.68 90	Pn	Pn	20 46 03.1	+1.0
U38A	U38A		Iamb_Lg		20 47 06.2	
U38A	comp=Z,85nm,0.8s					
U38A	Gravette	3.68 90	P	Pn	20 46 03.8	+1.7
FW06	Azle	3.73 162	Pn	Pn	20 46 05.0	+2.2
FW06	FW06		Iamb_Lg		20 47 10.3	
KSCO	Kaye Shedlock	3.82 311	Pn	Pn	20 46 04.6	+0.4
KSCO	KSCO		Iamb_Lg		20 47 07.3	
FW07	Weatherford	3.94 166	Pn	Pn	20 46 07.2	+1.5
FW07	FW07		Iamb_Lg		20 47 19.7	
ABTX	Abiene, Hawle	3.94 189	Pn	Pn	20 46 06.7	+1.0
ABTX	ABTX		Iamb_Lg		20 47 18.1	
MSTX	Muleshoe	4.04 232	Pn	Pn	20 46 07.9	+0.7
MSTX	MSTX		Iamb_Lg		20 47 24.8	
HHAR	Hobbs	4.05 92	Pn	Pn	20 46 07.3	+0.1
HHAR	HHAR		Iamb_Lg		20 47 17.4	
HHAR	Hobbs	4.05 92	P	Pn	20 46 08.5	+1.3
HHAR	HHAR		Iamb_Lg		20 46 11.4	-0.1
N33B	J Bar K, Exete	4.36 15	P	Pn	20 46 11.4	-0.1
N33A	J Bar K, Exete	4.36 15	P	Pn	20 46 11.4	-0.1
N33A	N33A		Iamb_Lg		20 47 27.9	
T25A	Trinidad	4.42 280	Pn	Pn	20 46 12.6	+0.1
T25A	T25A		Iamb_Lg		20 47 27.4	
Z38A	Mt. Pleasant	4.61 134	Pn	Pn	20 46 15.5	+0.6
S39A	Bolivar	4.64 74	Pn	Pn	20 46 16.2	+0.8
S39A	S39A		Iamb_Lg		20 47 33.0	
S39A	Bolivar	4.64 74	P	Pn	20 46 16.2	+0.8
S39A	S39A		Iamb_Lg		20 46 17.9	
WHTX	Lake Whitney,	4.69 164	Pn	Pn	20 46 17.1	+1.0
WHTX	WHTX		Iamb_Lg		20 47 41.9	
MIAR	Mount Ida	4.81 113	Pn	Pn	20 46 18.2	+0.6
MIAR	MIAR		Iamb_Lg		20 47 48.4	
MIAR	comp=Z,95nm,1.1s					
MIAR	Mount Ida	4.81 113	P	Pn	20 46 18.7	+1.1
MIAR	MIAR		Iamb_Lg		20 47 48.4	
MIAR	comp=Z,71nm,0.8s					
MIAR	Mount Ida	4.81 113	P	Pn	20 46 18.7	+1.1
MIAR	MIAR		Iamb_Lg		20 47 48.4	
BGNE	Belgrade	4.91 7	Pn	Pn	20 46 19.5	+0.5
BGNE	BGNE		P	Pn	20 46 19.7	+0.7
BGNE	BGNE		Iamb_Lg		20 46 19.5	+0.5
OGNE	Ogalla	5.02 332	Pn	Pn	20 46 20.1	-0.6
N35A	N35A	5.04 30	Pn	Pn	20 46 21.2	+0.4
Z37A	Washetta, Mont	5.21 149	Pn	Pn	20 46 22.5	-0.7
Z37A	Z37A		Iamb_Lg		20 48 03.0	
P38A	Dawn	5.27 53	Pn	Pn	20 46 24.9	+0.9
P38A	P38A		P	Pn	20 46 25.3	+1.3
CPRX	Cap Rock	5.34 231	Pn	Pn	20 46 25.0	-0.2
SDCO	Great Sand Dun	5.37 285	Pn	Pn	20 46 25.1	-0.6
SDCO	SDCO		Iamb_Lg		20 48 02.2	
X40A	Basin Creek Fa	5.39 110	Pn	Pn	20 46 25.8	+0.1
X40A	X40A		Iamb_Lg		20 48 05.7	
MGMO	Mountain Grove	5.39 81	Pn	Pn	20 46 26.2	+0.5
MGMO	MGMO		Iamb_Lg		20 48 00.7	
Q24A	Divide	5.48 298	Pn	Pn	20 46 26.8	-0.4
WHAR	Woolly Hollow					

23d 22h

Table with columns: SOEI, Soe, Time, P, Pn, and various station codes like SOEI, SOE, BATI, BATI, BATI, etc.

2016 DEC

Table with columns: PMG, Port Moresby, Port Moresby, Port Moresby, Port Moresby, etc., and various station codes.

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Table with columns: TOLII, TOLII, KAPI, FORT, FORT, FORT, etc., and various station codes.

BUI 22 22:22:17.9... 6.24S; 153.84E, h5km, mb4.9/5.5, mB5.4/25, Ms5.2/3, Ms7.5/1.3, IDC 22:22:17.5... 6.60S; 153.77E, h0km, mb4.7/25, mbmp4.7/29, ML4.7/4, MS3.8/40, Error ellipse: s-maj=15.1km s-min=11.6km az=66.0, ISC-EH 22:22:18.7... 6.61S; 153.88E, h11km, 1km, Error ellipse: s-maj=3.0km s-min=2.4km az=115.0, MOS 22:22:19.0... 6.58S; 153.80E, h21km, mb3.3/28, Error ellipse: s-maj=9.2km s-min=6.8km az=69.1, NEIC 22:22:20.4... 7.15S; 153.85E, h2.07km, h2.02km, 5km, mb5.0/95, Error ellipse: s-maj=11.3km s-min=8.7km az=50.0, GCMT 22:22:20.4... 6.76S; 153.86E; 0.05, h18km, 1km, MW4.8/74, Moment Tensor Solution. s18,c19; s74,c83; Duration: 0 Moment tensor: Scale 10^19Nm; Mir-2.50E; 22; M0.167±.14; M0.0.91±.12; M0.0.18±.41; M0.0.20±.08; M0.0.86±.41; Best double couple: M2.27300±.016 NP1.0±120.00000°, δ52.00000°, λ-75.00000°. NP2: φ±277.00000°, δ40.00000°, λ-108.00000°. Principal axes: T 1.7610, P16.0000, Azm199.0000; N 1.0290, P12.0000, Azm291.0000; P -2.7860, P1677.0000; Azm83.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function, DJA 22:22:23.6... 1.0, 7.5S; 151.4E, h41km, 6km, Ms.1/27, mB5.3/6, mb5.0/27, MLv5.4/3, Mw(mB)4.7/6, ISC 22:22:19.0... 1.1, 6.53S; 153.87E, 0.05, h12km, 6km, n394, ±1908/372, mb5.0/105, MS3.9/40, 9C-14D, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Op, h, s, ISC, and various station codes like KRVT, KRVT, RABL, HNR, HNR, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes entries like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

2016 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes entries like WMQ comp=Z,16m,1.5s, P19K Oil Pt, HYBB Hyderabad (bro), etc.

23d 22h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other details. Includes entries like G25K Bearman Lake, O29M Mount Kennedy, K27K Chicken, etc.

23d 23h

SGTA	comp=E,2500µm,0.6s	AML	AML		
SGTA	comp=E,2485µm,0.6s	AML	AML		
A051A	Mirkovica	2.74 336	Pn	Pn	23 40 09.3 +1.9
A051A		eSn	Sn	Sn	23 40 41.5 +1.2
MOCO	Biccarri - m.te	2.75 246	P	Pn	23 40 09.5 +2.0
MOCO		P	AML		
MOCO	comp=E,1930µm,0.7s	AML	AML		
MOCO	comp=N,1190µm,1.6s	AML	AML		
MOCO	comp=N,1225µm,1.3s	AML	AML		
MOCO	comp=N,1190µm,0.4s	AML	AML		
MOCO	comp=E,1970µm,0.7s	AML	AML		
FNA	Florina	2.77 128	P	Pn	23 40 09.4 +1.6
FNA	Florina	2.77 128	P	Pn	23 40 10.1 +2.3
FNA		S	Sb	Sb	23 40 45.2 -1.7
FNA	comp=E,1µm,0.7s	2.77 128	P	Pn	23 40 10.4 +2.6
FNA	baz=128	S	Sn	Sn	23 40 42.4 +1.5
FNA	baz=128	2.77 128	P	Pn	23 40 09.4 +1.6
FNA	Florina Prijedor	2.77 333	ePn	Pn	23 40 09.1 +1.3
FRJG		eSn	Sn	Sn	23 40 42.6 +1.7
FRGS	Fruska Gora	2.80 19	P	Pn	23 40 09.1 +0.9
FRGS		S	Sn	Sn	23 40 44.1 +2.5
FRGS	Fruska Gora	2.80 19	P	Pn	23 40 08.9 +0.7
FRGS		eSn	Pn	Pn	23 40 42.6 +1.0
FRGS	Fruska Gora	2.80 19	ePn	Pn	23 40 08.9 +0.7
FRGS		eSn	Sn	Sn	23 40 44.2 +2.5
CIGN	Sant'Elia a Pi	2.81 253	P	Pn	23 40 10.3 +1.9
CIGN		P	AML		
CIGN	comp=E,956µm,1.6s	AML	AML		
CIGN	comp=N,1370µm,1.6s	AML	AML		
CIGN	comp=E,956µm,0.4s	AML	AML		
UDBI	Udbina	2.82 316	ePn	Pb	23 40 15.4 +1.3
UDBI		P	Sb	Sb	23 40 45.9 -2.6
NEST	Nestorio	2.85 137	P	Pn	23 40 11.0 +2.1
NEST		S	Sn	Sn	23 40 44.0 +1.1
LSK	comp=E,498nm,1.4s	2.85 146	P	Pn	23 40 10.5 +1.6
LSK	baz=146	S	Sn	Sn	23 40 44.7 +1.8
LSK	baz=146	AMP			
GATE	comp=E,4.6nm,1.1s, baz=146	2.86 251	P	Pb	23 40 12.9 -1.8
GATE		P	AML		
GATE	comp=E,1485µm,1.1s	AML	AML		
GATE	comp=N,1945µm,0.7s	AML	AML		
GATE	comp=E,916µm,0.8s	AML	AML		
GATE	comp=N,2035µm,0.7s	AML	AML		
GATE	comp=N,2035µm,1.3s	AML	AML		
GATE	comp=E,1485µm,0.9s	AML	AML		
GATE	comp=N,1945µm,1.3s	AML	AML		
GATE	comp=E,916µm,1.2s	AML	AML		
MRLC	Muro Lucano	2.87 233	P	Pn	23 40 09.7 +0.6
MRLC		P	AML		
MRLC	comp=E,1250µm,1.0s	AML	AML		
MRLC	comp=N,1207µm,1.3s	AML	AML		
MRLC	comp=E,1290µm,1.0s	AML	AML		
MRLC	comp=N,1210µm,1.1s	AML	AML		
MRLC	comp=N,1207µm,0.7s	AML	AML		
MRLC	comp=N,1210µm,0.9s	AML	AML		
MRLC	comp=E,1290µm,1.0s	AML	AML		
MRLC	comp=N,1250µm,1.0s	AML	AML		
SRN	Sarande	2.87 156	P	Pn	23 40 09.9 +0.8
SRN	baz=156	S	Sn	Sn	23 40 44.5 +1.1
SRN	baz=156	AMP			
AG11	comp=N,1.5nm,1.0s, baz=156	2.91 222	P	Pn	23 40 10.0 +0.3
AG11	Viggiano (PZ)	P	AML		
AG11	comp=E,1640µm,0.7s	AML	AML		
AG11	comp=N,1775µm,0.7s	AML	AML		
DUGI	Dugi Otok	2.91 301	ePn	Pn	23 40 12.6 +2.9
DUGI		eSn	Sb	Sb	23 40 48.8 -2.1
SNAL	S. Angelo Dei	2.94 238	P	Pn	23 40 13.1 +3.0
SNAL		P	AML		
SNAL	comp=E,2035µm,1.1s	AML	AML		
SNAL	comp=N,1810µm,0.9s	AML	AML		
SNAL	comp=E,1930µm,1.1s	AML	AML		
SNAL	comp=N,1870µm,1.1s	AML	AML		
SNAL	comp=N,1870µm,0.9s	AML	AML		
BOSS	Bosilegrad	2.94 89	ePn	Sn	23 40 46.3 +1.1
SCHR	S. Chirico Rap	2.95 219	P	Pn	23 40 10.6 +0.2
SCHR		P	AML		
SCHR	comp=E,626µm,1.2s	AML	AML		
SCHR	comp=N,666µm,0.7s	AML	AML		
SCHR	comp=E,626µm,0.8s	AML	AML		
KEK	Kerkira	2.97 160	P	Pn	23 40 11.5 +1.0
KEK	Kerkira	2.97 160	P	Pn	23 40 11.0 +0.4
KEK		S	Sn	Sn	23 40 45.2 -0.7
MRB1	Monte Rocchett	2.98 243	P	Pn	23 40 13.4 +2.6
MRB1		P	AML		
MRB1	comp=E,2390µm,0.9s	AML	AML		
MRB1	comp=N,2170µm,1.2s	AML	AML		
MRB1	comp=E,2375µm,0.9s	AML	AML		
MRB1	comp=N,2265µm,1.2s	AML	AML		
MRB1	comp=N,2265µm,0.8s	AML	AML		
MRB1	comp=E,2375µm,1.1s	AML	AML		
MRB1	comp=E,2390µm,1.1s	AML	AML		
MRB1	comp=N,2170µm,0.8s	AML	AML		
KUBS	Kucevo	2.98 50	ePn	Pn	23 40 10.6 -0.1
KUBS		eSn	Sn	Sn	23 40 46.6 +0.4
MCEL	Monticello	2.99 224	P	Pn	23 40 10.8 -0.1
MCEL		P	AML		
MCEL	comp=E,972µm,0.5s	AML	AML		
MCEL	comp=E,968µm,0.5s	AML	AML		
MCEL	comp=N,983µm,1.2s	AML	AML		
MCEL	comp=E,968µm,1.5s	AML	AML		
MCEL	comp=E,972µm,1.5s	AML	AML		
MCEL	comp=N,984µm,1.2s	AML	AML		
ZAGS	Zajecar	3.02 63	ePn	Pn	23 40 12.2 +1.0
ZAGS		eSn	Sn	Sn	23 40 47.6 +0.6
SLCN	Sala Consilina	3.03 226	P	Pn	23 40 12.2 +0.8
SLCN		P	AML		
SLCN	comp=E,1200µm,0.6s	AML	AML		
SLCN	comp=E,1260µm,0.6s	AML	AML		
SLCN	comp=N,1119µm,1.0s	AML	AML		
SLCN	comp=N,998µm,0.7s	AML	AML		
SLCN	comp=E,1200µm,1.4s	AML	AML		

2016 DEC

TRIV	Trivento	3.03 257	P	Pn	23 40 13.6 +2.2
TRIV		P	AML		
TRIV	comp=E,1610µm,1.3s	AML	AML		
TRIV	comp=N,1900µm,1.1s	AML	AML		
TRIV	comp=E,1610µm,0.7s	AML	AML		
TRIV	comp=N,1900µm,0.9s	AML	AML		
MCRV	Calabutti - M	3.04 236	P	Pn	23 40 13.2 +1.6
MCRV		P	AML		
MCRV	comp=E,1068µm,1.0s	AML	AML		
SACR	S. Croce Del S.	3.04 250	P	Pn	23 40 13.8 +2.2
SACR		P	AML		
SACR	comp=N,884µm,0.7s	AML	AML		
SACR	comp=N,880µm,0.7s	AML	AML		
SACR	comp=E,1090µm,0.8s	AML	AML		
SACR	comp=E,1100µm,0.8s	AML	AML		
SACR	comp=N,884µm,1.3s	AML	AML		
SACR	comp=N,880µm,1.3s	AML	AML		
MTSN	Montesano sul	3.06 223	P	Pn	23 40 12.4 +0.6
MTSN		P	AML		
MTSN	comp=E,715µm,0.7s	AML	AML		
MTSN	comp=N,670µm,0.7s	AML	AML		
MTSN	comp=N,670µm,1.3s	AML	AML		
SIRI	Monte Sirino -	3.06 221	P	Pn	23 40 12.2 +0.2
SIRI		P	AML		
SIRI	comp=E,714µm,1.1s	AML	AML		
SIRI	comp=E,716µm,1.1s	AML	AML		
SIRI	comp=E,716µm,0.9s	AML	AML		
SIRI	comp=N,607µm,0.7s	AML	AML		
SIRI	comp=N,592µm,0.7s	AML	AML		
SIRI	comp=E,714µm,0.9s	AML	AML		
BSSO	Busso	3.07 253	P	Pn	23 40 12.2 +0.2
BSSO		P	AML		
BSSO	comp=N,354µm,0.8s	AML	AML		
BSSO	comp=E,936µm,0.6s	AML	AML		
BSSO	comp=N,862µm,0.8s	AML	AML		
BSSO	comp=E,373µm,0.6s	AML	AML		
BSSO	comp=N,354µm,1.2s	AML	AML		
BSSO	comp=E,373µm,1.4s	AML	AML		
BSSO	comp=E,936µm,1.4s	AML	AML		
VIRC	Vir	3.07 306	ePn	Pn	23 40 14.7 +2.8
VIRC		Sn	Sb	Sb	23 40 52.3 -3.2
CAFR	Castel Frentan	3.09 266	P	Pn	23 40 16.4 -2.2
CAFR		P	AML		
CAFR	comp=E,1395µm,1.0s	AML	AML		
CAFR	comp=N,1720µm,0.8s	AML	AML		
CAFR	comp=E,1395µm,1.0s	AML	AML		
SALB	San Lorenzo Be	3.10 212	P	Pn	23 40 13.0 +0.6
SALB		P	AML		
SALB	comp=E,588µm,1.0s	AML	AML		
SALB	comp=E,581µm,1.0s	AML	AML		
SALB	comp=N,412µm,1.1s	AML	AML		
SALB	comp=N,386µm,1.1s	AML	AML		
SALB	comp=E,588µm,1.0s	AML	AML		
SALB	comp=E,581µm,1.0s	AML	AML		
ZAPS	Zavoj	3.13 75	eSn	Pn	23 40 14.8 +2.1
ZAPS	Zavoj	3.13 75	ePn	Sn	23 40 49.4 -0.4
CDRU	Civita di Ruta	3.14 231	P	Pn	23 40 13.4 +0.4
CDRU		P	AML		
CDRU	comp=N,358µm,1.4s	AML	AML		
CDRU	comp=N,358µm,0.6s	AML	AML		
CDRU	comp=E,454µm,1.5s	AML	AML		
PLIT	Plitvice	3.15 319	ePn	Pb	23 40 16.7 -2.9
PLIT		Sn	Sb	Sb	23 40 55.2 -2.5
VITU	Vitaluno (BN)	3.19 246	P	Pn	23 40 15.7 +2.2
VITU		P	AML		
VITU	comp=E,540µm,1.1s	AML	AML		
VITU	comp=N,1765µm,0.5s	AML	AML		
VITU	comp=E,1485µm,0.6s	AML	AML		
VITU	comp=E,540µm,0.9s	AML	AML		
VITU	comp=N,1795µm,0.5s	AML	AML		
CUC	Castrocuoco	3.24 220	P	Pn	23 40 15.1 +0.9
CUC	Castrocuoco	3.24 220	P	Pn	23 40 14.7 +0.5
CUC		P	AML		
CUC	comp=E,536µm,0.9s	AML	AML		
CUC	comp=N,586µm,0.7s	AML	AML		
CUC	comp=E,640µm,0.9s	AML	AML		
CUC	comp=N,709µm,0.7s	AML	AML		
CUC	comp=N,586µm,1.3s	AML	AML		
CUC	comp=N,709µm,1.3s	AML	AML		
CUC	comp=E,640µm,1.1s	AML	AML		
CUC	comp=E,536µm,1.1s	AML	AML		
CUC	Castrocuoco	3.24 220	Pn	Pn	23 40 14.8 +0.5
CUC	Lama dei Pelig	3.24 263	P	Pn	23 40 17.1 +2.9
CUC		P	AML		
CUC	comp=E,1370µm,1.1s	AML	AML		
CUC	comp=N,1170µm,1.0s	AML	AML		
MMN	Mormanno	3.24 217	P	Pn	23 40 16.4 +2.2
MMN		P	AML		
MMN	comp=E,182µm,0.8s	AML	AML		
MMN	comp=N,322µm,1.1s				

23d 23h

Table with columns for station name, frequency, power, and signal quality. Includes stations like EVR, TH, SKDS, etc.

2016 DEC

Table with columns for station name, frequency, power, and signal quality. Includes stations like CAFI, SACS, SACS, etc.

1760

Table with columns for station name, frequency, power, and signal quality. Includes stations like ABTA, ABTA, MAIM, etc.

24d Oh

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, and various other arrays.

IDC 23 23:42:29.4+1.5, 6:75S, 154.02E, h0km, mb3.8/7, mbmp3.9, ML3.0/2, MS3.3/3, Error ellipse: s-maj=41.7km

ISC 23 23:42:37.2+1.2, 6:55S, 0:09, 153.8E, 0.1, h48km, n12, c139/12, mb3.6/7, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRVT Keravat, WRA Warrungarra Arr, and others.

UCR 23 23:51:09.7+1.5, 12:05N, 86:63W, h17km, 8km, MW3.6

INET 23 23:51:09.0+1.6, 12:03N, 86:73W, h74km, 3km, ML4.0

SNET 23 23:51:09.3+1.9, 12:17N, 86:89W, h8km, 12km, ML3.8

ISC 23 23:51:09.9+1.4, 12:12N, 87:07W, h80km, 11km, n37, c58/44, Nicaragua

2016 DEC

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CNGN Cerro Negro, MGAN Managua, and others.

IDC 23 23:51:48.2+2.7, 6:64S, 154:43E, h0km, mb3.3/3, mbmp3.4/4, ML3.6/1, Error ellipse: s-maj=64.6km

s-min=33.6km az=100.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRVT Keravat, WRA Warrungarra Arr, and others.

IDC 24 00:01:28.4+3.6, 10:40N, 127:09E, h0km, mb3.3/3, mbmp3.3/3, Error ellipse: s-maj=254.3km s-min=30.5km

MAN 24 00:01:35.3, 10:02N, 126:27E, h3km, mb4.4, ML3.2, MS3.0

ISC 24 00:01:34.9+1.7, 9:94N, 0:05, 126.38E, 0:08, h16km, gkm, n15, c142/22, mb3.1/3, 8C-3D, Mindaano

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GLSP General Luna, SCPH Surigao, and others.

IDC 24 00:02:01.3+1.6, 6:72S, 153:83E, h0km, mb3.7/7, mbmp3.8/9, ML2.8/2, MS3.9/1, Error ellipse: s-maj=44.1km

s-min=22.7km az=121.0, ISC 24 00:02:07.3+1.2, 6:60S, 0:09, 153.7E, 0.1, h35km, n11, c080/12, mb3.8/7, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRVT Keravat, HNR Honiara, and others.

ILAR Eielson Array 83.48 22 P P 00 14 30.6 -0.5

TORD Torodi Ar. Bea 151.68 285 PKPbc PKPbc 00 21 59.4 +0.2

ZALV Zalesovo Beam 83.14 326 P P 00 14 29.8 +0.2

MOMN Momotombo 0.31 24 eP Pn 23 51 21.9 -0.4

1762

IDC 24 00:09:57.8+0.9, 6:60S, 153:64E, h0km, mb4.2/11, mbmp4.2/13, ML3.8/3, MS3.6/9, Error ellipse: s-maj=28.0km s-min=15.9km az=87.0

NEIC 24 00:09:58.0+1.6, 6:61S, 0:09, 154:1E, 0.1, h10km, 1km, mb4.7/27, Error ellipse: s-maj=19.4km s-min=14.6km az=81.0

BUI 24 00:09:57.2+0.0, 6:53S, 154:45E, h19km, mb4.8/16, mb5.4/13, Ms5.1/2, Ms7.4/8/2

DJA 24 00:10:10.6+1.1, 7:5S, 15:3E, 1.2, h88km, 8km, M4.5/9, mb4.5/1, mb4.4/9, MLV4.5/2, MW(B)3.6/1

ISC 24 00:10:03.1+0.5, 6:64S, 0:06, 153.90E, 0:08, h48km, n64, c183/62, mb4.6/29, MS3.6/1C, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRVT Keravat, RABL Rabaul, and others.

MOMN Momotombo 0.31 24 eP Pn 23 51 21.9 -0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like NEA2 Nenanana, MAK2 Makanchi, ZAA0 Zalesovo Array, etc.

ADC 24 00:26:58.0, 6.5, 60S: 153.92E, h0km, mb4.5/18, mtmtp4.5, 21, ML3.73, MS4.4, 29, Error ellipse: s-maj=18.9km s-min=13.2km az=91.0

MOS 24 00:27:02.0, 6.9, 5:50S: 153.68E, h27km, mb5.1/23, Error ellipse: s-maj=9.4km s-min=8.0km az=107.1

ISC-EH 24 00:27:06.1, 5.61S: 153.73E, h45km, 1km, Error ellipse: s-maj=5.5km s-min=3.5km az=73.0

BUI 24 00:27:07.2, 0.0, 5:50S: 153.61E, h59km, mb5.0/47, mB5.3/25, Ms4.9/15, Ms7.4/7/16

NEIC 24 00:27:07.3, 1.5, 5.61S: 0.03x153.62E, 0.06, h48km, 7km, mb5.0/51, Error ellipse: s-maj=9.2km s-min=2.8km az=115.0

GCMT 24 00:27:08.3, 0.2, 5:80S: 0.01x153.62E, 0.01, h30km, MW5.2/14, Moment Tensor Solution, s95, c130, s114, c172

ISC 24 00:27:06.0, 4.5, 6:15S: 0.04x153.72E, 0.05, h41km, 3km, h41km, pP-P, n199, s195/194, mb4.9/67, MS4.4/38, 15C-9D, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

Table with columns: ARMA, IAMB, IAMB, 00 32 26.0, etc. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: XLT, pmax, pmax, 00 32 26.0, etc. Includes stations like XLT comp=Z,26nm,1.0s, XLT comp=Z,380nm,6.4s, HEH Heihe, etc.

24d Oh

Table of station data for 24d Oh, including call signs (ZAAO, ZALV, ZALW, etc.), frequencies, and other technical details.

2016 DEC

Table of station data for 2016 DEC, including call signs (CTA, WRA, ASAR, etc.), frequencies, and other technical details.

1764

Table of station data for 1764, including call signs (MAN, INTENSITY IV, etc.), frequencies, and other technical details.

Table with 5 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for PMG and TORO.

Table with 5 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for TXAR and WRA.

Table with 5 columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WRA and WRA.

240 1h

Table with columns: FARO, FINESS, A36M, MNK, etc. containing station names, frequencies, and technical details.

NEIC 24 00:50:40.3-2.1, 29.64S; 01:04:71.72W, 0.09h, 35km, 2km, mb4, 1/7, ML4.0(GUC), Error ellipse: s-maj=12.7km

GUC 24 00:50:41.8-0.7, 29.69S; 71.30W, h79km, 3km, ML4.0, IDC 24 00:50:43.8-3.0, 29.56S; 71.09W, h79km, 2.4km, mb3.4/4, mbmp3.8/9, MS2.1/1, Error ellipse: s-maj=35.8km

ISC 24 00:50:41.5-0.7, 29.89S; 0:03:71.35W, 0.06h, 71km, 6km, n17, 4, r14/8/6, mb3.7/6, 2C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their parameters.

2016 DEC

Table with columns: CFA, VA01, AC02, AC02, AC02, etc. containing station names, frequencies, and technical details.

IDC 24 00:54:28.7-1.0, 6:54S; 153:83E, h0km, mb4.0/10, mbmp4.1/12, ML2.9/2, Error ellipse: s-maj=31.2km

ISC 24 00:54:28.0-1.9, 6.82S; 0:3:154.2E, 0.3h, 10km, n13, r067/11, mb4.2/10, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their parameters.

1766

Table with columns: KSR5, KLR, CMAR, SONM, MKAR, ZALV, ILAR, TORD, etc. containing station names, frequencies, and technical details.

IDC 24 01:04:46.5-5.2, 4:49S; 153:54E, h123km, 32km, mb3.3/3, mbmp3.9, MS2.1, Error ellipse: s-maj=64.3km

ISC 24 01:04:43.3-1.8, 4.5S; 0:1:153.8E, 0.2h, 100km, n6, r122/8, mb3.3/3, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their parameters.

IDC 24 01:10:00.1-0.8, 5:86S; 153:50E, h0km, mb3.9/10, mbmp3.9/12, ML2.6/2, MS2.1, Error ellipse: s-maj=23.2km

ISC 24 01:04:47.0-6.5, 5:00S; 0:08:153.60E, 0:07h, h32km, n17, r155/21, mb3.7/9, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their parameters.

IDC 24 01:18:54.1-1.5, 6:81S; 154:14E, h0km, mb3.8/7, mbmp3.9/9, ML3.1/2, MS3.0/1, Error ellipse: s-maj=44.0km

ISC 24 01:19:01.1-2.1, 6.6S; 0:1:153.8E, 0.2h, h35km, n10, r135/12, mb3.8/7, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their parameters.

TIF 24 01:27:15.9, 43°58N, 43°92E, h20km, 3km
NORS 24 01:27:15.6, 0.0, 43°53N, 43°83E, h20km, MPVA3.8
MOS 24 01:27:17.3, 0.0, 43°55N, 43°84E, h5km, MPVA3.5
DRS 24 01:27:18.7, 0.0, 43°29N, 43°88E, h18km
ISC 24 01:27:16.5, 0.9, 43°57N, 0.02, 43°90E, 0.02, h15km, 7km,
n44, c087/81, Western Caucasus

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NCK, NCK, STDR, STDR, LSNR, LSNR, PRTR, PRTR, ARNR, ARNR, KORR, KORR, BTKR, BTKR, TRKR, TRKR, DIGR, DIGR, KBZ, KBZ, PYA1, PYA1, VLKR, VLKR, ZEI, ZEI, LACR, LACR, KMGR, KMGR, BEYR, BEYR, NEY, NEY, SHA1, SHA1, KIV, KIV, ONI, ONI, PNSH, PNSH, GUDG, GUDG, TKB, TKB, ALER, ALER, ALIG, ALIG, DVE, DVE, BTLR, BTLR, BRNG, BRNG, ABS, ABS, TRLG, TRLG, DLMR, DLMR, AHMR, AHMR, AKH, AKH, DBC, DBC, DMNI, DMNI, UNCR, UNCR, XNZR, XNZR, KRNR, KRNR, LGD, LGD, BUJR, BUJR, ARKR, ARKR, GNBR, GNBR, RPOR, RPOR, MKKR, MKKR.

ISC 24 01:31:33.9, 0.7, 13°37N, 88°73W, h0km, mb4, 1/18,
mbmp4.2/19, ML3.9/1, MS4.1/1, Error ellipse:
s-maj=31.8km s-min=12.0km az=53.0
SNET 24 01:31:33.6, 1.3, 12°47N, 89°56W, h59km, ML4.5
INET 24 01:31:33.1, 1.0, 12°43N, 89°64W, h15km, 4km, MW3.6
CGC 24 01:31:35.6, 0.4, 12°51N, 89°89W, h0km, 53km, MD4.2
NEIC 24 01:31:38.3, 1.8, 12°50N, 07°07E, h29km, 2km,
mb4.6/124, Md4.5(SNET), Error ellipse: s-maj=13.7km
s-min=8.6km az=221.0
ISC-EH 24 01:31:39.1, 12°83N, 89°30W, h54km, 3km, Error ellipse:
s-maj=7.5km s-min=3.2km az=47.0
UCR 24 01:31:40.9, 1.7, 12°33N, 89°22W, h142km, 305km,
mb4.6(NEIC)
ISC 24 01:31:37.2, 0.4, 12°76N, 0.05, 89°39W, 0.05, h35km, n256,
c132/224, mb4.6/73, 2C-1D, Off coast of central

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JAYA, LFRS, SJTE, SNET, SERV, TECO, BOQS, ALJI, COEG, CEDA, PAVA, CEVE, COEB, SNJE, SCLA, RTR, POSS, NUBE, PACA, SLQZ, PSNO, CAHU, MTO3, ESQI, PCG, NBG, FUG, CRIN, GRIN, TGUH, TGUH, CNGN, RTAL, STGS, STIC, HUEH, MATN, BOAB, PIET, AGON, HZTE.

Table with columns: GBS3, LABC, BUEV, CCG, GFS, GPS2, ORTG, MESS, COLC, HORNC, CUJ, DUNO, ACTAL, JCS, ESPN, CEDE, JACO, PEZE, CMIG, CMIG, SRBA, TEIG, BRUJ, BCIP, ZAIG, 833A, 342A, SDV, SDV, 352A, TIGA, VBMS, VBMS, 435B, 435B, 435B, NATX, NATX, 146A, 237A, 237A, JCT, JCT, LRLAL, LRLAL, WHTX, WHTX, HPWG, TXAR, TXAR, TX31, TX31, Y49A, FW07, BAUV, BAUV, Y52A, Y52A, OXF, OXF, FW03, Z35A, X40A, ABTX, ABTX, FBAL, FBAL, MIAR, MIAR, MIAR, UALR, UALR, LOOK, LOOK, X37A, ATAH, X34A, LCAR, WWT, TKL, CLTN, KMSC, WMOK, V53A, TUL1, TUL1, RLO, U49A, MNTX, BCOK, OK03, QUOK, QUOK, MSTX, MSTX.

Table with columns: MGMO, CGM3, T50A, U54A, AMTX, AMTX, V58A, V58A, S44A, ELIS, S39A, CCM, CCM, KAN01, KS20, WCI, WCI, WCI, WCI, KAN08, R40A, 121A, T59A, P40A, ANMO, DUN6, DUN6, P40A, ANMO, KSU1, KSU1, P52A, P52A, CBKS, SFIN, TUC, TUC, O48B, HDIL, HDIL, T25A, T25A, O53A, KSCO, KSCO, SDCO, M50A, L40A, S22A, S22A, SSAP, BGNE, Q24A, MVCO, JFWS, WUAZ, WUAZ, ISCO, ISCO, PV11, PV11, PV23, BINY, N23A, MONP, O20A, ETMB, ETMB, 109C, GMRC, V12A, V12A, SPUN, SUSD, RSSD, RSSD, RSSD, MPMC, R11A, PDAR, PDAR, GRAC, EYMN, AHID, REDW, LPAZ, AGMN, MDND, NVAR, NVAR, NVAR, LAO, YMR, DGMT, ULM.

24d 1h

PETK	comp=Z,15nm,0.6s,baz=167,slow=7.0,SNR=31	LR	LR	02 03 06.4				
CM31	comp=Z,15nm,0.6s	P	P	01 42 10.8 +0.4				
CMAR	Chiang Mai Arr 58.72 295 P	P	P	01 42 10.8 +0.4				
CMAR	comp=Z,58nm,0.8s,baz=112,slow=5.0,SNR=56	LR	LR	02 06 13.4				
CHTO	Chiang Mai 58.83 296 P	P	P	01 42 11.7 +0.6				
CHTO	comp=Z,54nm,1.1s	I Amb	I Amb	01 42 15.2				
CHTO	Chiang Mai 58.83 296 P	P	P	01 42 11.7 +0.6				
PZH	comp=Z,54nm,1.1s	P	P					
PZH	PanZhiHua 59.21 305 P	P	P	01 42 14.3 +0.5				
PZH	comp=Z,2.0m,20.6s,baz=110,slow=35	pP	pP	01 42 20.5 -6.4				
PZH	comp=Z,1.0nm,1.0s	pP	pP	01 42 26.5 -5.5				
PZH	comp=Z,550nm,8.6s	S	S	01 50 20.8 +0.6				
PZH	comp=Z,6.0m,22.0s	sS	sS	01 50 38.0 -3.1				
PZH	comp=Z,8.0m,23.5s	SS	SS	01 54 18.3 +2.4				
PZH	comp=Z,4.0m,22.0s	pmax	pmax					
XLT	XilinHaoTe 59.39 329 P	P	P	01 42 14.8 +0.2				
XLT	comp=Z,110nm,1.2s	pP	pP	01 42 20.5 -6.4				
XLT	comp=Z,1.0m,6.5s	pP	pP	01 42 26.5 -5.5				
XLT	comp=Z,2.0m,24.6s	S	S	01 50 20.8 +0.6				
XLT	comp=Z,3.0m,24.4s	sS	sS	01 50 38.0 -3.1				
CD2	Chengdu 59.56 310 P	P	P	01 42 16.0 0.0				
CD2	comp=Z,130nm,0.8s	pP	pP	01 42 25.3 -3.0				
CD2	comp=Z,820nm,7.8s	PP	PP	01 44 30.1 +2.0				
CD2	comp=Z,1.0m,9.5s	S	S	01 50 19.3 -3.4				
CD2	comp=Z,1.0m,17.7s	sS	sS	01 50 44.8 -0.2				
CD2	comp=Z,4.0m,21.8s	pmax	pmax					
HEH	HeiHe 59.68 341 eP	P	P	01 42 14.9 -1.4				
HEH	comp=Z,20nm,1.3s	pP	pP	01 42 24.8 -3.9				
HEH	comp=Z,770nm,8.3s	ScP	ScP	01 46 54.9 +5.1				
HEH	comp=Z,1.0m,14.9s	S	S	01 50 27.6 +4.2				
HEH	comp=Z,1.0m,14.7s	sS	sS	01 50 39.8 +1.9				
HEH	comp=Z,2.0m,17.5s	ScS	ScS	01 52 03.1 +0.6				
HHC	Hu-ho-hao-te 59.81 324 eP	P	P	01 42 20.3 +2.7				
HHC	comp=Z,72nm,1.0s	S	S	01 50 26.8 +1.1				
HHC	comp=Z,600nm,7.6s	pmax	pmax					
HHC	comp=Z,3.0m,22.0s	LR	LR					
HHC	comp=Z,3.0m,18.8s	LR	LR					
HHC	comp=Z,6.0m,22.0s	LR	LR					
SHEM	Shemya Is. Ala 60.29 14 LR	LR	LR	02 04 29.2				
BTO	Baotou 60.57 323 eP	S	S	01 42 24.0 +1.2				
BTO	comp=Z,6.0m,20.2s	P	P	01 50 38.8 +3.4				
BTO	comp=Z,7.0m,20.2s	LR	LR					
TNCH	TengChong 61.32 302 P	P	P	01 42 27.1 -1.2				
TNCH	comp=Z,80nm,0.3s	S	S	01 50 46.4 +0.8				
TNCH	comp=Z,660nm,6.5s	sS	sS	01 51 05.4 -2.3				
TNCH	comp=Z,980nm,18.5s	pmax	pmax					
TNCH	comp=Z,630nm,18.3s	LR	LR					
HIA	Hailar 61.71 336 I Amb	I Amb	I Amb	01 42 32.9				
HIA	comp=Z,2.0m,19.9s	P	P	01 42 31.9 +1.7				
LZH	Lanzhou 62.04 316 eP	P	P	01 42 33.3 +0.4				
LZH	comp=Z,40nm,1.2s	pP	pP	01 42 43.3 -2.0				
LZH	comp=Z,2.0m,19.9s	SP	SP	01 42 47.4 -3.0				
LZH	comp=Z,3.0m,18.8s	S	S	01 50 56.9 +2.5				
LZH	comp=Z,2.00nm,1.2s	sS	sS	01 51 13.1 -3.4				
LZH	comp=Z,950nm,4.5s	SS	SS	01 54 58.9 +1.0				
DRV	Dumont d'Urville 62.07 186 P	P	P	01 42 32.6 +0.3				
DRV	comp=Z,200nm,1.2s	pP	pP	01 42 47.4 -2.4				
MND	Mandalay 62.36 298 P	P	P	01 42 35.8 +0.7				
ZEA	Zeya 62.75 343 eP	P	P	01 42 36.9 -0.2				
ZEA	comp=Z,20nm,1.6s	eSP	eSP	01 42 58.0 +3.0				
ZEA	comp=N,300nm,4.3s	eS	eS	01 51 04.6 +2.3				
ZEA	comp=Z,300nm,6.4s	pmax	pmax					
ZEA	comp=N,300nm,8.0s	pmax	pmax					
ZEA	comp=E,400nm,18.0s	smax	smax					
ZEA	comp=N,500nm,21.0s	MLR	MLR					
ZEA	comp=Z,700nm,18.0s	MLR	MLR					
MA2	Magadan 64.62 358 LR	LR	LR	02 11 18.4				
MA2	comp=Z,945nm,19.1s,baz=185,slow=36	P	P	01 42 48.3 -1.0				
MA2	Magadan 64.62 358 P	I Amb	I Amb	01 43 12.9				
MA2	comp=Z,42nm,0.9s	P	P	01 42 48.9 -0.4				
MA2	Magadan 64.62 358 eP	P	P	01 42 49.5 +0.2				
MA2	comp=Z,42nm,0.8s	pmax	pmax					
MA2	Magadan 64.62 358 P	P	P	01 42 48.7 -0.5				
IMP	Imphal 65.15 300 eP	P	P	01 42 52.3 -1.2				
IMP	comp=Z,27nm,1.0s	I Amb	I Amb	01 42 56.8				
SAIH	SAIHA 65.26 298 eP	P	P	01 42 54.7 +0.4				
TAOE	Nuku Hiva Isla 65.84 97 eP	P	P	01 42 59.3 +1.1				
TAOE	comp=Z,716nm,28.7s	eS	S	01 51 41.8 -0.4				

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TAOE	comp=Z,914nm,31.6s	eSS	SS	01 55 58.9 +1.1				
TAOE	comp=Z,3.0m,21.9s	eLR	LR	02 02 44.1				
GTA	Gaotai 66.46 317 P	P	P	01 43 01.9 +0.1				
GTA	comp=Z,130nm,1.1s	pP	pP	01 43 12.8 -1.4				
GTA	comp=Z,640nm,7.3s	sP	sP	01 43 18.8 -0.4				
GTA	comp=Z,2.0m,20.4s	S	S	01 51 49.0 +0.1				
GTA	comp=Z,2.0m,21.1s	sS	sS	01 52 06.0 +2.0				
GTA	comp=Z,3.0m,20.0s	pmax	pmax					
BRDH	Bariadhala 66.50 297 P	P	P	01 43 02.8 +0.6				
BRDH	comp=Z,60nm,0.3s,baz=85,slow=11,SNR=11	LR	LR	02 12 45.4				
ULN	Ulaanbaatar 66.73 328 P	P	P	01 43 03.0 -0.3				
ULN	comp=Z,58nm,1.1s	I Amb	I Amb	01 43 07.0				
ULN	Ulaanbaatar 66.73 328 eP	P	P	01 43 02.6 -0.8				
ULN	comp=Z,58nm,1.1s	pmax	pmax					
ULN	Ulaanbaatar 66.73 328 P	P	P	01 43 03.5 +0.1				
SOMN	Songino Array 67.06 328 P	P	P	01 43 05.3 -0.2				
SOMN	comp=Z,30nm,0.8s,baz=148,slow=6.0,SNR=63	LR	LR	02 11 02.5				
SOMN	comp=Z,2.0m,22.0s,baz=129,slow=35	LR	LR	02 11 36.0				
SOMN	comp=Z,0.4nm,0.4s,baz=273,slow=2.5,SNR=3.8	PKP2ab	PKP2ab					
SOMN	Songino Array 67.06 328 P	I Amb	I Amb	01 43 05.0 -0.4				
SOMN	comp=Z,45nm,1.0s	P	P	01 43 09.6				
UNV	Unalaska Valle 67.68 24 P	P	P	01 43 10.2 +1.2				
CASY	Casey 67.85 197 I AMs_20	I AMs_20	I AMs_20	02 09 03.4				
SEY	Seymchan 67.95 359 LR	LR	LR	02 08 37.7				
SEY	comp=Z,704nm,21.7s,baz=170,slow=32	eP	eP	01 43 10.7 +0.1				
SEY	Seymchan 67.95 359 eP	pmax	pmax					
GOMU	GeErMu 68.58 312 P	P	P	01 43 15.9 +0.3				
GOMU	comp=Z,13nm,0.9s	PcP	PcP	01 43 42.0 +1.6				
GOMU	comp=Z,13nm,1.2s	pmax	pmax					
GOMU	comp=Z,830nm,7.4s	pmax	pmax					
GOMU	comp=Z,1.0m,20.9s	LR	LR					
GOMU	comp=Z,2.0m,22.9s	LR	LR					
GOMU	comp=Z,3.0m,23.1s	LR	LR					
LSA	Lhasa 69.08 304 P	I Amb	I Amb	01 43 19.8 +0.9				
LSA	comp=Z,23nm,0.7s	I Amb	I Amb	01 43 45.9				
LSA	Lhasa 69.08 304 P	P	P	01 43 20.0 +1.1				
LSA	comp=Z,23nm,0.7s	P	P	01 43 19.8 +0.9				
LSA	Lhasa 69.08 304 P	P	P	01 43 22.5 +3.6				
YAK	Yakutsk 69.52 348 P	P	P	01 43 20.1 -0.2				
YAK	comp=Z,11nm,0.5s,baz=178,slow=2.0,SNR=2.4	LR	LR	02 12 20.6				
YAK	comp=Z,761nm,21.9s,baz=145,slow=35	P	P	01 43 19.5 -0.8				
YAK	Yakutsk 69.52 348 P	I Amb	I Amb	01 43 57.8				
YAK	comp=Z,69nm,1.2s	P	P	01 43 19.9 -0.4				
YAK	Yakutsk 69.52 348 eP	ePP	ePP	01 43 30.9 -2.1				
YAK	comp=Z,37nm,1.1s	eS	S	01 52 24.8 +0.6				
YAK	comp=N,7.0nm,0.9s	eS	S	01 53 18.1				
YAK	comp=E,4.0nm,1.1s	eSS	SS	01 56 48.1 -4.7				
YAK	comp=Z,117nm,2.8s	pmax	pmax					
YAK	comp=N,50nm,2.0s	pmax	pmax					
YAK	comp=E,65nm,3.0s	smax	smax					
YAK	comp=Z,112nm,3.5s	smax	smax					
ZAK	Zakamensk 70.22 328 eP	P	P	01 43 24.6 -0.5				
ZAK	comp=Z,75nm,1.2s	pmax	pmax					
BOD	Bodaibo 70.44 339 eP	P	P	01 43 25.0 -1.0				
BOD	comp=Z,43nm,1.8s	pmax	pmax					
S12K	Black Hills 70.82 25 P	P	P	01 43 29.3 +0.8				
IRK	Irkutsk 70.83 330 eP	P	P	01 43 28.8 +0.2				
IRK	comp=Z,69nm,1.2s	pmax	pmax					
RKT	Rikitea 70.95 113 eP	P	P	01 43 30.8 +0.9				
RKT	comp=Z,145nm,28.5s	P	P	01 57 17.7 +1.5				
RKT	comp=Z,205nm,32.2s	eS	SS	01 02 06.4				
BOK	Bokaro 71.90 297 eP	P	P	01 43 36.6 +1.0				
BOK	comp=Z,1005nm,24.8s	I Amb	I Amb	01 43 40.4				
CCD	Concordia, Ant 71.96 188 P	P	P	01 43 36.3 +0.7				
CCD	comp=Z,20nm,0.8s	sP	sP	01 43 51.5 -1.8				
MOY	Mondy 72.14 329 eP	P	P	01 43 37.2 +0.5				
MOY	comp=Z,64nm,							

RC01	comp=Z,44nm,1.1s	IAMs_20	IAMs_20	02 15 10.8					
RC01	comp=Z,3um,20.0s Rabbit Creek A baz=237,SNR=6.0	79.23	24	P	P	01 44 15.8	-1.1		
PPLA	comp=Z,3um,22.0s Purkeypile baz=235	79.27	22	P	P	01 44 16.1	-1.1		
J20K	comp=Z,3um,22.0s Nowinta River baz=233	79.30	21	IAMs_20	IAMs_20	02 16 37.4			
J20K	comp=Z,3um,22.0s Nowinta River baz=233	79.30	21	P	P	01 44 16.7	-0.4		
AKL	comp=Z,76nm,1.3s Akola	79.31	292	eP	IAMB	01 44 18.2	+0.1		
AKL	comp=Z,76nm,1.3s Akola	79.31	292	eP	IAMB	01 44 17.1	-1.4		
BHPL	comp=Z,26nm,0.9s Bhopal	79.37	295	eP	IAMB	01 44 17.1	-1.4		
M22K	comp=Z,3um,22.0s Willow	79.44	24	IAMs_20	IAMs_20	02 15 35.1			
M22K	comp=Z,3um,22.0s Willow baz=237	79.44	24	P	P	01 44 16.6	-1.2		
CAST	comp=Z,3um,22.0s Castle Rocks	79.60	22	IAMs_20	IAMs_20	02 14 09.4			
CAST	comp=Z,3um,22.0s Castle Rocks baz=235,SNR=12	79.60	22	P	P	01 44 17.5	-1.3		
ZSN	comp=Z,3um,22.0s Zaisan	79.66	320	eP	P	01 44 19.1	-0.4		
ZSN	comp=Z,3um,22.0s Zaisan baz=320	79.66	320	eP	P	01 44 19.0	-0.4		
PWL	comp=Z,64nm,0.9s Port Wells	79.70	25	IAMB	IAMB	01 45 02.5			
PWL	comp=Z,64nm,0.9s Port Wells baz=239	79.70	25	P	P	01 44 18.7	-0.7		
CUT	comp=Z,3um,20.0s Chulitna	79.73	23	IAMs_20	IAMs_20	02 15 56.9			
CUT	comp=Z,3um,20.0s Chulitna baz=237	79.73	23	P	P	01 44 18.4	-1.1		
PMR	comp=Z,42nm,1.1s Palmer	79.75	24	IAMB	IAMB	01 44 51.7			
PMR	comp=Z,42nm,1.1s Palmer baz=238	79.75	24	P	P	01 44 18.7	-0.9		
CHUM	comp=Z,25nm,1.8s Lake Minchumin baz=235,SNR=18	79.78	21	P	P	01 44 19.0	-0.8		
GHO	comp=Z,3um,22.0s Glory Hole Cre	79.93	24	IAMs_20	IAMs_20	02 14 48.1			
KNH	comp=Z,3um,21.0s Knik Glacier	79.93	24	P	P	01 44 20.0	-0.6		
KTH	comp=Z,3um,21.0s Kantishna Hill	80.11	22	IAMs_20	IAMs_20	02 15 54.8			
DDI	comp=Z,3um,21.0s Dehra Dun	80.18	302	eP	P	01 44 23.3	+0.5		
SML	comp=Z,54nm,1.0s Sawmill	80.19	24	IAMB	IAMB	01 44 21.2	-0.8		
SML	comp=Z,54nm,1.0s Sawmill	80.19	24	IAMB	IAMB	01 44 45.8			
SML	comp=Z,4um,20.0s Sawmill	80.19	24	P	P	01 44 21.4	-0.7		
TRF	comp=Z,4um,20.0s Thorofare Moun	80.29	22	IAMs_20	IAMs_20	02 16 19.6			
TRF	comp=Z,4um,20.0s Thorofare Moun baz=237	80.29	22	P	P	01 44 22.0	-0.8		
BPAW	comp=Z,236 Bear Paw Mtn.	80.39	22	P	P	01 44 22.1	-0.9		
M23K	comp=Z,240 Glacier View	80.43	24	P	P	01 44 22.6	-0.7		
NDI	comp=Z,4um,20.0s New Delhi	80.57	300	eP	P	01 44 23.9	-1.0		
NDI	comp=Z,4um,20.0s New Delhi	80.57	300	eP	P	01 44 42.1	+4.1		
SCM	comp=Z,52nm,1.1s Sheep Creek Mo	80.61	24	IAMB	IAMB	01 44 24.0	-0.4		
SCM	comp=Z,52nm,1.1s Sheep Creek Mo baz=240	80.61	24	P	P	01 44 24.0	-0.4		
WAT1	comp=Z,239 Susitna Watana	80.63	23	P	P	01 44 23.4	-1.0		
H21K	comp=Z,239 Melozitna Rive	80.64	20	IAMs_20	IAMs_20	02 25 23.8			
H21K	comp=Z,239 Melozitna Rive baz=234,SNR=9.7	80.64	20	P	P	01 44 24.0	-0.4		
I21K	comp=Z,46nm,1.1s Tanana	80.64	20	IAMB	IAMB	01 45 15.0			
I21K	comp=Z,46nm,1.1s Tanana	80.64	20	IAMB	IAMB	02 18 17.0			
I21K	comp=Z,3um,20.0s Tanana	80.64	20	P	P	01 44 24.5	+0.2		
RND	comp=Z,3um,20.0s Reindeer	80.81	23	IAMs_20	IAMs_20	02 17 55.4			
WAT6	comp=Z,3um,20.0s Susitna Watana	80.82	24	P	P	01 44 24.8	-0.8		
G21K	comp=Z,234 Alakaket	80.92	19	P	P	01 44 25.4	-0.5		
KAIM	comp=Z,4um,20.0s Kayak Island	80.95	27	IAMs_20	IAMs_20	02 17 52.2			
MCK	comp=Z,59nm,1.1s McKinley	80.95	22	IAMB	IAMB	01 45 04.8			
MCK	comp=Z,59nm,1.1s McKinley	80.95	22	IAMB	IAMB	02 17 09.1			
MCK	comp=Z,4um,20.0s McKinley	80.95	22	P	P	01 44 24.5	-1.6		
BWN	comp=Z,3um,21.0s Browne	80.99	22	IAMs_20	IAMs_20	02 16 22.7			
MLY	comp=Z,3um,22.0s Manley	81.00	21	IAMs_20	IAMs_20	02 15 17.2			
MLY	comp=Z,3um,22.0s Manley baz=236,SNR=15	81.00	21	P	P	01 44 25.3	-1.0		
KLU	comp=Z,48nm,1.0s Klutina	81.03	25	IAMB	IAMB	01 45 00.2			
KLU	comp=Z,48nm,1.0s Klutina	81.03	25	IAMB	IAMB	02 17 09.2			
KLU	comp=Z,4um,20.0s Klutina	81.03	25	P	P	01 44 27.0	+0.3		
SMLA	comp=Z,241 Simla	81.10	302	eP	P	01 44 25.8	-1.7		
MK31	comp=Z,3um,20.0s Makanchi Array	81.12	319	P	P	01 44 27.2	-0.2		
MK31	comp=Z,3um,20.0s Makanchi Array	81.12	319	P	P	01 44 30.9			
MK31	comp=Z,54nm,1.1s Makanchi Array	81.12	319	eP	P	01 44 26.7	-0.7		
MKAR	comp=Z,50nm,0.8s,baz=113,slow=6.5,SNR=82 Makanchi Array	81.12	319	P	P	01 44 26.8	-0.5		
MKAR	comp=Z,0.4nm,0.8s,baz=260,slow=8.2,SNR=17 Makanchi Array	81.12	319	P	P	02 03 03.5	-2.2		
MKAR	comp=Z,1um,19.6s,baz=111,slow=35 Makanchi Array	81.12	319	LR	LR	02 20 10.2			
DHY	comp=Z,50nm,0.8s Denali Highway	81.22	23	IAMs_20	IAMs_20	02 18 58.1			
DHY	comp=Z,2um,20.0s Denali Highway	81.22	23	P	P	01 44 27.5	-0.2		
M24K	comp=Z,42nm,0.8s Tolsona, Glenn	81.22	24	IAMB	IAMB	01 44 51.5			
M24K	comp=Z,42nm,0.8s Tolsona, Glenn	81.22	24	P	P	01 44 27.2	-0.4		
H22K	comp=Z,241 Ishlaltina Cre	81.26	20	P	P	01 44 27.6	-0.1		
MAK2	comp=Z,236 Makanchi	81.33	319	P	P	01 44 28.1	-0.3		
MAK2	comp=Z,236 Makanchi	81.33	319	P	P	01 44 28.1	-0.3		
MAK2	comp=Z,103nm,1.1s Makanchi	81.33	319	pmx	pmx				
MAK2	comp=Z,2um,19.0s Bremner River	81.34	26	P	P	01 44 29.0	+0.7		
BMRM	comp=Z,52nm,1.3s Bremner River	81.34	26	IAMB	IAMB	01 45 23.4			
BMRM	comp=Z,52nm,1.3s Bremner River baz=243	81.34	26	P	P	01 44 28.9	+0.6		
F21K	comp=Z,234 Alatina River	81.34	18	P	P	01 44 28.9	+0.8		
NEA2	comp=Z,108nm,1.8s Nenana	81.36	22	IAMB	IAMB	01 44 50.6			
NEA2	comp=Z,108nm,1.8s Nenana	81.36	22	P	P	01 44 26.1	-2.1		
I23K	comp=Z,62nm,1.9s Minto, Yukon-K	81.55	21	IAMB	IAMB	01 44 52.6			
I23K	comp=Z,62nm,1.9s Minto, Yukon-K	81.55	21	P	P	01 44 28.2	-0.9		
N25K	comp=Z,2um,18.0s Chitina, Valde	81.64	25	IAMs_20	IAMs_20	02 26 12.4			
N25K	comp=Z,2um,18.0s Chitina, Valde	81.64	25	P	P	01 44 29.1	-0.8		
WRH	comp=Z,78nm,1.7s Wood River Hill	81.66	22	IAMB	IAMB	01 44 52.0			
WRH	comp=Z,78nm,1.7s Wood River Hill	81.66	22	IAMB	IAMB	02 17 42.7			
HARP	comp=Z,3um,20.0s HARP	81.78	24	P	P	01 44 29.7	-0.8		
G22K	comp=Z,242 Bettles	81.80	19	P	P	01 44 30.0	-0.5		
H23K	comp=Z,60nm,1.4s Yukon River	81.85	20	IAMB	IAMB	01 45 21.7			
H23K	comp=Z,60nm,1.4s Yukon River	81.85	20	IAMB	IAMB	02 17 00.8			
H23K	comp=Z,3um,21.0s Yukon River	81.85	20	P	P	01 44 30.2	-0.6		

CCB	comp=Z,237,SNR=8.5 Clear Creek Bu	81.85	22	IAMs_20	IAMs_20	02 16 46.9			
MDM	comp=Z,3um,21.0s Murphy Dome	81.86	21	IAMB	IAMB	01 44 53.1			
ZAAO	comp=Z,5m,1.6s Zalesovo Array	81.90	326	P	P	01 44 30.6	-0.6		
ZAAO	comp=Z,87nm,1.6s Zalesovo Beam	81.90	326	P	P	01 44 33.5			
ZALV	comp=Z,16nm,0.5s,baz=113,slow=6.2,SNR=49 ZALV	81.90	26	IAMB	IAMB	01 44 30.1	-1.1		
ZALV	comp=Z,16nm,0.5s,baz=113,slow=6.2,SNR=49 ZALV	81.90	26	LR	LR	02 20 59.8			
GLB	comp=Z,1um,21.0s,baz=111,slow=36 Gilauna Butte	81.90	26	IAMB	IAMB	01 45 03.6			
GLB	comp=Z,29nm,0.8s Gilauna Butte	81.90	26	IAMB	IAMB	02 16 40.3			
POO	comp=Z,4um,20.0s Poona	81.92	289	eP	P	01 44 31.4	-0.8		
POO	comp=Z,4um,20.0s Poona	81.92	289	eP	P	01 44 23.0	-9.2		
TCOL	comp=Z,50nm,1.2s CIGO, UAF Yank	81.95	22	IAMB	IAMB	01 44 54.0			
TCOL	comp=Z,29nm,0.8s CIGO, UAF Yank	81.95	22	IAMB	IAMB	02 19 51.4			
TCOL	comp=Z,2um,20.0s CIGO, UAF Yank	81.95	22	P	P	01 44 30.1	-1.1		
COLA	comp=Z,30nm,0.8s College	81.95	22	P	P	01 44 29.8	-1.5		
COLA	comp=Z,30nm,0.8s College	81.95	22	P	P	01 44 54.0			
COLA	comp=Z,30nm,0.8s College	81.95	22	P	P	01 44 30.0	-1.3		
COLA	comp=Z,19nm,0.8s College	81.95	22	pmx	pmx	01 44 29.4	-1.9		
VRDI	comp=Z,29nm,0.9s Verde Repeater	81.96	26	IAMB	IAMB	01 45 05.7			
SHLS	comp=Z,24nm,1.1s,baz=315 Shalkode	82.04	315	eP	P	01 44 30.0	-2.5		
SHLS	comp=Z,24nm,1.1s,baz=315 Shalkode	82.04	315	eP	P	01 44 30.0	-2.5		
SHLS	comp=Z,24nm,1.1s,baz=315 Shalkode	82.04	315	pmx	pmx				
HDA	comp=Z,24nm,1.1s Harding Lake	82.05	22	P	P	01 44 31.3	-0.5		
G23K	comp=Z,45m,1.0s Bananza Creek	82.17	20	P	P	01 44 32.1	-0.4		
MESA	comp=Z,45m,1.0s Bananza Creek	82.17	27	IAMs_20	IAMs_20	02 18 10.5			
ISLE	comp=Z,4um,21.0s Juniper Island	82.18	27	IAMs_20	IAMs_20	02 17 44.7			
K24K	comp=Z,4um,21.0s Donnelly Dome	82.20	23	P	P	01 44 31.8	-0.9		
MCARA	comp=Z,42nm,1.0s McCarthy VSAT	82.22	26	IAMB	IAMB	01 45 05.8			
MCARA	comp=Z,42nm,1.0s McCarthy VSAT	82.22	26	IAMB	IAMB	02 16 37.6			
MCARA	comp=Z,4um,21.0s McCarthy VSAT	82.22	26	P	P	01 44 32.2	-0.6		
POKR	comp=Z,239 Poker Plat Res	82.23	21	P	P	01 44 32.5	-0.3		
IL31	comp=Z,12nm,1.0s Shalkode	82.26	22	P	P	01 44 30.6	-2.2		
ILAR	comp=Z,12nm,1.0s,baz=243,slow=4.9,SNR=34 Eielson Array	82.26	22	P	P	01 44 30.6	-2.3		
ILAR	comp=Z,0.4nm,0.6s,baz=22,slow=0.8,SNR=7.1 Eielson Array	82.26	22	PKKpb	PKKpb	02 03 00.7	-3.1		
ILAR	comp=Z,3um,20.7s,baz=228,slow=33 Eielson Array	82.26	22	LR	LR	02 17 42.1			
UZB	comp=Z,12nm,1.0s Uzynbulak	82.35	315	eP	P	01 44 33.4	-0.8		
UZB	comp=Z,45m,1.3s,baz=315 Uzynbulak	82.35	315	eP	P	01 44 33.3	-0.8		
UZB	comp=Z,45m,1.3s,baz=315 Uzynbulak	82.35	315	pmx	pmx				
COLD	comp=Z,34nm,1.2s Coldfoot	82.40	19	IAMB	IAMB	01 45 24.4			
COLD	comp=Z,34nm,1.2s Coldfoot	82.40	19	P	P	01 44 33.9	+0.3		
AJM	comp=Z,34nm,0.9s Ajmer	82.42	297	eP	P	01 44 34.4	-0.3		
AJM	comp=Z,34nm,0.9s Ajmer	82.42	297	eP	P	01 44 38.2			
H24K	comp=Z,239 Noodor Dome	82.44	21	P					

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations like Eureka, Urumqi, Resolute Bay, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like Paso Flores, Man 24 03:04:00.4, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like Hateruma jima, Chiawan, XiuLin Townshi, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SPSS, MORC, VYHNS, LSZ, MAUC, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BMRD, DAVOX, DOU, TIP, GCUF, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KS21, KAN10, W35A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Vicksburg, Meyer Farm, Parkersburg, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LANU, KIF, HEF, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 24 04:10:03.5, NEIC 24 04:10:04.1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HEL 24 04:10:39.0, LVZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUJ 24 04:23:05.8, NEIC 24 04:23:07.2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PATS, GENI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR, STKA, STKA, etc.

24d 5h

s-min=56.3km az=134.0, Southwest 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.

IDC 24 04:32:31.2, 14.0, 12.21S:166.36E, h156km, 151km, mb3.4/4, mbtmp3.8/5, ML3.3/1, Error ellipse: s-maj=114.8km s-min=30.6km az=157.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eileison Array, MKAR Makanchi Array.

IDC 24 04:49:37.5, 1.0, 29.00S:71.46W, h0km, mb3.8/2, mbtmp3.6/6, ML3.6/4, Error ellipse: s-maj=41.1km s-min=21.9km az=137.0

NEIC 24 04:49:41.4, 2.4, 28.77S:01.7159W, 0.07, h40km, 20km, mb3.9/4, ML4.1(GUC), Error ellipse: s-maj=9.7km s-min=1.2km az=98.0

GUC 24 04:49:41.9, 0.7, 28.86S:71.37W, h59km, 4km, ML4.1, ISC 24 04:49:40.2, 1.2, 28.81S:0.02-71.52W, 0.06, h15km, 6km, 17.2, -1.89/82, 6C-20, Near coast of central Chile

Main table for the first column containing station data for the first section, including AC04 Llanos de Chal, LCO Las Campanas, AC05 El Transito, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H03N2 Juan Fernandez, H03N3 Juan Fernandez, VA04 Juan Fernandez, etc.

OSPL 24 04:50:37.9, 1.7, 19.37N:73.37W, h14km, 14km, ML1.8, SSNC 24 04:50:37.4, 1.6, 19.41N:73.17W, h20km, 23km, MD3.0, ML1.7, MW2.9

ISC 24 04:50:35.5, 1.4, 19.39N:0.09x73.36W, 0.08, h9km, 12km, n9, 1804/17, Haiti region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LGNH Logne, MASC Masc, MASC Masc, etc.

IDC 24 05:11:47.0, 3.1, 1.82N:96.44E, h0km, mb3.7/5, mbtmp3.7/6, Error ellipse: s-maj=118.8km s-min=22.9km az=60.0

ISC 24 05:11:51.1, 2.7, 1.8N:0.3:96.5E:0.6, h28km, n9, 083/16, 6C-27.5, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 24 05:17:45.5, 1.9, 21.22N:109.01W, h0km, mb3.4/3, mbtmp3.6/7, ML3.4/4, MS3.9/12, Error ellipse: s-maj=37.9km s-min=26.2km az=102.0

NEIC 24 05:17:46.6, 2.4, 21.34N:0.03:109.03W, 0.09, h10km, 2km, mb4.1/12, Error ellipse: s-maj=13.9km s-min=4.2km az=94.0

ISC 24 05:17:45.8, 1.0, 21.27N:109.04W, 0.09, h10km, n42, 1548/31, mb3.7/4, MS3.9/10, Revilla Gigedo Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SLBS Sierra La Lagu, H06E1 Socorro T-Phas, LPIG La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TLIG Tiapa, ANMO Albuquerque, ANMO Albuquerque, CMIG Matias Romero, V12A Nelson, U15A North Rim, etc.

IDC 24 05:24:0.2, 3.0, 61.38N:149.18W, h15km, 23km, mb3.5/5, mbtmp3.6/8, ML3.4/3, MS3.8/2, Error ellipse: s-maj=28.1km s-min=15.0km az=128.0

NEIC 24 05:24:0.7, 1.4, 61.03N:0.02:148.39W, 0.03, h20km, 7km, h13km, 6km, Error ellipse: s-maj=3.5km s-min=2.2km az=187.0

AEIC 24 05:24:11.1, 1.5, 61.05N:0.03:148.38W, 0.06, h13km, 6km, ML3.5, ML3.7/154(NEIC), Error ellipse: s-maj=5.0km s-min=2.8km az=137.0

ISC 24 05:24:39.8, 0.9, 61.04N:0.02:148.41W, 0.03, h17km, 3km, n180, 089/183, mb3.5/5, Southern Alaska

Main table for the second column containing station data for the second section, including PWL Port Wells, PWL Port Wells, KNK Knik Glacier, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Cordova Ski Ar, Tolsona, Mount Spurr, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Edge Creek, Harding Lake, Wood River Hill, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FINES, MKAR, AKASO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like URJZ, SNGZ, TKGZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like QRZ, TMWZ, INZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like MTW, PLWZ, PRWZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station ID: IDC 24 06:04:59.7.2.2.5.66S:153.44E, hOkm, mb3.6/3.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station ID: IDC 24 06:43:21.5.1.6.6.47S:153.72E, hOkm, mb3.6/4.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station ID: IDC 24 07:04:32.6.1.0.38.81N:0.07:142.22E, o1, h39km,6km.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station ID: IDC 24 06:12:05.8.4.0.5.23S:153.57E, hOkm, mb3.4/3.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station ID: IDC 24 06:48:47.0.3.4.10.15N:126.57E, hOkm, mb3.8/3.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station ID: IDC 24 07:04:32.6.1.0.38.81N:0.07:142.22E, o1, h39km,6km.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station ID: NOU 24 06:27:58.1.42.46S:174.03E, h4km, MLV4.1/12, Off E.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station ID: WEL 24 06:28:00.4.0.4.2.37S:17.4E, h6km,4km, M3.6/9.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station ID: IDC 24 07:14:00.4.1.0.24.4N:0.07:123.58E, o0.06, h9km,13km.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station ID: WEL 24 06:51:10.6.0.7.42.5S:17.8E, h33km, M3.2/4.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station ID: WEL 24 06:51:10.6.0.7.42.5S:17.8E, h33km, M3.2/4.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes station ID: IDC 24 07:14:00.4.1.0.24.4N:0.07:123.58E, o0.06, h9km,13km.

24d 9h

Table with columns: T1247, comp=E, 125um, 0.7s, AML, AML, ARRO, FIAM, EL6, EL6. Includes station names like Keravat, Port Moresby, Honiara, Warramunga Arr, Alice Springs, Kappang, Eielson Arr, Torodi Arr.

IDC 24 08:02:10.6:2.1, 5.69S, 152.71E, h0km, mb3.2/3, mbtmp3.3/4, ML1.6/1, MS3.3/2, Error ellipse: s-maj=129.3km s-min=25.6km az=132.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Keravat, Port Moresby, Honiara, Warramunga Arr, Alice Springs, Kappang, Eielson Arr, Torodi Arr.

CRAAG 24 08:15:43.5, 36.48N, 3.09E, M13.0, MDD 24 08:15:43.1, 0.9, 36.51N, 3.07E, h4km, 12km, Mb4.0/12, M, mb3.3/12, Error ellipse: s-maj=17.2km s-min=4.3km az=153.0

ISC 24 08:15:42.2:1.1, 36.49N, 0.05:3.08E, 0.06, h18km, n14, s142/24, 9C, Northern Algeria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Alger-Bouzeare, Boumerdes, Djebel Djouab, Djebel Ketaf, Ibizia, Mallorca, Cartagena, La Murta, Zarzadilla de, Tobarra, Chera, Mosqueruela, Torete, La Jonquera.

IDC 24 08:17:10.2:7.1, 5.54S, 154.46E, h140km, 47km, mb3.2/3, mbtmp3.7/4, Error ellipse: s-maj=74.6km s-min=29.9km az=97.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Keravat, Warramunga Arr, Alice Springs, Sonngo Array.

IDC 24 08:24:45.9:1.7, 83.60N, 113.91E, h0km, mb3.6/3, mbtmp3.7/4, ML3.7/1, MS3.6/1, Error ellipse: s-maj=56.4km s-min=30.4km az=131.0

ISC 24 08:25:02.6:4.7, 82.3N, 0.3:3.100E, 0.16, h10km, n6, s122/5, North of Severnaya Zemlya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Severnaya Zeml, Noril'sk, ARCES Array B, Makanchi Array, Bella Bella, Lajitas Array.

VAO 24 08:33:44.8:2.0, 9.71S, 77.18W, h10km, mb4.3, Central Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Cruzeiro do Su, Tabatinga, Extrema, Manacapuru-AM, Novo Progresso, Itaituba, Macapa, Azaras, Argent.

IDC 24 08:46:15.1:3.7, 6.31S, 154.02E, h0km, mb3.2/2, mbtmp3.3/2, Error ellipse: s-maj=166.9km s-min=51.6km az=126.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Keravat, Warramunga Arr, Alice Springs, Sonngo Array.

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Table with columns: WRA, ASAR, TORO, WRA, ASAR, TORO. Includes station names like Warramunga Arr, Alice Springs, Torodi Arr.

IDC 24 08:56:18.2:1.3, 5.89S, 153.98E, h0km, mb3.9/7, mbtmp3.9/8, ML3.2/1, MS3.3/2, Error ellipse: s-maj=41.0km s-min=24.9km az=90.0

ISC 24 08:56:25.3:1.3, 5.95S, 0.1:153.9E, 0.1, h48km, n19, s059/13, mb4.0/7, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Keravat, Honiara, Port Moresby, Warramunga Arr, Alice Springs, WAKE ISLAND Hy, Sonngo Array, Makanchi Array, ZALV, Kurbb, BVAR, Torodi Arr.

IDC 24 08:59:46.4:2.5, 0.06N, 98.76E, h0km, mb3.7/6, mbtmp3.7/7, ML4.0/1, Error ellipse: s-maj=85.4km s-min=20.5km az=11.0

DJA 24 08:59:52.3:0.4, 0.1N, 3.99E, h34km, 9km, M4, 1/13, mb4.1/1, MLV4.0/13

ISC 24 08:59:52.5:0.8, 0.13N, 0.06:98.50E, 0.07, h48km, n19, s115/17, mb3.8/6, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Pulau Batu, Mandailing Nat, Sibolga, Gunungsitoli, PDSI, SSSI, SNSI, PPSI, KCSI, CMAR, H08S2, H08S3, H08S1, WRA, ASAR, KRSR, SONM, MKAR, ZALV.

ISC-EH 24 09:18:14.5, 20.41N, 144.77E, h35km, Error ellipse: s-maj=9.2km s-min=5.9km az=114.0

NEIC 24 09:18:16.8, 1.4, 20.36N, 0.08:144.8E, 0.2, h57km, 10km, mb4.4/33, Error ellipse: s-maj=22.3km s-min=10.7km az=82.0

IDC 24 09:18:21.7:10.0, 20.71N, 144.77E, h85km, 94km, mb3.7/12, mbtmp4.0/12, MS3.5/8, Error ellipse: s-maj=17.0km s-min=9.0 az=93.0

ISC 24 09:18:14.2:0.6, 20.34N, 0.07:144.8E, 0.1, h35km, n68, s116/51, mb4.3/29, MS3.5/7, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Guam, GUMO, GU, GJM, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, SSSL, KRSR, KSAR, DAV, SJU, USA0B, USRUK, MDJ, HEH, COEN, COEN, HIA, HIA.

IDC 24 09:18:14.2:0.6, 20.34N, 0.07:144.8E, 0.1, h35km, n68, s116/51, mb4.3/29, MS3.5/7, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Guam, GUMO, GU, GJM, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, SSSL, KRSR, KSAR, DAV, SJU, USA0B, USRUK, MDJ, HEH, COEN, COEN, HIA, HIA.

1790

Table with columns: KAPI, KAPI, KAPI, BATI, SHEM, CTAO, CTAO, WBO, WBO, WRO, WRO, WRAB, WRAB, WB2, WB2, WRA, WRA, SONM, CMAR, CMAR, ZALV, ZALV, KDAK, KDAK, M20K, M20K, J20K, J20K, NRIK, NRIK, SKT, SKT, CAST, CAST, H21K, H21K, KTH, KTH, TRF, TRF, A21K, A21K, GHO, GHO, PWL, PWL, I23K, I23K, SCM, SCM, DHY, DHY, H24K, H24K, KLU, KLU, ILAR, ILAR.

IDC 24 09:20:08.0:0.3, 6.20S, 0.06:153.96E, 0.09, h10km, 1km, mb4.3/11, Error ellipse: s-maj=14.9km s-min=9.1km az=74.0

IDC 24 09:20:11.2:6.2, 6.11S, 153.96E, h38km, 47km, mb3.7/7, mbtmp4.0/9, ML3.0/2, MS3.8/2, Error ellipse: s-maj=53.4km s-min=21.2km az=100.0

ISC 24 09:20:11.6:0.7, 6.15S, 0.08:153.99E, 0.08, h48km, n27, s114/26, mb4.0/13, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Rabul, Keravat, Honiara, Port Moresby, Warramunga Arr, Alice Springs, Sonngo Array, Pinedale Array, Makanchi Array, ZALV, Kurbb, BVAR, Torodi Arr.

IDC 24 09:20:08.0:0.3, 6.20S, 0.06:153.96E, 0.09, h10km, 1km, mb4.3/11, Error ellipse: s-maj=14.9km s-min=9.1km az=74.0

IDC 24 09:20:11.2:6.2, 6.11S, 153.96E, h38km, 47km, mb3.7/7, mbtmp4.0/9, ML3.0/2, MS3.8/2, Error ellipse: s-maj=53.4km s-min=21.2km az=100.0

ISC 24 09:20:11.6:0.7, 6.15S, 0.08:153.99E, 0.08, h48km, n27, s114/26, mb4.0/13, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Rabul, Keravat, Honiara, Port Moresby, Warramunga Arr, Alice Springs, Sonngo Array, Pinedale Array, Makanchi Array, ZALV, Kurbb, BVAR, Torodi Arr.

IDC 24 09:20:08.0:0.3, 6.20S, 0.06:153.96E, 0.09, h10km, 1km, mb4.3/11, Error ellipse: s-maj=14.9km s-min=9.1km az=74.0

IDC 24 09:20:11.2:6.2, 6.11S, 153.96E, h38km, 47km, mb3.7/7, mbtmp4.0/9, ML3.0/2, MS3.8/2, Error ellipse: s-maj=53.4km s-min=21.2km az=100.0

ISC 24 09:20:11.6:0.7, 6.15S, 0.08:153.99E, 0.08, h48km, n27, s114/26, mb4.0/13, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Rabul, Keravat, Honiara, Port Moresby, Warramunga Arr, Alice Springs, Sonngo Array, Pinedale Array, Makanchi Array, ZALV, Kurbb, BVAR, Torodi Arr.

IDC 24 09:20:08.0:0.3, 6.20S, 0.06:153.96E, 0.09, h10km, 1km, mb4.3/11, Error ellipse: s-maj=14.9km s-min=9.1km az=74.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like Rabul, Keravat, Honiara, Port Moresby, Warramunga Arr, Alice Springs, Sonngo Array, Pinedale Array, Makanchi Array, ZALV, Kurbb, BVAR, Torodi Arr.

Table with columns: ILAR, Eielson Array, 82.96 22 P, 09 32 30.7 -0.5, etc.

JMA 24 09 21:10.8, 0.2, 36.72N, 0.5:14.2'E, h56km, 3km, MD4.3/38, MV4.4/38, E OFF FUKUSHIMA PREF...

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Main table with columns: YAK, Yakutsk, 26.45 347 P, 09 26 44.8 -0.3, etc.

Main table with columns: ARU, Arti, 56.82 319d/P, 09 30 51.6 -0.7, etc.

MOS 24 09:24:55.0, 0.0, 41.189N, 46.68E, h18km, MPVA3.4, DRS 24 09:24:56.3, 0.0, 41.182N, 46.56E, h16km...

24d 10h

Table with columns: Station Name, Frequency, Power, Polarization, Azimuth, Elevation, SNR, and other technical details for various stations.

2016 DEC

Table with columns: Station Name, Frequency, Power, Polarization, Azimuth, Elevation, SNR, and other technical details for various stations.

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Table with columns: Station Name, Frequency, Power, Polarization, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KLR, HNS, HEH, HNR, PETK, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MK31, MKAR, MKAR, MKAR, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like FFC, FFC, HWUT, NLU, etc.

DJA 24 10:24:18.40:3.3'S:5.13'0E, h10km, M3.7/10, MLV3.7/10, IDC 24 10:24:10.14:8.2'93S:130.514E, h40km, 54km, mb3.7/3, mbtm3.9/6, ML3.0/1, MS3.5/1, Error ellipse: s-maj=65.3km s-min=22.7km az=85.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like MSAI, Masohi, BNDI, etc.

NOU 24 10:25:10.3:36:80S:177:82E, h290km, MLV4.1/10, Off E. Coast of N. Island, NZ. WEL 24 10:25:21.7:0.4:37.6'6'17.7E, h200km, M3.0/27, ML3.2/27, MLV3.0/27, Error ellipse: s-maj=0.0km s-min=0.0km az=37.9, confirmed

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like HAZ, Te Kaha, HAZ, etc.

24d 11h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RATZ, RITZ, BKZ, etc.

NOU 24 10:29:39.7,20:93S:168.66E,h5km,MLV4.0/10,Loyalty Islands

IDC 24 10:29:41.8,3.9,20:56S:168.11E,h0km,mb3.8/3, mbmp3.8/4,ML3.8/11, Error ellipse: s-maj=108.5km s-min=29.4km

ISC 24 10:29:41.1,4.1,20:97S:0.10:168.6E:0.1,h10km,n13, c1504/15,mb4.0/3,Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MARE, LIFON, WATNC, etc.

ISK 24 10:33:40.6,30.57N:31.90E,h3km,ML4.1/10 HLW 24 10:33:41.7,30.32N:31.93E,h4km,2km,MO3.1,MI3.4

GII 24 10:33:42.9,0.0,30.39N:31.72E,h27km,MD3.4/7, Mm3.4/4

ISC 24 10:33:40.3,1.5,30.38N:0.05:31.94E:0.04,h3km,n14km, n55,c0597/11,2D,Egypt

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HHAG, KOT, HLW, GLL, etc.

2016 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZAF, ZNM, HNAT, NBNS, etc.

RSNC 24 10:53:13.2,1.4,7.13N:72.18W,h1km,7km,ML3.3,Mw3.8 IDC 24 10:53:17.3,1.8,7.00N:72.10W,h60km,19km,mb3.4/7, mbmp3.7/10, Error ellipse: s-maj=19.7km s-min=12.5km az=107.0

ISC 24 10:53:11.4,1.3,7.11N:0.02:72.14W:0.03,h5km,8km,n40, c108/70,mb0.37/7,2C,7D,Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PAMC, TAME, BARC, RUSC, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like APAC, SMRC, URIC, etc.

IDC 24 10:58:31.0,2.1,1.41N:126.04E,h0km,mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=172.7km s-min=27.5km az=65.0,Northern Molucca Sea

ROM 24 11:18:45.4,0.1,43.619N:0.007*11.04E:0.01,h11km, ML0.9/1,4C-3D, Error ellipse: s-maj=1.2km s-min=0.6km az=65.0,Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, CRMI, etc.

ROM 24 11:19:36.7±0.1,43.020N±0.004,13.104E±0.0005, h8km,ML1.3/3,2C,Error ellipse: s-maj=0.5km s-min=0.3km az=188.0, Central Italy

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like FDMO Fioridimonte, T1219 Muccia, Bolognola (MC), Cessapalombo, MC2 Monte Cornacci, CESI Serrava, etc.

ICD 24 11:20:32.1±2.7,20.10S×11.81W,h0km,mb4.2/8, mbmp4.2/8,MS3.6/11,Error ellipse: s-maj=10.6km s-min=23.4km az=144.0

NEIC 24 11:20:34.1±2.2,20.2S±0.2,11.6W±0.2,h10km,1km, mb4.7/19,Error ellipse: s-maj=36.9km s-min=20.2km az=126.0

ISC 24 11:20:33.8±0.9,20.1S±0.2,11.3W±0.2,h10km,n59, o060/46,mb4.6/29,MS3.5/12,Southern Mid-Atlantic Ridge

Main table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes events like H10S2 ASCENSION HYDRI, H10S3 ASCENSION HYDRI, RCBR Rialcho, etc.

Table of seismic events including KHC Kasperske Hory, BR131 Keskin Array S, BR131 Keskin Array S, BRTR Keskin Array S, etc.

ICD 24 11:24:54.0±1.7,21.15N×143.73E,h0km,mb3.7/5, mbmt3.7/5,Error ellipse: s-maj=174.2km s-min=21.7km az=111.0,Mariana Islands region

Table of seismic events including H11N1 WAKE ISLAND HY, H11N2 WAKE ISLAND HY, H11S3 WAKE ISLAND HY, etc.

ISC-EH 24 11:30:09.7,20.722N,144.74E,h15km,Error ellipse: s-maj=2.5km s-min=2.0km az=138.0

JMA 24 11:30:09.0,4.21N±1.2,144.5E±1.5,h38km,MARIANA ISLANDS REGION

BUI 24 11:30:10.0±0.0,20.88N,144.95E,h40km,mb4.9/65, mb5.3/39,Ms4.7/38,Ms4.5/38

MOS 24 11:30:10.6±0.9,20.722N,144.45E,h34km,mb5.6/2,Error ellipse: s-maj=10.3km s-min=4.8km az=109.8

NEIC 24 11:30:12.0±1.9,20.74N±0.05,144.76E±0.1,h23km,3km, mb5.4/152,Error ellipse: s-maj=13.4km s-min=7.0km az=98.0

ICD 24 11:30:13.5±2.2,20.75N,144.59E,h46km±21km,mb4.7/27, mbmp4.9/30,ML4.3/3,MS4.3/64,Error ellipse: s-maj=16.7km s-min=10.3km az=83.0

GCMT 24 11:30:13.0±0.2,20.66N±0.1,144.79E±0.02,h12km, MW5.1/109,Moment Tensor Solution. s41,c54; s109,c177; Duration: 0 Moment Tensor: Scale 1016Nm; Mw=4.02±.11; Ms=2.96±.09; Mw=1.16±.11; Ms=3.94±.28; Mw=3.16±.07; Ms=1.51±.32; Best double couple: M=6.314000×1016 Np1±i,114.00000°,δ67.00000°, λ=103.00000°. NP2±i,325.00000°,δ26.00000°, λ=62.00000°. Principal axes: T 6.8180,Plg21.0000°, Azm214.0000°; N -1.0070,Plg12.0000°, Azm120.0000°; P -5.8110,Plg66.0000°, Azm2.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 24 11:30:13.1±0.6,20.76N±0.04,144.80E±0.05,h40km±4km, n831,ε1935/808,mb5.2/178,MS4.4/84,16C-10D,Mariana Islands

Main table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like JHH2 Haha-jima-NKT2, CBIJ Chichi jima, etc.

Table of seismic events including MAJO Matushuro, MAJO Matushuro, MB9 Matsu-Tunnel, etc.

ICD 24 11:30:13.1±0.6,20.76N±0.04,144.80E±0.05,h40km±4km, n831,ε1935/808,mb5.2/178,MS4.4/84,16C-10D,Mariana Islands

Main table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ERM Erimo, JEM Erimo, NACB Ninganchiao, etc.

TTA	Tatalina	57.82	28	P	P	11 40 01.2 +0.9
TTA	Tatalina	57.82	28	P	P	11 40 01.5 +1.2
TTA	Tatalina	57.82	28	P	P	11 40 01.2 +0.9
N19K	Bonanza Creek	57.90	30	P	IAmb	11 40 01.4 +0.9
N19K	Bonanza Creek	57.90	30	P	P	11 40 02.0 +1.1
GCSA	Galena City Sc	58.06	25	P	P	11 40 02.9 +1.1
L19K	White Mountain	58.11	29	P	P	11 40 02.6 +0.3
KDAK	Kodiak Island	58.12	34	LR	LR	12 01 48.8
KDAK	Kodiak Island	58.12	34	P	P	11 40 03.2 +0.9
KLBR	Kellerberrin	58.15	207	P	P	11 40 02.3 -0.6
P19K	Oil Pt	58.21	32	P	P	11 40 03.3 +0.3
M19K	Big River Lodg	58.24	29	P	P	11 40 03.6 +0.4
SHLS	Shalkode	58.27	309	eP	P	11 40 00.4 -3.5
SHLS	Shalkode	58.27	309	eP	P	11 40 00.3 -3.5
Q20K	Shuyak Island	58.40	33	P	P	11 40 04.8 +0.5
UZB	Uzymbulak	58.59	309	eP	P	11 40 04.9 -1.2
UZB	Uzymbulak	58.59	309	eP	P	11 40 04.9 -1.2
O20K	Slope Mountain	58.61	31	P	P	11 40 06.2 +0.3
L20K	Farwell, AK	58.63	29	P	P	11 40 06.6 +0.8
K20K	Telida	58.79	27	P	P	11 40 08.7 +1.7
K20K	Telida	58.79	27	P	P	11 40 09.9
K20K	Telida	58.79	27	P	P	11 40 08.4 +1.4
M20K	Styx River	58.81	29	P	P	11 40 08.1 +0.9
KPKS	Kokpek	58.84	309	eP	P	11 40 06.8 -1.1
KPKS	Kokpek	58.84	309	eP	P	11 40 06.7 -1.1
J20K	Nowinta River	59.00	27	P	P	11 40 10.2 +1.8
J20K	Nowinta River	59.00	27	P	P	11 40 10.0 +1.6
SATY	Saty	59.04	308	eP	P	11 40 08.1 -1.1
SATY	Saty	59.04	308	eP	P	11 40 08.1 -1.1
N20K	Mount Spurr	59.07	30	P	P	11 40 09.2 +0.2
SPCR	Spurr Chakacha	59.07	30	P	P	11 40 09.3 +0.3
CNPM	China Poot	59.17	32	P	IAmb	11 40 10.2 +0.5
CNPM	China Poot	59.17	32	P	IAmb	11 40 10.9
KURK	Kurchatov	59.18	317	P	P	11 40 08.9 -1.0
KURK	Kurchatov	59.18	317	P	IAmb	11 40 17.4
KURK	Kurchatov	59.18	317	P	P	11 40 09.1 -0.8
KURK	Kurchatov	59.18	317	P	P	11 40 09.1 -0.8
KURK	Kurchatov	59.18	317	P	P	11 40 08.6 -1.3
KURBB	Kurchatov 1.2s	59.23	317	P	P	11 40 08.7 -1.5
NR1K	Noril'sk	59.40	340	P	P	11 40 10.1 -0.9
NR1K	Noril'sk	59.40	340	P	LR	12 06 41.4
NR1K	Noril'sk	59.40	340	P	IAmb	11 40 10.2 -0.8
NR1K	Noril'sk	59.40	340	P	IAmb	11 40 11.3
NR1K	Noril'sk	59.40	340	eP	P	11 40 10.1 -0.9
NR1K	Noril'sk	59.40	340	eP	P	11 40 10.1 -0.9
BRSE	Bradley Lake S	59.46	32	P	P	11 40 11.7 0.0
CAPN	Captain Cook N	59.47	31	P	P	11 40 11.9 +0.2
PPLA	Purkeypile	59.49	28	P	IAmb	11 40 13.0 +1.0
PPLA	Purkeypile	59.49	28	P	IAmb	11 40 30.9
PPLA	Purkeypile	59.49	28	P	P	11 40 12.3 +0.3
TARG	Taragay, Kyrgy	59.51	307	P	IAmb	11 40 12.9 +0.4
TARG	Taragay, Kyrgy	59.51	307	P	IAmb	11 40 14.1
TARG	Taragay, Kyrgy	59.51	307	P	P	11 40 12.9 +0.1
NWAO	Narogin (SRO)	59.52	207	P	P	11 40 13.9 +1.5
NWAO	Narogin (SRO)	59.52	207	P	IAmb	11 40 16.5
NWAO	Narogin (SRO)	59.52	207	P	P	11 40 15.3 +2.9
NWAO	Narogin (SRO)	59.52	207	P	P	11 40 13.9 +1.5
SKT	Skwentna	59.56	29	P	P	11 40 12.6 +0.2
SKT	Skwentna	59.56	29	P	IAmb	11 40 13.7
SKT	Skwentna	59.56	29	P	P	11 40 13.0 +0.7
CAST	Castle Rocks	59.67	28	P	P	11 40 14.2 +1.1
CAST	Castle Rocks	59.67	28	P	P	11 40 14.3 +1.3
CHUM	Lake Minchumim	59.69	27	P	P	11 40 14.6 +1.4
IMAR	Indian Mountai	59.70	25	P	P	11 40 14.7 +1.5
SUA	Susitna One	59.81	30	P	IAmb	11 40 14.8 +0.6
SUA	Susitna One	59.81	30	P	IAmb	11 40 15.4
SUA	Susitna One	59.81	30	P	P	11 40 14.3 +0.1
G21K	Allakaket	59.96	24	P	P	11 40 16.4 +1.4
H21K	Melozitna Rive	59.98	25	P	P	11 40 16.4 +1.2
H21K	Melozitna Rive	59.98	25	P	P	11 40 16.7 +1.6
MDOK	Medeo	60.04	309	eP	P	11 40 15.1 -1.1
MDOK	Medeo	60.04	309	eP	P	11 40 15.0 -1.1
CHKK	Chushkaly	60.07	309	eP	P	11 40 15.1 -1.1
CHKK	Chushkaly	60.07	309	eP	P	11 40 15.0 -1.1
Q22K	Cooper Landing	60.10	31	P	P	11 40 16.1 +0.1
TNSS	Tian-Shan	60.11	308	eP	P	11 40 15.3 -1.6
TNSS	Tian-Shan	60.11	308	eP	P	11 40 15.3 -1.6
AAA	Alma-Ata	60.13	309	eP	P	11 40 15.9 -0.8
AAA	Alma-Ata	60.13	309	eP	P	11 40 15.9 -0.8
M22K	Willow	60.17	30	P	P	11 40 16.9 +0.5
M22K	Willow	60.17	30	P	P	11 40 16.6 +0.1
SEW	Seward	60.17	32	P	P	11 40 16.8 +0.3
SEW	Seward	60.17	32	P	P	11 40 16.4 0.0
I21K	Tanana	60.17	26	P	P	11 40 18.1 +1.6
I21K	Tanana	60.17	26	P	P	11 40 18.0 +1.6
F21K	Alatina River	60.19	23	P	P	11 40 17.4 +0.8
KTH	Kantishna Hill	60.21	28	P	P	11 40 17.9 +1.1
RC01	Rabbit Creek A	60.21	31	P	P	11 40 17.3 +0.5
RC01	Rabbit Creek A	60.21	31	P	IAmb	11 40 18.1
RC01	Rabbit Creek A	60.21	31	P	P	11 40 16.8 0.0
CUT	Chulitna	60.24	29	P	IAmb	11 40 17.3 +0.4
CUT	Chulitna	60.24	29	P	IAmb	11 40 43.8
CUT	Chulitna	60.24	29	P	P	11 40 16.8 -0.1
BPAW	Bear Paw Mtn.	60.31	27	P	P	11 40 18.6 +1.1
BPAW	Bear Paw Mtn.	60.31	27	P	P	11 40 18.6 +1.1
TRF	Thorofare Moun	60.46	28	P	P	11 40 19.1 +0.4

KUU	Kurty	60.54	309	eP	P	11 40 18.0 -1.4
KUU	Kurty	60.54	309	eP	P	11 40 17.9 -1.4
PMR	Palmer	60.60	30	P	P	11 40 19.6 +0.2
H22K	Ishlailina Cre	60.61	25	P	P	11 40 20.8 +1.4
A21K	Barrow	60.61	18	P	P	11 40 20.3 +1.0
A21K	Barrow	60.61	18	P	P	11 40 20.4 +1.0
MLY	Manley	60.64	26	P	P	11 40 20.8 +1.1
G22K	Gettle	60.84	24	P	P	11 40 22.0 +1.0
PWL	Port Wells	60.84	31	P	P	11 40 21.8 +0.6
KNK	Knik Glacier	60.88	30	P	P	11 40 21.9 +0.5
KSH	Kashi	61.00	304	P	P	11 40 25.3 +2.6
KSH	Kashi	61.00	304	P	pP	11 40 36.4 -0.5
KSH	Kashi	61.00	304	P	pP	11 40 36.4 -0.5
SML	Samwill	61.01	30	P	P	11 40 22.8 +0.5
WAT1	Susitna Watana	61.10	29	P	P	11 40 23.1 +0.2
TKM2	Tokmak 2	61.11	308	P	P	11 40 23.6 +0.1
TKM2	Tokmak 2	61.11	308	P	P	11 40 22.8 -0.7
MCK	McKinley	61.11	28	P	P	11 40 23.1 +0.2
P23K	Montage Islan	61.16	32	P	P	11 40 24.1 +0.9
NEA2	Nenana	61.24	27	P	P	11 40 24.8 +1.1
I23K	Minto, Yukon-K	61.24	26	P	P	11 40 24.3 +0.6
M23K	Glacier View	61.29	30	P	P	11 40 24.4 +0.2
H23K	Yukon River	61.32	25	P	IAmb	11 40 25.7 +1.4
H23K	Yukon River	61.32	25	P	IAmb	11 40 26.8
H23K	Yukon River	61.32	25	P	P	11 40 25.6 +1.4
G23K	Bananza Creek	61.35	24	P	P	11 40 26.0 +1.5
COLD	Coldfoot	61.41	24	P	P	11 40 26.4 +1.5
WAT6	Susitna Watana	61.42	29	P	P	11 40 25.5 +0.3
SCM	Sheep Creek Mo	61.48	30	P	P	11 40 26.3 +0.7
KBK	Karagaybulak	61.59	308	P	P	11 40 26.8 0.0
Q23K	Middleton Isla	61.62	33	P	P	11 40 26.6 +0.3
DHY	Denali Highway	61.67	29	P	P	11 40 27.2 +0.3
D3K	Nanushuk River	61.71	22	P	P	11 40 28.9 +2.0
CHMS	Chumysh	61.72	308	P	P	11 40 27.2 -0.2
SGDS	Sogindy	61.79	309	eP	P	11 40 26.8 -1.2
SGDS	Sogindy	61.79	309	eP	P	11 40 26.7 -1.2
TCOL	CIGO, UAF Yank	61.80	27	P	P	11 40 28.5 +1.1
TCOL	CIGO, UAF Yank	61.80	27	P	IAmb	11 40 30.8
TCOL	CIGO, UAF Yank	61.80	27	P	IAmb	11 40 28.1 +0.6
COLA	College	61.81	27	P	P	11 40 28.3 +0.8
COLA	College	61.81	27	P	P	11 40 28.5 +1.0
E23K	Chandler	61.84	23	P	P	11 40 29.7 +1.9
USP	Ospenovka	61.89	309	P	P	11 40 28.4 -0.3
AAK	Ala-Archa	61.93	308	P	P	11 40 28.8 -0.2
AAK	Ala-Archa	61.93	308	P	LR	12 09 14.8
AAK	Ala-Archa	61.93	308	LR	LR	11 40 28.8 -0.2
UCH	Uchtor	61.94	308	P	P	11 40 29.9 +0.5
C23K	Itkiliik River	61.98	21	P	P	11 40 30.1 +1.5
H24K	Noodor Dome	61.99	25	P	P	11 40 30.0 +1.2
POKR	Poker Plat Res	62.03	26	P	P	11 40 29.0 0.0
EYAK	Cowwa Ski Ar	62.06	32	P	P	11 40 30.1 +0.8
EYAK	Cordova Ski Ar	62.06	32	P	P	11 40 30.1 +0.8
M24K	Tolsona, Glenn	62.07	30	P	P	11 40 29.9 +0.4
KLU	Klutina	62.10	31	P	P	11 40 30.5 +0.8
HDA	Harding Lake	62.10	27	P	P	11 40 29.2 -0.4
BTLS	Baital	62.15	311	eP	P	11 40 29.2 -1.1
BTLS	Baital	62.15	311	eP	P	11 40 29.1 -1.1
BTLS	Baital	62.15	311	eP	P	11 40 29.3 -0.8
IL31	Eielson Array	62.19	27	P	IAmb	11 40 30.7
IL31	Eielson Array	62.19	27	P	IAmb	11 40 29.4 -0.7
ILAR	Eielson Array	62.19	27	P	LR	12 04 50.5
E24K	Your Creek	62.26	23	P	P	11 40 32.1 +1.4
HYBB	Hyderabad (bro	62.30	279	eP	eP	11 40 32.3 +0.6
HYBB	Hyderabad (bro	62.30	279	eP	eP	11 41 11.9 +0.6
HYBB	Hyderabad (bro	62.30	279	eP	eP	11 42 50.2 +1.1
HYBB	Hyderabad (bro	62.30	279	eP	eP	11 45 12.0 +1.8
HYBB	Hyderabad (bro	62.30	279	eP	eP	11 48 58.3 +2.7
G24K	Hadweenzic Riv	62.33	25	P	P	11 40 31.6 +0.6
F24K	Squaw Lake	62.35	24	P	P	11 40 32.8 +1.6
EKS2	Franklin Bluff	62.46	308	P	P	11 40 32.5 0.0
K24K	Donnelly Dome	62.50	28	P	P	11 40 33.0 +0.7
PAX	Paxson	62.52	29	P	P	11 40 33.2 +0.7
AML	Almayashu	62.55	308	P	P	11 40 33.7 +0.3
HARP	HAARP	62.58	30	P	P	11 40 33.8 +1.0
C24K	Franklin Bluff	62.59	21	P	P	11 40 34.1 +1.3
KAIM	Kayak Island	62.65	32	P	P	11 40 34.6 +1.4
BMRM	Bremner River	62.66	31	P	P	11 40 34.6 +1.2
J25K	Chitina, Valde	62.74	30	P	P	11 40 34.9 +0.9
N25K	Salcha River,	62.81	27	P	P	11 40 33.8 -0.6
PRP	Porcupine Dome	62.89	26	P	P	11 40 35.0 +0.1
RIDG	Independent Riv	62.90	28	P	P	11 40 35.1 +0.1
GLB	Gilahina Butte	63.10	31	P	IAmb	11 40 37.0 +0.6
GLB	Gilahina Butte	63.10	31	P	IAmb	11 40 38.5
F25K	Christian Rive	63.21	24	P	P	11 40 38.5 +1.5
PALK	Pallekele	63.26	268	LR	LR	12 07 30.4
D25K	Kavik River	63.29	22	P	P	11 40 38.9 +1.4
MENT	Mentasta	63.30	29	P	P	11 40 37.7 +0.1

24d 11h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like P32M Atlin, FARO Faro, YUKON, etc.

2016 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like UOSS Minazif, HATD Hatta, ARQ Araki, etc.

1800

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like IRM Iron Mountain, NEE2 Needles Airpor, SUMO Summit, etc.

24d 12h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like GARC, BAUV, FLOC, etc. with their respective coordinates and data.

2016 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like MKAR, KNRA, WRAB, etc. with their respective coordinates and data.

1802

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like MKAR, WRA, ASAR, etc. with their respective coordinates and data.

YKA Yellowknife Ar 76.49 28 P P 12 48 50.8 0.0
0.2nm,0.6s,baz=291,slow=6.0,SNR=4.1
0.2nm,0.6s

RSNC 24 12:37:17.1±1.5, 6:87N;73:15W, h156km, 6km, ML3.0
Mn3.7
IDC 24 12:37:21.9±2.5, 6:72N;74:87W, h172km, 30km, mb2.8/1,
mbmp3.3/1, Error ellipse: s-maj=83.8km s-min=38.1km
az=91.0
ISC 24 12:37:17.6±1.0, 6:86N;0:03:73:13W, 0:04, h151km, 6km,
n31,±164/58,6C-2D, Northern Colombia

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
BARC	Barichara	0.27	192	iP	Pn	Sn	12 37 38.2	-0.3
BARC				i	Pn	Sn	12 37 54.4	0.0
BARC				i	Pn	Sn	12 37 56.0	
BRRC	Barranca, Sant	0.63	293	iP	Pn	Sn	12 37 40.0	+0.2
BRRC				eS	Pn	Sn	12 37 55.5	-0.1
BRRC				i	Pn	Sn	12 38 01.2	
PAMC	Pampiona, Colo	0.64	42	iP	Pn	Sn	12 37 41.0	+0.6
PAMC				eS	Pn	Sn	12 37 58.2	+0.5
PAMC				i	Pn	Sn	12 38 00.4	
RUSC	La Rusia	0.96	177	eP	Pn	Sn	12 37 42.2	-0.5
RUSC				eS	Pn	Sn	12 38 00.0	-1.0
RUSC				i	Pn	Sn	12 38 02.1	
PTBC	PUERTO BERRIO,	1.36	257	eP	Pn	Sn	12 37 45.2	-0.6
PTBC				eS	Pn	Sn	12 38 05.9	-1.4
PTBC				i	Pn	Sn	12 38 09.0	
TAMC	Tame, Arauca	1.39	107	iP	Pn	Sn	12 37 46.6	+0.4
TAMC				eS	Pn	Sn	12 38 08.7	+0.7
TAMC				i	Pn	Sn	12 38 18.1	
ZARC	Zaragoza, Cau	1.83	290	eP	Pn	Sn	12 37 50.9	+0.1
ZARC				eS	Pn	Sn	12 38 16.2	-0.2
ZARC				i	Pn	Sn	12 38 21.9	
NORC	Norcasia	2.16	234	eP	Pn	Sn	12 37 54.3	-0.4
NORC				eS	Pn	Sn	12 38 22.7	-0.5
NORC				i	Pn	Sn	12 38 25.1	
CHIC	Chingaza	2.29	195	iP	Pn	Sn	12 37 56.4	-0.3
CHIC				eS	Pn	Sn	12 38 25.1	-1.6
CHIC				i	Pn	Sn	12 38 35.6	
ROSC	El Rosal	2.33	211	iP	Pn	Sn	12 37 58.1	+1.0
ROSC				eS	Pn	Sn	12 38 26.7	-0.8
ROSC				i	Pn	Sn	12 38 32.9	
ROSC	El Rosal	2.33	211	iP	Pn	Sn	12 37 57.9	+0.7
ROSC				eS	Pn	Sn	12 38 29.9	+2.4
ROSC				i	Pn	Sn	12 38 32.9	
UREC	San Jos de Ur	2.55	291	eP	Pn	Sn	12 37 58.8	-0.6
UREC				eS	Pn	Sn	12 38 29.4	-2.1
UREC				i	Pn	Sn	12 38 38.8	
LLIC	La Loma 1 Cana	2.70	351	eP	Pn	Sn	12 38 03.3	+2.1
LLIC				eS	Pn	Sn	12 38 38.6	+3.6
LLIC				i	Pn	Sn	12 38 42.2	
GUY2C	Guyana, Caidas	2.75	234	eP	Pn	Sn	12 38 35.2	-1.7
GUY2C				eS	Pn	Sn	12 38 44.2	
VILC	Villavicencio,	2.79	192	eP	Pn	Sn	12 38 01.8	-0.7
VILC				eS	Pn	Sn	12 38 41.2	-1.3
VILC				i	Pn	Sn	12 38 41.2	
PTGC	Puerto Gaitan,	2.82	159	iP	Pn	Sn	12 38 01.3	-1.5
PTGC				eS	Pn	Sn	12 38 34.6	-3.1
PTGC				i	Pn	Sn	12 38 39.6	
CBCC	Ciudad Bolivar	3.03	251	eP	Pn	Sn	12 38 05.8	+0.2
CBCC				eS	Pn	Sn	12 38 42.4	-0.3
CBCC				i	Pn	Sn	12 38 52.9	
DBBC	Dabeiba	3.06	273	eP	Pn	Sn	12 38 05.7	-0.2
DBBC				eS	Pn	Sn	12 38 40.9	-2.4
DBBC				i	Pn	Sn	12 38 43.4	
ARGC	Ariguani, Magd	3.18	340	eP	Pn	Sn	12 38 08.4	+1.1
ARGC				eS	Pn	Sn	12 38 47.4	+1.6
ARGC				i	Pn	Sn	12 38 49.9	
APAC	Apartado, Choc	3.58	287	eP	Pn	Sn	12 38 11.9	-0.5
APAC				eS	Pn	Sn	12 38 55.0	-1.5
APAC				i	Pn	Sn	12 38 60.0	
ORTC	Ortega, Tolima	3.61	216	iP	Pn	Sn	12 38 12.4	-0.5
ORTC				eS	Pn	Sn	12 38 58.0	0.0
ORTC				i	Pn	Sn	12 39 02.0	
SJCC	San Jacinto, C	3.64	326	eP	Pn	Sn	12 38 12.4	-0.9
SJCC				eS	Pn	Sn	12 38 53.4	-3.1
SJCC				i	Pn	Sn	12 38 57.6	
PLMC	San Jos del P	3.69	238	eP	Pn	Sn	12 38 13.7	-0.3
PLMC				eS	Pn	Sn	12 38 56.3	-1.3
PLMC				i	Pn	Sn	12 38 59.8	
LCBC	Los cordobas,	3.77	302	eP	Pn	Sn	12 38 20.8	+5.8
LCBC				eS	Pn	Sn	12 39 00.6	+1.0
LCBC				i	Pn	Sn	12 39 06.6	+1.3
CRJC	Corredon, Guaj	4.14	31	eP	Pn	Sn	12 39 03.3	-3.1
CRJC				eS	Pn	Sn	12 39 07.3	
YOTC	Yotoco, Valle	4.29	228	eP	Pn	Sn	12 38 20.6	-1.2
YOTC				eS	Pn	Sn	12 39 16.7	+4.9
SMRC	Santa Marta, M	4.41	346	eP	Pn	Sn	12 38 23.1	-0.3
SMRC				eS	Pn	Sn	12 39 10.8	-3.7
SMRC				i	Pn	Sn	12 39 15.5	
MALC	Bahia Malaga	5.05	236	eP	Pn	Sn	12 38 32.7	+0.9
MALC				eS	Pn	Sn	12 39 31.3	+1.7
YKA	Yellowknife Ar	63.23	340	P	Pn	Sn	12 47 28.7	+0.9
ASAR	Alice Springs	149.13	234	PKPbc	Pn	Sn	12 56 46.5	+1.7
ASAR				eS	Pn	Sn	12 56 46.5	+1.7
WRA	Warramunga Arr	150.35	241	PKPbc	Pn	Sn	12 56 49.3	+2.6
WRA				eS	Pn	Sn	12 56 49.3	+2.6

IDC 24 12:42:50.7±0.9, 20:58N;145:48E, h0km, mb3.5/8,
mbmp3.5/8, Error ellipse: s-maj=40.8km s-min=21.5km
az=111.0
ISC 24 12:42:56.0±1.0, 20:58N;0:2:145:4E, 0:2, h35km, n14,
±112/8, mb3.5/8, Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
H11S3	WAKE ISLAND Hy	20.15	92	T			13 08 55.5	
H11S1	WAKE ISLAND Hy	20.16	92	T			13 08 56.3	
H11S2	WAKE ISLAND Hy	20.17	92	T			13 08 56.9	
H11N1	WAKE ISLAND Hy	20.18	89	T			13 08 57.5	
H11N2	WAKE ISLAND Hy	20.19	89	T			13 08 57.7	
H11N3	WAKE ISLAND Hy	20.20	89	T			13 09 02.3	
KLR	Kul'dur	30.64	342	P			12 49 07.8	+0.8
WRA	Warramunga Arr	41.67	196	P			12 50 40.8	-0.7
CMAR	Chiang Mai Arr	43.74	276	P			12 50 58.1	-0.2
ASAR	Alice Springs	45.35	195	P			12 51 11.8	+0.7
ILAR	Eielson Array	62.12	27	P			12 53 12.2	-1.1
INK	Inuvik	67.79	23	P			12 53 49.1	-0.9

YKA Yellowknife Ar 76.49 28 P P 12 54 41.4 -0.8
0.5nm,0.8s,baz=292,slow=5.9,SNR=6.0
0.5nm,0.8s

NVAR Mina Array Bea 82.22 52 P P 12 55 15.6 +1.4
0.2nm,0.6s,baz=266,slow=5.2,SNR=1.4
0.2nm,0.6s

IDC 24 12:43:17.9±1.4, 20:59N;145:47E, h0km, mb3.5/4,
mbmp3.5/4, Error ellipse: s-maj=52.4km s-min=30.6km
az=110.0, Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
H11S3	WAKE ISLAND Hy	20.11	92	T			13 09 18.4	
H11S1	WAKE ISLAND Hy	20.11	92	T			13 09 18.4	
H11S2	WAKE ISLAND Hy	20.12	92	T			13 09 18.4	
H11N1	WAKE ISLAND Hy	20.13	89	T			13 09 19.9	
H11N2	WAKE ISLAND Hy	20.14	89	T			13 09 19.9	
H11N3	WAKE ISLAND Hy	20.15	89	T			13 09 19.9	
WRA	Warramunga Arr	41.73	196	P			12 51 09.1	+0.2
CMAR	Chiang Mai Arr	43.79	276	P			12 51 25.8	0.0
ASAR	Alice Springs	45.41	195	P			12 51 37.9	-0.7
YKA	Yellowknife Ar	76.43	28	P			12 55 09.1	0.0

IDC 24 12:44:02.4±0.8, 20:80N;144:76E, h0km, mb3.8/10,
mbmp3.8/10, Error ellipse: s-maj=30.5km s-min=19.4km
az=109.0
ISC 24 12:44:07.8±0.9, 20:80N;0:2:144:8E, 0:2, h35km, n16,
±104/10, mb3.9/10, Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
H11S3	WAKE ISLAND Hy	20.79	93	T			13 10 04.8	
H11S1	WAKE ISLAND Hy	20.78	92	T			13 10 04.3	
H11N1	WAKE ISLAND Hy	20.80	89	T			13 10 04.7	
H11N2	WAKE ISLAND Hy	20.80	89	T			13 10 08.8	
H11S2	WAKE ISLAND Hy	20.80	93	T			13 10 06.9	
H11N3	WAKE ISLAND Hy	20.81	89	T			13 10 11.7	
KLR	Kul'dur	30.21	343	P			12 50 14.6	-0.3
WRA	Warramunga Arr	41.75	195	P			12 51 53.4	-0.4
CMAR	Chiang Mai Arr	43.10	275	P			12 52 06.5	+1.6
ASAR	Alice Springs	45.44	194	P			12 52 22.6	-0.9
ZALV	Zalesovo Beam	58.82	322	P			12 53 40.1	-1.4
MKAR	Makanchi Array	56.38	313	P			12 53 44.9	-0.7
ILAR	Eielson Array	62.17	27	P			12 54 24.6	-0.7
INK	Inuvik	67.81	23	P			12 55 01.6	-0.2
YKA	Yellowknife Ar	76.56	28	P			12 55 55.0	+0.7
NVAR	Mina Array Bea	82.55	52	P			12 56 28.5	+0.9

IDC 24 12:47:29.2±2.4, 21:22N;143:90E, h0km, mb3.3/3,
mbmp3.3/3, Error ellipse: s-maj=309.0km
s-min=31.0km az=109.0, Mariana Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
H11N1	WAKE ISLAND Hy	21.59	90	T			13 13 34.0	
H11N2	WAKE ISLAND Hy	21.59	90					

24d 14h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Tuamariha, Rata Peaks, Gunungstoli, etc.

IDC 24 13:20:40.0.0.9, 29.22S, 61.15E, h0km, mb3.9/8, mbtmp3.9/9, ML3.7/1, Error ellipse: s-maj=39.4km s-min=20.6km az=17.0

IDC 24 13:20:41.6.0.9, 29.22S, 61.15E, h10km, n17, c080/11, mb4.1/8, South Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Ambohidratompo, Diego Garcia, etc.

IDC 24 13:29:55.2.1, 20.84N, 144.91E, h0km, mb3.5/4, mbtmp3.5/4, MS3.9/1, Error ellipse: s-maj=333.3km s-min=24.0km az=110.0, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND, WAKE ISLAND, etc.

IDC 24 13:36:54.9.0.9, 20.80N, 144.76E, h0km, mb3.5/8, mbtmp3.7/9, ML4.5/1, Error ellipse: s-maj=32.9km s-min=21.0km az=111.0

IDC 24 13:37:00.2.0.9, 20.80N, 01:144:7E:02, h35km, n15,

2016 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, WAKE ISLAND, etc.

IDC 24 13:38:11.8.1.1, 20.83N, 144.61E, h0km, mb3.5/6, mbtmp3.5/6, MS2.7/1, Error ellipse: s-maj=38.2km s-min=25.9km az=111.0

IDC 24 13:38:17.2.1.1, 20.80N, 02:144:6E:02, h35km, n13, c1506/6, mb3.5/6, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, WAKE ISLAND, etc.

IDC 24 13:41:20.2.2.5, 6.19S, 154.06E, h0km, mb3.2/3, mbtmp3.3/4, ML3.4/1, Error ellipse: s-maj=54.1km s-min=29.9km az=82.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Keravat (AS076), WARRUNGUNGA ARR, etc.

IDC 24 13:58:03.7.2.5, 19.24S, 174.29W, h0km, mb3.5/3, mbtmp3.6/4, ML4.0/1, Error ellipse: s-maj=99.3km s-min=24.5km az=139.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, WARRUNGUNGA ARR, etc.

IDC 24 13:59:12.3.8.0, 22.05N, 142.84E, h270km, 79km, mb3.3/7, mbtmp3.9/8, MS3.1/1, Error ellipse: s-maj=40.8km s-min=19.4km az=81.0, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Matushiro Arr, DAV Davao City, etc.

IDC 24 13:59:44.8.7.0, 20.89N, 144.66E, h60km, 80km, mb3.5/11, mbtmp3.8/12, ML2.4/1, Error ellipse: s-maj=27.8km s-min=19.8km az=105.0

1808

ISC 24 13:59:42.1.0.9, 20.9N, 01:144:7E:02, h35km, n18, c0891/12, mb3.8/11, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Matushiro Arr, WAKE ISLAND, etc.

JMA 24 14:00:15.0.0.0, 35.57N, 009:136:6E:01, h14km, MV05/23, SW GIFU PREF, Western Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Yamaगतataniai, etc.

IDC 24 14:01:29.8.0.9, 20.77N, 144.74E, h0km, mb3.6/10, mbtmp3.6/10, MS3.6/2, Error ellipse: s-maj=29.4km s-min=23.3km az=117.0

IDC 24 14:01:35.1.0.9, 20.82N, 02:144:8E:02, h35km, n11, c1915/10, mb3.7/10, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Baumata, WARRUNGUNGA ARR, etc.

IDC 24 14:01:57.9.1.7, 6.47S, 154.09E, h0km, mb3.3/3, mbtmp3.4/4, ML3.8/1, MS2.7/2, Error ellipse: s-maj=50.3km s-min=28.3km az=118.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Keravat (AS076), WARRUNGUNGA ARR, etc.

IDC 24 14:07:41.0.2.8, 32:82S, 178:06W, h0km, mb4.1/3, mbtmp4.1/5, ML3.6/2, Error ellipse: s-maj=60.5km s-min=38.8km az=114.0

IDC 24 14:07:45.4.2.9, 33.0S, 02:178:0W:0.4, h34km, n6, c0687/7, mb4.0/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Urewera, Rata Peaks, etc.

24d 15h

IDC 24 15:13:46.1, 1.4, 2073N:145:04E, h0km, mb3.4/4, mbmp3.4/4, Error ellipse: s-maj=56.3km s-min=25.5km az=92.0, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy 20.51 92 T, H11S1 WAKE ISLAND Hy 20.52 92 T, etc.

IDC 24 15:30:06.9, 1.1, 2.072N:144:95E, h0km, mb3.3/6, mbmp3.3/6, Error ellipse: s-maj=41.4km s-min=24.8km az=109.0

ISC 24 15:30:12.1, 1.1, 2.077N:02:144:9E:0.2, h35km, n12, a0666/6, mb3.3/6, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy 20.61 92 T, H11S1 WAKE ISLAND Hy 20.62 92 T, etc.

IDC 24 15:30:39.7, 0.9, 2077N:144:89E, h0km, mb3.5/10, mbmp3.5/10, Error ellipse: s-maj=28.3km s-min=21.1km az=107.0

ISC 24 15:30:45.1, 0.9, 2082N:02:144:8E:0.2, h35km, n10, a1929/10, mb3.5/10, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSRS Korea Array 22.18 322 P, SONM Sogingo Array 41.03 320 P, etc.

IDC 24 15:33:04.7, 0.7, 2077N:144:89E, h0km, mb3.8/13, mbmp3.8/14, ML2.2/1, MS3.5/3, Error ellipse: s-maj=22.8km s-min=17.9km az=101.0

ISC 24 15:33:10.3, 0.8, 2083N:01:144:8E:0.2, h35km, n12, a1919/15, mb4.0/13, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam 7.20 180 LR, MJAR Matsushiro Arr 16.68 341 Pn, H11S3 WAKE ISLAND Hy 20.73 93 T, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR Mina Array Bea 82.49 52 P, FINES FINES Array B 84.61 335 P, PDAR Pinedale Array 86.93 45 P, etc.

IDC 24 15:38:04.7, 0.8, 1674S:173:59W, h0km, mb4.2/9, mbmp4.2/11, ML3.6/2, MS3.5/3, Error ellipse: s-maj=33.1km s-min=18.0km az=135.0

NEIC 24 15:38:09.6, 1.4, 16.705S:009:173:1W:0.1, h64km, 5km, mb4.3/10, Error ellipse: s-maj=18.8km s-min=11.1km az=69.0

ISC 24 15:38:08.5, 0.6, 16717S:007:173:35W:0.09, h35km, n33, a181/30, mb4.1/14, MS4.1/3, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu 3.17 29 Pn, AFI 31nm,0.3s, baz=196,slow=3.6,SNR=24 Sn, AFI 31nm,0.3s, baz=50,slow=16,SNR=5.5 Sn, etc.

1810

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRTR Keskinn Array B 145.22 315 PKP, GERES GERES Array B 147.91 345 PKP, DAVOX Davos/Dischmat 150.68 349 PKP, etc.

IDC 24 15:56:28.3, 6.1, 3272N-96:25E, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=307.5km s-min=29.2km az=56.0, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S2 Diego Garcia H 26.06 245 T, H08S3 Diego Garcia H 26.06 245 T, H08S1 Diego Garcia H 26.08 245 T, etc.

NEIC 24 15:59:12.9, 1.3, 5977N:0:05:152:92W:0.09, h115km, 7km, Error ellipse: s-maj=7.7km s-min=6.3km az=155.0

IDC 24 15:59:12.8, 1.8, 59:80N:153:06W, h99km, 30km, mb3.7/6, mbmp3.9/11, MS3.9/1, Error ellipse: s-maj=32.9km s-min=14.6km az=122.0

AEIC 24 15:59:14.9, 1.3, 59:80N:0:05:152:99W:0.09, h102km, 6km, ML3.3, ML3.6/118(NEIC), Error ellipse: s-maj=7.6km s-min=6.4km az=184.0

ISC 24 15:59:13.2, 0.8, 59:83N:0:04:152:84W:0.04, h110km, 6km, n174, a0992/180, mb3.9/6, Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ILSW Iliamna Southw 0.22 316 IAML, ILSW comp=N,1um,0.8s IAML, OPT Oil Point 0.27 228 P, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like White Mountain, Old Harbor, Knik Glacier, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like M26K Nabesna, AK, RIDG Independent Ri, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Greta Valley S, Amberley, Kahutara, etc.

JMA 24 16:13:38.5±0.1, 34°N, 132°E, h423km, MV2.9/17, SCOUTER/NARA PPEF

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Miemihama, Tanabakahech, Kouya, etc.

GLI 24 16:14:34.6±0.0, 30°77'N, 31°53'E, h1km, HLW 24 16:14:41.8, 30°31'N, 31°93'E, h8km, 3km, Md2.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Hagao, Helwan, Jatalah, etc.

IDC 24 16:19:48.1±1.1, 5°14'S, 151°74'E, h149km, 4km, mb3.4/8, mbmp3.8/9, MS3.9/1, Error ellipse: s-maj=41.9km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Keravat, Port Moresby, Honiara, etc.

NOU 24 16:25:15.6, 21°40'S, 169°98'E, h0km, MLV4.3/14, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mare, Loyalty, LIFOC, etc.

1813

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GERES, TXAR, LPAZ, H03N2, H03N3, H03N1, etc.

ISC 24 17:13:11.25.1, 23.415:177.10W, h0km, mb4.0/3, mbmp4.0/3, Error ellipse: s-maj=158.7km s-min=98.0km az=160.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIUE, TCW, QRZ, NRZ, ARMA, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SRS, SMTH, KYMI, NVR, KNT, etc.

IDC 24 17:46:38.6:9.9, 7.36S: 128.11E, h149km, 96km, mb3.2/3, mbmp4.0/6, Error ellipse: s-maj=124.8km s-min=20.4km az=49.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SAUI, SOEI, SOEI, SOEI, etc.

24d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCUZ, STCH, NPOC, PUH, JOKA, etc.

IDC 24 17:57:29.7:0.7, 20.77N:144.75E, h0km, mb4.0/14, mbmp4.0/15, MLL2 8/1, MS3.6/1, Error ellipse: s-maj=23.0km s-min=17.2km az=105.0

ISC-EH 24 17:57:32.0:20.74N:144.72E, h15km, Error ellipse: s-maj=17.0km s-min=5.7km az=138.0

ISC 24 17:57:34.7:0.6, 20.77N:0.1:144.7E:0.1, h35km, n92, 0:90/90, mb4.5/45, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MJAR, MAJO, MJBS, JMM, etc.

HVO 24 17:52:07.0:1.1, 19.34N:0.0:1:155.09W:0.02, h6km, 2km,

24d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Warramunga Arr, Chiang Mai Arr, Alice Springs, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like GUMO Guam, MJAR Matsuhiro Arr, H1S3 WAKE ISLAND Hy, etc.

1814

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KKAR Karatay Array, BCPM Bancas Point, HYT Haines Junctio, etc.

Table with columns for station name, frequency, and other identifiers. Includes stations like TUWZ Tuamarina, TCW Tory Channel, SNZO South Karori, etc.

Table with columns for station name, frequency, and other identifiers. Includes stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

Table with columns for station name, frequency, and other identifiers. Includes stations like WRA Wairarapa, WRKA Wairarapa, ASAR Alice Springs, etc.

24d 19h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ, URZEW, RIGZ, MUGZ, RTZ, etc.

IDC 24 19:58:14.1s,3.2,4.61S:153.67E,h104km,23km,mb3.5/9, mbtmp4.0/10, Error ellipse: s-maj=34.0km s-min=16.3km az=103.0

NEIC 24 19:58:15.5s,2.7,4.5S:0.1s,153.54E,0.1h,109km,8km, mb4.4/13, Error ellipse: s-maj=16.6km s-min=12.8km az=212.0

ISC 24 19:58:13.9s,0.7,4.5SS:0.08,153.66E:0.09,h100km,n28, r=148/33, mb4.1/14, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RABL, KRVT, PMG, WBO, ARMA, STKA, FITZ, FORT, PSAO, etc.

UPA 24 19:11:57.5s,1.9,10.81N:87.04W,h0km,114km,MW4.4 IDC 24 19:12:07.8,0.10,87N:85.61W,h0km,mb4.2/11, mbtmp4.2/12,ML4.0/1,MS3.7/2, Error ellipse:

2016 DEC

s-maj=33.1km s-min=17.2km az=52.0 NEIC 24 19:12:09.0,2.0,10.45N:0.05,86.24W:0.04,h107km,1km, mb4.7/72,MD4.5(HDC), Error ellipse: s-maj=9.3km s-min=6.5km az=202.0

UCR 24 19:12:10.6,1.6,10.39N:86.28W,h23km,7km,MW4.8, mb4.7(NEIC) INET 24 19:12:17.6,1.4,11.15N:86.15W,h15km,17km,MW4.2

ISC-EH 24 19:12:12.8,1.0,10.50N:86.16W,h4km,3km, Error ellipse: s-maj=6.0km s-min=2.8km az=47.0 SNET 24 19:12:17.6,1.4,11.15N:86.15W,h15km,999km,ML4.1

ISC 24 19:12:09.8,1.0,10.44N:0.03,86.30W:0.04,h15km,6km, n3147,r1921/295,mb4.6/46, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SAJU, HZTE, HZTE, HZTE, HZTE, etc.

1816

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NHSC, Z1A, JCT, WHXT, HODGE, WLAR, etc.

24d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MBAR Mbarara, TSUM Tsumeb, TSMU Tsumeb, etc.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSH Kashi, GNI Gani, TORD Torodi Arr, etc.

1818

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK Wattenberg, WATA Waiden, FUORN Offenpass-Fuorn, etc.

IDC 24 19:51:57.6:2.4, 15.29Sx173.24W, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=169.2km s-min=21.4km az=149.0

NOU 24 19:52:15.8, 14.05Sx172.07W, h87km, MLv3.2/5, Samoa Islands

ISC 24 19:52:05.5, 1.9, 15.5S, 173.0W, 0.9, h35km, n14, r07717, mb3.5/4, Samoa Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFI H11S2 WAKE ISLAND Hy, etc.

IDC 24 20:16:59.4-6.1, 31.58N, 141.32E, h0km, mb3.3/2, mbtmp3.9/5, ML5.0/2, MS3.5/1, Error ellipse: s-maj=295.4km s-min=34.8km az=75.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, KRSR Korea Arr, etc.

NEIC 24 20:18:47.5:1.7, 20.5S, 0.2x173.95W, 0.05, h35km, 2km, mb4.1/7, Error ellipse: s-maj=26.7km s-min=6.0km az=346.0

ISC 24 20:18:46.9, 0.204S, 0.1x174.0W, 0.1, h35km, n15, r198/15, mb4.0/7, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 24 20:18:38.5:3.9, 21.18S, 173.05W, etc.

24d 20h

Table with columns for station name, time, and other parameters. Includes stations like PMG Port Moresby, PTA Pohnpei, CTAs Charters Tower, etc.

IDC 24 20:42:43.3:0.9,23:99N,121:89E, h0km, mb3.6/10, mtdmp3.7111, ML3.6/1, MS3.5/3, Error ellipse: s-maj=21.6km s-min=19.0km az=70.0

JMA 24 20:42:46.2:0.1,23:9N,0:6,121:7E,0:7,h29km,1km, MV4.3/15, TAIWAN REGION

NIED 24 20:42:46.2:23:86N,121:68E, h29km, MV4.1, Moment Tensor Solution. s2 Moment tensor: Scale 1015Nm;

Mn:1.64; Mw:0.11; Mw0-1.53; Mw0.45; Mw0-0.38; Mw0.45; Fault plane solution: Mo:1.750000e1015 NP1:phi:24.000000, delta:55.000000, lambda:102.000000. NP2:phi:184.000000, delta:37.000000, lambda:74.000000.

TAP 24 20:42:48.4:24:04N,121:72E, h32km, ML4.2, C

ASIES 24 20:42:48.4:24:05N,121:72E, h28km, MW3.9

ISC 24 20:42:48.4:0.7,24:02N,0:01,121:74E,0:02, h32km,4km, n176, phi:1507/284, mb3.5/10, MS3.6/3, 13C-34D, Taiwan

Table with columns for Code, Station Name, Az, Op, ISC, Time, Res, etc. Lists various stations and their associated data.

2016 DEC

Table with columns for station name, time, and other parameters. Includes stations like LATG Datong, TWT Tachien, WUSB Renai, etc.

1820

Table with columns for station name, time, and other parameters. Includes stations like NMLH, SBCB Hsinchu, TAP Taipei, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MKAR Makanchi Array, MAKZ Makanchi Array, BRDH Baridadhala, etc.

JMA 24-21:29:08.20.0.6, 36°N, 129°E, h19km, MV2.8/8, S KOREAN PENINSULA REG
KMA 24-21:29:09.10.0.0, 35°80'N, 129°27'E, h8km, Error ellipse: s-maj=0.5km s-min=0.4km az=291.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like YOCB Yeongcheon, KSDAG Daegu, KSPHA Pohang, etc.

NOU 24-21:44:14.0, 37°05'S, 179°76'E, h0km, MLV3.8/7, Off E. Coast of N. Island, N.Z.
WEL 24-21:44:34.6, 38°S, 16°17'8"E, h10km, MLV3.8/7, Off E. Coast of N. Island, N.Z.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MXZ Matakaoa Point, WMGZ Waikomataini S, PKGZ Puketihi, etc.

IDC 24-21:56:56.6, 1.5, 15°32'N, 119°88'E, h0km, mb3.4/5, mbmp3.5/5, Error ellipse: s-maj=76.5km s-min=20.6km az=56.0

ISC 24-21:57:03.3, 1.6, 15°30'N, 119°8E, 0.35h3km, n6, az=47.7, mb3.4/4, 1C, Luzon

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LUBP Lubang, CMAR Chiang Mai Arr, WRA Warrunganga Arr, etc.

IDC 24-22:03:18.9, 0.5, 5°34'S, 153°46'E, h0km, mb4.5/25, mbmp4.5/28, ML3.1/2, MS4.1/48, Error ellipse: s-maj=15.7km s-min=11.2km az=83.0

ISC-EH 24-22:03:21.5, 5.41S, 153°41'E, h15km, Error ellipse: s-maj=5.7km s-min=4.4km az=89.0

NEIC 24-22:03:21.3, 1.6, 5°43'S, 153°45'E, 0.05, h14km, 4km, mb2.0/64, Error ellipse: s-maj=11.7km s-min=2.8km az=216.0

MOS 24-22:03:22.8, 1.3, 5°37'S, 153°44'E, h35km, mb5.0/22, Error ellipse: s-maj=9.7km s-min=7.6km az=97.0

DJA 24-22:03:23.4, 1.2, 5°3'31.5"E, h26km, 10km, M5.0/26, mb5.4/5, mb4.8/26, MLV5.1/4, Mw(19)4.9/5

GCMT 24-22:03:24.0, 3.0, 5°57'S, 0.02, 153°37'E, 0.02, h16km, 1km, MW4.8/73, Moment Tensor Solution. s1,c12: s73,c92

ISC 24-22:25:3.0, 3.5, 5°40'S, 153°37'E, 0.05, h43km, n267, az=157/247, mb4.8/83, MS4.1/50, 11C-3D, New Ireland region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like RABL Rabaul, KRVT Keravat, KRVT Keravat, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CTAO Charters Tower, KOUNC Koumang, EIDS Eidsvold, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHE Heguri, JHW Kouya, JTN Tanabenakahech, etc.

h33.0f69/42,mb3.2/7,Near south coast of western Honshu

ICD 24 22:20:36.9;1.6;5.75S:153.35E,h0km,mb3.9/7, mbtmp3.9/7,MS3.6/2, Error ellipse: s-maj=47.1km s-min=20.1km az=88.0

NEIC 24 22:20:39.7;0.2;5.80S:0.06;153.34E;0.09,h10km,z2km, mb4.1/7, Error ellipse: s-maj=15.4km s-min=10.0km

ISC 24 22:20:38.7;1.0;5.85S:0.1;153.3E;0.2,h10km,n21, f0569/21,mb4.1/10,Northern Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRVT Keravat, RABL Rabaul, DZM Mont Dzumac, etc.

ICD 24 22:24:57.9;3.5;0.45N-97.24E,h0km,mb3.3/3, mbtmp3.3/4, Error ellipse: s-maj=142.6km s-min=31.4km az=61.0,Northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, H0S2 Diego Garcia H, ASAR Alice Springs, etc.

ICD 24 22:40:21.0;18.0;5.71S:154.46E,h152km,107km, mb3.0/4,mbtmp3.5/5, Error ellipse: s-maj=237.5km s-min=33.1km az=101.0,Bourgainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, H0S2 Diego Garcia H, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

ICD 24 23:03:31.4;1.3;2.3;13S:66.75W,h201km,16km,mb3.1/2, mbtmp3.6/7, Error ellipse: s-maj=24.4km s-min=17.0km az=126.0

VAO 24 23:03:32.3;0.8;2.3;06S:67.21W,h261km,17km,mb3.7 GUC 24 23:03:32.7;1.4;0.2;10S:67.25W,h235km,14km,ML3.6 NEIC 24 23:03:32.4;1.4;2.3;16S:108.66W;0.1,h214km,12km, mb4.1/5,Mds3.4(SJA,ML3.0(GUC), Error ellipse: s-maj=19.6km s-min=11.1km az=94.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AF01 San Pedro de A, LVC Limon Verde, LVC Limon Verde, etc.

GO02 Mina Guanaco 3.20 231 Pn Pn 23 04 25.4 +0.8 GO02 Mina Guanaco 3.20 231 Pn Pn 23 04 25.4 +0.8

ICD 24 23:03:44.2;2.6;6.75S:154.67E,h0km,mb3.4/4, mbtmp3.5/5,ML3.6/1, Error ellipse: s-maj=66.5km s-min=31.5km az=103.0

ISC 24 23:03:50.8;1.8;6.75S:0.2;154.4E;0.3,h35km,n6,f0524/7, s-min=11.5Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRVT Keravat, WRA Warramunga Arr, ASAR Alice Springs, etc.

ICD 24 23:26:06.8;1.1;0.2;96N:101.49E,h12km,mb4.7/25, Error ellipse: s-maj=318.8km s-min=31.8km az=117.9,SNR=1.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOS 24 23:26:06.8;1.1;0.2;96N:101.49E,h12km,mb4.7/25, Error ellipse: s-maj=318.8km s-min=31.8km az=117.9,SNR=1.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ellipse: s-maj=8.4km s-min=5.6km az=103.5, BUJ 24 22:07:00.0;0.0;2.789N:101.38E,h10km,mb4.3/35, etc.

ISC-EH 24 23:26:09.0;2.7;95N:101.45E,h15km, Error ellipse: s-maj=4.0km s-min=2.9km az=59.0

ISC 24 23:26:08.2;0.3;2.789N:101.47E;0.04,h10km,n195, f149/208,mb4.6/72,MS4.1/13,22C-30,Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PZH PanZhiHua, KMI Kunming, GYA Guiyang, etc.

ENH Enshi 7.38 70 Pn Pn 23 27 57.7 +1.7 MRD Mandalay 7.67 220 Pn Pn 23 28 01.7 +1.3

CMAR 0.8nm,0.3s,baz=12,slow=17,SNR=12 Lg Lg 23 31 13.9

GOMU GeErMu 9.94 327 P Pn 23 28 34.3 +2.8

CNSH ChangSha 10.13 86 P Pn 23 28 33.6 -0.1

LYN LuoYang 11.46 52 P Pn 23 28 56.6 -1.3

Wuhan 11.54 74 P Pn 23 28 53.8 +0.9

QIZ Qiongzong 11.76 137 P Pn 23 28 55.4 -0.2

QIZ Qiongzong 11.76 137 P Pn 23 28 54.4 -1.7

QIZ Qiongzong 11.76 137 P Pn 23 28 55.9 -0.2

QIZ Qiongzong 11.76 137 P Pn 23 28 54.4 -1.7

QIZ Qiongzong 11.76 137 P Pn 23 28 55.9 -0.2

QIZ Qiongzong 11.76 137 P Pn 23 28 54.4 -1.7

QIZ Qiongzong 11.76 137 P Pn 23 28 55.9 -0.2

QIZ Qiongzong 11.76 137 P Pn 23 28 54.4 -1.7

QIZ Qiongzong 11.76 137 P Pn 23 28 55.9 -0.2

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.

25d 1h

TORD Torodi Ar. Bea 151.14 289 PKPbc PKPbc 01 36 44.7 -0.2
0.9nm,0.6s,baz=120,slow=2.2,SNR=7.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JOB Onbets, JAK Akkeshi, JKH Churui, etc.

IDC 25 01:25:38.6-0.7, 52.49N-172.35E, h0km, mb4.2/29,
mbmp4.2/31, ML3.7/2, MS3.8/7, Error ellipse:
s-maj=19.0km s-min=10.0km az=176.0

KRCS 25 01:25:39.1-1.1, 52.19N-172.27E, h46km, 32km, ML4.6
ISC-EH 25 01:25:42.7, 52.41N-172.38E, h26km, 3km, Error ellipse:
s-maj=6.6km s-min=2.5km az=175.0

NEIC 25 01:25:43.9-1.6, 52.31N-172.34E, h31km, 7km,
mb4.4/86, Error ellipse: s-maj=25.1km s-min=7.7km
az=175.0

MOS 25 01:25:43.1-1.3, 52.33N-172.18E, h49km, mb4.6/25, Error
ellipse: s-maj=8.2km s-min=5.3km az=129.7

ISC 25 01:25:42.0-0.5, 52.31N-172.32E, h02.03, h42km, n263,
a126/263, mb4.4/96, MS4.1/5, 9C-3D, Near Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SHEM Shemya Is, Alala, SHER Shemya, etc.

2016 DEC

Main table with columns: KRX Arik, KOK Koryaka, KOK Koryaka, SRDR Sredinnyy, etc. Includes station names, times, and residuals.

1830

Table with columns: BCAR Beaver Creek A, BARN Barnard Glacie, EGAK Eagle, etc. Includes station names, times, and residuals.

Table with columns: BRVK, Borovoye, 56.49 315ceP, P, 01 35 21.2 -0.5, etc. Includes stations like PanZhiHu, Karatay Array, etc.

Table with columns: BRTR, Keskin Array B, 81.56 329 P, P, 01 37 58.3 +0.7, etc. Includes stations like Rabaul, Karatay Array, etc.

Table with columns: PLCA, Paso Flores, 121.23 143 PKP, PKPdf, 02 05 13.8 -0.7, etc. Includes stations like Giv'ta Ha'Em, Warramunga Arr, etc.

25d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like UREC, GUY2C, VILC, etc.

IDC 25 03:18:46.1, 1.9, 68.46N, 129.02E, h0km, mb3.5/4, mbmtpp3.5/4, Error ellipse: s-maj=43.8km s-min=17.0km az=107.0

YARS 25 03:18:51.2, 0.0, 68.56N, 128.00E, h19km

ISC 25 03:18:50.7, 0.8, 68.50N, 127.80E, h0km, n10, a181/22, mb3.3/4, Northern and central Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like BTGS, BTGS, BTGS, etc.

IDC 25 03:27:04.7, 5.4, 16.15S, 175.99W, h0km, mb3.9/3, mbmtpp3.9/3, Error ellipse: s-maj=168.0km s-min=105.6km az=152.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like STKA, WRA, ASAR, ASAR, etc.

MOS 25 03:31:19.8, 0.9, 47.32N, 153.35E, h70km, mb4.7/30, Error ellipse: s-maj=8.0km s-min=5.7km az=81.1

IDC 25 03:31:20.1, 0.5, 47.35N, 153.03E, h4km, mb3.9/27, mbmtpp4.2/32, M3S, 8/23, Error ellipse: s-maj=13.5km s-min=9.3km az=133.0

SKLH 25 03:31:20.1, 0.1, 47.20N, 153.50E, h77km, mb5.6km, mb5.2/6, ISC-EH 25 03:31:22.1, 4.7, 46N, 153.12E, h70km, 2km, Error ellipse: s-maj=4.8km s-min=2.6km az=157.0

NEIC 25 03:31:24.2, 1.3, 47.6N, 0.1, 153.1E, 0.1, h82km, 7km, mb4.6/168, Error ellipse: s-maj=17.5km s-min=11.0km az=136.0

ISC 25 03:31:21.9, 0.5, 47.35N, 153.29E, 0.05, h76km, 4km, h76km, pP-P, n392, a1934/381, mb4.6/141, 19C-17D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like SKR, SKR, SKR, etc.

2016 DEC

Main table with columns: Station Name, Az, Phase ID, Time, Res, and various station identifiers like SKR, SKR, SKR, etc.

1832

Table with columns: Station Name, Az, Phase ID, Time, Res, and various station identifiers like KSRS, KSRS, KSRS, etc.

1833

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like PZH PanZhiHua, MK31 Makanchi Array, and many others.

2018 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like KBZ Khabaz, AKASG Malin Array Be, and many others.

25d 3h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like WHAR Woolly Hollow, P48A Milroy, and many others.

25d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Fort Paine, Blount Mountain, Bardonecchia, etc.

JMA 25 03:32:19.9, 0.2, 24.1'N, 123.3'E, 0.5, h29km, 2km, MV1.5/9, NEAR ISHIGAKIJIMA Island, Southwestern Ryukyus Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Yonaguni jima, Iriomote-Funau, etc.

TAP 25 03:32:41.0, 24.16'N, 121.66'E, h1km, 1km, ML1.3, D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Fush Village, Nincangchua, etc.

IDC 25 03:35:44.9, 0.8, 29.17'S, 61.19'E, h0km, mb4.0/10, mbmp4.0/10, MS3.6/4, Error ellipse: s-maj=30.2km

NEIC 25 03:35:45.6, 1.7, 29.2'S, 0.1:61.1'E, 0.1, h10km, 1km, mb4.3/14, Error ellipse: s-maj=26.8km s-min=14.1km az=207.0

ISC 25 03:35:45.7, 0.6, 29.2'S, 0.1:61.0'E, 0.1, h10km, n42, a1915/32, mb4.2/18, MS3.5/4, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Vohtsoka, Ambohimpampon, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Alice Springs, Warramunga Arr, etc.

JMA 25 03:37:22.8, 0.9, 46.1'N, 5.1'E, h30km, MV4.2/10, KURILE ISLANDS REGION

ISC 25 03:37:24.2, 0.7, 45.1'N, 151.30'E, h74km, 7km, mb5.2/4, IDC 25 03:37:29.1, 6.1, 46.94'N, 150.07'E, h68km, 125km, mb3.4/7, mbmp3.7/8, ML3.3/1, Error ellipse: s-maj=221.2km s-min=28.4km az=166.0

ISC 25 03:37:22.8, 1.3, 45.1'N, 151.30'E, 0.1, h100km, n21, a218/27, mb3.7/7, Kurl Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Kuril'sk, Ashoroto, etc.

FINES FINESS Array B 64.98 314 P 1.2m, 0.5s, baz=53, slow=7.1, SNR=8.6

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Ashoroto, Yellowknife Arr, etc.

IDC 25 03:41:02.7, 2.9, 10.70'S, 161.93'E, h60km, 25km, mb3.3/7, mbmp3.8/10, ML3.3/3, MS3.4/7, Error ellipse: s-maj=28.1km s-min=1.7km az=66.0

ISC 25 03:41:01.4, 0.8, 10.76'S, 0.1:162.9'E, 0.1, h50km, n14, a1863/13, mb3.4/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Honiara, Keravat, etc.

1834

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Stephens Creek, Alice Springs, etc.

NEIC 25 04:06:16.5, 1.7, 51.1'N, 0.2:173.2'W, 0.1, h38km, 2.7km, mb3.8/19, ML3.3/AEIC, Error ellipse: s-maj=31.3km s-min=8.7km az=187.0

IDC 25 04:06:17.8, 1.4, 51.64'N, 172.73'W, h0km, mb3.5/6, mbmp3.5/7, ML3.7/1, Error ellipse: s-maj=42.5km s-min=27.6km az=158.0

AEIC 25 04:06:22.0, 2.0, 51.2'N, 0.2:172.7'W, 0.1, h40km, 9km, Error ellipse: s-maj=28.1km s-min=12.2km az=167.0

ISC 25 04:06:16.0, 1.4, 51.3'N, 0.2:173.1'W, 0.07, h10km, n34, a1938/33, mb3.5/7, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Great Sitkin T, Adak, etc.

ISC 25 04:08:39.5, 2.3, 6.79'S, 130.05'E, h140km, 2.4km, mb3.7/2, mbmp4.1/6, Error ellipse: s-maj=40.9km s-min=22.0km az=90.0

ISC 25 04:08:37.0, 0.9, 6.87'S, 0.06:130.1'E, 0.1, h104km, n6, a243/10, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Sorong, Baumata, etc.

IDC 25 04:12:40.3, 3.2, 15.62'S, 174.25'E, h0km, mb3.7/3, mbmp3.7/3, Error ellipse: s-maj=163.7km s-min=36.8km az=146.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Warramunga Arr, Eielson Array, etc.

IDC 25 04:28:53.2, 1.6, 29.44'S, 161.07'E, h0km, mb3.8/5, mbmp3.8/6, ML3.8/1, MS3.6/4, Error ellipse: s-maj=72.3km s-min=25.6km az=30.0

ISC 25 04:28:55.4, 1.8, 29.4'S, 0.5:61.0'E, 0.3, h14km, n16, a090/6, mb3.9/5, MS3.6/4, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Warramunga Arr, Eielson Array, etc.

Table with columns: WRA, I07AU, ASAR, ASAR, TORD. Includes station names like WARRAMUNGA INF03, Alice Springs, and Torodi Ar. Bea.

IDC 25 06:36:42.9.5.5, 2.64N, 89.65E, h0km, mb3.4/4, mtbmp3.4/4, MS4.0/1, Error ellipse: s-maj=190.3km

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Diego Garcia H, Cape Leeuwin H, Makanchi Array, Warramunga Arr, Alice Springs, ZALV.

IDC 25 06:41:59.5.0.8, 6.65S, 153.92E, h0km, mb4.2/15, mtbmp4.2/18, ML3.2/3, MS3.2/7, Error ellipse: s-maj=24.9km

ISC 25 06:42:01.7.0.5, 6.54S, 153.85E, 0.09, h10km, n44, alpha101/47, mb4.3/19, New Britain region

Main table of station data for the first section, including stations like Keravat, Rabaul, Port Moresby, Warramunga Arr, etc.

Table with columns: PDAR, AKASA, GERES, BDFB, TORD, TORD. Includes station names like Pinedale Array, Malin Array Be, Geres Array B, etc.

ROM 25 06:52:23.6.0.0, 42.990N, 0.002E, 13.077E, 0.003, h9km, ML1.6/20, 1C-D, Error ellipse: s-maj=0.3km

Main table of station data for the second section, including stations like Monte Fema, Fiumi, Fiumi, Fiumi, etc.

Table with columns: T1218, T1218, EL6, EL6, EL6, EL6, EL6. Includes station names like AVT- Casa Cast, Fossato di Vico, Leonessa, etc.

ROM 25 06:53:01.0.0.0, 42.569N, 0.002E, 13.285E, 0.002, h11km, ML2.5/40, Error ellipse: s-maj=0.3km

Main table of station data for the third section, including stations like SAN MARTINO, Pellescritta, Fossombrone, etc.

25d 7h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KUR Kuril'sk, NEM2 Nemuro 2, and various regional stations.

2016 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KRSR Korea Array, JNU Nakatsue, and various regional stations.

1838

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MK31 Makanchi Array, TARG Tarag Kyrgy, and various regional stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MNK, MNSK, ASAR, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ELIB, PLCA, ROM, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KKAR, AAK, AAK, and others.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like RCBR Riachuelo, CMIG Matias Romero, QSPA South Pole Qui, etc.

IDC 25 08:39:32.0 1.0, 8.29S, 128.89E, h0km, mb3.7/3, mbmp4.0/6, ML4.4/3, MS3.7/2, Error ellipse: s-maj=35.9km s-min=21.6km az=62.0

NEIC 25 08:39:37.8 1.4, 8.3S, 0.1, 128.80E, 0.08, h147km, 10km, mb4.1/7, Error ellipse: s-maj=15.7km s-min=11.8km az=164.0

ISC 25 08:39:37.5 0.6, 8.46S, 0.06, 128.79E, 0.06, h35km, n57, az=117/55, mb4.1/7, Timor Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like SAUI Saumlaki, MTN Manton Dam, WRA Warramunga Arr, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like TORD Torodi Ar. Bea, CPUP Villa Florida, LPAZ comp=2.0,5m,0.5s, etc.

IDC 25 08:55:09.0 0.3, 6.1S, 7.10E, h145km, 4km, M4.4/13, mb4.6/6, mb5.1/2, ML3.2/3, Mw(mlv)4.5/2

ISC 25 08:55:09.2 4.6, 5.98S, 105.36E, h150km, 29km, mb3.3/6, mbtmp3.7/7, Error ellipse: s-maj=72.5km s-min=18.0km az=61.0

ISC 25 08:55:08.6 0.8, 6.1S, 0.1, 105.44E, 0.09, h151km, 7km, n34, 1541/39, mb3.5/6, Sunda Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like CGJI Cibinong, BBLI Bungbulang, etc.

ISC 25 09:09:23.2 1.5, 43.05N, 72.65E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=89.5km s-min=6.6km az=178.0

SOME 25 09:09:29.2, 4.3, 12N, 73.00E, h10km, ISC 25 09:09:26.4 1.4, 43.0N, 0.1, 72.67E, 0.05, h31km, 16km, n11, 0876/18, 1C-1D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like MRKS Merke, SGDS Sogindy, etc.

IDC 25 09:15:31.3 1.4, 13.77N, 91.49W, h0km, mb3.7/8, mbtmp3.7/10, ML3.3/2, MS3.6/5, Error ellipse: s-maj=43.9km s-min=22.9km az=48.0

SNET 25 09:15:34.1 1.4, 13.93N, 91.83W, h115km, ML3.6, GCG 25 09:15:46.0 0.3, 14.36N, 91.45W, h32km, 3km, MD4.0

ISC 25 09:15:30.8 2.4, 13.5N, 0.1, 91.82W, 0.06, h8km, 13km, n27, 18181/33, mb3.8/8, MS3.3/5, 1C, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like SUGM Santiaguez, SLM3 Santiaquito, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like CEDA San Andres, SJTE Alcaldia de S, etc.

KRNET 25 09:19:32.0 0.1, 40.73N, 78.48E, mb3.4, SOME 25 09:19:33.7, 40.82N, 78.27E, h0km

NIC 25 09:19:35.0 0.9, 40.77N, 78.30E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=6.2km s-min=4.6km az=173.0

ISC 25 09:19:33.1 1.9, 40.55N, 0.08, 78.14E, 0.04, h10km, n50, 18181/72, 12C-12D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like TARG Taragay, KYRGY Kyrgyz, etc.

Table with columns for station name, code, frequency, and other technical details. Includes stations like T1245, T1245, T1245, etc.

Table with columns for station name, code, frequency, and other technical details. Includes stations like T1218, T1218, T1218, etc.

Table with columns for station name, code, frequency, and other technical details. Includes stations like CRTO Cratere Ovest, CUC Castruccio, IDC 25, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Status, and other parameters. Includes stations like TATO Taipei, TWY Chenhua, ANP Anpu, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Status, and other parameters. Includes stations like TWGBT Beinan, CHN1 Nanshi, SGST Jiashan, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Status, and other parameters. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like LPAZ, YJA, YTC, PB10, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like JIAB, SDBA, PTGC, VILC, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like HOPE, HOPE, HOPE, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like HOPE, HOPE, HOPE, etc.

25d 14h

X51A	comp=Z,36nm,1.0s baz=162,SNR=9.4	56.33 344	P	P	14 11 02.6	-0.1
X51A	baz=162,SNR=9.4		P	P	14 11 02.6	-0.1
833A	Chaparral WMA,	56.38 327	P	P	14 11 03.6	+0.4
833A	comp=Z,46nm,0.9s Chaparral WMA,	56.38 327	P	P	14 11 03.7	+0.5
833A	Chaparral WMA,	56.38 327	P	P	14 11 03.7	+0.5
FPAL	Fort Paine	56.50 343	P	P	14 11 03.3	-0.7
W52A	Murphy	56.60 345	P	P	14 11 04.5	-0.1
W52A	comp=Z,17nm,0.8s		I	Amb	14 11 05.5	
V55A	Taylorville	56.73 348	P	P	14 11 05.9	+0.4
V55A	comp=Z,29nm,0.7s		I	Amb	14 11 07.4	
V55A	Taylorville	56.73 348	P	P	14 11 06.6	+1.1
V55A	baz=166,SNR=16		P	P	14 11 06.6	+1.1
X48A	Hartselle	56.82 342	P	P	14 11 05.3	-0.9
X48A	comp=Z,23nm,0.8s		I	Amb	14 11 06.7	
X48A	Hartselle	56.82 342	P	P	14 11 05.6	-0.6
V53A	Saluda	56.89 346	P	P	14 11 06.6	-0.1
V53A	baz=159,SNR=14		I	Amb	14 11 08.0	
V53A	Saluda	56.89 346	P	P	14 11 06.8	+0.1
V53A	baz=164,SNR=7.0		P	P	14 11 06.8	+0.1
W50A	Signal Mountai	57.05 344	P	P	14 11 07.4	-0.4
W50A	baz=164,SNR=7.0		I	Amb	14 11 08.9	
W50A	Signal Mountai	57.05 344	P	P	14 11 07.6	-0.2
W50A	comp=Z,31nm,0.9s		I	Amb	14 11 08.9	
U56A	King	57.06 349	P	P	14 11 08.0	+0.1
U56A	comp=Z,22nm,1.0s		I	Amb	14 11 38.7	
U56A	King	57.06 349	P	P	14 11 08.7	+0.8
U56A	baz=167		P	P	14 11 08.7	+0.8
Y45A	Yeager Farm, C	57.06 339	P	P	14 11 07.7	-0.2
Y45A	comp=Z,31nm,0.8s		I	Amb	14 11 07.7	-0.2
Y45A	Yeager Farm, C	57.06 339	P	P	14 11 07.9	0.0
Y45A	baz=158,SNR=5.3		I	Amb	14 11 09.1	
CPCT	Cooper Cave	57.08 345	P	P	14 11 07.7	-0.4
CPCT	comp=Z,24nm,1.0s		I	Amb	14 11 09.1	
NATX	Nacogdoches	57.09 334	P	P	14 11 08.8	+0.0
NATX	Nacogdoches	57.09 334	P	P	14 11 08.8	+0.0
NATX	comp=Z,151,SNR=14		I	Amb	14 11 09.2	+1.1
NATX	Nacogdoches	57.09 334	P	P	14 11 09.1	+0.9
NATX	baz=151,SNR=14		I	Amb	14 11 09.1	+0.9
TKL	Tuckaleechee C	57.10 345	P	P	14 11 07.9	-0.2
TKL	comp=Z,28nm,0.8s		I	Amb	14 11 09.1	
TKL	Tuckaleechee C	57.10 345	P	P	14 11 08.0	-0.1
TKL	baz=163,SNR=11		I	Amb	14 11 09.2	-0.2
TKL	Tuckaleechee C	57.10 345	P	P	14 11 07.9	-0.2
TS9A	Double "B" Far	57.22 352	P	P	14 11 08.4	-0.5
TS9A	comp=Z,28nm,0.9s		I	Amb	14 11 39.4	
TS9A	Double "B" Far	57.22 352	P	P	14 11 08.5	-0.6
SWET	Sewanee	57.23 343	P	P	14 11 08.5	-0.6
SWET	comp=Z,20nm,0.9s		I	Amb	14 11 09.4	
V52A	Sevierville	57.23 346	P	P	14 11 08.9	-0.2
V52A	comp=Z,28nm,0.7s		I	Amb	14 11 10.1	
V52A	Sevierville	57.23 346	P	P	14 11 09.1	0.0
V52A	comp=Z,38nm,0.8s		I	Amb	14 11 09.1	0.0
V52A	Sevierville	57.23 346	P	P	14 11 09.1	0.0
V51A	Loudon	57.38 345	P	P	14 11 09.7	-0.4
V51A	baz=163,SNR=17		I	Amb	14 11 09.8	-0.2
V51A	Loudon	57.38 345	P	P	14 11 09.8	-0.2
V51A	baz=162,SNR=7.0		I	Amb	14 11 09.8	-0.2
T57A	Hurt	57.50 350	P	P	14 11 10.7	-0.2
T57A	comp=Z,29nm,1.3s		I	Amb	14 11 45.7	
U54A	Nelsons Funny	57.50 348	P	P	14 11 10.6	-0.4
U54A	comp=Z,45nm,0.8s		I	Amb	14 11 11.8	
U54A	Nelsons Funny	57.50 348	P	P	14 11 11.8	+0.8
U54A	baz=165,SNR=15		I	Amb	14 11 11.8	+0.8
435B	Jarrell	57.54 331	P	P	14 11 11.3	0.0
435B	comp=Z,27nm,0.8s		I	Amb	14 11 12.7	
435B	Jarrell	57.54 331	P	P	14 11 11.9	+0.6
435B	baz=148,SNR=9.2		I	Amb	14 11 11.9	+0.6
435B	Jarrell	57.54 331	P	P	14 11 11.7	+0.4
435B	baz=148		I	Amb	14 11 10.6	-1.1
OXF	Oxford	57.61 340	P	P	14 11 10.6	-1.1
OXF	comp=Z,46nm,0.9s		I	Amb	14 11 10.6	-1.1
OXF	Oxford	57.61 340	P	P	14 11 10.3	-1.3
OXF	baz=157,SNR=10		I	Amb	14 11 10.3	-1.3
OXF	Oxford	57.61 340	P	P	14 11 10.6	-1.1
OXF	comp=Z,47nm,1.0s		I	Amb	14 11 10.6	-1.1
PLAL	Pickwick Lake	57.62 341	P	P	14 11 10.4	-1.4
PLAL	comp=Z,18nm,0.8s		I	Amb	14 11 11.8	
Q51A	Richland Creek	57.67 336	P	P	14 11 11.8	-0.3
Q51A	comp=Z,31nm,1.0s		I	Amb	14 11 14.2	
237A	Washetta, Mont	57.78 333	P	P	14 11 13.5	+0.5
237A	Washetta, Mont	57.78 333	P	P	14 11 14.1	+1.2
CCAR	Cane Creek	57.88 337	P	P	14 11 13.9	+0.4
CCAR	comp=Z,25nm,0.7s		I	Amb	14 11 14.9	
TZTN	Tazewell	57.90 346	P	P	14 11 13.3	-0.4
TZTN	comp=Z,21nm,0.9s		I	Amb	14 11 14.7	
TZTN	Tazewell	57.90 346	P	P	14 11 13.9	+0.2
TZTN	baz=164,SNR=5.7		I	Amb	14 11 14.1	+0.4
TZTN	Tazewell	57.90 346	P	P	14 11 14.1	+0.4
BLA	Blacksburg	57.90 349	P	P	14 11 13.8	+0.1
BLA	comp=Z,58nm,1.7s		I	Amb	14 11 51.7	
BLA	Blacksburg	57.90 349	P	P	14 11 14.7	+0.9
BLA	baz=167		I	Amb	14 11 14.4	+0.6
BLA	Blacksburg	57.90 349	P	P	14 11 14.4	+0.6
BLA	comp=Z,58nm,1.7s		I	Amb	14 11 13.8	+0.1
V48A	Smith Brothers	57.96 343	P	P	14 11 13.5	-0.6
V48A	comp=Z,32nm,0.8s		I	Amb	14 11 14.7	
V48A	Smith Brothers	57.96 343	P	P	14 11 13.8	-0.3
V48A	baz=160,SNR=20		I	Amb	14 11 13.8	-0.3
JSRW	J. Sargeant Re	57.97 351	P	P	14 11 13.9	-0.2
W45A	Hickory Valley	58.13 340	P	P	14 11 14.2	-1.1
W45A	Hickory Valley	58.13 340	P	P	14 11 14.4	-0.9
W45A	comp=Z,157,SNR=8.2		I	Amb	14 11 14.4	-0.9
WLAR	White Oak Lake	58.17 336	P	P	14 11 15.8	+0.2
SS7A	Dark Hollow, R	58.19 351	P	P	14 11 16.0	+0.2
SS7A	comp=Z,28nm,1.2s		I	Amb	14 11 46.2	
R58B	Mineral	58.23 352	P	P	14 11 15.9	-0.1
JCT	Junction City	58.35 328	P	P	14 11 16.7	-0.3
JCT	comp=Z,20nm,0.9s		I	Amb	14 11 18.2	
JCT	Junction City	58.35 328	P	P	14 11 17.3	+0.3
JCT	baz=145,SNR=9.7		I	Amb	14 11 17.0	-0.1
JCT	Junction City	58.35 328	P	P	14 11 17.0	-0.1
JCT	comp=Z,145,SNR=9.7		I	Amb	14 11 16.7	-0.3
JCT	Junction City	58.35 328	P	P	14 11 16.7	-0.3
JCT	comp=Z,20nm,0.9s		I	Amb	14 11 16.7	-0.3
U49A	Red Boiling Sp	58.41 344	P	P	14 11 16.2	-1.0
U49A	comp=Z,17nm,0.8s		I	Amb	14 11 17.6	
U49A	Red Boiling Sp	58.41 344	P	P	14 11 16.4	-0.9

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WHTX	Lake Whitney,	58.50 331	P	P	14 11 18.7	-0.2
WHTX	Lake Whitney,	58.50 331	P	P	14 11 18.4	+0.3
WHTX	comp=Z,148,SNR=6.6		I	Amb	14 11 18.3	+0.3
WHTX	Lake Whitney,	58.50 331	P	P	14 11 18.3	+0.3
Z38A	Mt. Pleasant	58.53 334	P	P	14 11 18.7	+0.6
Z38A	comp=Z,39nm,0.8s		I	Amb	14 11 19.9	
Z38A	Mt. Pleasant	58.53 334	P	P	14 11 19.1	+0.9
Z38A	baz=151,SNR=10.0		I	Amb	14 11 19.1	+0.9
WVT	Waverly	58.62 342	P	P	14 11 17.6	-1.1
WVT	comp=Z,34nm,0.8s		I	Amb	14 11 18.7	
WVT	Waverly	58.62 342	P	P	14 11 18.1	-0.6
WVT	baz=159,SNR=22		I	Amb	14 11 18.1	-0.6
WVT	Waverly	58.62 342	P	P	14 11 17.8	-0.9
WVT	baz=159		I	Amb	14 11 17.8	-0.9
WVT	Waverly	58.62 342	P	P	14 11 17.6	-1.1
WVT	comp=Z,34nm,0.8s		I	Amb	14 11 17.6	-1.1
WVT	Waverly	58.62 342	P	P	14 11 17.7	-0.9
WVT	baz=166,SNR=14		I	Amb	14 11 17.7	-0.9
WVT	Waverly	58.62 342	P	P	14 11 17.6	-1.1
WVT	comp=Z,34nm,0.8s		I	Amb	14 11 17.6	-1.1
WVT	Waverly	58.62 342	P	P	14 11 17.7	-0.9
WVT	baz=166,SNR=14		I	Amb	14 11 17.7	-0.9
WVT	Waverly	58.62 342	P	P	14 11 17.6	-1.1
WVT	comp=Z,34nm,0.8s		I	Amb	14 11 17.6	-1.1
WVT	Waverly	58.62 342	P	P	14 11 17.7	-0.9
WVT	baz=166,SNR=14		I	Amb	14 11 17.7	-0.9
WVT	Waverly	58.62 342	P	P	14 11 17.6	-1.1
WVT	comp=Z,34nm,0.8s		I	Amb	14 11 17.6	-1.1
WVT	Waverly	58.62 342	P	P	14 11 17.7	-0.9
WVT	baz=166,SNR=14		I	Amb	14 11 17.7	-0.9
WVT	Waverly	58.62 342	P	P	14 11 17.6	-1.1
WVT	comp=Z,34nm,0.8s		I	Amb	14 11 17.6	-1.1
WVT	Waverly	58.62 342	P	P	14 11 17.7	-0.9
WVT	baz=166,SNR=14		I	Amb	14 11 17.7	-0.9
WVT	Waverly	58.62 342	P	P	14 11 17.6	-1.1
WVT	comp=Z,34nm,0.8s		I	Amb	14 11 17.6	-1.1
WVT	Waverly	58.62 342	P	P	14 11 17.7	-0.9
WVT	baz=166,SNR=14		I	Amb	14 11 17.7	-0.9
WVT	Waverly	58.62 342	P	P	14 11 17.6	-1.1
WVT	comp=Z,34nm,0.8s		I	Amb	14 11 17.6	-1.1
WVT	Waverly	58.62 342	P	P	14 11 17.7	-0.9
WVT	baz=166,SNR=14		I	Amb	14 11 17.7	-0.9
WVT	Waverly	58.62 342	P	P	14 11 17.6	-1.1
WVT	comp=Z,34nm,0.8s		I	Amb	14 11 17.6	-

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes entries like BRYW Bryant College, OK052 Battle Ridge R, etc.

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes entries like L48A comp=Z,35nm,0.7s, L48A N Adams, etc.

Table with columns: ID, Name, Address, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes entries like I42A Draeger Farm, I40A Norwalk, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time Res, h m s, ISC. Includes stations like R33M Jennings River, SUMG Summit, R33M Eaglecrest, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time Res, h m s, ISC. Includes stations like ZALV Zalesovo Beam, AAK Ala-Archa, BOD Bodaibo, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time Res, h m s, ISC. Includes stations like GO07 Milladeo Hill, LL07 Hotel Espejo d, LL07 Hotel Espejo d, etc.

Principal axes: T 2.3197, Plg64.0000°, Azm58.0000°; N -0.1386, Plg18.0000°, Azm190.0000°; P -2.1811, Plg18.0000°, Azm286.0000°; ...

25d 14h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like H03N1 Juan Fernandez, H03N2 Juan Fernandez, VA03 San Esteban, etc.

2016 DEC

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like PB09 IPOC Station P, PMSA Palmer Station, PMSA Palmer Station, etc.

1854

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like SAML Samuel, SAML Samuel, SAML Samuel, etc.

25d 14h

Table with columns: ID, Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Rate, Elevation Rate, Azimuth Error, Elevation Error. Includes stations like Hilliard, Keimoes, Verno, Somers East, Sierra La Lagu, Grahamstown, etc.

2016 DEC

Table with columns: ID, Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Rate, Elevation Rate, Azimuth Error, Elevation Error. Includes stations like Grady, Grady, DeRidder, BB Station, Kaweka Forest, etc.

1856

Table with columns: Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Rate, Elevation Rate, Azimuth Error, Elevation Error. Includes stations like Nacogdoches, Nacogdoches, Nacogdoches, etc.

1857

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like W57A, X48A, BG3, etc.

2016 DEC

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like V48A, LB7B, U54A, etc.

25d 14h

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like SLR, PARMO, WMOK, etc.

25d 14h

Table with columns: Call ID, Name, Frequency, Power, Mode, and other technical details. Includes entries like WCI Wyandotte Cave, DUN6 Lazy B Ranch, and P49A Miami Univ. Ec.

2016 DEC

Table with columns: Call ID, Name, Frequency, Power, Mode, and other technical details. Includes entries like P48A Milroy, ANMO Albuquerque, and M57A Sunshine Farm.

1858

Table with columns: Call ID, Name, Frequency, Power, Mode, and other technical details. Includes entries like MOPA Mopani, P38A Dav, and M55A Ridgway.

25d 14h

PKME	comp=Z,290um,22.0s	88.40	3	P	P	14 35 14.4	0.0
PKME	Peaks-Kenny Pk	88.40	3	P	P	14 45 57.5	+0.6
PKME	Peaks-Kenny Pk	88.40	3	P	P	14 35 14.6	+0.2
PKME	Peaks-Kenny Pk	88.40	3	P	P	14 46 00.1	+3.2
G65A	Princeton	88.42	4	I	I	14 35 57.8	
G65A	Princeton	88.42	4	P	P	14 35 14.4	0.0
G65A	Princeton	88.42	4	P	P	14 35 14.4	0.0
PKM	Mpgherson Peak	88.46	324	P	P	14 35 14.7	-0.6
MPMC	Manual Prospec	88.49	326	P	P	14 35 16.2	+0.9
MPMC	Manual Prospec	88.49	326	P	P	14 46 04.5	+5.7
K31A	O'Neill	88.52	342	P	P	14 35 14.2	-0.9
K31A	O'Neill	88.52	342	P	P	14 46 00.0	+1.7
MNTQ	Montreal, Queb	88.54	0	I	I	14 35 27.8	
ISA	Isabella, Lake	88.56	325	P	P	14 35 16.5	+1.0
ISA	Isabella, Lake	88.56	325	P	P	14 46 06.2	+7.0
SRU	San Rafael Swe	88.58	332	I	I	14 35 37.8	
FURC	Furnace Creek	88.59	327	P	P	14 35 16.6	+1.1
FURC	Furnace Creek	88.59	327	P	P	14 46 04.3	+5.1
MACI	Morro de la Ar	88.64	48	P	P	14 35 16.1	-0.1
G45A	Suttons Ranch	88.70	352	P	P	14 35 14.7	-1.1
G45A	Suttons Ranch	88.70	352	P	P	14 35 14.7	-1.1
G45A	Suttons Ranch	88.70	352	P	P	14 35 14.7	-1.1
G45A	Suttons Ranch	88.70	352	P	P	14 46 00.4	+0.6
G45A	Suttons Ranch	88.70	352	P	P	14 46 00.4	+0.6
PRN	Pahroc Range	88.70	328	I	I	14 35 39.8	
PRN	Pahroc Range	88.70	328	I	I	14 35 39.8	
PRN	Pahroc Range	88.70	328	I	I	14 35 16.2	0.0
N23A	Red Feather La	88.76	336	I	I	14 35 17.6	-0.2
N23A	Red Feather La	88.76	336	I	I	14 35 17.6	-0.2
N23A	Red Feather La	88.76	336	I	I	14 35 16.5	-0.1
N23A	Red Feather La	88.76	336	I	I	14 46 04.5	+3.3
TORD	Torodi Ar, Bea	88.76	71	P	P	14 35 16.7	-0.2
TORD	Torodi Ar, Bea	88.76	71	P	P	14 35 16.7	-0.2
TORD	Torodi Ar, Bea	88.76	71	P	P	14 45 44.5	+0.6
TORD	Torodi Ar, Bea	88.76	71	P	P	14 45 44.5	+0.6
TORD	Torodi Ar, Bea	88.76	71	P	P	14 45 55.0	-0.3
TORD	Torodi Ar, Bea	88.76	71	P	P	14 45 55.0	-0.3
O20A	White River C	88.77	334	P	P	14 35 16.5	-0.1
O20A	White River C	88.77	334	P	P	14 46 05.2	+4.0
TPNV	Topopah Spring	88.77	327	P	P	14 35 17.0	+0.4
TPNV	Topopah Spring	88.77	327	P	P	14 46 07.2	+5.9
TPNV	Topopah Spring	88.77	327	P	P	14 35 17.0	+0.4
I37B	Waseca	88.78	346	P	P	14 35 15.6	-0.7
I37B	Waseca	88.78	346	P	P	14 46 00.3	-0.4
F63A	Nahmakanta, Br	88.84	3	I	I	14 35 29.7	
F63A	Nahmakanta, Br	88.84	3	I	I	14 35 16.3	-0.2
F63A	Nahmakanta, Br	88.84	3	I	I	14 35 16.3	-0.2
F63A	Nahmakanta, Br	88.84	3	I	I	14 46 04.0	+2.8
F63A	Nahmakanta, Br	88.84	3	I	I	14 46 04.0	+2.8
SMMC	Simmler	88.90	324	P	P	14 35 17.8	+0.7
SMMC	Simmler	88.90	324	P	P	14 46 08.5	+6.1
VES	Vestal, Richgr	88.96	325	P	P	14 35 17.6	+0.3
VES	Vestal, Richgr	88.96	325	P	P	14 46 09.5	+6.7
P17A	Butcher Ranch	88.98	332	I	I	14 35 39.7	
P17A	Butcher Ranch	88.98	332	I	I	14 35 39.5	
PHWY	Pilot Hill	89.00	337	I	I	14 35 38.8	
F62A	Pittston Farm,	89.00	3	I	I	14 35 30.5	
F62A	Pittston Farm,	89.00	3	I	I	14 35 17.3	+0.1
F62A	Pittston Farm,	89.00	3	I	I	14 35 17.3	+0.1
F62A	Pittston Farm,	89.00	3	I	I	14 46 02.8	+0.1
F62A	Pittston Farm,	89.00	3	I	I	14 46 02.8	+0.1
F64A	Sherman	89.04	4	I	I	14 35 37.1	
F64A	Sherman	89.04	4	I	I	14 35 15.5	-1.9
F64A	Sherman	89.04	4	I	I	14 35 15.5	-1.9
F64A	Sherman	89.04	4	I	I	14 46 04.4	+1.5
F64A	Sherman	89.04	4	I	I	14 46 04.4	+1.5
CWC	Cottonwood Cre	89.06	326	P	P	14 35 18.3	+0.3
CWC	Cottonwood Cre	89.06	326	P	P	14 46 08.6	+4.5
ECSD	EROS Data Cent	89.12	344	I	I	15 13 21.7	
ECSD	EROS Data Cent	89.12	344	I	I	14 35 16.8	-1.0
ECSD	EROS Data Cent	89.12	344	I	I	14 46 05.3	+1.4
ECSD	EROS Data Cent	89.12	344	I	I	14 35 17.2	-0.7
ECSD	EROS Data Cent	89.12	344	I	I	14 46 06.2	+2.3
GBN	Gaysborough	89.13	9	I	I	14 35 31.2	
GRAC	Grapevine Rang	89.25	327	P	P	14 35 19.8	+1.1
GRAC	Grapevine Rang	89.25	327	P	P	14 46 10.9	+5.3
LMN	Caledonia Moun	89.26	6	I	I	14 35 31.1	
LRQ	Mont Tremblant	89.26	360	I	I	14 35 43.0	
GMN	Gold Mountain	89.47	327	I	I	14 35 39.1	
G40A	Rib Lake	89.49	349	I	I	14 35 18.8	-0.8
G40A	Rib Lake	89.49	349	I	I	14 46 07.0	-0.3
VOG	Valley Oaks Go	89.50	325	P	P	14 35 20.1	+0.3
VOG	Valley Oaks Go	89.50	325	P	P	14 46 09.9	+2.2
LCH	Last Change Ra	89.57	327	I	I	14 35 42.4	
RDMU	Red Mountain	89.58	334	I	I	14 35 41.7	
E63A	Oxbow	89.59	4	P	P	14 35 19.0	-1.0
E63A	Oxbow	89.59	4	P	P	14 35 19.0	-1.0

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E63A	baz=184	S	S	14 46 10.4	+2.3		
E63A	baz=184	S	S	14 46 10.4	+2.3		
TIN	Timemaha, Big	89.65	326	P	P	14 35 21.2	+0.5
TIN	Timemaha, Big	89.65	326	P	P	14 46 13.4	+4.0
F42A	Maple Grove Fa	89.69	350	P	P	14 35 20.1	-0.3
F42A	Maple Grove Fa	89.69	350	P	P	14 46 10.4	+1.3
R11A	Troy Canyon, C	89.73	328	I	I	14 35 43.4	
R11A	Troy Canyon, C	89.73	328	I	I	14 35 21.6	+0.5
R11A	Troy Canyon, C	89.73	328	I	I	14 46 12.4	+2.2
E62A	Clayton Lake	89.74	3	P	P	14 35 19.7	-1.0
E62A	Clayton Lake	89.74	3	P	P	14 35 19.7	-1.0
E62A	Clayton Lake	89.74	3	P	P	14 46 09.7	+0.1
E62A	Clayton Lake	89.74	3	P	P	14 46 09.7	+0.1
MPU	Maple Canyon	89.77	332	I	I	14 35 41.8	
DSP	Deep Springs	89.82	326	I	I	14 35 43.6	
SPR3	Spring Creek 3	89.83	330	I	I	14 35 44.2	
SPMN	Marine on St.	89.85	347	I	I	14 35 40.1	
SPMN	Marine on St.	89.85	347	I	I	14 35 20.0	-1.3
SPMN	Marine on St.	89.85	347	I	I	14 46 17.0	0.0
SPMN	Marine on St.	89.85	347	I	I	14 35 19.5	-1.8
SPMN	Marine on St.	89.85	347	I	I	14 46 11.1	+0.4
PQI	Presque Isle	89.86	4	I	I	14 35 34.0	
PQI	Presque Isle	89.86	4	I	I	14 35 34.0	
MZP	Montezuma Peak	89.87	327	I	I	14 35 44.0	
NLU	North Lily Min	89.87	332	I	I	14 35 43.6	
E46A	Sault Ste Mari	89.88	353	P	P	14 35 20.6	-0.7
E46A	Sault Ste Mari	89.88	353	P	P	14 46 10.3	-0.5
E43A	Lone Tree Farm	90.16	351	P	P	14 35 22.3	-0.3
E43A	Lone Tree Farm	90.16	351	P	P	14 46 12.1	-1.3
D62A	Allapott, All	90.22	3	I	I	14 35 41.9	
D62A	Allapott, All	90.22	3	I	I	14 35 22.0	-0.9
D62A	Allapott, All	90.22	3	I	I	14 35 22.0	-0.9
D62A	Allapott, All	90.22	3	I	I	14 46 12.4	-1.5
D62A	Allapott, All	90.22	3	I	I	14 46 12.4	-1.5
SUSD	Miller	90.29	342	I	I	14 35 47.2	
SUSD	Miller	90.29	342	I	I	14 35 21.9	-1.5
SUSD	Miller	90.29	342	I	I	14 35 21.7	-1.6
SUSD	Miller	90.29	342	I	I	14 46 15.9	+1.1
DUG	Dugway, Tooele	90.34	331	I	I	14 35 45.5	
DUG	Dugway, Tooele	90.34	331	I	I	14 35 23.9	+0.1
DUG	Dugway, Tooele	90.34	331	I	I	14 46 20.9	+5.1
MLAC	Mammoth, Mam	90.39	326	P	P	14 35 24.9	+0.6
MLAC	Mammoth, Mam	90.39	326	P	P	14 46 21.0	+4.5
MSVF	Nonsavu	90.44	245	LR	LR	15 07 15.0	
MSVF	Nonsavu	90.44	245	LR	LR	14 35 28.8	+3.9
OMMB	Old Mammoth Mi	90.44	326	I	I	14 35 47.5	
MDPB	Devils Postpil	90.49	326	I	I	14 35 46.9	
K22A	Casper	90.55	337	P	P	14 35 24.6	-0.2
K22A	Casper	90.55	337	P	P	14 35 24.4	-0.4
K22A	Casper	90.55	337	P	P	14 46 17.0	-0.6
BATG	Bathurst New B	90.58	5	I	I	14 35 37.5	
F36A	Milaca	90.59	346	I	I	14 35 43.7	
F36A	Milaca	90.59	346	I	I	14 35 23.1	-1.5
LHV	Little Hootoon	90.79	326	I	I	14 35 53.6	
NVAR	Mina Array Bea	90.86	327	P	P	14 35 26.4	0.0
NVAR	Mina Array Bea	90.86	327	P	P	14 45 52.7	-2.8
NVAR	Mina Array Bea	90.86	327	P	P	14 52 51.8	+0.1
NVAR	Mina Array Bea	90.86	327	P	P	15 01 02.2	+5.6
NVAR	Mina Array Bea	90.86	327	P	P	15 08 42.9	
E38A	The Farm, Brul	91.00	348	P	P	14 35 25.4	-1.2
E38A	The Farm, Brul	91.00	348	P	P	14 35 45.7	
E38A	The Farm, Brul	91.00	348	P	P	14 35 25.2	-1.4
H07S	FLORES T-PHASE	91.02	32	P	P	14 35 20.0	-6.9
H07S	FLORES T-PHASE	91.02	32	P	P	14 35 25.6	-0.6
D41A	Chassel	91.03	350	P	P	14 35 25.6	-1.1
LHI	Lord Howe Isla	91.05	223	P	P	14 35 27.4	-0.

25d 14h

Table with columns for station ID, name, frequency, power, and various signal quality metrics (Pdiff, P, PKP, etc.). Includes stations like Talbot Arm, Upper Big House, Mount Upton, etc.

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Table with columns for station ID, name, frequency, power, and various signal quality metrics. Includes stations like Beaver Creek, Anoyia, Chitina, etc.

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Table with columns for station ID, name, frequency, power, and various signal quality metrics. Includes stations like Colim, Karp, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like San Ignacio de, Paso Flores, Universidad Au, and various other locations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like Gilead, Lake Jocassee, Kings Mountain, Signal Mount, and various other locations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like Grapevine Rang, Marine on St., Sault Ste Mari, Mammoth, and various other locations.

RHSSO 25 14:36:10.5:0.2,44:33N:17:54E,h3km±1km,ML2.0/11
ISC 25 14:36:10.1±1.1,44:35N:02:17:56E,0.02,h2km±10km,
n27,0±57/51,4C,Northwestern Balkan Peninsula

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Frontone, Corinaldo, Monte Paganucc, etc.

IDC 25 15:03:15.1±2.3, 5.16N, 125.53E, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=183.5km s-min=28.4km az=65.0

MAN 25 15:03:21.6, 5.53N, 126.77E, h38km, mb4.9, ML3.8, MS3.8 ISC 25 15:03:19.6±1.4, 5.53N, 126.8E±0.1, h35km, n7, ±1956/8, mb3.3/3, 2C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like General Santos, Davao City (W), KCP, etc.

IDC 25 15:14:16.0±1.4, 6.09S, 149.45E, h70km, 14km, mb3.4/9, mbmp3.8/11, Error ellipse: s-maj=28.6km s-min=8.9km az=130.0

NEIC 25 15:14:16.5±1.4, 6.1S±0.1, 149.5E±0.1, h59km, 7km, mb4.1/9, Error ellipse: s-maj=23.7km s-min=10.3km az=134.0

ISC 25 15:14:15.3±0.6, 6.00S±0.10, 149.4E±0.1, h58km, n34, ±f102/33, mb3.5/8, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Keravat, Rabaul, Port Moresby, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Makanchi Array, South Pole Qui, etc.

IDC 25 15:16:56.4±1.5, 43.51S, 74.15W, h0km, mb4.1/9, mbmp4.1/10, ML4.1/1, Error ellipse: s-maj=35.7km s-min=27.2km az=99.0

NEIC 25 15:17:00.9±1.7, 43.27S±0.04, 74.47W±0.1, h30km, 7km, mb4.3/8, ML4.5(GUC), Error ellipse: s-maj=12.8km s-min=7.3km az=103.0

GUC 25 15:17:02.0±0.6, 43.27S±0.04, 74.41W, h1km, 2km, ML4.4 ISC 25 15:17:00.9±1.7, 43.27S±0.04, 74.37W±0.09, h31km±10km, n60, ±f1956/67, mb4.3/11, D, Southern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Milladeo Hill, Hotel Espejo d, etc.

LR02 Universidad Au 3.56 14 i P Pn 15 17 57.1 +3.0

PLCA Paso Flores 3.81 50 i P Pn 15 17 59.3 +1.7

PLCA comp=E, 5.8nm, 0.3s, bsz=220, slow=12, SNR=13

PLCA comp=E, 6.1nm, 0.3s, bsz=152, slow=11, SNR=3.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Panguipulli, Curarahue, etc.

H03S2 Juan Fernandez 10.07 338 T T 15 29 42.8

H03S3 Juan Fernandez 10.08 337 T T 15 29 43.9

MT05 Renca 12.07 17 Pn 15 19 27.1 +1.0

TR0A El Roble 10.61 15 Pn 15 19 30.2 +0.8

CO03 EI Pedregal 12.75 14 Pn 15 19 59.0 -1.2

AC05 EI Trauco 14.78 14 Pn 15 20 25.3 +2.5

AC02 Maricunga 16.95 16 P P 15 20 57.8 +0.8

IT0B Itaqi 19.64 52 P P 15 21 23.9 -3.1

LVC Limon Verde 21.10 14 P P 15 21 45.7 +2.5

CPUP Villa Florida 21.87 45 P P 15 21 51.7 +0.6

CPUP Villa Florida 21.87 45 P P 15 21 51.4 +0.4

ITAB Concordia 24.09 56 P P 15 22 12.4 -1.3

LPAZ La Paz 27.42 13 P P 15 22 45.4 +0.9

AQDB Aquidauana 27.59 40 P P 15 22 44.1 -1.2

SIV San Ignacio 29.47 27 P P 15 23 01.9 -0.2

PTLB Pontes e Lacer 30.64 30 P P 15 23 11.6 -0.8

BDFB Brasilia 35.56 47 P P 15 23 54.8 -0.7

BDFB Brasilia 35.56 47 P P 15 23 54.6 -0.9

TXAR Lajitas Arr 77.10 334 P P 15 28 53.7 +2.6

BOSA Boshof 77.41 117 P P 15 28 51.8 -1.4

BOSA Boshof 77.41 117 P P 15 28 52.8 -0.5

DBIC Dimbokro 79.92 71 P P 15 29 06.7 -0.3

LTBT Lobatse 80.07 115 P P 15 29 06.5 -1.3

TORD Torodi Arr. Bea 89.03 71 P P 15 29 53.3 +0.3

MKAR Makani Array 163.15 70 PKPab PKPab 15 37 51.1 +1.1

GUC 25 15:21:07.0±0.6, 43.27S±0.06, 74.48W, h7km, 3km, ML3.8

NEIC 25 15:21:08.5±2.3, 43.24S±0.05, 74.40W±0.09, h22km, 5km, ML4.0/20, ML3.8(GUC), Error ellipse: s-maj=9.3km s-min=6.9km az=102.0

ISC 25 15:21:08.2±0.2, 43.26S±0.06, 74.47W±0.08, h16km±10km, n30, ±f193/38, Southern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Milladeo Hill, Hotel Espejo d, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Loncomilla, etc.

AY01 Puyuhuapi 1.76 132 eP Pn 15 21 36.2 -0.4

AY01 Puyuhuapi 1.76 132 eP Pn 15 21 36.4 -0.2

LL03 Petrohue 2.62 37 Pn IAML 15 21 49.1 +0.8

LL03 Petrohue 2.62 37 eP IAML 15 21 49.5 +1.1

LL03 Puerto Octay 2.80 34 Pn IAML 15 21 51.6 +0.7

LL04 Puerto Octay 2.80 34 i P Pn 15 21 52.5 +1.6

COYC Coyhaique 2.88 144 Pn IAML 15 21 54.0 +2.0

COYC Coyhaique 2.88 144 eP IAML 15 21 54.0 +2.0

PLCA Paso Flores 3.86 51 Pn Pn 15 22 07.9 +1.8

LR03 Panguipulli 3.96 25 Pn IAML 15 23 10.9

GO06 Curarahue 4.31 33 Pn Pn 15 22 13.0 +1.3

B105 Punta Hualpin 6.57 9 Pn Pn 15 22 44.3 +1.6

BO02 Sierra Bellavi 8.92 20 Pn Pn 15 23 15.3 +0.3

MT01 Popeta 9.71 16 Pn Pn 15 23 25.0 -0.8

ITAB Concordia 24.15 56 P P 15 26 20.1 -1.9

LBTB Lobatse 80.14 115 P P 15 33 14.9 -1.5

WMOK Wichita Mounta 80.73 340 P P 15 33 19.2 +0.3

R55A Marlinton 81.32 356 P P 15 33 21.0 -1.0

IDC 25 15:27:01.0±2.1, 34.99N, 139.89E, h0km, mb3.3/3, mbmp3.3/4, ML2.3/1, Error ellipse: s-maj=63.3km s-min=21.6km az=64.0

JMA 25 15:27:04.9±0.2, 35.4N, 140.4E±0.9, h58km, 1km, MV2.9/39, KUJUKURI COAST BOSSO PEN.

JMA Felti J1 at KUJUKURI COAST BOSSO PEN. ISC 25 15:27:05.2±1.0, 35.37N, 140.04±140.39E±0.05, h58km, 6km, n21, ±0.74/24, mb3.5/3, Near east coast of eastern Honshu

JCN Nagara 0.16 286 Op Pn 15 27 14.3 +0.1

KTR Katsura 0.23 196 P Pn 15 27 14.3 -0.3

KJUC kamogawauchir 0.27 217 i P Pn 15 27 14.6 -0.3

JSMT Samnumatsuo 0.27 9 P Pn 15 27 19.1 -0.3

BS04 Boso 4.39 187 P Pn 15 27 15.8 +0.1

CH0J Choshi 0.50 49 i P Pn 15 27 16.5 -0.5

BS03 Boso 3.05 170 eS Pn 15 27 24.7 -0.8

BS01 Boso 1.06 146 eP Pn 15 27 20.2 -0.6

JYT Yasato 0.87 349 eP Pn 15 27 20.7 -0.8

JYJ Yusa 0.87 349 eS Pn 15 27 32.3 -1.0

JIM2 Oshima 3. 1.02 231 P Pn 15 27 22.6 -1.0

JOD2 Odawara 2 1.07 264 P Pn 15 27 23.9 -0.3

JOD2 Matushiro Arr 2.12 304 Pn 15 27 38.2 -0.9

MJAR 1.0nm, 0.3s, bsz=138, slow=12, SNR=73 0.4nm, 0.9s, bsz=137, slow=16, SNR=3.7 7.6nm, 0.4s

H11N2 WAKE ISLAND Hy 28.07 117 T T 16 02 08.4

H11N1 WAKE ISLAND Hy 28.08 117 T T 16 02 08.9

H11N3 WAKE ISLAND Hy 28.09 117 T T 16 02 09.8

H11S1 WAKE ISLAND Hy 28.27 119 T T 16 03 00.9

H11S3 WAKE ISLAND Hy 28.27 119 T T 16 03 00.4

H11S2 WAKE ISLAND Hy 28.73 119 T T 16 02 58.9

MKAR Makanchi Array 44.32 303 P P 15 35 09.7 +0.3

WRA Warrungarra Arr 55.31 187 P P 15 36 32.6 -0.4

ASAR Alice Springs 59.04 187 P P 15 37 00.9 +1.7

IDC 25 15:32:16.8±7.2, 38.54N, 135.65E, h190km, 56km, mb2.9/2, mbmp3.3/3, Error ellipse: s-maj=120.4km s-min=80.7km az=65.0

JMA 25 15:32:20.5±1.1, 35.2N, 141.2E±0.8, h38km, 2km, MV2.8/29, E OFF BOSSO PENINSULA

ISC 25 15:32:20.5±1.1, 35.21N, 141.3E±0.1, h35km, n10, ±f251/13, 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 Boso, Choshi, etc.

NEIC 25 15:41:48.8±1.1, 41.33S±0.05, 74.5W±0.1, h15km, 6km, mb4.4/6, ML4.0(GUC), Error ellipse: s-maj=12.9km s-min=7.3km az=92.0

GUC 25 15:41:51.6±1.1, 41.33S±0.05, 74.26W, h27km, 3km, ML3.9

ISC 25 15:41:50.1±1.5, 41.33S±0.05, 74.4W±0.1, h20km, 7km, n33, ±0.90/42, mb4.4/4, 1C-2D, Southern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Warrungarra Arr, Alice Springs, etc.

25d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Milladeo Hill, Hotel Espejo d, Loncomilla, Puyuhuapi, etc.

KRNET 25 15:50:43.4.0.1, 39.17N:70.68E, h8km, mb3.4
NNC 25 15:50:47.7.2.6, 39.34N:70.48E, h0km, mb3.7, mpv3.3,
Error ellipse: s-maj=24.1km s-min=14.7km az=164.0

ISC 25 15:50:43.9.1.0, 39.16N:0.06:70.65E:0.05, h10km, n11,
c351521, 9C-15D, Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Garm, Batken, BTK, CHGR, OHH, TRKS, TAS, ARLS, KK31, etc.

DDA 25 15:52:43.7.0.0, 39.66N:38.68E, h7km, 1km, ML2.3
ISK 25 15:52:43.6.39.69N:38.74E, h8km, ML2.5/4
ISC 25 15:52:43.7.1.2, 39.69N:0.03:38.72E:0.03, h8km, 14km,
n11, c0562/19, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KEMA, KELT, SUSE, ARPR, ERZIN, etc.

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DJA 25 15:53:10.2.0.3, 2N:4.12:7E.1, h115km, 3km, M4.7/18,
mB5.7/2, mb4.7/18, MLv4.7/13, Mw(MB)5.2/2
NEIC 25 15:53:11.0.1.4, 1.60N:0.08:127.29E:0.09, h131km, 7km,
mb4.4/12, Error ellipse: s-maj=13.6km s-min=11.0km
az=55.0
IDC 25 15:53:12.7.2.5, 1.57N:127.40E, h143km, 24km, mb3.7/9,
mbmp4.2/11, Error ellipse: s-maj=31.3km s-min=13.2km
az=58.0
ISC 25 15:53:10.6.0.6, 1.62N:0.05:127.30E:0.07, h128km, n69,
c1947/76, mb4.3/14, 1C-4D, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TNTI, SGTI, SANI, GTOI, etc.

ISC 25 16:04:20.3.1.9, 9.92S:125.40E, h0km, mb3.7/1,
smbmp3.2/3, ML2.8/2, Error ellipse: s-maj=35.6km
s-min=27.3km az=6.0, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WB0, WRAB, WRB, WRA, WRA, WB2, WR0, CGJI, MDSI, QIS, AS31, ASAR, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Hotel Espejo d, Loncomilla, Puyuhuapi, etc.

IDC 25 16:08:13.1.1.0, 2.73N:128.41E, h203km, 100km,
mb3.0/4, mbmp3.5/4, Error ellipse: s-maj=142.9km

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TATJ Tateyama 2, JOD2 Odawara 2, JKT Odawara 2, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like YAK Yakutsk, ULN Ulaanbaatar, SONM Songino Array, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GSI Sand Creek, KNRA Kununurra, KK31 Karatay Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like PETF Flores, CMIG Matias Romero, TBI Tubuai, MAW Mawson, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like V12A Nelson, KNB Kanab, SHPR Shee Range, GWY Greenwater Val, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like BOQS Boqueron, PACA Pacayal, CEVE Cerro Verde, SNUE San Jose, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like ZALV, CMAR, MK31, H2K3, COLA, POKR, ILAR, ILAR, SCRK, JIRN, GARB, TARG, KKN, PKI, DMN, GKN, BRVK, KOLN, AAK, KSH, SVE, GAR, NIL, ARU, CHGR, ABKAR, KBL, KIRV, WRA, YKA, YKA, ASAR, GEYT, GEYT, GYA0B, VRH, OBN, OBN, OBN, FINES, LPSR, VORR, VORR, VSR, SUMG, KIV, KIV.

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like KIV, KBZ, KBZ, GNI, WSAR, LHV, LHV, NVAR, NOA, NOA, AKASG, AKASG, AKKB, GURO, WCT, PDAR, BRTR, BRTR, DPC, DPC, VYHS, VYHS, CLL, CLL, CLL, CLL, PRU, PRU, CKRC, KHC, KHC, RONA, GERES, SOKA, OBKA, ABTA, MOTA, META, META, DAVA, TXAR, TXAR.

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like MKAR, ZAAO, ZAAO, ZALV, ZALV, ZALV, ILAR, ILAR, KURK, KURK, NRIK, NRIK, INK, INK, YKA, YKA, BDFB, BDFB, TORO, TORO, ILULI, ILULI, EKA, EKA, SCHO, SCHO, SCHO, SCHO, HAL, HAL, HAL, HAL, ESDE, ESDE, STU, STU, GERES, GERES, GERES, GERES, VLN, VLN, VLN, VLN, CIMO, CIMO, CIMO, CIMO, TEOL, TEOL, ARCES, ARCES, ARCES, ARCES, PAGES, PAGES, PAGES, PAGES, R61A, R61A, M52A, M52A, I45A, I45A, F42A, F42A, L46A, L46A, KEST, KEST, DIVS, DIVS, U54A, U54A, HQIL, HQIL, HQIL, HQIL, TZTN, TZTN, TZTN, TZTN, BURAR, BURAR, V53A, V53A, AKASG, AKASG, FNA, FNA, W50A, W50A, S44A, S44A, YKA, YKA, YKA, YKA, CCM, CCM, CCM, CCM, Y49A, Y49A, LNXT, LNXT, LNXT, LNXT, P38A, P38A, P38A, P38A, RDO, RDO, ANW5, ANW5, 352A, 352A, 352A, 352A, MGMO, MGMO, MGMO, MGMO, LCAR, LCAR, 250A, 250A, 250A, 250A, S39A, S39A, S39A, S39A, CUPR, CUPR, CUPR, CUPR, SC01, SC01, MIAR, MIAR, MIAR, MIAR, EGMT, EGMT, EGMT, EGMT, OK046, OK046, OK046, OK046, OK048, OK048, OK048, OK048, BCOK, BCOK, BCOK, BCOK, GRGR, GRGR, BR131, BR131, BR131, BR131, BRTR, BRTR, BRTR, BRTR.

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Table with columns: BRTR, Station Name, Az, El, P, S, Time, Res. Includes stations like Keskin Array B, ELIS County, PDAR Pinedale Array, REDW Red Top Meadow, HKT Hockley, KBZ Khabaz, TORO Torodi Ar. Bea, BOBA Colville Reser, ILAR Eielson Array, ILAR Eielson Array, JLU Jordanelle, BARN Barnard Glacie, MCK McKinley, DBIC Dimbokoro, DBIC Dimbokoro, CUT Chuilina, GHJ Ghor Haditha, TXAR Lajitas Array, TXAR Lajitas Array, DUNG Lazy B Ranch, TUC Tucson, GMN Gold Mountain, GWY Greenwater Val, HPIG HPIG, CNNG Cerro Negro, ROSC El Rosal, TLIG Tiapa, ZALV Zalesovo Beam, SPJA Saint Paul Is, MAKZ Makanchi, MKAR Makanchi Array, BDFB Brasilia, SONM Songoing Array, PB16 IPOC Station P, YSS Yuzh-Sakhalins, TJN Taejon, HJS Saijiyo, QSPA South Pole Qui, WRA Warramunga Arr, ASAR Alice Springs, BGR 26 00:08:26.9, UCC 26 00:08:27.2, BNS 26 00:08:27.2, LDG 26 00:08:27.2, STR 26 00:08:30.4, Code Station Name, DREG Dreilaegerbach, GSH Grosshaus, KLL Kallitasperre, OLFT Olftalpersperre, OLFT Sindorf, BD07 Roetschberg, BEBN Eben Emael, RODG Roetgen-Dahlhe, BLCH La Chartreuse, STB Steinbach, BHOU Houvezgen, PLH Pulheim, BSTI Sart Tilman, TDN Todendfen, HLG Hillesheim, AHRW Ahrw, LOH Wallersheim-Lo, LKLB Kalborn, BCLA Clavier, BHE Schloss Buere, HOBG Hobbusch, LAUG Laupendahl, HES Velbert-Hesper, BGES Gesves, LVIA Vianden, comp=E,34nm,0.1s

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Table with columns: BMOL Mol, Station Name, Az, El, P, S, Time, Res. Includes stations like Mol, Rochefort, Ennepetalsperre, Burgitz, Bochem-Unioner, Maredsous, Walferdange, Walferdange, Walferdange, Riveris, Givet, Alteburg, Alteburg, Alteburg, Dourbes, Dourbes, Dourbes, Sort, Sort, Sort, Winterswijk, Winterswijk, Ronquiere, Himes, Michael, Steenkerk, KASTN Kahler Asten, BAIF Baives, TNS Tausius Mts, PAGF Fort de Pagny, PAGF Fort de Pagny, SAVF Savonnières en, SAVF Savonnières en, SAVF Savonnières en, MEZF Maizieres Jvi, MEZF Maizieres Jvi, MEZF Maizieres Jvi, CDF Champ du Feu, CDF Champ du Feu, WLS Welschbruch, OPP Oppenau, OPP Oppenau, ECHERY Echery, SFTT Sextfontaines, SFTT Sextfontaines, SFTT Sextfontaines, HAU Haudompre, HAU Haudompre, HAU Haudompre, HINF Hinterlatfeld, HINF Hinterlatfeld, HINF Hinterlatfeld, LOR Lormes, LOR Lormes, LOR Lormes, SSF Saint Sauge, SSF Saint Sauge, SSF Saint Sauge, CABF La Chapelle, CABF La Chapelle, CABF La Chapelle, HYF Humbligny, HYF Humbligny, AVF Avril sur Loir, AVF Avril sur Loir, AVF Avril sur Loir, AVF Avril sur Loir, SMF Signal de Mont, SMF Signal de Mont, SMF Signal de Mont, LDF La Druitiere, LDF La Druitiere, LDF La Druitiere, BOIS d'Agland, BOIS d'Agland, BOIS d'Agland, FLN La Foliniere, FLN La Foliniere, FLN La Foliniere, GRR Gorron, GRR Gorron, GRR Gorron, TCF Toulx Ste Croi, TCF Toulx Ste Croi, TCF Toulx Ste Croi, MFF Saint Martin d, MFF Saint Martin d, MFF Saint Martin d, ROSF Rostrenen, ROSF Rostrenen, IDC 26 00:08:46.3, mblmp3.4/5, ML3.1/1, Error ellipse: s-maj=50.2km, s-min=28.8km az=87.0, ISC 26 00:08:51.0, 9.5, 9.5, 0.2, 153.7E, 0.3, h32km, n6, 0, 41/7, mb3.2/4, New Ireland region

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Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Keravat, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam, TORO Torodi Ar. Bea, G007 Milladeo Hill, G007 Milladeo Hill, LL07 Hotel Espejo d, LL07 Hotel Espejo d, LL06 Loncomilla, LL06 Loncomilla, AY01 Puyuhuapi, AY01 Puyuhuapi, LL01 San Ignacio de, LL01 San Ignacio de, LL03 Petrohue, LL03 Petrohue, COYC Coyhaique, COYC Coyhaique, LL04 Puerto Octay, LL04 Paso Flores, PLCA Paso Flores, PLCA Paso Flores, LRO3 Panguiulli, LRO3 Panguiulli, G006 Curarehue, G006 Curarehue, H03S1 Juan Fernandez, H03S2 Juan Fernandez, H03S3 Juan Fernandez, CPUP Villa Florida, CPUP Villa Florida, PB16 IPOC Station P, PB16 IPOC Station P, SIV San Ignacio, SIV San Ignacio, VILB Vilhena, VILB Vilhena, TXAR Lajitas Array, TXAR Lajitas Array, TORO Torodi Ar. Bea, PDAR Pinedale Array, H11S2 WAKE ISLAND Hyt23.34 264 T, H11S1 WAKE ISLAND Hyt23.34 264 T, H11S3 WAKE ISLAND Hyt23.34 264 T, PZH WAKE ISLAND, MKAR Makanchi Array, TAP 26 00:15:54.7, 25.16N, 121.60E, h139km, ML3.2, B, ISC 26 00:15:56.5, 2.9, 25.11N, 0.09, 121.60E, 0.08, h127km, 15km, n63, 0, 98/80, Taiwan, Code Station Name, YM01 YMO1, YM08 YMO8, TWA Mucho, TWA Mucho, TWA Mucho, TNOU National Taiwa, TNOU National Taiwa, NWF Wu-fen Shan, NWF Wu-fen Shan, WFSS Wu-fen Shan, TIPB Shuangxi, TIPB Shuangxi, SX11 Grass Mountain, SX11 Grass Mountain

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like NWLT Wulai, FUSB Fushanzhiwuyua, TWB1 Santiaozhiao, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, KRVT Port Moresby, PMG Warramunga Arr, etc.

VAO 26:00:43:22.2±1.5, 43:77S:74:80W, h10km, mb4.5, IDC 26:00:43:25.3±1.2, 43:48S:74:21W, h0km, mb4.1/11, mbmp4.1/12, ML4.1/1, MS3.6/4, Error ellipse: s-maj=34.0km s-min=22.2km az=86.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like G007 Milladeo Hill, LL07 Hotel Espejo d, LL06 Loncomilla, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like PMSA Palmer Station, PB02 IROC Station P, PB01 IROC Station P, etc.

NEIC 26:00:49:27.1±1.4, 9:6S:0°:1:161:5E±0.1, h26km, 13km, mb4.6/17, Error ellipse: s-maj=20.4km s-min=12.8km az=225.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

TAP 26:00:16:02.1, 24:47N: 121:89E, h10km, 1km, ML1.6, D,

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like EWUT Wuta, EWUT Wuta, TWC Suao, etc.

1885

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station details. Includes stations like V53A Saluda, SWET Sewanee, TKL Tuckaleechee C, etc.

IDC 26 01:08:19.2±1.9, 341°N:25.06E, h0km, mb3.5/1, mbmp3.5/4, ML3.8/3, MS3.3/1, Error ellipse: s-maj=33.8km s-min=21.8km az=93.0

ATH 26 01:08:22.3, 34°29N:25.02E, h6km, j1km, ML2.7/3, Error ellipse: s-maj=3.6km s-min=1.6km az=6.0

THE 26 01:08:22.9, 34°34N:24.97E, h0km, z2km, ML2.4/4, Error ellipse: s-maj=3.4km s-min=1.2km az=175.0

ISC 26 01:08:19.8±1.9, 34°22N:0.07°24.98E±0.04, h1km±12km, n18, c074/28, Crete

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station details. Includes stations like SIVA Sivas, TMBK Timbaki Heraki, GVD Gavdhos, etc.

NEIC 26 01:12:15.6±0.8, 21°17S:0.1°10.170°E±0.1, h58km, 8km, mb4.3/15, Error ellipse: s-maj=15.6km s-min=12.6km az=46.0

NOU 26 01:12:19.9, 21°26S:169°74E, h34km, ML4.2/12, Southeast of Loyalty Islands

ISC 26 01:12:16.0±0.8, 0°08.169°90E±0.09, h50km, n30, c167/33, mb4.4/6, Southeast of Loyalty Islands

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station details. Includes stations like MARNC Mare, Loyalty, LIFNC LIFOU, etc.

ISC-EH 26 01:13:18.8, 20°53S:178.65W, h600km, 4km, Error ellipse: s-maj=5.6km s-min=3.4km az=142.0

NEIC 26 01:13:18.9, 1.6, 20°65S:0.1°178.6W±0.1, h592km, 6km, mb4.5/97, Error ellipse: s-maj=16.3km s-min=14.2km az=123.0

IDC 26 01:13:20.4±1.4, 20°44S:178.73W, h614km, 14km, mb3.8/19, mbmp4.7/21, Error ellipse: s-maj=18.4km s-min=12.2km az=136.0

ISC 26 01:13:18.7±0.3, 20.61S:0°07.178°69W±0.07, h600km, n433, c0978/449, mb4.5/70, 37C-23D, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station details. Includes stations like MSFV Nonsavu, MSFV Nonsavu, NIUE Niue, etc.

26d 1h

Table with columns: JHS Saijo, JNU Nakatsue, ADK Adak, JKA Kamikawa-asahi, UNV Unalaska Isle, etc. Includes station details and coordinates.

26d 1h

N19K	Bonanza Creek	83.46	12	P	P	01 24 43.0	-1.0
TUC	Tucson	83.55	52	P	P	01 24 46.1	+1.0
TUC	Tucson	83.55	52	P	P	01 24 46.7	+1.6
WVOR	Wild Horse Val	83.63	40	P	Iamb	01 24 45.7	+0.4
WVOR	Wild Horse Val	83.63	40	P	Iamb	01 24 47.1	
NLWA	Neilton Lookout	83.68	34	P	Iamb	01 24 45.7	+0.3
NLWA	Neilton Lookout	83.68	34	P	Iamb	01 24 47.1	
I07A	Izeze	84.07	38	P	P	01 24 47.4	+0.1
I07A	Izeze	84.07	38	P	Iamb	01 24 49.2	
LCMT	Little Creek M	84.15	47	P	P	01 24 48.5	+0.5
319A	Douglas	84.23	54	P	P	01 24 49.6	+1.1
319A	Douglas	84.23	54	P	Iamb	01 24 50.9	
N20K	Millon Spurr	84.26	13	P	P	01 24 46.8	-1.1
SPCR	Spurr Chakacha	84.27	13	P	P	01 24 46.7	-1.2
KNB	Kanab	84.44	47	P	P	01 24 49.5	-0.1
CLRS	Cowichan Lake	84.46	33	P	P	01 24 49.1	0.0
CLRS	Cowichan Lake	84.46	33	P	Iamb	01 25 11.1	
M19K	Big River Lodg	84.49	11	P	P	01 24 48.1	-0.8
CSI	Gumungisitoli	84.59	273	P	Iamb	01 24 51.5	+1.0
CSI	Gumungisitoli	84.59	273	P	Iamb	01 24 52.2	
L19K	White Mountain	84.66	11	P	P	01 24 49.2	-0.6
WUAZ	Wupatki	84.70	49	P	P	01 24 50.9	+0.1
PGC	Sidney	84.70	33	P	P	01 24 49.6	-0.6
PGC	Sidney	84.70	33	P	Iamb	01 25 24.1	
ELK	Elk	84.80	43	P	P	01 24 51.2	0.0
SUA	Susitna One	84.81	13	P	P	01 24 49.9	-0.7
SKT	Skwentna	85.11	12	P	P	01 24 51.6	-0.3
BR	Tatolina	85.16	10	P	P	01 24 51.3	-1.0
M22K	Willow	85.20	13	P	P	01 24 51.9	-0.3
KNK	Knik Glacier	85.26	14	P	P	01 24 52.1	-0.6
PMR	Palmer	85.27	14	P	P	01 24 52.0	-0.6
HAWA	Hanford	85.42	37	P	Iamb	01 24 54.4	+0.6
HAWA	Hanford	85.42	37	P	Iamb	01 24 55.5	
CUT	Chulitna	85.75	13	P	P	01 24 54.1	-0.8
M23K	Glacier View	85.77	14	P	P	01 24 54.1	-0.9
BMO	Blue Mountains	85.80	39	P	Iamb	01 24 55.8	+0.1
BMO	Blue Mountains	85.80	39	P	Iamb	01 24 56.9	
K20K	Telida	85.89	11	P	P	01 24 54.5	-1.1
121A	Cookes Peak, D	85.89	53	P	P	01 24 57.4	+0.8
SCM	Sheep Creek Mo	85.89	14	P	P	01 24 55.1	-0.6
KLU	Klutina	85.93	15	P	P	01 24 55.5	-0.5
CAST	Castle Rocks	86.31	12	P	Iamb	01 24 56.7	-1.9
CAST	Castle Rocks	86.31	12	P	Iamb	01 24 56.7	-1.9
SEY	Seymchan	86.33	347	P	P	01 24 57.7	0.0
N25K	Chitina, Valde	86.36	16	P	P	01 24 57.8	-0.1
M24K	Tolsona, Glenn	86.40	15	P	P	01 24 58.6	+0.5
WAT6	Susitna Watana	86.46	14	P	P	01 24 58.3	-0.2
ELIB	Princess Elisabeth	86.46	187	dP	P	01 24 58.8	+0.2
WAT1	Susitna Watana	86.50	13	P	P	01 24 57.9	-0.6
J20K	Novinta River	86.64	10	P	P	01 24 58.7	-0.4
P29M	Windy Craggy	86.67	19	P	P	01 24 59.7	+0.3
TRF	Thorofore Moun	86.69	12	P	P	01 24 58.6	-1.0
PLID	Pearl Lake	86.70	39	P	P	01 25 00.3	+0.1
PLID	Pearl Lake	86.70	39	P	Iamb	01 25 00.9	
LLL3	Lillooet	86.73	32	P	P	01 24 59.9	0.0
LLL3	Lillooet	86.73	32	P	Iamb	01 25 01.1	
GCSA	Galena City Sc	86.73	9	P	P	01 24 58.7	-0.7
HLID	Hailey	86.83	41	P	Iamb	01 25 01.3	+0.6
HLID	Hailey	86.83	41	P	Iamb	01 25 02.6	
O28M	Mount Upton	86.85	18	P	P	01 25 00.3	-0.2
HARP	HAARP	86.90	15	P	P	01 25 00.9	+0.5
DHW	Dennal Highway	86.97	14	P	P	01 25 00.0	-0.9
BPY	Bear Paw Mtn.	87.14	12	P	P	01 24 60.0	-1.5
MCK	McKinley	87.22	13	P	P	01 25 01.0	-0.8
P30M	Million Dollar	87.30	19	P	P	01 25 02.9	+0.5
SKAG	Skagway	87.31	21	P	P	01 25 05.2	+2.9
MNTX	Cornudas Mount	87.34	55	P	P	01 25 03.9	+0.6
MNTX	Cornudas Mount	87.34	55	P	P	01 25 04.1	+0.9
YU8K	Steele Glacier	87.39	18	P	P	01 25 02.9	-0.1
M26K	Nabesna, AK	87.44	16	P	P	01 25 03.2	+0.2
S34M	Telegraph Cree	87.62	23	P	P	01 25 04.8	+1.0
TX31	Lajitas Ar. Si	87.66	58	P	P	01 25 06.0	+1.1
TXAR	Lajitas Array	87.66	58	P	P	01 25 05.9	+1.0
HYT	Haines Junctio	87.68	19	P	Iamb	01 25 04.2	0.0
HYT	Haines Junctio	87.68	19	P	Iamb	01 25 30.1	
M27K	Edge Creek, AK	87.69	16	P	P	01 25 04.5	+0.2
YU4K	Talbot Arm	87.76	18	P	P	01 25 05.1	+0.5
BCY1	Bear Canyon	87.84	41	P	P	01 25 05.9	+0.4
L26K	Log Cabin Wild	87.87	15	P	P	01 25 04.1	-0.8
I21K	Tanana	87.93	11	P	P	01 25 04.5	-0.6
NEA2	Nenana	87.95	12	P	P	01 25 04.1	-1.1
NEA2	Nenana	87.95	12	P	Iamb	01 25 04.9	
NEA2	Nenana	87.95	12	P	P	01 25 04.2	-1.0
K24K	Donnelly Dome	87.96	14	P	P	01 25 05.2	-0.2
ANMO	Albuquerque	87.97	52	P	P	01 25 06.2	-0.1
ANMO	Albuquerque	87.97	52	P	Iamb	01 25 07.7	
ANMO	Albuquerque	87.97	52	P	P	01 25 06.8	+0.5
BVCY	Beaver Creek	88.00	17	P	P	01 25 05.8	+0.2
MLY	Manley	88.02	11	P	P	01 25 04.4	-1.3
WRH	Wood River Hill	88.05	13	P	P	01 25 04.9	-0.8
O30N	Mendenhall	88.07	19	P	P	01 25 06.0	+0.1
RIDG	Independent Ri	88.12	14	P	P	01 25 08.6	+2.5
H21K	Melozitna Rive	88.23	10	P	P	01 25 06.2	-0.3

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HDA	Harding Lake	88.23	13	P	P	01 25 06.0	-0.6
L27K	Beaver Creek	88.29	16	P	P	01 25 06.9	0.0
BCAR	Beaver Creek A	88.30	16	P	P	01 25 06.4	-0.6
WHY	Whitehorse	88.37	20	P	P	01 25 07.2	-0.2
IMAR	Indian Mountai	88.37	10	P	P	01 25 06.5	-0.7
I23K	Minto, Yukon-K	88.39	12	P	P	01 25 06.0	-1.2
DLBC	Dease Lake	88.40	23	P	P	01 25 08.1	+0.5
DLBC	Dease Lake	88.40	23	P	P	01 25 07.9	+0.3
TLCC	CIGO, UAF Yank	88.45	13	P	P	01 25 06.8	-0.8
MDM	Murphy Dome	88.45	12	P	P	01 25 06.3	-1.3
COLA	College	88.45	13	P	P	01 25 06.6	-0.9
SCRR	Sand Creek	88.53	15	P	P	01 25 07.5	-0.6
IL31	IL31	88.56	13	P	Iamb	01 25 06.9	-1.1
IL31	IL31	88.56	13	P	Iamb	01 25 07.4	
ILAR	Eielson Array	88.56	13	P	P	01 25 06.9	-1.2
ILAR	Eielson Array	88.56	13	P	P	01 28 49.8	+1.6
ILAR	Eielson Array	88.56	13	P	P	01 25 06.7	-1.4
M29M	Somme Creek	88.69	17	P	P	01 25 09.2	+0.3
H22K	Ishlathina Cre	88.69	11	P	P	01 25 08.1	-0.6
POKR	Poker Plat Res	88.75	13	P	P	01 25 08.0	-0.9
J25K	Salcha River,	88.75	14	P	P	01 25 08.5	-0.6
G21K	Allakaket	88.90	10	P	P	01 25 09.5	-0.1
H23K	Yukon River	88.96	12	P	P	01 25 09.2	-0.8
HHC	Hu-ho-hao-te	88.97	315	eP	P	01 25 11.8	+1.1
HHC	Hu-ho-hao-te	88.97	315	eP	P	01 25 11.8	+1.1
HHC	Hu-ho-hao-te	88.97	315	eP	P	01 25 11.8	+1.1
S22A	4UR Ranch, Crs	88.97	49	P	P	01 25 11.4	+0.4
K27K	Joseph Creek	89.03	15	P	P	01 25 10.7	+0.4
J26L	White River Ci	89.07	14	P	P	01 25 10.8	+0.4
O20A	Chickena	89.10	46	P	P	01 25 11.8	+0.4
L29M	L29M	89.31	17	P	P	01 25 12.0	+0.3
BW06	Boulder Array	89.48	43	P	P	01 25 13.3	+0.1
PD31	Pinedale Array	89.48	43	P	Iamb	01 25 12.9	-0.3
PDAR	Pinedale Array	89.48	43	P	P	01 25 12.9	-0.3
PDAR	Pinedale Array	89.48	43	P	P	01 25 12.8	-0.4
PRP	Porcupine Dome	89.50	13	P	P	01 25 12.7	+0.1
CMAR	Ching Mai Arr	89.54	290	P	P	01 25 15.1	+1.4
CMAR	Ching Mai Arr	89.54	290	P	P	01 25 14.8	+1.0
F21K	Alatna River	89.55	10	P	P	01 25 11.5	-1.1
BOZ	Bozeman (W)	89.59	40	P	P	01 25 14.1	+0.6
G22K	Bettles	89.60	10	P	P	01 25 13.0	+0.1
H17A	Grant Village	89.62	42	P	P	01 25 15.3	+1.4
G23K	Bonanza Creek	89.67	11	P	P	01 25 12.5	-0.8
DAWY	Dawson	89.74	16	P	Iamb	01 25 13.5	-0.2
DAWY	Dawson	89.74	16	P	Iamb	01 25 14.4	
DAWY	Dawson	89.74	16	P	P	01 25 13.4	-0.2
EGAK	Eagle	89.87	15	P	Iamb	01 25 13.7	-0.5
EGAK	Eagle	89.87	15	P	Iamb	01 25 14.7	
EGAK	Eagle	89.87	15	P	P	01 25 14.0	-0.2
SDCO	Great Sand Dun	89.91	49	P	P	01 25 16.2	+0.8
K29M	Barlow Dome	90.06	17	P	P	01 25 15.5	+0.3
COLD	Goldtoot	90.10	11	P	P	01 25 14.9	-0.3
G24K	Hadweenzic Riv	90.13	12	P	P	01 25 15.8	+0.5
PZH	PanZhiHua	90.19	298	P	P	01 25 18.5	+1.8
PZH	PanZhiHua	90.19	298	P	P	01 25 18.5	+1.8
PZH	PanZhiHua	90.19	298	P	P	01 25 18.5	+1.8
MSTX	Mutshoe	90.30	54	P	P	01 25 16.8	-0.2
MAYO	Mayo, Yukon	90.32	18	P	P	01 25 16.4	+0.1
I27K	Kandik River	90.45	15	P	P	01 25 15.9	-1.0
833A	Chaparal WMA,						

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like FRGS, BIOD, VITOSH, SOKA, etc.

Technical notes and data for stations: IDC 26 01:23:32.1±0.4, 19°06'N, 121°33'E, h0km, mb4.6/36, mbtmp4.6/37, ML4.3/1, MS4.7/1, Error ellipse: s-maj=14.2km s-min=10.3km az=73.0

Technical notes and data for stations: NEIC 26 01:23:37.9±1.8, 19°08'N, 121°18'E, h30km, 1km, Error ellipse: s-maj=2.6km s-min=2.0km az=89.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CICP, PACFP, SGCP, APYP, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GULI, CNSH, DAV, WHN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CD2, DL2, PHRA, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like BRVK Borovoye, NWA0 Narrogin (SRO), and others.

Table with columns for station name, frequency, and other technical details. Includes stations like VRH Novokhoporsky, KIV Kislovodsk, and others.

Table with columns for station name, frequency, and other technical details. Includes stations like MLY Manley, BPAW Bear Paw Mtn, and others.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like ROSC El Rosal, ORTEGA, FLFI Flavio Alfarro, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like T1243, T1219 Muccia, Frazio, GUM3 Gualdo di Mace, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like ETMB Extrema, BDFB Brasilia, BDFB Boa Vista, etc.

NEIC 26 01:24:53.4z.7, 6:85S:0.09x147.5E:0.1, h10km, 2km, mb4.1/14, Error ellipse: s-maj=23.0km s-min=4.0km az=308.0

IDC 26 01:34:33.0 1.3, 31:99S:72:29W, h0km, mb4.3/2, mbmp3.9/6, ML3.7/4, Error ellipse: s-maj=33.8km s-min=20.0km az=164.0

MAN 26 01:39:10.6, 19:13N-121:19E, h24km, mb4.9, ML3.8, MS3.8, 1C, Philippine Islands region

IDC 26 01:24:58.9z.2.4, 6:90S:147:64E, h60km, 21km, mb3.7/5, mbmp4.1/9, ML4.0/3, MS4.4/1, Error ellipse: s-maj=30.8km s-min=17.2km az=107.0

IDC 26 01:34:34.2 1.6, 32:11S:72:30W, 0.06, h15km, 12km, n64, r122/78, mb4.2/5, 5C, Off coast of central Chile

ISC-EH 26 01:42:00.5, 5:66S:153:47E, h10km, Error ellipse: s-maj=8.0km s-min=5.2km az=78.0

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Coen, PMG Keravat, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like VA06 Catapilco, VA01 Torpederas, ROCC1 El Roble, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like RABL Rabaul, RABL Keravat, KRVT Port Moresby, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like RABL Rabaul, COEN Charters Tower, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like CO02 Combarbal, CO02 Combarbal, MT02 Curacac, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like PMG Port Moresby, HNR Honiara, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA Eids, KNRA Kunurra, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like VA03 San Esteban, VA03 Santo Domingo, PEL Peidhue, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, MTN Mantam Dan, MTN Warramunga Arr, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ASAR Arma, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like CO03 El Pedregal, MT01 Popeta, MT01 Popeta, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, MTN Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, PFO Pinoy Flats, TORD Torodi Arr, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like MT03 Talagante, MT03 Talagante, MT09 Universidad Ad, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA Lake Taylor, STKA Lake Taylor, etc.

MAN 26 01:28:58.2, 19:03N-121:25E, h23km, mb5.0, ML3.9, MS3.9, Philippine Islands region

ROM 26 01:29:45.9z.0.4, 2:206N:0:002:13:128E:0:004, h13km, ML1.3/4, 2C, Error ellipse: s-maj=0.3km s-min=0.0km az=64.0, Central Italy

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like T1245 Castelsantange, MC2 Monte Cctamm, T1216 Preci, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like BO01 Tunca, CO01 Juntas del Tor, GO05 Hualta, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res. Includes stations like NJ2 Nanjing, NJ2 Chiarrang, CMAR Chiang Mai Arr, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YHNB, YHNB, NSK, NNSB, NACB, NFF, ET LH, etc.

JMA 26 02:19:48.7.0.3, 24°5'N, 0°16.1237'E, 0.4, h2km, 3km, MVI 1/8, NEAR ISHIGAKIJAMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IRIF, IRIF, JKRS, etc.

IDC 26 02:20:48.0.3.8, 7°00'S, 155°33'E, h0km, mb3.6/4, mb20mp3.6/4, Error ellipse: s-maj=110.5km s-min=30.3km az=113.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, ASAR, SONM, MKAR, etc.

HEL 26 02:31:24.4.0.0, 67°83'N, 20°20'E, h1km, ML2.1, ML2.5(UPP), Confirmed Induced event

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUA, KUA, RATU, etc.

BER 26 02:31:26.3.1.8, 67°81'N, 20°40'E, h0km, 9km, ML2.1, ML2.7(NAO), Confirmed Induced event

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUA, RATU, NIKU, LANU, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOF, SGF, ARAO, etc.

IDC 26 02:37:57.9.0.8, 2°14'S, 140°03'E, h0km, mb4.0/8, mb2mp4.1/10, ML4.2/2, MS3.4/3, Error ellipse: s-maj=37.2km s-min=17.2km az=77.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NOA, NROA, NRAO, etc.

IDC 26 02:37:57.9.0.8, 2°14'S, 140°03'E, h0km, mb4.0/8, mb2mp4.1/10, ML4.2/2, MS3.4/3, Error ellipse: s-maj=37.2km s-min=17.2km az=77.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GENI, GENI, JAY, etc.

IDC 26 02:38:00.4.1.8, 2°54'S, 100°09'E, 0.1, h15km, 4km, mb4.4/17, Error ellipse: s-maj=19.4km s-min=11.1km az=64.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WAMI, WAMI, SRPI, etc.

DJA 26 02:38:01.1.0.4.2, 2°54'S, 100°09'E, h24km, 3km, M4.4/13, mb4.4/11, Mjima 4.5/13, ML4.6/7, MLV4.4/6, Ms(BB)4.3/12

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GENI, GENI, JAY, etc.

ISC 26 02:38:01.4.0.5, 2°46'S, 100°05'E, 0.04, h25km, n56, i128/52, mb4.2/14, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GENI, GENI, JAY, etc.

26 Dec 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BKZ, SONM, MK31, etc.

JMA 26 03:27:17.0.5.2, 22°18'N, 143°31'E, h167km, MV5.3/18, IOTO ISLANDS REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHH2, JHH2, JHH2, etc.

ISC 26 03:27:17.0.5.2, 22°18'N, 143°31'E, h167km, MV5.3/18, IOTO ISLANDS REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHH2, JHH2, JHH2, etc.

ISC 26 03:27:17.0.5.2, 22°18'N, 143°31'E, h167km, MV5.3/18, IOTO ISLANDS REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHH2, JHH2, JHH2, etc.

ISC 26 03:27:17.0.5.2, 22°18'N, 143°31'E, h167km, MV5.3/18, IOTO ISLANDS REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHH2, JHH2, JHH2, etc.

ISC 26 03:27:17.0.5.2, 22°18'N, 143°31'E, h167km, MV5.3/18, IOTO ISLANDS REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHH2, JHH2, JHH2, etc.

ISC 26 03:27:17.0.5.2, 22°18'N, 143°31'E, h167km, MV5.3/18, IOTO ISLANDS REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHH2, JHH2, JHH2, etc.

ISC 26 03:27:17.0.5.2, 22°18'N, 143°31'E, h167km, MV5.3/18, IOTO ISLANDS REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHH2, JHH2, JHH2, etc.

ISC 26 03:27:17.0.5.2, 22°18'N, 143°31'E, h167km, MV5.3/18, IOTO ISLANDS REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHH2, JHH2, JHH2, etc.

ISC 26 03:27:17.0.5.2, 22°18'N, 143°31'E, h167km, MV5.3/18, IOTO ISLANDS REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHH2, JHH2, JHH2, etc.

ISC 26 03:27:17.0.5.2, 22°18'N, 143°31'E, h167km, MV5.3/18, IOTO ISLANDS REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHH2, JHH2, JHH2, etc.

ISC 26 03:27:17.0.5.2, 22°18'N, 143°31'E, h167km, MV5.3/18, IOTO ISLANDS REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHH2, JHH2, JHH2, 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.

Table with columns: Name, Frequency, Band, Mode, Power, etc. Includes stations like Neokhori, Horliatis, Thassos island, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, etc. Includes stations like FSKS Fiskardo, PRVS Prvonek, EDRE Edirne, etc.

Table with columns: Name, Frequency, Band, Mode, Power, etc. Includes stations like Blackbirch Sta, Cape Campbell, Tophouse, etc.

1899

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Z35A, 236A, TUC, 214A, MSTX, etc.

2016 DEC

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ONI, KSRS, K3AR, NRIK, etc.

26 Dec 7h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KUR04, KURK, KUR, SEM, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NEM2, JOSH, JOT, USRK, MJAR, KLR, PETK, JUNU, SEY, SONM, MKAR, ILAR, YKA, PDAR.

IDC 26 08:01:43.5 ± 1.8, 6:05S:152:63E, h0km, mb3.3/3, mbtmp3.5/4, ML2.2/1, Error ellipse: s-maj=46.2km s-min=20.8km az=105.0

ISC 26 08:01:49.5 ± 1.6, 6:05S:01:152:5E:0.2, h38km, n6, ±0.95/8, mb3.3/3, New Britain Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRVT, PMG, WRA, ASAR, ILAR, TORO.

IDC 26 08:43:42.1 ± 1.7, 29:37S:61:31E, h0km, mb3.7/5, mbtmp3.7/6, ML3.9/1, Error ellipse: s-maj=77.6km s-min=27.7km az=27.0

ISC 26 08:43:43.6 ± 1.7, 29:45S:05:61:2E:0.3, h10km, n13, ±0.88/7, mb3.8/5, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like OPO, H08S1, H08S2, H08S3, H01W2, H01W3, H01W1, ASAR, WRA, TORO, MKAR, ZALV, YKA.

IDC 26 08:45:43.2 ± 1.1, 30:72N:77:92E, h0km, mb3.7/8, mbtmp3.8/10, ML3.2/2, Error ellipse: s-maj=32.6km s-min=22.7km az=67.0

NDI 26 08:45:47.8 ± 2.5, 30:89N:77:95E, h10km, ML3.2

NMC 26 08:45:53.2 ± 6.3, 31:76N:77:71E, h0km, mb3.6, Error ellipse: s-maj=96.0km s-min=49.2km az=38.0

ISC 26 08:45:47.3 ± 1.1, 30:92N:0:04:77:94E:0.04, h18km, 5km, n27, ±1.93/37, mb3.7/9, 3C-1D, Northern India

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DDI, SMLA, BHK, NDI, THN, LGTI, APAC, SJCC, KHET, AJM, AJM.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like THW, CEP, KK31, MK31, MKAR, MKAR, KURB, KURK, BVAR, AB31, ZALV, SONM, FINES, ARCES, TORO, WRA, ASAR.

ISC-EH 26 08:47:54.7 ± 6.7, 75N:73:08W, h154km, 2km, Error ellipse: s-maj=4.9km s-min=3.4km az=55.0

IDC 26 08:47:55.0 ± 0.6, 6:73N:72:96W, h164km, 6km, mb3.4/9, mbtmp3.9/12, Error ellipse: s-maj=14.2km s-min=7.4km az=128.0

NEIC 26 08:47:55.2 ± 1.8, 6:75N:0:07:72:91W:0.08, h157km, 9km, mb4.0/52, Error ellipse: s-maj=12.6km s-min=10.4km az=116.0

RSNC 26 08:47:55.5 ± 1.3, 6:81N:73:14W, h149km, 5km, ML3.8, Mw4.0

VAO 26 08:48:23.1 ± 0.9, 5:38N:71:54W, h271km, 10km, mb3.9

ISC 26 08:47:54.3 ± 0.6, 6:73N:0:03:73:08W:0.03, h153km, 5km, n134, ±1.95/170, mb4.0/32, 7C-4D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BARC, PAMC, BRRC, RUSC, TAMC, PUERTO BERRIO, ZARC, CHIC, ROSC, ROSC, ROSC, UREC, LL1C, VILC, GUY2C, PTGC, LLSC, CBOC, DBBC, SDV, SDV, ARGC, ANIL, ORTC, APAC, SJCC, ARGC, PLMC, LCBC.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LCBC, CRJC, GUVG, YOTOC, SOLC, SMRC, MACC, URIC, GARC, BAUV, TULM, DUNO, HZTE, AOPR, BOAV, MTO3, ETMB, ETMB, MOCB, NPGB, VILB, VILB, LPAZ, PDRB, PSGCX, GO01, PB11, Y49A, X48A, ARAG, AQDB, WWT, T47A, WHAR, BDFB, BDFB, BDFB, BDFB, P52A, FCAR, SDBA, AMBA, R40A, R40A, OK031, TXAR, TX31, TX31, TX32, MINTX, PV13, PV13, WUAZ, KNB, ULM, MSU, INCU, MPU, NLU, BW06, PDAR, PDAR, SCHO, SPR3, SPR3, GSC, GSC, BGU, BEFU, REDW, REDW, GWY, RLMT, R11A, MCMT, HLID.

26d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like Mina Array Bea, Camas Ranch, Wild Horse Val, Beach Ranch, Pine Mountain, etc.

DDA 26 08:53:42.9, 0.38, 69km, 38.12E, h0km, mb3.8/5, mbtmp3.9/6, ML4.2/1, Error ellipse: s-maj=70.1km s-min=25.3km az=28.0

ISC 26 09:02:54.6, 1.7, 29.50S, 0.5, 61.0E, 0.3, h14km, n13, a19177, mb4.0/5, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like Akcadag, Kahramanmara, SarD1z-Kayseri, etc.

ISC 26 09:02:52.6, 1.5, 29.50S, 0.61, 06E, h0km, mb3.8/5, mbtmp3.9/6, ML4.2/1, Error ellipse: s-maj=70.1km s-min=25.3km az=28.0

ISC 26 09:02:54.6, 1.7, 29.50S, 0.5, 61.0E, 0.3, h14km, n13, a19177, mb4.0/5, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like Warramunga Arr, Alice Springs, WAKE ISLAND Hy, etc.

ISC 26 09:07:13.3, 8.0, 10.00S, 160.31E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=215.1km s-min=45.9km az=115.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like Warramunga Arr, Alice Springs, WAKE ISLAND Hy, etc.

ISC 26 09:08:07.9, 9.9, 18.21S, 177.75W, h628km, 36km, mb2.6/3, mbtmp3.7/4, Error ellipse: s-maj=326.1km s-min=30.9km az=141.0, Fiji Islands region

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like Warramunga Arr, Alice Springs, TORO Ar. Bea, etc.

ISC 26 09:38:45.5, 0.9, 36.78N, 140.57E, h0km, mb3.6/8, mbtmp3.6/10, ML3.6/2, Error ellipse: s-maj=24.1km s-min=16.2km az=120.0

JMA 26 09:38:46.7, 0.0, 36.78N, 0.1, 140.8E, 0.2, h8km, MV3.5/20, NORTHERN IBARAKI PREF

JMA Feil II JLT at NORTHERN IBARAKI PREF. ISC 26 09:38:46.7, 1.2, 36.79N, 0.03, 140.56E, 0.07, h7km, 8km, n25, c084/21, mb3.6/8, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like Hitachi, Fukushimafurud, Shikoa, Kawachi, Yawato, Matsushiro Arr, etc.

NNC 26 09:45:14.8, 0.3, 50.88N, 73.65E, h0km, 4km, mb3.7, mpv3.5, 8C-3D, Error ellipse: s-maj=3.2km s-min=1.7km az=41.0, Suspected Mining explosion, Central Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like Borovoye Array, Kurchatov, Borovoye, etc.

1902

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like Karatay Array, Tokmak 2, Zaisan, etc.

ISC 26 09:52:12.6, 1.7, 29.07S, 61.39E, h0km, mb3.6/5, mbtmp3.7/6, ML3.9/1, Error ellipse: s-maj=78.8km s-min=27.8km az=28.0

ISC 26 09:52:14.6, 1.6, 29.05S, 0.5, 61.3E, 0.3, h11km, n13, c0957/7, mb3.7/5, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like Ambohitratampo, Diego Garcia H, Cape Leeuwin H, etc.

ISC 26 10:04:58.9, 5.3, 51.71N, 75.26E, h0km, mbtmp2.9/2, ML2.4/2, Error ellipse: s-maj=48.8km s-min=27.3km az=97.0

NNC 26 10:04:58.4, 1.1, 51.91N, 75.55E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=14.6km s-min=6.8km az=22.0, Suspected Mining explosion

SOME 26 10:05:06.8, 5.1, 20.7N, 75.78E, h15km, ISC 26 10:05:01.1, 1.1, 51.33N, 0.05, 75.86E, 0.03, h0km, n38, a159/49, 6C-4D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, I, S, C. Includes stations like Kurchatov Arra, Kurchatov, Borovoye, etc.

1903

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRBS Karabastu, KTBS Karatobe, SGDS Sogindy, DGS Degeres, KPKS Kokpek, KOTS Kotyrbulak, MRKS Merke, and others.

GUC 26 10:53:41.7±0.8, 21:88S:67:59W, h230km, 12km, ML3.5
SCB 26 10:53:44.1±1.2, 21:94S:67:30W, h184km, ML3.0/5,
MMV2.2, Error ellipse: s-maj=2.2km s-min=2.9km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LVC Limon Verde, YJA Yavi, MOCB Mochara, PB09 IPOC Station P, PB01 IPOC Station P, PB06 IPOC Station P, PB03 IPOC Station P, PB15 IPOC Station P, PB07 IPOC Station P, PB08 IPOC Station P, PB02 IPOC Station P, PB04 IPOC Station P, G001 Chuzmisza, G001 Humberstone, TA02 Huiyiquie, MNMC Maria Mynyne, G002 Mina Guanaco, SOET ToroToro, SOEJ Bacoque, BBOD La Paz, Chanca, Gloria.

IDC 26 10:54:36.0±5.9, 43:16N:105:58E, h0km, mbtmp2.9/2,
ML2.8/2, Error ellipse: s-maj=58.9km s-min=34.8km
az=132.0, Mongolia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I34MN SONGINO INFRAS 4.2, SONM Songo Array 4.25, SONM Tino Tororo, MKAR Makanchi Array 16.77, 289 P.

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SOME 26 11:06:24.5, 44:38N:81:40E, h10km
NNC 26 11:06:25.4±2.4, 44:11N:81:70E, h14km, 38km, mb2.7,
mpv2.2, Error ellipse: s-maj=7.5km s-min=4.3km
az=125.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PDGK Podgornoye, BLB Baldybastay, UZB Uzynbulak, KPKS Kokpek, MAKZ Makanchi, MK31 Makanchi Array, SATY Saty.

NEIC 26 11:09:58.0±0.9, 19:5S:0:3, 177:5W:0:2, h556km, 19km,
mb4.1/8, Error ellipse: s-maj=40.7km s-min=24.1km
az=185.0

IDC 26 11:10:02.9±5.7, 19:04S:178:13W, h567km, 48km, mb3.0/3,
mbtmp3.9/4, Error ellipse: s-maj=232.6km s-min=30.0km
az=157.0

ISC 26 11:09:58.4±0.8, 19:6S:0:2±177:6W:0:1, h550km, n15,
r=146/16, mb3.8/7, 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 Nonsavu, MSVF Nonsavu, AF Afamatu, WHZ Weather Hill Ro, TOO Toolangi, BBOO Buckleboo, WB0 Warramunga Arr, WB2 Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, QSPA South Pole Qui, TXAR Lajitas Array, TXAR Lajitas Array, MKAR Makanchi Array.

IDC 26 11:18:53.0±1.2, 6:06S:153:99E, h0km, mb3.6/6,
mbtmp3.7/8, ML1.1/1, MS3.4/3, Error ellipse: s-maj=29.1km
s-min=23.5km az=100.0

ISC 26 11:18:58.2±1.1, 6:09S:0:09±154:0E:0:1, h35km, n11,
r=151/11, mb3.5/6, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, KRVT Keravat, PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, DAV Davao City, SEY Seymour, MKAR Makanchi Array, ZALV Zalesovo Beam, ILAR Eielson Array, QSPA South Pole Qui, TORD Torodi Arr.

IDC 26 11:20:58.8±1.1, 21:47N:144:12E, h0km, mb3.6/6,
mbtmp3.6/6, Error ellipse: s-maj=47.7km s-min=22.4km
az=95.0

ISC 26 11:21:03.7±1.0, 21:51N:0:2±144:1E:0:3, h33km, n12,
r=0567/6, mb3.6/6, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H1N1 WAKE ISLAND Hy 21.39, H1N2 WAKE ISLAND Hy 21.40, H1N3 WAKE ISLAND Hy 21.41, H1S3 WAKE ISLAND Hy 21.42, H1S1 WAKE ISLAND Hy 21.43, H1S2 WAKE ISLAND Hy 21.43, KLR Kul Dur, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, YKA Yellowknife Arr, NVAR Mina Array Bea.

26d 11h

IDC 26 11:27:28.8±1.9, 43:87S:74:33W, h0km, mb3.9/4,
mbtmp3.9/5, ML3.4/1, Error ellipse: s-maj=47.6km
s-min=42.6km az=111.0

GUC 26 11:27:35.4±0.5, 43:69S:74:24W, h21km, 4km, ML3.8
ISC 26 11:27:31.7±2.5, 43:78S:0:05±74:3W:0:1, h16km, 14km,
n20, r=198/27, mb4.0/4, Southern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like G007 Milladeo Hill, LL07 Hotel Espejo d, AY01 Puyuhuapi, LL06 Loncomilla, LL01 San Ignacio de, COYC Coyhaique, LL03 Petrohue, LL04 Puerto Octay, PLCA Paso Flores, PLCA Paso Flores, PLCA Panguiplu, PLCA Curarrehue, H03S1 Juan Fernandez, H03S2 Juan Fernandez, H03S3 Juan Fernandez, CPUP Villa Florida, BOSA Boshof, TXAR Lajitas Array, TORD Torodi Arr, MKAR Makanchi Array.

IDC 26 11:33:09.7±2.2, 33:80N:7:58E, h0km, mb2.9/1,
mbtmp2.9/3, ML3.1/2, Error ellipse: s-maj=50.7km
s-min=25.6km az=121.0, Northern Algeria

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KEST Keera, KEST Keera, ESCD Sonseca Array, TORD Torodi Arr.

IDC 26 11:39:33.0±2.5, 5:44S:145:43E, h59km, 24km, mb4.0/12,
mbtmp4.3/15, ML3.8/3, MS3.5/8, Error ellipse:
s-maj=22.2km s-min=11.6km az=94.0

DJA 26 11:39:34.9±0.4, 6:5S:3:14±5E, h90km, 7km, M4.9/18,
mb4.5/18, mb5.3/3, mbC5.8/2, MLv0.5/3, Ms(BB)4.3/17,
Mv(MB)4.7/3, MvMBc4.9/2

ISC-EH 26 11:39:35.5, 5:48S:145:26E, h82km, 8km, Error ellipse:
s-maj=8.3km s-min=5.8km az=80.0

NEIC 26 11:39:37.3±1.3, 5:61S:0:06±145:3E:0:1, h95km, 7km,
mb4.3/25, Error ellipse: s-maj=15.8km s-min=7.6km
az=69.0

ISC 26 11:39:37.2±0.5, 5:60S:0:05±145:25E:0:07, h100km, n92,
r=1958/87, mb4.2/18, 3C, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, JAY Jayapura, GENI Genyem, KRVT Keravat, KRVT Keravat, COEN Coen, COEN Coen, FAKI Fak Fak, FAKI Fak Fak, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, KDU Kakadu, SIJI Sorong, SIJI Sorong, HNR Honiara, MTN Manton Dam, MTN Manton Dam, WB0 Warramunga Arr, WB0 Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek, WRAB Warramunga Arr, WRAB Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, TNTI Ternate.

26d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KNRA Kununurra, AS01 Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SCPH Surigao, TABP Talibon, ASAR Alice Springs, etc.

2016 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AKT Akhty, KSMR Kasumkent, DRN Derbent, etc.

1904

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KRBS Karabastu, KRBS Karabastu, KRBS Karabastu, etc.

1905

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, RTZ Ruatuhuna, MRZ Mangatoinaka, etc.

IDC 26 12:38:06.2, 4.6, 51S, 154.44E, h0km, mb3.6/5, mbmp3.6/5, MS3.2/1, Error ellipse: s-maj=101.5km s-min=27.7km az=123.0

ISC 26 12:38:13.5, 2.3, 6.6S, 0.4, 154.4E, 0.6, h48km, n10, 0.889/6, mb3.5/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

NOU 26 12:59:35.6, 27.19S, 137.15E, h0km, mb4.1/22, South Australia

IDC 26 12:59:36.2, 1.0, 27.16S, 137.19E, h0km, mb3.9/2, mbmp4.0/7, ML4.0/4, Error ellipse: s-maj=32.9km s-min=15.1km az=130.0

AUST 26 12:59:37.0, 0.7, 27.21S, 137.22E, h10km, Error ellipse: s-maj=10.4km s-min=8.6km az=170.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OOD Oodnadatta, OOD APSI, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OOD Oodnadatta, INKA Innaminka, CLRK Leigh Creek, etc.

MAN 26 13:10:19.6, 2.71N, 126.96E, h17km, mb5.1, ML4.0, MS4.1, IDC 26 13:10:26.2, 0.7, 3.37N, 126.34E, h0km, mb4.1/12, mbmp4.1/13, ML4.4/1, MS3.5/3, Error ellipse: s-maj=49.4km s-min=14.0km az=64.0

ISC-EH 26 13:10:28.6, 3.33N, 126.77E, h15km, Error ellipse: s-maj=9.1km s-min=5.2km az=65.0

DJA 26 13:10:32.7, 0.6, 3.3N, 6.6, 12.7E, h57km, gkm, M4.3/12, mb4.5/11, mb5.1/4, MLV4.1/12, Mw(Mb)4.4/4

NEIC 26 13:10:32.1, 1.4, 3.39N, 0.09, 126.5E, 0.1, h35km, 1km, mb4.4/2A, Error ellipse: s-maj=22.1km s-min=8.2km az=228.0

ISC 26 13:10:33.0, 0.5, 3.48N, 0.06, 126.70E, 0.07, h53km, n62, 0.123/65, mb4.3/21, 2C-12D, Talud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SGSI Sangihe, TNTI Ternate, GSPH Gidapawan, etc.

LUWI Luwuk, SJI Sorong, SJI Soro, SJI Soro, SJI Soro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOLIS Tolitoli, APSI Ampana, etc.

26d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NLAI Namlea, MYLDM Lahad Datu, FAKI Fak Fak, etc.

IDC 26 13:15:57.8, 1.8, 176N, 125.82E, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=171.1km s-min=26.7km az=65.0, Northern Molucca Sea

WRA Warramunga Arr, M20K M20K, IMAR Indian Mountain, etc.

ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs

WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs

WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs

WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs

WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs

WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs

WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs

WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs

WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs

WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs

WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs

WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NPH North Pit, etc.

1909

Table with columns: KOTS, KRBS, KRBS, KRBS, IUG, IUG, IUG, IUG, KTBS, KTBS, KTBS, KUU, KUU, KUU, KK31, KK31, KK31, CHKK, CHKK, CHKK, CHKK, BLB, BLB. Includes station names, times, and coordinates.

1909
IDC 26 15:44:14.7,6.8,7.12S:153.90E,h82km,52km,mb3.4/6,
mbtmp3.8/7,ML2.1/1,MS3.4/3,Error ellipse: s-maj=55.6km
s-min=31.0km az=112.0

1909
ISC 26 15:44:08.9,1.7,7.17S:153.03E,h154.2E,0.2,h35km,n10,
a2521/9,mb3.7/6,MS3.4/3,Bougainville-Solomon Islands region

Table with columns: PMG, PMG, WRA, WRA, ASAR, STKA, AFI, CMAR, SONM, MKAR, ILAR, TORD, WEL. Includes station names, times, and coordinates.

1909
WEL 26 15:46:59.0,0.6,42'S:2'x174E,1,h8km,4km,M3.3/9,
mL3.6/7,MLV3.3/9,Error ellipse: s-maj=0.0km
s-min=0.0km az=67.4,confirmed,Cook Strait

Table with columns: CMWZ, BSWZ, BSWZ, TUWZ, TUWZ, TUWZ, TUWZ, PWEL, NNZ, NNZ, NNZ, KHZ, PLWZ, THZ, DUWZ, DUWZ, CAW, KIWI, PAWZ, MRNZ, TKNZ, MTW, OGWZ, TRWZ, HOWZ, QWZ, TMWZ, GVZ, MRZ, DSZ, HOWZ, POWZ, PRWZ, AMFZ, BFCZ, DVHZ, TSZ, LREZ, PRHZ, KHEZ, PHZ, WPHZ, NBEZ, PKZ, MOVZ, VRZ, VNVZ, BHWZ, SNVZ, KRHZ, NVZ, SNVZ, OTVZ, NNVZ, TWVZ, ETVZ. Includes station names, times, and coordinates.

2016 DEC

Table with columns: KAHZ, WVZ, KRZV, TMVZ, NTVZ, KWHZ, KATZ, RPZ, RITZ, RATZ, ARZC, SKVZ, GCSZ, HIZ, TMZ, TLZ, LITE, MARZ, JCKZ, LKJZ. Includes station names, times, and coordinates.

2016 DEC
REN 26 15:50:07.2,1.0,37.158N:0.010:117.38W:0.01,
h10km,4km,ML2.2/13,ML2.2/51(NEIC),Error ellipse:
s-maj=1.6km s-min=1.4km az=71.0
NEIC 26 15:50:07.1,0.327153N:0.010:117.38W:0.01,
h11km,3km,Error ellipse: s-maj=1.6km s-min=1.4km
az=221.0,California-Nevada border region

Table with columns: GRAC, GRAC, GRAC, GMIN, GMIN, GMIN, LCH, LCH, LCH, LCH, SGV, SGV, MCA, DSP, DSP, DSP, MZP, MZP, MZP, TIN, WCT, WCT, WCT, FUR, MLNR, CWC, TPNV, TPNV, TPNV, TPV, TPV, TPV, BOPR, RCR, GWW, GWW, GWW, GWW, AMDNV, ORC, QSM, QSM, MCBM, S11A, S11A, LHV, LHV, LHV, MDPB, RYN, RYN, RYN, R11A, PRN, PRN, PRN, YERR, YERR, YERR, BCW, U15A, TCRU. Includes station names, times, and coordinates.

2016 DEC
IDC 26 16:02:26.3,1.4,43.34S:74.41W,h0km,mb3.9/4,
mbtmp3.9/5,ML3.3/1,MS3.2/1,Error ellipse: s-maj=48.4km
s-min=22.1km az=147.0
GUC 26 16:02:26.0,6.0,6.43S:105S:74.54W,h13km,7km,ML4.2
NEIC 26 16:02:30.1,1.7,42.10S:0.04:74.48W:0.07,h15km,5km,
mb4.3/4,ML4.2(GUC),Error ellipse: s-maj=7.0km
s-min=5.0km az=78.0

2016 DEC
ISC 26 16:02:29.4,2.5,43.08S:0.04:74.39W:0.07,h11km,15km,
n44,c159/45,mb4.0/6,2C-2D,Southern Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes station names, times, and coordinates.

26d 16h

Table with columns: AY01, AY01, AY01, LL03, LL04, LL04, LL04, COYC, COYC, COYC, COYC, LR02, PLCA, PLCA, PLCA. Includes station names, times, and coordinates.

26d 16h
PLCA 26 16:04:16.2, -1.7
PLCA 26 16:04:16.5, -3.1
PLCA 26 16:04:27.7

Table with columns: PLCA, PLCA, LR03, LR03, G006, G006, G006, BO01, H03S1, H03S2, H03S3, MT02, MT02, CPUP, CPUP, CPUP, IPOC, MNMC, MNMC, QSPA, QSPA, TXAR, TXAR, DBIC, DBIC, PDAR, PDAR, H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, CMAR, MKAR. Includes station names, times, and coordinates.

26d 16h
NOU 26 16:05:19.2, 10.52S:161.49E,h0km,mb4.8/11,Solomon Islands
NEIC 26 16:05:19.1, 1.9, 10.3S:0.1:161.4E:0.1,h44km,9km,
mb4.5/25,Error ellipse: s-maj=18.0km s-min=13.0km,
az=223.0

26d 16h
IDC 26 16:05:20.2, 2.6, 10.44S:161.35E,h68km,20km,mb3.7/10,
mbtmp4.0/12,MS3.2/4,Error ellipse: s-maj=24.6km,
s-min=16.9km az=80.0

26d 16h
ISC 26 16:05:19.0,0.6,10.38S:0.07:161.45E:0.09,h50km,n65,
a170/58,mb4.3/23,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes station names, times, and coordinates.

26d 16h
CTA 26 16:09:20.0, -0.1
CTA 26 16:09:24.3, 3.7
CTA 26 16:09:24.3, 3.7

26d 16h
COEN 26 16:09:30.1, +1.7
COEN 26 16:09:33.6, +5.2

26d 16h
WB0 26 16:11:01.6, -1.2
WB2 26 16:11:02.7, -0.9
WRA 26 16:11:03.0, -0.7

26d 16h
GUMO 26 16:21.24.9
H11S2 26 16:42.40.0
H11S3 26 16:42.40.2
H11S1 26 16:42.41.4

26d 16h
AS31 26 16:11:16.2, -1.7
ASAR 26 16:11:16.5, -1.4

26d 16h
ASAR 26 16:11:16.1, -1.7
H11N1 26 16:44.05.5
H11N3 26 16:44.07.3
H11N2 26 16:44.07.3

26d 16h
GIRL 26 16:13.40.6
MJAR 26 16:14.18.7, -1.3

26d 16h
TPUB 26 16:14.24.0, -0.5
SSLB 26 16:14.24.0, -0.4

26d 16h
JKA 26 16:14.57.0, -1.6
USRK 26 16:15.23.8, -0.3

1911

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SLGT Liugui, TPUB Ta-pu, WTP Ta-pu, etc.

2016 DEC

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NNSB Datong, NNS Nan Shan, NNS baze-16, etc.

IDC 26 17:19:41.5:1.2, 28:08N:102:01E, h0km, mb3.7/4, mbmtmp3.6/5, MS2.7/1, Error ellipse: s-maj=40.4km s-min=19.5km az=70.0, Sichuan

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CMAR Chiang Mai Arr, CMAR Grass Mountain, etc.

BUI 26 17:25:42.0:1.6, 22:76N:10:08:94E:50:0:06, h104km, 6km, mb4.2/8, Error ellipse: s-maj=13.2km s-min=5.4km az=208.0

NDI 26 17:25:42.9:1.9, 22:73N:94:52E, h90km, mb4.4, ML4.6, mb4.2(NEIC)

IDC 26 17:25:43.6:0.8, 22:49N:94:33E, h118km, 7km, mb3.6/7, mbmtmp4.0/9, Error ellipse: s-maj=15.5km s-min=10.7km az=18.0

ISC 26 17:25:41.5:0.6, 22:74N:10:05:94:55E:0:05, h100km, m51, c2505/61, mb4.2/10, Myanmar

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SAIH SAIHA, MIND Mandalay, BRDH Bariadhala, etc.

26d 17h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GUN Gumba, PKI Pulchoki, PKIN Pulchoki, etc.

IDC 26 17:45:12.3:1.4, 16:29N:120:18E, h0km, mb3.4/5, mbmtmp3.5/5, Error ellipse: s-maj=63.3km s-min=20.6km az=57.0

MAN 26 17:45:13.3:1.6, 29N:119:36E, h4km, mb4.3, ML3.2, MS2.9, ISC 26 17:45:14.2:1.6, 26:28N:107:119:6E:0:1, h10km, m9, c325/10, mb3.5/4, 4C, Luzon

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PCPH Palayan, PACPP Pamplona Cagay, LQP Lujan, etc.

NOU 26 17:53:04.5:42:42S:173:71E, h12km, ML3.9/10, South Island, New Zealand

WEL 26 17:53:05.3:0.5, 42:39S:174:4E:1, h7km, 4km, M3.2/10, ML3.5/9, MLV3.2/10, Error ellipse: s-maj=0.0km s-min=0.0km az=106.1, confirmed

ISC 26 17:53:04.7:1.1, 42:32S:0:03:173:68E:0:04, h19km, 9km, n74, c126/85, South Island

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KHZ Kahutara, BSWZ Blackbirch Sta, CMWZ Cape Campbell, etc.

26d 21h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Castelsantange, Roccaffluvio, Monte Comacci, etc.

2016 DEC

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Cerreto, S.Oreste - Sor, Assisi San Ben, etc.

1920

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Kop Dag, Sangliurfa_Merk, Binjol, Solhan, etc.

26d 23h

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like WRA, ASAR Alice Springs, ASAR, MKAR Makanchi Array.

IDC 26 23:24:15.8;1.4, 3.660N;26.91E, h0km, mb3.5/6, m-bmp3.4/7, ML2.5/1, Error ellipse: s-maj=43.4km s-min=19.6km az=158.0

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like KARP Karpathos, NIS1 Nisyros Is., KOSK Kos Island.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like KOSK Kos Island, KOSK Kos Island, KOSK Kos Island.

SOME 26 23:26:39.7, 43.08N;80.50E, h20km NNC 26 23:26:40.7, 43.09N;80.47E, h11km, 5km, mb3.7, mpv2.8, Error ellipse: s-maj=14.0km s-min=8.2km az=138.0

IDC 26 23:26:40.7;2.7, 43.13N;0.1;80.4E;0.1, h10km, n12, Δ° AZ', Phase ID

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like STIA Sitia Lasithi, BODT Bodrum, BODT Bodrum.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like THR6 Thira Island, THR3 Thira Island, THR3 Thira Island.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like DALY Dalyan (Mula), APE Apeiranthos, APE Apeiranthos.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like GCAM G?zelcaml?, GCAM G?zelcaml?, GCAM G?zelcaml?.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like KSL Kastellorizon, AKAS Kas, AKAS Kas.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like DGB zmir, AYDB Zeytinokoy-Aydi, TAVA DENIZLI_Tavas.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like UURLA Izmir, UURLA Izmir, UURLA Izmir.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like KULA Kula-Manisa, USAK Uak-Merkez, BRTR Keskin Array B.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like ESDC Sonseca Array, GEYT Alibeck, FINES FINESS Array B.

DJA 26 23:25:41.0;0.3, 9°S;4°11'8E, h117km, 4km, M4, 1/16,

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mb4.2/6, MLV4.0/16 IDC 26 23:25:47.8;5.5, 8.16S; 119.02E, h207km, 69km, mb2.9/3, mbmp3.4/4, Error ellipse: s-maj=166.1km s-min=15.2km az=48.0

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like PLAI Plampang, PLAI Plai, TWSI Taliwang, Sumb.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like BASI Baing, Sumba, DNP Denpasar, SRBI Sribi.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like WRA Alice Springs, ASAR Alice Springs, MKAR Makanchi Array.

SOME 26 23:26:39.7, 43.08N;80.50E, h20km NNC 26 23:26:40.7, 43.09N;80.47E, h11km, 5km, mb3.7, mpv2.8, Error ellipse: s-maj=14.0km s-min=8.2km az=138.0

IDC 26 23:26:40.7;2.7, 43.13N;0.1;80.4E;0.1, h10km, n12, Δ° AZ', Phase ID

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like UZB Uzunbulak, UZB Uzunbulak, UZB Uzunbulak.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like DJR Jarkent, DJR Jarkent, DJR Jarkent.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like ZHN Zhnishesk, ZHN Zhnishesk, ZHN Zhnishesk.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like SATY Saty, SATY Saty, SATY Saty.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like I53US FAIRBANKS INFR, I44RU TROPETAPLOVSK21, I59US HAWAII INFRASO.

IDC 26 23:36:53.0;8.0, 35.86N;27.00E, h0km, mb4.0/11, mbmp3.8/18, ML3.6/7, MS3.9/1, Error ellipse: s-maj=19.3km s-min=12.5km az=165.0

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like KARP Karpathos, KARP Karpathos, KARP Karpathos.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like KULA Kula-Manisa, USAK Uak-Merkez, BRTR Keskin Array B.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like ESDC Sonseca Array, GEYT Alibeck, FINES FINESS Array B.

DJA 26 23:25:41.0;0.3, 9°S;4°11'8E, h117km, 4km, M4, 1/16,

1922

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like KOSK Kos Island, ZKR Zakros, ZKR Zakros.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like STIA Sitia Lasithi, STIA Sitia Lasithi, STIA Sitia Lasithi.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like BODT Bodrum, BODT Bodrum, BODT Bodrum.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like THR6 Thira Island, THR6 Thira Island, THR6 Thira Island.

SOME 26 23:26:39.7, 43.08N;80.50E, h20km NNC 26 23:26:40.7, 43.09N;80.47E, h11km, 5km, mb3.7, mpv2.8, Error ellipse: s-maj=14.0km s-min=8.2km az=138.0

IDC 26 23:26:40.7;2.7, 43.13N;0.1;80.4E;0.1, h10km, n12, Δ° AZ', Phase ID

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like UZB Uzunbulak, UZB Uzunbulak, UZB Uzunbulak.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like DJR Jarkent, DJR Jarkent, DJR Jarkent.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like ZHN Zhnishesk, ZHN Zhnishesk, ZHN Zhnishesk.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like SATY Saty, SATY Saty, SATY Saty.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like I53US FAIRBANKS INFR, I44RU TROPETAPLOVSK21, I59US HAWAII INFRASO.

IDC 26 23:36:53.0;8.0, 35.86N;27.00E, h0km, mb4.0/11, mbmp3.8/18, ML3.6/7, MS3.9/1, Error ellipse: s-maj=19.3km s-min=12.5km az=165.0

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like KARP Karpathos, KARP Karpathos, KARP Karpathos.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like KULA Kula-Manisa, USAK Uak-Merkez, BRTR Keskin Array B.

Table with columns: Code, Station Name, Δ° AZ', Time Res, S, P, PG, SG, AML, AML. Includes stations like ESDC Sonseca Array, GEYT Alibeck, FINES FINESS Array B.

DJA 26 23:25:41.0;0.3, 9°S;4°11'8E, h117km, 4km, M4, 1/16,

Table with columns: PRNI, HRFI, EIL, etc. containing station names, coordinates, and technical details.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station data.

Table with columns: ECH, EIBI, EIQS, etc. containing station names and coordinates.

IDC 26 23:59:47.3±0.8, 60°07'N; 141°24'W, h0km, mb3.6/15, mbmp3.6/20, ML3.7/5, MS3.5/5, Error ellipse: s-maj=19.1km s-min=8.7km az=37.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station data.

Table with columns: YUK3, YUK4, YUK4, etc. containing station names and coordinates.

Table with columns: YUK5, YUK6, BMRM, etc. containing station names and coordinates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. containing station data.

27d Oh

SCM	comp=E,751nm,1.0s	IAML	00 01 42.7
SCM	comp=N,638nm,1.5s	IAML	00 02 02.0
SCM	comp=N,638nm,1.5s Sheep Creek Mo baz=116,SNR=28	P	00 00 43.8 +0.3
PAX	Paxson	Pn	00 00 44.9 +0.6
PAX	Paxson	P	00 00 44.7 +0.4
BESE	baz=142,SNR=58	Pn	00 00 46.2 +1.1
BESE	Bessie Mountain	Pn	00 00 44.6 -0.6
BESE	Bessie Mountain	Pn	00 01 37.0 +0.7
M23K	Glacier View Port Water baz=114,SNR=43	Pn	00 00 45.9 +0.3
PWL	Port Wells	Pn	00 00 45.9 -0.3
PWL	Port Wells	Pn	00 00 45.9 -0.3
DOT	Dot Lake	Pn	00 00 48.5 +0.6
DOT	Dot Lake	Pn	00 00 48.9 +1.0
P32M	Atlin	Pn	00 00 47.9 -0.1
P32M	Atlin	Pg	00 00 56.9 +0.2
P32M	Atlin	Pn	00 01 32.7 +0.6
P32M	Atlin	Pn	00 01 45.9 +3.7
P32M	Atlin	Pn	00 00 47.8 -0.1
KNK	Knik Glacier	Pn	00 00 49.2 +0.9
KNK	Knik	IAML	00 01 55.1
KNK	comp=N,416nm,0.9s	IAML	00 01 58.9
KNK	Knik Glacier	P	00 00 48.5 +0.1
M31M	Drury Creek, Y	Pn	00 00 50.3 +1.3
M31M	Drury Creek, Y	IAML	00 01 57.3
M31M	Drury Creek, Y	IAML	00 01 57.7
M31M	Drury Creek, Y	Pn	00 00 50.3 +1.3
M31M	Drury Creek, Y	Pg	00 01 00.3 +2.4
M31M	Drury Creek, Y	Pb	00 00 50.2 +1.2
R32K	Eaglecrest	P	00 00 49.9 +0.6
SML	Sawmill	Pn	00 00 50.4 +1.0
SML	Sawmill	IAML	00 01 52.2
SML	comp=E,364nm,0.8s	IAML	00 02 02.3
SML	comp=N,391nm,1.2s	Pn	00 00 50.0 +0.6
JIS	Sawmill	IAML	00 00 50.6 +0.5
JIS	comp=E,325nm,0.6s	IAML	00 01 51.1
JIS	comp=N,302nm,0.5s	IAML	00 00 53.6 +2.6
RIDG	Independent Ri	Pn	00 00 51.3 +0.4
RIDG	Independent Ri	IAML	00 00 51.5 +0.4
RIDG	Independent Ri	Pn	00 00 50.9 -0.2
WAT6	Susitna Watana	P	00 00 51.3 +0.1
WAT6	Susitna Watana	P	00 00 52.4 +1.3
DAWY	Dawson	IAML	00 01 58.1
DAWY	Dawson	IAML	00 01 58.6
DAWY	comp=E,395nm,0.9s	IAML	00 01 58.6
DAWY	comp=N,350nm,0.8s	IAML	00 01 58.6
DAWY	Dawson	Pn	00 00 52.5 +1.4
DAWY	Dawson	Pn	00 01 39.2 +1.3
DAWY	Dawson	Pn	00 01 53.3 +4.3
DAWY	Dawson	Pn	00 00 52.5 +1.3
DAWY	Dawson	Pn	00 00 52.6 +0.6
SCRK	Sand Creek	P	00 00 53.0 +1.0
SCRK	Sand Creek	Pn	00 00 52.6 +0.6
SCRK	Sand Creek	P	00 00 53.0 +1.0
K29M	Barlow Dome	Pn	00 00 53.9 +1.8
K29M	Barlow Dome	Pn	00 01 58.1 -3.1
K29M	Barlow Dome	Pn	00 00 53.6 +1.5
GHO	Glory Hole Cre	IAML	00 02 04.3
GHO	comp=E,441nm,1.1s	IAML	00 02 04.6
GHO	comp=N,479nm,0.8s	IAML	00 02 11.0
P33M	Teslin, Yukon	IAML	00 00 52.9 -0.2
P33M	Teslin, Yukon	Pn	00 01 41.4 +0.1
P33M	Teslin, Yukon	Pn	00 01 57.7 +4.8
P33M	Teslin, Yukon	Pn	00 00 52.6 -0.5
SEW	Seward	Pn	00 00 52.6 -0.5
SEW	Seward	P	00 00 52.8 -0.3
PMR	Palmer	Pn	00 00 54.1 +0.9
PMR	Palmer	IAML	00 02 10.4
PMR	Palmer	Pn	00 00 55.2 +2.0
DHY	Denali Highway	Pn	00 00 54.4 +0.8
DHY	Denali Highway	Pn	00 00 54.7 +1.1
MAYO	Mayo, Yukon	Pn	00 00 55.5 +1.0
MAYO	Mayo, Yukon	Pn	00 00 56.0 +1.5
MAYO	Mayo, Yukon	Pg	00 01 07.8 +3.1
MAYO	Mayo, Yukon	Pn	00 01 46.0 +2.2
MAYO	Mayo, Yukon	Pn	00 00 56.0 +1.5
O22K	Cooper Landing	Pn	00 00 55.3 +0.5
O22K	Cooper Landing	P	00 00 55.6 +0.8
FARO	Faro, Yukon	Pn	00 00 56.4 +1.3
FARO	Faro, Yukon	IAML	00 02 10.5
FARO	Faro, Yukon	Pn	00 00 56.2 +1.0
FARO	Faro, Yukon	Pg	00 01 08.4 +2.9
FARO	Faro, Yukon	Pn	00 00 56.5 +1.3
SIT	Sitka	Pn	00 00 54.8 -0.7
SIT	Sitka	Pn	00 00 55.9 +0.4
RC01	Rabbit Creek A	Pn	00 00 55.6 0.0
RC01	Rabbit Creek A	IAML	00 02 13.4
RC01	comp=E,193nm,1.3s	IAML	00 02 24.0
RC01	Rabbit Creek A	Pn	00 00 55.8 +0.2
WAT1	Susitna Watana	Pn	00 00 57.7 +0.5
J26L	Joseph Creek	IAML	00 01 54.1
J26L	Joseph Creek	IAML	00 02 17.4
J26L	Joseph Creek	Pn	00 00 59.1 +1.0
J29M	Klondike Camp	Pn	00 01 00.1 +1.8
J29M	Klondike Camp	Pn	00 01 00.2 +2.0
FIS	Fire Island	Pn	00 01 22.1 +1.9
EGAK	Eagle	Pn	00 01 01.3 +1.6
EGAK	Eagle	Pn	00 01 01.4 +1.6
Q32M	Nakina River	Pn	00 01 00.3 +0.1
M22K	Willow	Pn	00 01 02.7 +2.7
BRSE	Bradley Lake S	Pn	00 01 03.9 +1.3
SUA	Susitna One	Pn	00 01 05.2 +2.0
SUA	Susitna One	IAML	00 01 55.0 0.0
SUA	comp=N,196nm,1.7s	IAML	00 02 35.0
SUA	comp=E,187nm,1.0s	IAML	00 01 03.5 +0.3
J25K	Salcha River	Pn	00 01 03.8 +0.5
RND	Reindeer	Pn	00 01 05.6 +2.1
BRLL	Bradley Lake	Pn	00 01 05.5 +2.0
CAPN	Captain Cook N	Pn	00 01 05.5 +0.9
HDA	Harding Lake	Pn	00 01 06.3 +0.7
CNPK	China Foot	Pn	00 01 07.7 +1.1
MCKI	McKinley	Pn	00 01 08.0 +1.3
R33M	Jennings River	Pn	00 01 07.3 -0.1

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R33M	Jennings River	5.19	94	Pn	00 02 07.1 +0.2
R33M	Jennings River	5.32	269	Pn	00 02 28.2 +5.4
R33M	Jennings River	5.35	333	Pn	00 01 09.5 +0.6
HOM	Holmes	5.35	333	Pn	00 01 09.5 -0.1
ILAR	Elson Array	5.35	333	Pn	00 02 36.4
ILAR	Elson Array	5.35	333	Pn	00 01 10.5 +1.1
SKT	Skwentna	5.38	294	Pn	00 01 10.5 +0.7
I29M	Ogilvie Camp	5.39	13	Pn	00 01 11.4 +1.4
I29M	Ogilvie Camp	5.39	13	Pn	00 02 40.0
I29M	Ogilvie Camp	5.39	13	Pn	00 01 12.3 +2.3
WRH	Wood River Hill	5.42	326	Pn	00 01 12.4 +2.6
TRF	Thorofore Moun	5.45	311	Pn	00 01 12.9 +1.8
TRF	Thorofore Moun	5.46	311	Pn	00 01 12.9 +1.8
SPU	Mount Spurr	5.47	286	Pn	00 01 12.7 +1.5
CCB	Clear Creek Bu	5.48	328	Pn	00 01 12.3 +1.1
I27K	Kandik River	5.48	358	Pn	00 01 13.0 +1.7
I27K	Kandik River	5.48	358	Pn	00 02 10.7 +3.0
I27K	Kandik River	5.48	358	Pn	00 02 42.8 -3.3
I27K	Kandik River	5.48	358	Pn	00 01 12.8 +1.5
N20K	Mount Spurr	5.55	286	Pn	00 01 12.9 +0.7
SPCR	Spurr Chakacha	5.55	286	Pn	00 01 12.8 +0.6
BWN	Browne	5.62	320	Pn	00 01 13.2 +0.2
S34M	Telegraph Cree	5.63	109	Pn	00 02 16.6 -0.9
S34M	Telegraph Cree	5.63	109	Pn	00 02 15.5 +6.2
S34M	Telegraph Cree	5.63	109	Pn	00 01 13.5 +0.3
COLA	College	5.67	330	Pn	00 01 14.9 +1.1
TCOL	CIGO, UAF Yank	5.67	330	Pn	00 01 15.0 +1.2
O20K	Slope Mountain	5.75	274	Pn	00 01 16.7 +1.7
PRP	Porcupine Dome	5.75	341	Pn	00 01 15.7 +0.7
POKR	Poker Plat Res	5.77	332	Pn	00 01 16.4 +1.2
POKR	Poker Plat Res	5.77	332	Pn	00 01 16.2 +1.0
RSO	Redoubt South	5.79	278	Pn	00 01 17.5 +1.9
NEA2	Nenana	5.79	324	Pn	00 01 16.0 +0.6
NEA2	Nenana	5.79	324	Pn	00 01 15.9 +0.4
MDM	Murphy Dome	5.84	329	Pn	00 01 17.4 +1.2
DLBC	Dease Lake	5.94	102	Pn	00 01 17.7 +0.7
DLBC	Dease Lake	5.94	102	Pn	00 02 24.7 -0.6
DLBC	Dease Lake	5.94	102	Pn	00 01 19.0 +1.4
DLBC	Dease Lake	5.94	102	Pn	00 01 17.4 +0.2
DLBC	Dease Lake	5.94	102	Pn	00 02 24.4 -1.0
DLBC	Dease Lake	5.94	102	Pn	00 01 17.7 +0.1
Q20K	Shuyak Island	5.96	260	Pn	00 01 18.1 +0.3
PPLA	Purkeypile	5.97	302	Pn	00 01 19.7 +1.7
PPLA	Purkeypile	5.97	302	Pn	00 01 19.0 +1.1
BPBW	Bear Paw Mtn.	6.09	315	Pn	00 01 19.9 +0.3
BPBW	Bear Paw Mtn.	6.09	315	Pn	00 01 20.5 +0.9
M20K	Styx River	6.09	292	Pn	00 01 21.2 +1.6
M20K	Styx River	6.09	292	Pn	00 01 20.7 +1.0
P19K	Oil Pt	6.11	271	Pn	00 01 21.1 +2.2
P19K	Oil Pt	6.11	271	Pn	00 01 21.3 +1.4
H27K	Steamboat Moun	6.11	358	Pn	00 01 21.6 +1.7
H27K	Steamboat Moun	6.11	358	Pn	00 01 21.1 +1.9
H27K	Steamboat Moun	6.11	358	Pn	00 03 02.4 -3.7
H27K	Steamboat Moun	6.11	358	Pn	00 01 21.1 +1.3
CAST	Castle Rocks	6.14	307	Pn	00 01 22.1 +1.8
CAST	Castle Rocks	6.14	307	Pn	00 01 20.0 +0.1
WTLY	Watson Lake, Y	6.17	85	Pn	00 01 21.6 +1.0
WTLY	Watson Lake, Y	6.17	85	Pn	00 03 00.5 -7.4
I23K	Minto, Yukon-K	6.29	326	Pn	00 01 22.7 +0.4
KDAK	Kodiak Island	6.38	253	Pn	00 01 22.1 -1.4
KDAK	Kodiak Island	6.38	253	Pn	00 02 31.7 -4.2
KDAK	Kodiak Island	6.38	253	Pn	00 01 24.0 +0.5
KDAK	Kodiak Island	6.38	253	Pn	00 01 23.8 +0.3
H24K	Noodor Dome	6.48	335	Pn	00 01 25.6 +0.6
T35M	Bob Quinn	6.52	114	Pn	00 01 26.9 +1.4
T35M	Bob Quinn	6.52	114	Pn	00 01 27.3 +1.8
EPYK	Eagle Plains	6.56	16	Pn	00 02 43.8 +3.4
L20K	Farewell, AK	6.57	296	Pn	00 01 26.5 +0.4
O19K	Port Alsworth	6.58	276	Pn	00 01 26.6 +0.3
MLY	Manley	6.61	322	Pn	00 01 29.0 +2.3
MLY	Manley	6.61	322	Pn	00 01 27.5 +0.8
N19K	Bonanza Creek	6.63	282	Pn	00 01 28.8 +1.6
N19K	Bonanza Creek	6.63	282	Pn	00 01 27.9 +0.7
M19K	Big River Lodg	6.68	291	Pn	00 01 28.1 +0.5
M19K	Big River Lodg	6.68	291	Pn	00 01 28.6 +0.9
G27K	Doyon Strip	6.69	358	Pn	00 01 29.9 +2.0
G27K	Doyon Strip	6.69	358	Pn	00 02 43.9 +0.2
G27K	Doyon Strip	6.69	358	Pn	00 01 28.8 +0.9
FYU	Fort Yukon	6.70	346	Pn	00 01 29.4 +1.5
H23K	Yukon River	6.86	330	Pn	00 01 32.8 +2.6
H23K	Yukon River	6.86	330	Pn	00 01 31.5 +1.4
K20K	Telida	6.93	303	Pn	00 01 31.4 +0.3
G26K	Porcupine Riv	6.93	351	Pn	00 01 32.0 +0.9
L19K	White Mountain	6.95	293	Pn	00 01 31.4 0.0
OHAK	Old Harbor	6.98	250	Pn	00 01 30.6 -1.1
OHAK	Old Harbor	6.98	250	Pn	00 01 32.4 +0.6
G25K	Bearman Lake	7.01	344	Pn	00 01 33.3 +1.2
I21K	Tanana	7.10	320	Pn	00 01 36.0 +2.7
I21K	Tanana	7.10	320	Pn	00 01 34.3 +0.9
P18K	Big Mountain	7.16	270	Pn	00 01 36.0 +1.7
G24K	Hadweenciv Riv	7.17	339	Pn	00 01 35.7 +1.4
SVW2</					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MLY Manley, H23K Yukon River, CKRC Cesky Krumlov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BOSA Boshof, ULM Lac du Bonnet, PTBC PUERTO BERRIO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TERO Teramo, LAV9 Lanuvio, MOS 27:00:45, etc.

27d 1h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PLCA Paso Flores, LR03 Panguipulli, etc.

MDD 27 00:49:09.1, 0.37:30N:13:58W, h0km, Mb4.2/13, M_mb3.6/13, Error ellipse: s-maj=7.7km s-min=6.3km az=41.0

INMG 27 00:49:12.8, 1.2, 37:11N:13:86W, h10km, ML2.4, Error ellipse: s-maj=6.2km s-min=5.5km az=67.0

CNRM 27 00:49:20.4, 36.79N, 127.75W, h15km, ml2.8

ISC 27 00:49:10.7-3.1, 37.21N-10.07:13.37W-0.2, h10km, n41, s=256/73, 13C, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PFVI Vila Bisbo, PMAFR Mafra, etc.

2016 DEC

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PBAR Barrancos, PMRV Marv'70, etc.

IDC 27 00:50:52.2, 2.9, 16:52S-177:44W, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=344.6km s-min=35.4km az=158.0, Fiji Islands region

IDC 27 00:53:07.0, 3.2, 49:05S-154:86E, h0km, mb3.6/2, mbtmp3.7/3, ML4.1/1, Error ellipse: s-maj=59.7km s-min=53.0km az=74.0, Bougainville-Solomon Islands region

SOME 27 01:07:17.8, 39:98N:75:30E, h5km, NNC 27 01:07:17.5, 1.5, 39:97N:75:25E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=11.0km s-min=7.7km az=155.0

KRNET 27 01:07:20.2, 0.1, 40:09N:75:25E, h17km, mb2.9

ISC 27 01:07:18.8-1.7, 40.04N-10.07:75.26E-0.03, h10km, n38, s=152/61, 11C-6D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KRVT Keravat, WRA Warramunga Arr, etc.

1928

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TKM2 Tokmak 2, KST Kastele, etc.

27d 2h

22C-11D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ScP. Rows include stations like HNR Honiara, KRVT Keravat, KOUNC Koumac, etc.

2016 DEC

Table with columns: ASAR, ScP, ScP, 02 43 05.9 +0.2. Rows include stations like ASAR comp=Z,1.0nm,0.7s, ASAR Alice Springs, etc.

1930

Table with columns: SRBI, Singaraja, 45.29 269, P, P, 02 38 35.8 -1.2. Rows include stations like SRBI Singaraja, BLDU Balidu, BLDU Balidu, etc.

27d 2h

RIDG	Independent Ri	84.26	21	Iamb	Iamb	02 42 58.8
RIDG	Independent Ri	84.26	21	P	P	02 42 51.1 +1.2
O28M	Mount Upton	84.37	25	P	P	02 42 52.0 +1.2
L26K	Log Cabin Wild	84.38	22	Iamb	Iamb	02 42 59.8
L26K	Log Cabin Wild	84.38	22	P	P	02 42 51.9 +1.4
TIXI	Tiksi	84.39	30	LR	LR	03 20 59.9
TIXI	Tiksi	84.39	35	P	P	02 42 49.8 -0.5
TIXI	Tiksi	84.39	35	ceP	pmax	02 42 50.0 -0.3
G23K	Bananza Creek	84.45	18	P	P	02 42 52.1 +1.3
DOT	Dot Lake	84.48	22	Iamb	Iamb	02 42 59.9
H24K	Noodor Dome	84.54	19	Iamb	Iamb	02 43 01.1
H24K	Noodor Dome	84.54	19	P	P	02 42 52.1 +0.8
M27K	Edge Creek, AK	84.56	23	P	P	02 42 53.0 +1.4
J25K	Salcha River,	84.60	20	Iamb	Iamb	02 43 00.4
J25K	Salcha River,	84.60	20	P	P	02 42 52.5 +0.9
S31K	Pelican	84.69	28	P	P	02 42 53.2 +1.1
SCRK	Sand Creek	84.70	21	Iamb	Iamb	02 43 03.1
SCRK	Sand Creek	84.70	21	P	P	02 42 53.2 +1.0
COLD	Coldfoot	84.75	17	P	P	02 42 53.6 +1.3
Y2K3	Moose Creek	84.80	24	P	P	02 42 54.2 +1.3
O9M9	Mount Kennedy	84.80	26	P	P	02 42 53.9 +1.1
YU8K	Steele Glacier	84.82	25	P	P	02 42 54.8 +1.7
P29M	Windy Craggy	84.83	27	P	P	02 42 54.1 +1.2
E22K	Anaktuvuk Pass	84.92	16	P	P	02 42 54.2 +1.1
L27K	Beaver Creek,	84.97	23	Iamb	Iamb	02 43 03.1
L27K	Beaver Creek,	84.97	23	P	P	02 42 54.6 +1.1
BVCY	Beaver Creek	84.99	23	P	P	02 42 55.3 +1.8
CRAG	Craig	85.08	31	P	P	02 42 55.4 +1.3
PRP	Porcupine Dome	85.10	20	P	P	02 42 54.4 +0.2
J26L	Joseph Creek	85.16	21	P	P	02 42 55.9 +1.4
KMPM	Mount Pierce	85.19	48	Iamb	Iamb	02 43 05.1
G24K	Hadwoencz Riv	85.22	18	P	P	02 42 55.9 +1.3
YU6K	Outpost Mounta	85.22	25	P	P	02 42 56.0 +1.0
WMQ	Urumqi	85.23	316	eP	P	02 42 57.3 +2.0
YU4K	Talbot Arm	85.31	25	P	P	02 42 58.0 +2.5
PLBC	Pleasant Camp	85.35	27	P	P	02 42 56.1 +0.7
P30M	Million Dollar	85.41	26	P	P	02 42 57.5 +1.8
KMRM	Mail Ridge	85.44	48	Iamb	Iamb	02 42 59.4
HYT	Haines Junctio	85.52	26	Iamb	Iamb	02 43 13.3
HYT	Haines Junctio	85.52	26	P	P	02 42 58.0 +1.6
KHMM	Horse Mountain	85.61	47	Iamb	Iamb	02 43 00.5
F24K	Squaw Lake	85.62	17	P	P	02 42 58.1 +1.5
G25K	Bearman Lake	85.68	18	P	P	02 42 58.4 +1.6
GDXM	Geysers	85.70	50	Iamb	Iamb	02 43 00.6
T33K	Petersburg	85.75	30	P	P	02 42 59.0 +1.6
D23K	Namushuk River	85.79	16	P	P	02 42 59.3 +1.9
E24K	Your Creek	85.80	17	P	P	02 42 59.0 +1.5
SKAG	Skagway	85.82	27	P	P	02 42 59.3 +1.6
M29M	Somme Creek	85.95	24	P	P	02 42 59.6 +1.2
HYB	Hyderabad (bro	85.96	288	eP	SKSac	02 42 58.7 -0.7
A21K	Barrow	86.06	13	eSKSac	P	02 43 01.3 +0.6
O30N	Mendenhall	86.10	26	P	P	02 43 00.1 +1.0
SAO	San Andreas Ge	86.16	52	Iamb	Iamb	02 43 10.6
EGAK	Eagle	86.17	21	P	P	02 43 00.8 +1.5
F25K	Christian River	86.34	18	P	P	02 43 01.4 +1.2
C23K	Itkillik River	86.40	15	P	P	02 43 01.8 +1.5
L29M	L29M	86.42	23	P	P	02 43 02.4 +1.7
DAWY	Dawson	86.44	22	P	P	02 43 02.2 +1.5
I27K	Kandik River	86.47	21	P	P	02 43 02.4 +1.5
G26K	Porcupine River	86.53	19	P	P	02 43 03.1 +2.1
WHY	Whitehorse	86.57	26	P	P	02 43 01.9 +0.3
N31M	Bræburn, Yuko	86.58	25	Iamb	Iamb	02 43 04.0
N31M	Bræburn, Yuko	86.58	25	P	P	02 43 03.0 +1.5
YBH	Yreka Blue Hor	86.60	47	LR	LR	03 18 03.8
YBH	Yreka Blue Hor	86.60	47	Iamb	Iamb	02 43 04.9
P32M	Atlin	86.61	28	P	P	02 43 02.3 +0.6
HUMO	Hull Mountain	86.68	46	Iamb	Iamb	02 43 05.3
E23K	Arctic Village	86.68	18	P	P	02 43 03.9 +2.0
M30M	Minto, Yukon	86.69	24	Iamb	Iamb	02 43 12.1
M30M	Minto, Yukon	86.69	24	P	P	02 43 03.4 +1.4
C24K	Franklin Bluff	86.82	16	P	P	02 43 04.0 +1.6
H27K	Steamboat Moun	86.85	20	P	P	02 43 04.5 +1.7
F26K	Sheenjek River	86.86	18	P	P	02 43 04.5 +1.8
SBC	Santa Barbara	86.93	54	P	P	02 43 05.5 +1.7
PKM	Mcperson Peak	86.96	54	P	P	02 43 05.0 +0.8
Q32M	Nakina River	87.00	28	P	P	02 43 03.6 -0.2
J29M	Barlow Dome	87.03	23	P	P	02 43 05.2 +1.5
K29M	Klonkide Camp	87.08	22	P	P	02 43 06.4 +2.5
S34M	Telegraph Cree	87.11	30	P	P	02 43 05.9 +1.8
G27K	Doyon Strip	87.14	19	P	P	02 43 05.6 +1.5
T35M	Bob Quinn	87.17	31	P	P	02 43 05.1 +0.6
P33M	Teslin, Yukon	87.29	27	P	P	02 43 06.1 +1.1
DGZ	Jazzator, Alta	87.30	321	iP	pmax	02 43 06.2 +0.8
DGZ	Jazzator, Alta	87.30	321	pmax	pmax	
M31M	Drury Creek, Y	87.49	25	Iamb	Iamb	02 44 25.2

2016 DEC

M31M	Drury Creek, Y	87.49	25	P	P	02 43 07.0 +1.1
I29M	Oglivie Camp	87.51	21	P	P	02 43 07.2 +1.3
MAYO	Mayo, Yukon	87.54	24	P	P	02 43 07.4 +1.3
CIS	Catalina Islan	87.73	56	P	P	02 43 08.8 +1.1
YES	Vestal, Richgr	87.77	53	P	P	02 43 08.6 +0.8
R33M	Jennings River	87.79	28	P	P	02 43 08.7 +1.2
DLBC	Dease Lake	87.86	29	LR	LR	03 15 44.5
DLBC	Dease Lake	87.86	29	P	P	02 43 08.9 +1.1
MPK	Martis Peak	87.91	50	Iamb	Iamb	02 43 11.4
E27K	Coleen River	87.93	18	P	P	02 43 09.7 +1.8
FARO	Faro, Yukon	87.94	25	P	P	02 43 09.3 +1.3
C26K	Camden Bay	87.97	16	P	P	02 43 10.4 +2.4
C27K	Jago River	88.13	17	P	P	02 43 10.3 +1.6
ISA	Isabella, Lake	88.21	53	Iamb	Iamb	02 43 19.2
ISA	Isabella, Lake	88.21	53	P	P	02 43 11.2 +1.2
MLAC	Mile Creek, M	88.41	51	P	P	02 43 12.0 +1.0
EDW2	Edwards Air Fo	88.41	54	P	P	02 43 12.0 +1.0
PINE	Pine Mountain	88.42	45	Iamb	Iamb	02 43 20.7
BFSC	Mount Baldy Ra	88.53	55	P	P	02 43 12.2 +0.6
EPYK	Eagle Plains	88.58	21	Iamb	Iamb	02 43 26.8
EPYK	Eagle Plains	88.58	21	P	P	02 43 12.7 +1.7
109C	Camp Elliot, M	88.68	56	Iamb	Iamb	02 43 14.7
109C	Camp Elliot, M	88.68	56	P	P	02 43 13.6 +1.4
CWC	Cottonwood Cre	88.70	53	P	P	02 43 13.8 +1.4
TIN	Tinena, Big	88.73	52	P	P	02 43 13.8 +1.3
MURC	Murrieta	88.76	56	P	P	02 43 13.6 +1.0
LRMC	Laurel Mtn Rad	88.80	54	P	P	02 43 14.8 +2.0
BAR	Barrett	88.99	57	Iamb	Iamb	02 43 16.1
NVAR	Mina Array Bea	89.00	51	P	P	02 43 15.1 +1.3
DSP	Deep Springs	89.01	52	Iamb	Iamb	02 43 16.5
G30M	Aach Zrait Hji	89.05	20	P	P	02 43 14.4 +1.2
MPMC	Manual Prospec	89.08	53	P	P	02 43 15.7 +1.4
MONP	Monument Peak	89.24	57	P	P	02 43 16.6 +1.5
KVN	Kaiserville	89.30	50	Iamb	Iamb	02 43 25.3
PFO	Pinyon Flats O	89.37	56	LR	LR	03 15 18.7
PFO	Pinyon Flats O	89.37	56	P	P	02 43 15.2 -0.3
PFO	Pinyon Flats O	89.37	56	P	P	02 43 16.4 +0.9
PFO	Pinyon Flats O	89.37	56	eP	pmax	02 43 15.6 0.0
PFO	Pinyon Flats O	89.37	56	pmax	pmax	
TPPO	Pinon Flats	89.37	56	P	P	02 43 16.4 +0.9
PRAC	Grapevine Rang	89.39	52	P	P	02 43 16.8 +1.3
GMD	Palm Desert	89.44	56	Iamb	Iamb	02 43 25.6
ESJX	Sierra Juarez	89.44	57	Iamb	Iamb	02 43 26.5
IKP	In-Ko-Pah, Jac	89.45	57	P	P	02 43 17.2 +1.4
GSC	Goldstone, Bar	89.45	54	Iamb	Iamb	02 43 18.3
GSC	Goldstone, Bar	89.45	54	P	P	02 43 17.3 +1.4
RMX	La Rumorosa	89.46	57	Iamb	Iamb	02 43 26.4
I07A	I07A	89.50	45	Iamb	Iamb	02 43 18.8
MZP	Montezuma Peak	89.54	52	Iamb	Iamb	02 43 26.3
YUH	Yuha Desert	89.60	57	Iamb	Iamb	02 43 26.0
FURC	Furnace Creek,	89.67	53	P	P	02 43 18.4 +1.7
HEC	Hector, Ludlow	89.73	55	P	P	02 43 18.5 +1.3
MK31	Makanchi Array	89.74	318	eP	P	02 43 16.1 -0.8
MKAR	Makanchi Array	89.74	318	P	P	02 43 17.2 +0.3
MKAR	Makanchi Array	89.74	318	LR	LR	03 23 29.7
GWY	Greenwater Val	89.75	53	Iamb	Iamb	02 43 27.1
SWSC	San W. Stewart	89.76	57	P	P	02 43 18.5 +1.3
BELC	Belle Mtn, Jos	89.82	56	P	P	02 43 18.8 +1.1
WCT	Wildcat Mounta	89.92	53	Iamb	Iamb	02 43 20.5
MAK2	Makanchi	89.95	318	P	P	02 43 17.1 -0.8
MAK2	Makanchi	89.95	318	pmax	pmax	
SHOC	Shoshone, Teco	90.01	54	P	P	02 43 19.8 +1.4
HAWA	Hanford	90.06	43	Iamb	Iamb	02 43 20.7
F31M	Tsigeich	90.12	21	P	P	02 43 18.8 +0.7
ZALV	Zalesovo Beam	90.16	325	P	P	02 43 17.9 -0.7
ZALV	Zalesovo Beam	90.16	325	LR	LR	03 26 12.4
ZALV	Zalesovo Beam	90.16	325	iP	P	02 43 21.2 +2.6
ZALV	Zalesovo Beam	90.16	325	pmax	pmax	
G08A	Pilot Rock	90.18	44	Iamb	Iamb	02 43 28.4
TUQ	Turquoise Moun	90.19	54	P	P	02 43 20.8 +1.5
BC3	Big Chuckawall	90.19	56	P	P	02 43 20.6 +1.2
TPNV	Topopah Spring	90.25	53	Iamb	Iamb	02 43 29.6
TPNV	Topopah Spring	90.25	53	P	P	02 43 21.0 +1.3
GMRC	Granite Mounta	90.26	55	P	P	02 43 21.0 +1.3
BMN	Battle Mountai	90.28	49	Iamb	Iamb	02 43 22.3
E08A	Dider Farm, El	90.40	43	Iamb	Iamb	02 43 30.0
IRM	Iron Mountain	90.55	56	P	P	02 43 22.5 +1.6
GLA	Glamis	90.58	57	P	P	02 43 22.8 +1.6
INK	Inuvik	90.59	20	P	P	02 43 20.4 +0.2
INK	Inuvik	90.59	20	LR	LR	03 20 06.0
INK	Inuvik	90.59	20	P	P	02 43 20.7 +0.5
D08A	Wollman Farm,	90.63	42	Iamb	Iamb	02 43 23.2
B08A	Colville Reser	90.69	41	Iamb	Iamb	02 43 22.7
BLVC	Blythe	90.97	56	Iamb	Iamb	02 43 35.7

1932

SHPR	Sheep Range	91.02	53	Iamb	Iamb	02 43 32.8
R11A	Troy Canyon, C	91.06	51	Iamb	Iamb	02 43 33.4
R11A	Troy Canyon, C	91.06	51	P	P	02 43 24.7 +1.2
WTKN	Soaring Height	91.07	54	Iamb	Iamb	02 43 35.4
V12A	Nelson	91.10	54	Iamb	Iamb	02 43 26.1
BMO	Blue Mountains	91.21	45	Iamb	Iamb	02 43 33.7
C09A	Christan Ranch	91.24	42	Iamb	Iamb	02 43 25.1
ELK	Elko	91.82	49	LR	LR	03 17 09.7
ELK	Elko	91.82	49	Iamb	Iamb	02 43 37.0
MFID	Camas Ranch	91.94	46	Iamb	Iamb	02 43 37.4
214A	Organ Pipe Nat	92.05	58	P	P	02 43 29.1 +1.1
NEW	Newport	92.10	41	LR	LR	03 19 03.3
SPR3	Spring Creek 3	92.16	51	Iamb	Iamb	02 43 38.0
PLID	Pearl Lake	92.17	45	Iamb	Iamb	02 43 37.7
WRGLY	Wright	92.54	26	P	P	02 43 30.8 +1.4
LCMT	Little Creek M	92.62	53	Iamb		

1935

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

IDC 27 03:46:22.9.2.0.63:02Nk:148:88W, h84km, 30km, mb2.9/2, mbmp3.3/5, MS3.5/1, Error ellipse: s-maj=36.5km s-min=17.6km az=122.0

AEIC 27 03:46:23.3.0.8.62:98N.0:03:148:92W.0:06, h78km, 4km, ML3.3, ML3.6/150(NEIC), Error ellipse: s-maj=4.6km s-min=3.5km az=52.0

NEIC 27 03:46:23.4.0.7.62:97N.0:03:148:90W.0:07, h81km, 3km, Error ellipse: s-maj=4.7km s-min=3.9km az=66.0

ISC 27 03:46:23.0.0.9.62:98N.0:03:148:90W.0:03, h82km, 6km, n180, o063/191, Central Alaska

Main table for 1935 with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

2016 DEC

Main table for 2016 DEC with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

27d 3h

Main table for 27d 3h with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

KRSC 27 03:58:05.9.1.4.53:37Nk:161:93E, h60km, 20km, ML4.3 ISC-EH 27 03:58:08.2.53:48N.161:79E, h25km, Error ellipse: s-maj=7.3km s-min=4.0km az=145.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like MKZ, MYK, SPN, NLY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like SONM, YKA, SPITS, etc.

IDC 27 04:02:51.614, 1.596S-154.27E, h0km, mb3.2/2, mbTmP3.32, MS2.8/1, Error ellipse: s-maj=212.3km s-min=54.6km az=126.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like PMG, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like TGY, LUBP, LQP, etc.

IDC 27 04:07:36.610, 5.143N; 119.93E, h0km, mb4.3/23, mbTmP4.323, MS3.8/27, Error ellipse: s-maj=24.2km s-min=11.2km az=70.0, MAN 27 04:07:43.4, 15.55N; 119.79E, h28km, mb5.3, ML4.3, MS4.5, ISC-EH 27 04:07:45.9, 15.51N; 119.92E, h69km, 7km, Error ellipse: s-maj=10.0km s-min=5.0km az=69.0, NEIC 27 04:07:47.3, 1.9, 15.5N; 0.1:120.0E:2, h80km, 8km, mb4.6/18, Error ellipse: s-maj=24.0km s-min=15.0km az=81.0

IDC 27 04:07:46.210, 15.52N; 119.93E:0.08, h73km, 10km, n94, 0:122.86, mb4.5/41, 6C-7D, Luzon region

Table with columns: Station Name, Frequency, Azimuth, Elevation, SNR, etc. Includes stations like ARCES ARCES Array B, ILAR Eisele Array, SPITS Spitsbergen Ar, etc.

TAP 27 04:11:34.2, 0.0, 42°30'N, 121°37'E, h20km, ML2.7, D, Taiwan region

Main table for TAP 27 with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Lists many stations like LAY Lan-yu, LYUB Lan-yu, TSEB Hengchuen, etc.

ROM 27 04:11:34.2, 0.0, 42°30'N, 121°37'E, h20km, ML2.7, D, Taiwan region

Table for ROM 27 with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Lists stations like T1245 Castelsantange, T1245 Eisele Array, etc.

Main table for 2016 DEC with columns: Station Name, Frequency, Azimuth, Elevation, SNR, etc. Includes stations like T1245 Castelsantange, MC2 Monte Cornacci, T1218 Civita (PG), etc.

Main table for 27d 4h with columns: Station Name, Frequency, Azimuth, Elevation, SNR, etc. Includes stations like CESI CESI - Serrava, T1243 Rocca Santa Ma, T1219 Muccia, Frazio, etc.

27d 5h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FOSV, CING, MURB, FAGN, VCEL, PP3, SSFR, ARVD, SRES, MG10, T010, FRON, NARO, etc.

ICD 27 04:16:36.7-1.2, 14N:145.55E, h85km, 10km, mb3.8/1.4, mtbpd4.1/14, MS3.3/1, Error ellipse: s-maj=25.0km s-min=15.0km az=97.0

NEIC 27 04:16:38.5-1.7, 14.04N:0.07:145.5E:0.1, h92km, 7km, mb4.5/34, Error ellipse: s-maj=17.5km s-min=6.2km az=120.0

ISC-EH 27 04:16:38.9-1.1, 11N:145.47E, h100km, Error ellipse: s-maj=9.4km s-min=4.5km az=119.0

ISC 27 04:16:38.6-0.5, 14.07N:0.08:145.5E:0.1, h100km, n65, s=089/58, mb4.4/32, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO, PATS, KRVT, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, FAKI, JGF, WB0, WRAB, WB2, WRA, KLR, AS31, ASAR, ASAR, CMAR, STKA, BBOO, NWAO, MK31, MK31, MKAR, MKAR, ZALV, N19K, K20K, CNPM, KURK, BRLL, PPLA, PPLA, SKT, SKT, CAST, O22K, IMAR, RC01, H21K, PWL, KNK, MLY.

NEIC 27 04:49:53.1-1.4, 51.2N:0.2:172.99W:0.09, h100km, 2km, mb3.8/30, Error ellipse: s-maj=28.8km s-min=8.8km az=189.0

ICD 27 04:49:53.1-1.4, 51.57N:173.39W, h0km, mb3.5/7, mtbpd3.5/8, ML3.8/1, Error ellipse: s-maj=38.1km s-min=27.1km az=162.0

ISC 27 04:49:58.5-1.0, 51.5N:0.2:173.05W:0.08, h37km, n53, s=137/48, mb3.8/12, Andraonof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ADK, KIWB, NIKH, SEW, CUT, GHO, GHO, KNK, KNK, KTH, SML, SMC, KLU, KLU, DHY, DHY, M24K, I23K, I23K, WRH, WRH, N25K, CCB.

2016 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DHY, WRH, MDM, IL31, IL31, ILAR, ILAR, J26L, J26L, ILAR, J25K, VREDI, ISLE, BMAR, KKRAT, EGAK, EGAK, P29M, P29M, INK, INK, ABKAR, ABKAR, NVAR, NVAR, ARCES, ARCES, FINES, FINES, PDAR, PDAR, DBIC, DBIC.

ICD 27 04:28:55.2-0.9, 10.56S:161.26E, h0km, mb3.9/9, mtbpd4.0/11, ML3.7/2, MS3.6/10, Error ellipse: s-maj=33.0km s-min=20.6km az=126.0

ISC 27 04:28:01.5-0.8, 10.76S:160.00E:0.09:161.3E:0.1, h50km, n18, s=202/14, mb3.8/9, MS3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR, HNR, HNR, DZR, DZR, DZM, PMG, CTA, CTA, MSVF, AFI, WRA, WRA, STKA, ASAR, ASAR, GUMO, PPT, VVDA, MAW, ILAR, NVAR, MKAR, ZALV, YKA.

NEIC 27 04:49:53.1-1.4, 51.2N:0.2:172.99W:0.09, h100km, 2km, mb3.8/30, Error ellipse: s-maj=28.8km s-min=8.8km az=189.0

ICD 27 04:49:53.1-1.4, 51.57N:173.39W, h0km, mb3.5/7, mtbpd3.5/8, ML3.8/1, Error ellipse: s-maj=38.1km s-min=27.1km az=162.0

ISC 27 04:49:58.5-1.0, 51.5N:0.2:173.05W:0.08, h37km, n53, s=137/48, mb3.8/12, Andraonof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ADK, KIWB, NIKH, SEW, CUT, GHO, GHO, KNK, KNK, KTH, SML, SMC, KLU, KLU, DHY, DHY, M24K, I23K, I23K, WRH, WRH, N25K, CCB.

1938

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MDM, HDA, IL31, ILAR, IL03, H24K, J25K, J25K, SCRK, PRP, PRP, J26L, J26L, L27K, EGAK, EGAK, BMAR, DAWY, DAWY, HYT, HYT, INK, INK, YKA, YKA, YKA, H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, PDAR, PDAR, SONM, SONM, TXAR, TXAR, H9A, ARCES, MKAR, MKAR, ASAR, ASAR.

MDD 27 04:52:02.7-0.5, 38.01N:0.74W, h12km, 4km, mb Lg1.8/9, 1D, Error ellipse: s-maj=3.3km s-min=2.0km az=109.0, Spain

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EMUR, EMUR, AFON, AFON, EZAR, EZAR, TLOR, TLOR, ELOR, ELOR, ETOB, ENJ, ENJ, ECH, ECH, EQES, EQES, EIBI, EIBI, EQES, EQES, EMOS, PSIM, PSIM, EGOR, EGOR, ETOR, ETOR, EMJ, EMJ.

INET 27 05:14:23.7-2.0, 12.94N:88.71W, h15km, 27km, MW4.7, ICD 27 05:14:23.4-0.7, 13.16N:88.25W, h66km, 5km, mb4.1/19, mtbpd4.2/20, MS3.8/31, Error ellipse: s-maj=22.5km s-min=10.9km az=55.0

NEIC 27 05:14:24.2-2.1, 12.93N:0.07:88.65W:0.07, h69km, 6km, mb4.6/20, M4K 6/22, M4D5/0(SNE)T, Error ellipse: s-maj=12.4km s-min=6.8km az=223.0, Moment Tensor Solution, Moment tensor: Scale 1019N; Mv:5.33; Mw:5.35; Mm:0.02; Ms:0.25; Mx:0.64; My:0.51; Fault plane: strike: M9.38000:1015 NP1:126.87000: 673.83000: 1.106.74000: NP2:259.66000: 823.11000: 145.19000: Principal axes: T 10.0349, Plg58.0000, Azm59.0000: N -1.4880, Plg16.0000: Azm302.0000: P -8.5470, Plg27.0000: Azm204.0000:

ISC-EH 27 05:14:24.1, 13.01N:88.67W, h72km, 1km, Error ellipse: s-maj=5.4km s-min=2.4km az=44.0

SNET 27 05:14:25.7-1.8, 13.08N:88.68W, h51km, ML5.0, GNET 27 05:14:27.3-0.5, 13.14N:88.78W, h44km, 75km, MD4.5, ICD 27 05:14:23.0-0.5, 12.98N:0.05:88.69W:0.03, h70km, 4km, n456, s=117/37, mb4.6/108, 5D, Off coast of central America

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ALJI, COEB, COEB, COEB, PACA, PACA.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PACA Pacayal, SNVI San Vicente, POSSE Presa 15 de Se, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like WLAB White Oak Lake, HPIG White Oak Lake, W52A Librum, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like NOKA Waynoka, KAN08 Caldwell North, KAN01 Argonia South, etc.

1941

Table of seismic events for 1941, including stations like Sierra Bellavita, Santo Domingo, Villa Florida, CPUP, CPUB, etc., with columns for station name, time, magnitude, and location details.

2016 DEC

Table of seismic events for 2016 DEC, including stations like MKAR Makanchi Array, ARCES ARCESS Array B, HOPE Hope Point, VNA1 Neumayer-Stat, etc., with columns for station name, time, magnitude, and location details.

27d 7h

Table of seismic events for 27d 7h, including stations like ISC 27 06:27:48.2, AML Almayashu, UCH Uchto, EK2E Erkin-Say, etc., with columns for station name, time, magnitude, and location details.

ISC 27 06:37:32.42.5, 10.56S; 161.48E, h47km, 2.1km, mb3.4/5, mbmp3.9/7, ML3.7/2, Error ellipse: s-maj=28.9km, s-min=15.0km az=61.0

ISC 27 06:37:33.51.0, 10.65S; 0.1x161.5E:0.1, h61km, n8, c151/10, mb3.5/5, Bougainville-Solomon Islands region

ISC 27 06:38:58.5.2.9, 32.43N; 140.72E, h54km, 27km, mb3.2/4, mbmp3.5/5, ML2.6/1, Error ellipse: s-maj=35.3km s-min=19.8km az=89.0

JMA 27 06:38:59.2.0.1, 32.62N; 0.4x140.9E:0.8, h53km, MV3.7/24, E OFF HACHUJOUJIMA ISLAND

ISC 27 06:38:58.5.2.0, 32.53N; 100.8:0.4x140.9E:0.1, h56km, 19km, n15, c18/00/27, mb3.6/4, Southeast of Honshu

OSPL 27 06:40:11.6:0.8, 18.34N; 72.98W, h0km, 4km, ML2.4 SSNC 27 06:40:11.1:1.1, 18.06N; 73.06W, h8km, 9km, MD3.4

ISC 27 06:40:10.4.3.1, 18.41N; 0.1x72.93W:0.05, h9km, 19km, n10, c059/20, Haiti region

DNK 27 05:59:40.5:2.8, 80.71N; 1.84W, h36km, 32km, ML1.6 BER 27 05:59:39.2:2.5, 80.79N; 1.68W, h10km, ML1.6, Confirmed Earthquake, North of Svalbard

ISC 27 06:16:13.0:4.1, 29.07S; 176.12W, h0km, mb3.7/3, mbmp3.7/3, MS3.1/1, Error ellipse: s-maj=766.1km s-min=166.3km az=95.0, Kermadec Islands region

ISC 27 07:01:34.1:2.5, 48S; 153.91E, h0km, mb3.9/4, mbmp3.9/5, ML3.4/1, Error ellipse: s-maj=56.0km s-min=43.5km az=97.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like KURBB Kurchatov Arra and MKAR Makanchi Array.

ICD 27 08:44:55.6:0.9, 37.276N, 72.65E, h0km, mb4.0/17, mbtmp4.0/24, ML3.9/7, Error ellipse: s-maj=17.5km s-min=15.0km az=168.0

MOS 27 08:45:05.3:1.1, 37.57N, 72.56E, h64km, mb4.5/5, Error ellipse: s-maj=10.4km s-min=6.0km az=88.1

NEIC 27 08:45:05.3:1.3, 37.53N, 0.06:72.5E:0.1, h71km, 17km, mb4.4/4, Error ellipse: s-maj=12.1km s-min=8.6km az=77.0

ISC 27 08:45:04.3:0.5, 37.49N, 0.05:72.60E:0.05, h64km, n82, az=234/88, mb3.8/19, 4C-6D, Tajikistan

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like CHGR Chuyangaron and KSH Kashi.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like CEP Cherat and CHCP Chirah Chowk.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like AAK Ala-Archa and AAK ULHL.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like THN Thein Dam and THN.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like CHMS Chumysh and KK31 Karatay Array.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like KK31 Karatay Array and MDOK Kundal.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like GEYT Alibeck and GEYT.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like GYA0B ALIBECK ARRAY and MK31 Makanchi Array.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like MKAR Makanchi Array and KURBB Kurchatov Arra.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like KURBB Kurchatov and AB31 Akbulak array.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like BRVK Borovoye and DGZ Jazztar, Alta.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like AKTO Aktyubinsk and AKTO.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like AKTO Aktyubinsk and ZAAO Zalesovo Array.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like ZALV Zalesovo Beam and ZALV.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like AKBB and FIA1 FINESS Array S.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like FIA1 FINESS Array B and ARCES ARCESS Array A.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like ARCES ARCESS Array B and CLL Collm.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like NOA NORRAR Array B and TIXI Tiksi.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like ESDC Sonseca Array and TORD Tori Arr. Bea.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like INK Inuvik and ILAR Eielson Array.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like YKA Yellowknife Arr and WRA Warramunga Arr.

ICD 27 08:59:34.9:2.8, 18.01S: 175.86W, h0km, mb4.2/4, mbtmp4.2/4, Error ellipse: s-maj=51.2km s-min=145.0km az=75.0

NEIC 27 08:59:36.7:1.0, 18.01S:0.2:175.9W:0.1, h10km, 2km, mb4.6/14, Error ellipse: s-maj=28.0km s-min=15.9km az=165.0

ISC 27 08:59:39.4:1.0, 17.95S:0.3:175.9W:0.2, h35km, n20, az=110/20, mb4.5/10, Tonga Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like AFI Afiamalu and OUCEN Ouen Island, N.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like CTA Charters Tower and CTAO Charters Tower.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like TOO Toolangi and STKA Stephens Creek.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like STKA Stephens Creek and BBOO Buckleboob.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like WR0 Warramunga Arr and WB0 Warramunga Arr.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like WB2 Warramunga Arr and WRAB Tennant Creek.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like WRAB Tennant Creek and WRA Warramunga Arr.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like WRA Warramunga Arr and AS31 Alice Springs.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like ASAR Alice Springs and ASAR Alice Springs.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like LVC Limon Verde and PB12 IPOC Station P.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like BBOD La Paz, Gloria and PB07 IPOC Station P.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like AP01 Chacalluta and PB03 IPOC Station P.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like PB03 IPOC Station P and LPAZ La Paz.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like LPAZ La Paz and PB06 IPOC Station P.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like PB06 IPOC Station P and ACIV.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like ACIV and AC02 Maricunga.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like AC02 Maricunga and AC06 Mina Casimiro.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like AC06 Mina Casimiro and GO03 Copiap.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like GO03 Copiap and PTBL Pontes e Lacer.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like PTBL Pontes e Lacer and VILB Vilher.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like VILB Vilher and AC04 Llanos de Chal.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like AC04 Llanos de Chal and AC05 El Transito.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like AC05 El Transito and ETMB Extrema.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like ETMB Extrema and LCO Llanos Capananas.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like LCO Llanos Capananas and AQDB Aiquidauana.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like AQDB Aiquidauana and CO01 Juntas del Tor.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like CO01 Juntas del Tor and CPUP Villa Florida.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations like CPUP Villa Florida and RVDE Rio Verde.

2016 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, Azimuth, Elevation, etc. Includes stations like J26L, MENT, L26K, ZALV, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, Azimuth, Elevation, etc. Includes stations like SORM, SORM, MLLM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, Azimuth, Elevation, etc. Includes stations like MHZC, OHWZ, PRWZ, etc.

27d 9h

ICD 27 09:32:33.97.0.4:91N:97.00E, h0km, mb3.3/3, mbmp3.3/3, Error ellipse: s-maj=380.9km s-min=32.5km az=57.0

ICD 27 09:52:32.6:1.3, 44:24N:128:81W, h0km, mb3.7/8, mbmp3.6/14, ML3.3/26, MS3.6/4, Error ellipse: s-maj=31.8km s-min=13.1km az=39.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, h, s, ISC, etc. Includes stations like LHMI, LHMI, MLSI, etc.

Table with 4 columns: BIPH, Bislig, 1.66 13UeP, Pn, 11 11 04.6 -0.4

VAO 27 11:22:17.9-0.6, 201.36S; 68.73W, h105km, 5km, mb4.5
NEIC 27 11:22:17.7-0.3, 201.48S; 0.04-68.84W, 0.08, h114km, 7km,
mb4.2/12, Mw4.1/25, ML4.2(GUC), Error ellipse:
s-maj=10.9km, s-min=5.2km, az=87.0, Moment Tensor
Solution. Moment tensor: Scale 10^19Nm, Mrr:0.01;
Mss:0.51; Mss:0.52; Mss:0.25; Mss:0.84; Mrr:1.41; Fault
plane solution: Mo1.53000x10^15 NP1:az=255.00000°,
s40.34000°, λ-0.13000°. NP2:az=345.10000°, s89.91000°,
λ-130.34000°. Principal axes: T 1.5591, Plg33.0000°,
Azim108.0000°; N -0.0663, Plg40.0000°, Azim345.0000°;
P -1.4927, Plg33.0000°, Azim222.0000°;
IDC 27 11:22:18.7-0.8, 201.48S; 68.59W, h111km, 6km, mb3.9/7,
mb1mp4.4/10, Error ellipse: s-maj=22.2km s-min=8.7km
az=109.0

GUC 27 11:22:19.0-1.7, 201.49S; 68.83W, h111km, 9km, ML4.2
ISC 27 11:22:17.2-0.5, 201.48S; 0.03-68.80W, 0.05, h113km, 4km,
n146, s124/159, mb4.0/8, 12C-3D, Chile-Bolivia border
region

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like IPOC Station P, Chusmiza, Humberto, etc.

Main table with columns: RVDE, Rio Verde (Bra, SALV, PP1B, etc.), 13.13 86 eP, Pn, 11 25 17.9 -1.7

Table with columns: FOZ, Fox Glacier, 1.65 239 P, Pn, 11 27 27.5 +0.4

ROM 27 11:33:00.5±0.0, 42.749N; 0.001x13.230E±0.002,
h12km, ML1.7/19, 16C-10D, Error ellipse: s-maj=0.1km
s-min=0.1km az=84.0, Central Italy

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Arquata del Tr, etc.

Table with columns: PZH, PanZhiHua, 95.42, 201, P, P, 11 52 11.8 +2.6. Includes stations like PanZhiHua, Yellowknife Arr, Makanchi Arr, Lac du Bonnet, etc.

IDC 27 11:46:24.8, 1.4, 42.285x173.73E, h0km, mb3.4/2, mbmp3.6/4, ML4.1/1, Error ellipse: s-maj=47.2km s-min=29.1km az=146.0

NOU 27 11:46:26.1, 42.565x173.89E, h1km, MLV4.3/8, South Island, New Zealand

NEIC 27 11:46:28.0, 1.4, 42.42S, 0.02, 173.79E, 0.05, h17km, 4km, mb4.4/8, Error ellipse: s-maj=5.3km s-min=3.4km az=101.0

WEL 27 11:46:28.3, 42.53x17.47E, h130km, 4km, M3.9/12, ML4.2/12, MLV3.9/12, Error ellipse: s-maj=0.0km s-min=0.0km az=82.8, confirmed

ISC 27 11:46:27.0, 0.9, 42.49S, 0.03, 173.87E, 0.03, h20km, 3km, n142, c1553/153, mb4.3/3, South Island

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations like Kahutara, Blackbirch Sta, etc.

Table with columns: TRVZ, Tuoroa, 3.43, 22, P, Pb, 11 47 24.7 -2.5. Includes stations like Tuoroa, Otahua Downs, etc.

WRO Warramunga Arr 39.95 292 P Iamb Iamb 11 54 00.8 +0.7

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 01.6 +0.1

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

WRA Warramunga Arr 40.10 292 P Iamb Iamb 11 54 00.2 -1.2

WRA Warramunga Arr 40.19 292 P Iamb Iamb 11 54 01.9 -0.3

Table with columns: JCJ, 36nm, 0.6, baz=319, slow=22, SNR=1.2, S, Sn, 11 52 21.7 -8.6. Includes stations like Chichijima, Ussuriysk Arr, etc.

ZALV Zalesovo Beam 42.23 313 P P 11 56 25.7 +0.4

ZALV Zalesovo Beam 42.23 313 P P 11 56 25.7 +0.4

ZALV Zalesovo Beam 42.23 313 P P 11 56 25.7 +0.4

ZALV Zalesovo Beam 42.23 313 P P 11 56 25.7 +0.4

ZALV Zalesovo Beam 42.23 313 P P 11 56 25.7 +0.4

ZALV Zalesovo Beam 42.23 313 P P 11 56 25.7 +0.4

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ZALV Zalesovo Beam 42.23 313 P P 11 56 25.7 +0.4

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ZALV Zalesovo Beam 42.23 313 P P 11 56 25.7 +0.4

ZALV Zalesovo Beam 42.23 313 P P 11 56 25.7 +0.4

ZALV Zalesovo Beam 42.23 313 P P 11 56 25.7 +0.4

ZALV Zalesovo Beam 42.23 313 P P 11 56 25.7 +0.4

ZALV Zalesovo Beam 42.23 313 P P 11 56 25.7 +0.4

27d 12h

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like ANAR, SHRT, NASN, etc.

2016 DEC

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KIV, KISLOVODSK, EKSZ, etc.

1954

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like VORR, KURB, KURK, etc.

27Z 13h

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like Denniston North, Queen's Hill, and various regional stations.

2016 DEC

Table listing radio stations with columns for call sign, name, frequency, and power. Includes Warramunga Arr, Warramunga Arr, and various local stations.

1956

Table listing radio stations with columns for call sign, name, frequency, and power. Includes WBO, WRAB, WRA, WRR, and various regional stations.

ROM 27 12:46:13.8...

Table listing radio stations with columns for call sign, name, frequency, and power. Includes FEM, FEMO, FDMO, and various regional stations.

Code Station Name

Table listing radio stations with columns for call sign, name, frequency, and power. Includes FEM, FEMO, FDMO, and various regional stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like KTH, H21K, ZALV, ZALV, MCK, etc.

ICD 27 13:25:22.0, 0.7, 3.97S, 152.14E, h0km, mb4.0/10, mblmp4.1/11, ML3.9/1, MS3.8/25, Error ellipse: s-maj=29.6km s-min=9.7km az=98.0

NEIC 27 13:25:25.2, 0.18, 3.81S, 0.03:152.1E:0.1, h10km, 1km, mb4.6/20, Error ellipse: s-maj=23.3km s-min=5.4km az=95.0

ISC 27 13:25:27.9, 0.7, 3.95S, 0.06:152.2E:0.1, h35km, n62, o152/42, mb4.5/19, MS3.8/23, New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like RABL, KRVT, PMG, CTB, CTG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like YAK, KDOK, TIXI, J20K, etc.

SNET 27 13:32:04.9, 1.1, 12.66N, 88.32W, h14km, 999km, ML2.9

INET 27 13:32:05.1, 0.2, 12.69N, 88.18W, h14km, 3km, MW2.8

ISC 27 13:32:03.2, 4.1, 12.68N, 0.2:88.3W:0.1, h23km, 23km, n5, o26/10, Off coast of central America

ICD 27 13:40:06.8, 3.2, 2.10N, 128.38E, h170km, 38km, mb3.5/6, mblmp3.9/7, Error ellipse: s-maj=74.7km s-min=14.8km az=66.0

NEIC 27 13:40:15.7, 0.2, 1.4N, 0.3:128.8E:0.2, h190km, 20km, mb3.4/8, Error ellipse: s-maj=45.7km s-min=12.0km az=217.0

ISC 27 13:40:04.8, 0.9, 2.1N, 0.2:128.3E:0.2, h150km, n17, o57/16, mb4.1/9, Halmahera

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like POSS, SCLA, CRIN, SJTE, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like S/JMP, OCLP, WRA, etc.

ATH 27 14:00:24.6, 40.55N, 19.98E, h12km, 5km, ML2.3/9, Error ellipse: s-maj=5.3km s-min=1.5km az=175.0

TIR 27 14:00:24.3, 40.48N, 20.08E, h1km, 2km, Md2.7, ML2.4

ISC 27 14:00:24.5, 1.7, 40.51N, 0.04:20.04E:0.04, h6km, 14km, n21, o57/27, Greece-Albania border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like LSK, KBN, KRN, etc.

ICD 27 14:03:20.2, 0.7, 53.05N, 162.88W, h0km, mb4.1/26, mblmp4.1/29, ML4.0/3, Error ellipse: s-maj=20.8km s-min=1.1km az=4.0

ANF 27 14:03:21.5, 1.3, 52.96N, 162.86W, h1 km, 10km, ML4.2/7, Error ellipse: s-maj=7.1km s-min=5.1km az=172.0

NEIC 27 14:03:21.7, 2.2, 53.02N, 0.09:162.93W:0.10, h10km, 1km, mb4.3/33, ML4.1/10, ML4.0(AEIC), Error ellipse: s-maj=15.7km s-min=5.0km az=167.0

27d 14h

Code	Station Name	Lat	Long	Phase	ID	Time	Res	ISC
FALS	False Pass	1.90	350			14 03 54.4	+0.4	Pn
FALS	False Pass	1.90	350			14 04 19.1	-0.9	Pn
FALS	False Pass	1.90	350			14 03 54.7	+0.8	Pn
FALS	baz=170,SNR=11					14 04 19.4	-0.6	S
AKUT	akut=170	2.08	305			14 03 55.7	-0.7	Pn
UNV	Unalaska Valle	2.34	293			14 03 59.4	-0.5	Pn
UNV	Unalaska Valle	2.34	293			14 03 59.5	-0.5	Pn
UNV	baz=113,SNR=12					14 04 27.9	-0.8	S
UNV	baz=113					14 03 59.5	-0.5	Pn
UNV	Unalaska Valle	2.34	293			14 04 06.2	+0.6	Pn
SDPT	Sand Point	2.75	30			14 04 40.7		IAML
SDPT	comp=E,630nm,0.7s					14 04 40.8		IAML
SDPT	comp=N,632nm,0.4s					14 04 06.3	+0.6	Pn
SDPT	Sand Point	2.75	30			14 04 39.3	+0.3	S
SDPT	baz=210,SNR=7.6					14 04 41.3	+2.1	S
S12K	Black Hills	2.76	10			14 04 16.2	-1.4	Pn
NIKH	Nikolski High	3.62	272			14 04 16.4	-1.2	Pn
NIKH	Nikolski High	3.62	272			14 04 16.7	-0.9	Pn
NIKH	Nikolski High	3.62	272			14 04 26.6	+1.0	Pn
CHGN	Chignik	4.21	36			14 05 17.1		IAML
CHGN	comp=E,193nm,0.5s					14 05 21.4		IAML
CHGN	comp=N,193nm,0.7s					14 04 26.6	+1.0	Pn
CHGN	Chignik	4.21	36			14 05 15.1	+0.3	S
CHGN	baz=219,SNR=22					14 04 25.9	-0.4	Pn
CLES	Cleveland East	4.26	271			14 04 58.6		IAML
CLES	comp=N,1µm,1.9s					14 05 45.3		IAML
CHIR	Chirikof Islan	5.10	53			14 04 37.4	-0.4	Pn
CHIR	comp=E,922nm,2.1s					14 05 52.4		IAML
CHIR	comp=E,190nm,4.3s					14 07 50.0		IAML
CHIR	comp=N,210nm,3.9s					14 04 37.3	-0.6	Pn
R16K	Pilot Point	5.50	31			14 04 44.3	+1.0	Pn
R16K	baz=238					14 05 46.9	+0.4	S
R16K	baz=215					14 04 50.8	+1.2	Pn
R17K	Ugashik Creek	5.95	36			14 05 57.4	-0.4	S
R17K	baz=220					14 04 52.1	-0.5	Pn
SII	Sitkinak Islan	6.17	51			14 04 52.1	-0.5	Pn
SII	Sitkinak Islan	6.17	51			14 04 52.1	-0.5	Pn
SII	Sitkinak Islan	6.17	51			14 04 52.2	-0.4	Pn
Q17K	Contact Creek	6.60	34			14 04 59.2	+0.6	S
Q17K	baz=219,SNR=12					14 06 13.1	-0.7	S
P16K	Nushagak River	6.65	22			14 05 00.1	+1.0	Pn
Q16K	King Salmon	6.69	29			14 05 00.9	+1.2	Pn
OHAK	Old Harbor	6.94	49			14 05 02.5	-0.7	Pn
OHAK	Old Harbor	6.94	49			14 05 02.5	-0.7	Pn
O16K	Kokwok River B	7.13	20			14 05 06.2	+0.4	Pn
P17K	Kvichak River	7.18	27			14 05 07.9	+1.5	Pn
Q18K	Katmai Hardscr	7.19	35			14 05 07.4	+0.7	Pn
O17K	Koliganek Bris	7.52	23			14 05 11.8	+0.8	Pn
KDAK	Kodiak Island	7.57	47			14 05 10.1	-1.7	Pn
KDAK	comp=N,5.4nm,0.3s,ba					14 06 32.3	-5.3	S
KDAK	comp=N,1.8nm,0.3s,ba					14 05 10.9	-1.0	Pn
KDAK	Kodiak Island	7.57	47			14 05 11.0	-0.8	Pn
KDAK	Kodiak Island	7.57	47			14 05 10.8	-1.0	Pn
P18K	Big Mountain,	7.70	31			14 05 14.6	+1.0	Pn
P18K	Big Mountain,	7.70	31			14 05 14.6	+1.0	Pn
N16K	Nishilik Lake	7.83	15			14 05 17.0	+1.6	Pn
O18K	Koktuh Hills	8.08	29			14 05 20.0	+1.2	Pn
O18K	Koktuh Hills	8.08	29			14 05 20.4	+1.5	Pn
Q20K	Shuyak Island	8.15	42			14 05 19.7	-0.1	Pn
ADK	Adak	8.52	268			14 05 24.2	-0.6	Pn
ADK	Adak	8.52	268			14 05 24.2	-0.6	Pn
P19K	Oil Pt	8.55	35			14 05 26.1	+0.8	Pn
O19K	Port Alsworth	8.62	30			14 05 27.2	+1.0	Pn
O19K	Port Alsworth	8.62	30			14 05 27.3	+1.2	Pn
KIWB	Kanaga Island	8.80	268			14 05 27.8	-0.9	Pn
ILSW	Iliamna Southw	8.83	34			14 05 29.1	-0.1	Pn
SVW2	Sparrevohr	9.04	23			14 05 32.4	+0.4	Pn
O20K	Slope Mountain	9.08	34			14 05 33.6	+1.1	Pn
N19K	Bonanza Creek	9.08	27			14 05 34.1	+1.6	Pn
N19K	Bonanza Creek	9.08	27			14 05 34.2	+1.6	Pn
HOM	Homer	9.13	39			14 05 34.2	+1.6	Pn
CNMP	China Foot	9.20	40			14 05 33.3	-0.9	Pn
RSO	Redoubt South	9.32	33			14 05 37.7	+1.7	Pn
BRLL	Bradley Lake	9.49	40			14 05 36.8	-1.3	Pn
BRSE	Bradley Lake S	9.53	40			14 05 37.4	-1.3	Pn
M19K	Big River Lodg	10.03	24			14 05 46.6	+1.1	Pn
M19K	Big River Lodg	10.03	24			14 05 46.7	+1.2	Pn
N20K	Mount Spurr	10.06	31			14 05 47.3	+1.4	Pn
CAPN	Captain Cook N	10.08	35			14 05 48.0	+1.9	Pn
SPU	Mount Spurr	10.09	31			14 05 47.1	+0.8	Pn
L19K	White Mountain	10.16	22			14 05 47.7	+0.4	Pn
L19K	White Mountain	10.16	22			14 05 47.7	+0.4	Pn
SEW	Seward	10.27	41			14 05 48.6	-0.1	Pn
M20K	Styx River	10.33	27			14 05 52.2	+2.4	Pn
M20K	Styx River	10.33	27			14 05 51.8	+2.1	Pn
Q22K	Cooper Landing	10.40	39			14 05 50.8	+0.3	Pn
Q22K	Cooper Landing	10.40	39			14 05 50.7	+0.1	Pn
TTA	Tatalina	10.61	17			14 05 53.9	+0.5	Pn
TTA	Tatalina	10.61	17			14 05 53.8	+0.4	Pn
TTA	Tatalina	10.61	17			14 05 53.9	+0.5	Pn
L20K	Farewell, AK	10.65	23			14 05 54.8	+0.9	Pn
FIS	Fire Island	10.67	35			14 05 55.3	+1.1	Pn
SUA	Susitna One	10.72	33			14 05 54.3	+0.6	Pn
SUA	Susitna One	10.72	33			14 05 54.5	-0.6	Pn
RC01	Rabbit Creek A	10.80	36			14 05 55.6	-0.4	Pn
RC01	Rabbit Creek A	10.80	36			14 05 56.1	+0.1	Pn
SKT	Skwentna	10.87	30			14 05 57.1	+0.2	Pn
SKT	Skwentna	10.87	30			14 05 58.3	+1.3	Pn
P23K	Montague Islan	11.04	44			14 05 58.7	-0.6	Pn
AMKA	Amchitka	11.06	269			14 05 58.4	-1.2	Pn
M22K	Willow	11.14	33			14 06 01.1	+0.6	Pn
PWL	Port Wells	11.17	39			14 05 59.6	-1.5	Pn
PWL	Port Wells	11.17	39			14 06 00.4	-1.7	Pn
PMR	Palmer	11.36	35			14 06 02.6	-1.0	Pn

2016 DEC

Code	Station Name	Lat	Long	Phase	ID	Time	Res	ISC
PMR	Palmer	11.36	35			14 06 02.6	-1.0	Pn
K20K	Telida	11.37	20			14 06 03.7	-0.1	Pn
K20K	Telida	11.37	20			14 06 03.9	0.0	Pn
PPLA	Purkeypile	11.42	25			14 06 04.6	+2.1	Pn
KNK	Knik Glacier	11.48	37			14 06 04.8	+0.5	Pn
KNK	Knik Glacier	11.48	37			14 06 04.8	-0.5	Pn
GHO	Glory Hole Cre	11.55	35			14 06 04.7	-1.7	Pn
CUT	Chulitna	11.57	30			14 06 05.2	-1.4	Pn
CUT	Sawmill	11.57	30			14 06 06.1	-0.4	Pn
SML	Sawmill	11.79	36			14 06 07.4	-2.2	Pn
SML	Sawmill	11.79	36			14 06 08.0	-1.6	Pn
CAST	Castle Rocks	11.88	24			14 06 11.7	+0.9	Pn
M23K	Glacier View	11.99	37			14 06 11.3	-1.0	Pn
EYAK	Cordova Ski Ar	12.04	44			14 06 11.5	-1.3	Pn
EYAK	Cordova Ski Ar	12.04	44			14 06 11.6	-1.3	Pn
EYAK	Cordova Ski Ar	12.04	44			14 06 11.6	-1.3	Pn
EYAK	Cordova Ski Ar	12.04	44			14 06 11.6	-1.3	Pn
J20K	Nowinta River	12.09	18			14 06 14.4	+0.8	Pn
J20K	Nowinta River	12.09	18			14 06 14.4	+0.8	Pn
SCM	Sheep Creek Mo	12.16	37			14 06 13.2	-1.5	Pn
SCM	Sheep Creek Mo	12.16	37			14 06 14.0	-0.8	Pn
SCM	Sheep Creek Mo	12.16	37			14 06 13.2	-1.5	Pn
CHUM	Lake Minchum	12.22	23			14 06 16.7	+1.4	Pn
KTH	Kantishna Hill	12.29	26			14 06 17.2	+0.8	Pn
KAJM	Kayak Island	12.32	48			14 06 16.9	+0.2	Pn
TRF	Thorfore Moun	12.34	42			14 06 16.4	-0.7	Pn
TRF	Thorfore Moun	12.34	42			14 06 17.2	-0.6	Pn
TRF	Thorfore Moun	12.34	42			14 06 17.5	-0.2	Pn
RAGM	Ragged Mountai	12.41	46			14 06 20.4	+2.3	Pn
WAT1	Susitna Watana	12.43	32			14 06 16.2	-2.0	Pn
KLU	Klutina	12.49	40			14 06 18.1	-1.1	Pn
KLU	Klutina	12.49	40			14 06 18.3	-0.8	Pn
WAT6	Susitna Watana	12.52	34			14 06 17.2	-2.4	Pn
HMT	Hamilton	12.57	47			14 06 19.8	-0.5	Pn
SUCK	Suckling Hills	12.67	48			14 06 22.1	+0.5	Pn
BPAW	Bear Paw Mtn.	12.72	24			14 06 23.3	+0.1	Pn
BMRM	Bremner River	12.73	44			14 06 21.2	-1.3	Pn
BMRM	Bremner River	12.73	44			14 06 20.9	-1.6	Pn
M24K	Tolsona, Glenn	12.76	38			14 06 21.9		

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMRM Mail Ridge, YERR Yerrington, NVAR Mina Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WVT Waverly, ULN Ulanbaatar, SOMN Songoing Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LR03 Panguipulli, LR03 Panguipulli, LR03 Panguipulli, etc.

27d 14h

Table with columns for station name, frequency, and other technical details. Includes stations like BDFB, BDFE, BDFG, etc.

2016 DEC

Table with columns for station name, frequency, and other technical details. Includes stations like V48A, V48B, KIC, etc.

1960

Table with columns for station name, frequency, and other technical details. Includes stations like PZH, MKAR, MKAR, etc.

27D 15h

Table with columns: BIOD, Code, Station Name, Az, Phase, ID, Time, Res, Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Bad Ischl, BIOC, BIOC, etc.

NEIC 27 15:09:59.4+1.7, 11.89N:0.077:88.86W:0.06, h10km, 1km, mb4.7/12, Error ellipse: s-maj=13.0km s-min=6.3km az=21.0
UCR 27 15:10:00.4+1.7, 11.85N:89.04W, h35km, 99gkm, mb4.7(NEIC)
SNET 27 15:10:02.4+1.2, 11.88N:88.96W, h35km, 39gkm, M.L4.3
INET 27 15:10:03.0+0.0, 11.90N:88.75W, h15km, MW4.0
IDC 27 15:10:04.7+3.1, 12.06N:88.78W, h51km, 27km, mb3.9/12, mbmp4.2/15, ML3.2/3, MS3.5/17, Error ellipse: s-maj=30.6km s-min=16.1km az=42.0
GCG 27 15:10:04.6+0.8, 12.00N:89.47W, h0km, 284km, MD4.4
ISC 27 15:10:02.8+1.0, 11.86N:0.05:88.91W:0.04, h44km, 9gkm, n216, s1901/224, mb4.6/65, MS3.6/15, 3C-2D, Off coast of Central America

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ALJI, ALJI, COEB, COEB, etc.

2016 DEC

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like 833A, 833A, 833A, etc.

1962

Main station list table with columns: EMB, Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ULM, ULM, ULM, etc.

WEL 27 15:16:26.9, 42°S, 174°E, h14km, 3km, M3.4/15, ML3.7/15, MLV3.4/15, Error ellipse: s-maj=0.0km s-min=0.0km az=35.6, confirmed, Cook Strait

1963

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WEL Wellington, NZZ Nelson, PALisser, etc.

ICD 27 15:16:38.6-0.8, 3.89S:152.06E, h0km, mb3.9/10, mbtm3.9/10, MS3.3/1, Error ellipse: s-maj=28.1km, s-min=10.2km, az=86.0

ISC-EH 27 15:16:41.5, 3.80S:151.90E, h10km, Error ellipse: s-maj=8.0km, s-min=5.7km, az=83.0

ISC 27 15:16:41.5-0.6, 3.81S:152.06E, h10km, n52, +0.90/55, mb4.5/24, New Ireland region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RABL Rabaul, KRVT Keravat, MANU Manus Island, etc.

2016 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KTH, SML Sawmill, TRF Thorofore Farm, etc.

ICD 27 15:18:18.0-2.2, 3.95S:152.30E, h0km, mb3.6/4, mbtm3.6/4, Error ellipse: s-maj=90.4km, s-min=21.7km, az=117.0, New Ireland region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KRVT Keravat, WRA Warramunga Arr, ASAR Alice Springs, etc.

DJA 27 15:25:25.6-0.7, 4.5S:15.2E, h10km, M5.1/30, mb5.0/30, mb5.5/16, MLV5.4/3, MW(MB)5.0/16, MW(MW)5.2/1, MW(MW)5.4/1

ICD 27 15:25:26.0-0.5, 3.88S:152.05E, h0km, mb4.5/20, mbtm4.5/20, MS4.3/47, Error ellipse: s-maj=19.3km, s-min=9.9km, az=83.0

BUI 27 15:25:27.0-0.0, 3.42S:152.43E, h9km, mb4.7/50, mB5.3/31, Ms4.9/14, Ms7.4/6/14

NEIC 27 15:25:28.6-1.5, 3.76S:152.10E, h10km, 1km, mb5.1/93, Error ellipse: s-maj=14.2km, s-min=5.3km, az=85.0

ISC-EH 27 15:25:29.5, 3.83S:152.05E, h18km, 1km, Error ellipse: s-maj=4.1km, s-min=3.4km, az=114.0

MOS 27 15:25:30.6-1.2, 3.69S:151.86E, h33km, mb5.0/22, Error ellipse: s-maj=11.1km, s-min=7.0km, az=90.9

GCMT 27 15:25:32.6-0.2, 3.71S:0.07E, h15km, 1km, MW5.1/19, Moment Tensor Solution, s46, c53, s119, c194; Duration: 0 Moment tensor: Scale 1016Nm; Mrr-1.46E+16; Mth6.46E+16; Mtt0-5.00E+12; Ml1.69E+28; Mm0.28E+10; Mrr-1.57E+30; Best double couple; Mm0.23300E+10; NP1.301.000000, s83.000000, lambda-24.000000, NP2.045.000000, s66.000000, lambda-172.000000. Principal axes: T 8.8060, P1g12.0000, Azm0.0000; N -1.1460, P1g65.0000, Azm116.0000; P -5.6600, P1g22.0000, Azm265.0000; nsta1 refers to body waves, cutoff=90s. nsta2 refers to surface waves, cutoff=90s. Triangular moment-rate function

ICD 27 15:25:28.1-0.3, 3.74S:0.04E, 152.14E, h10km, n323, r1531/301, mb5.0/98, MS4.4/50, 11C-11D, New Ireland region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KRVT Keravat, WRA Warramunga Arr, ASAR Alice Springs, etc.

27d 15h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DZM, WB2, WRA, ASAR, etc.

27d 15h

Table with columns for station code, name, frequency, and signal strength. Includes stations like MDJ, KULM, HNS, BNK, XAN, KLR, KLR, PHRA, PEAOB, PETK, PETK, CM31, CMAR, PZH, PZH, XLT, XLT, XLT, XLT, XLT, CD2, HHC, HHC, HEH, HEH, BTO, BTO, BTO, PPT, TNCH, TNCH, TNCH, TBI, TBI, LZH, LZH, LZH, ZEA, ZEA, ZEA, MA2, GTA, GTA, GTA, ULN, ULN, ULN, ULN, SEY, TAOE, YAK, YAK, ZAK, ZAK, BOD, BOD, ODAN, MOY, MOY, JIRN, GUN, PKI, PKIN, KKN, DMN, GKN, BILL, BILL, BILL, BILL, BILL.

2016 DEC

Table with columns for station code, name, frequency, and signal strength. Includes stations like RKT, KOLN, DANN, CHIR, VNDA, VNDA, Q17K, WMQ, WMQ, WMQ, WMQ, Q18K, ANM, ANM, ANM, ANM, HYBB, KDAD, TIXI, TIXI, TIXI, DGZ, DGZ, L19K, L19K, L19K, TTA, TTA, TTA, M19K, M19K, CNPM, N20K, M20K, L20K, GCSA, K20K, K20K, SUA, SUA, SUA, J20K, J20K, J20K, RC01, RC01, M22K, CAST, CAST, CHUM, PWL, PWL, PMR, MK31, MKAR, GHO, Q23K, KNK, KTH, MAZK, MAZK, SML, SML, TRF, TRF, BPAW, BPAW, BPAW, IMAR, H21K, H21K, I21K, SCM, ZAAO, ZALV, ZALV, ZALV, WAT6, MLY, MLY, MCK, MCK, MCK, KLU, KLU, KLU, KLU.

1964

Table with columns for station code, name, frequency, and signal strength. Includes stations like H22K, F21K, DHY, DHY, M24K, M24K, NEA2, NEA2, I23K, I23K, I23K, WRH, G22K, N25K, H23K, H23K, CCB, TCOL, TCOL, COLA, COLA, G23K, K24K, IL31, ILAR, ILAR, ILAR, ILAR, E22K, E22K, H24K, H24K, KSH, KSH, KSH, RIDG, RIDG, J25K, A21K, BARN, DOT, DOT, L26K, L26K, G24K, SCRK, SCRK, SCRK, D23K, F24K, M27K, M27K, E24K, KURK, KURK, KURK, Q28M, J26L, J26L, J26L, L27K, L27K, L27K, BCAR, C23K, FYU, K27K, F25K, C24K, E25K, AAK, AAK, AAK, BMAR, EGAK, EGAK, F26K, I27K, P30M, H27K, DAWY, DAWY, DAWY, G27K, L29M, L29M, C26K, C27K, NRIK, NRIK, NRIK, NRIK, K29M, E27K.

1965

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like QSPA South Pole Qui, MAW Mawson, KKR Karatay Array, etc.

IDC 27 15:27:56.9, 1.9, 4.03S: 152.31E, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=72.8km s-min=17.1km az=127.0

ISC 27 15:28:01.8, 1.9, 4.1S: 0.3: 152.4E: 0.3, h35km, n6, c1953/6, mb3.7/4, New Britain region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 27 15:32:23.6, 1.8, 4.12S: 152.37E, h0km, mb3.5/3, mbtmp3.4/3, Error ellipse: s-maj=81.7km s-min=18.0km az=145.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 27 15:50:00.8, 2.1, 3.98S: 152.27E, h0km, mb3.4/3, mbtmp3.4/3, MS3.5/1, Error ellipse: s-maj=201.2km s-min=16.0km az=124.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 27 15:51:44.6, 1.0, 4.3: 98N: 128.93W, h0km, mb3.7/8, mbtmp3.6/15, ML3.4/7, MS3.7/4, Error ellipse: s-maj=25.3km s-min=12.7km az=40.0

NEIC 27 15:51:46.5, 1.6, 4.4: 02N: 0.08: 128.99W: 0.1, h10km, 1km, mb4.3/1, ML3.9/32, Error ellipse: s-maj=18.6km s-min=1.7km az=245.0

ISC 27 15:51:47.1, 0.6, 44.01N: 0.08: 128.89W: 0.08, h15km, n88, c092/85, mb4.3/22, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KEBM Edson Butte, HEBO Mount Hebo, COR Corvallis, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BUCK comp=E, 128nm, 2.8s, RADR Rader Ridge, E03A Lebam, etc.

IDC 27 15:54:51.8, 1.0, 10.93S: 161.79E, h0km, mb3.9/8, mbtmp4.0/11, ML 4.5, MS3.9/2, Error ellipse: s-maj=25.6km s-min=21.5km az=79.0

NEIC 27 15:54:52.6, 1.3, 10.94S: 0.1: 161.9E: 0.1, h10km, 1km, mb4.3/14, Error ellipse: s-maj=21.5km s-min=13.0km az=66.0

ISC 27 15:54:56.4, 0.6, 11.03S: 0.07: 161.81E: 0.09, h36km, n33, c1968/34, mb4.1/13, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like B04A Port Angeles, B04E Pine Mountain, B05A Enumclaw, etc.

27d 16h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SONM comp=Z, 2.5nm, 1.0s, ZALV Zalesovo Beam, HHC HHC, etc.

IDC 27 16:02:22.3, 1.9, 6.25S: 129.99E, h0km, mb3.6/1, mbtmp3.7/4, ML3.5/3, Error ellipse: s-maj=80.3km s-min=28.6km az=83.0, Banda Sea

IDC 27 16:03:03.5, 1.6, 4.02S: 152.21E, h0km, mb3.5/5, mbtmp3.6/6, ML0.8/1, Error ellipse: s-maj=57.2km s-min=12.1km az=112.0

ISC 27 16:03:08.5, 1.9, 4.05S: 0.2: 152.3E: 0.4, h35km, n7, c1907/8, mb3.6/5, New Britain region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Code Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, HNR HNR, HNR HNR, etc.

IDC 27 16:02:22.3, 1.9, 6.25S: 129.99E, h0km, mb3.6/1, mbtmp3.7/4, ML3.5/3, Error ellipse: s-maj=80.3km s-min=28.6km az=83.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Code Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, SIJ Sorong, etc.

27d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for CMAR Chiang Mai Arr, SONM Sogingo Array, ILAR Eielson Array.

IDC 27 16:05:26.6-2.0, 4.00S:152.23E, h0km, mb3.3/3, mbtmp3.4/3, Error ellipse: s-maj=171.7km s-min=16.2km az=121.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KRVT Keravat, KRVT Port Moresby, WRA Warrungarra Arr, ASAR Alice Springs, ILAR Eielson Array.

ISK 27 16:05:41.3, 37.07N:44.19E, h5km, ML2.6/3 DDA 27 16:05:44.0, 0.0, 37.43N:44.19E, h7km, 3km, ML2.5

ISC 27 16:05:42.6-2.1, 37.26N:44.23E, h0km, h10km, n10, c1317/17, Turkey-Iran border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for YOVA Hakkari_Ykse, CUKT Cukurca, HAKT HAKKARI, KRVT Keravat, KRVT Port Moresby, WRA Warrungarra Arr, ASAR Alice Springs, ILAR Eielson Array, MARD Mardin, MAZI Mazidag.

IDC 27 16:05:55.4-1.3, 3.99S:151.86E, h0km, mb3.7/4, mbtmp3.7/4, MS3.9/3, Error ellipse: s-maj=33.3km s-min=13.9km az=61.0, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KRVT Keravat, WRA Warrungarra Arr, ASAR Alice Springs, JNU Nakatsue, SONM Sogingo Array, ILAR Eielson Array, BVAR Borovoye Array, KIRV Kirov.

IDC 27 16:07:17.2-1.1, 4.06S:152.13E, h0km, mb3.8/7, mbtmp3.8/7, MS3.7/6, Error ellipse: s-maj=33.9km s-min=11.4km az=103.0

GCMT 27 16:07:21.0-0.3, 3.76S:102.02E:0.02, h12km, 2km, MW4.967, Moment tensor: Scalar 1019Nm; Mw:0.43; 11; Mw2:11; 11; Mw:1.65; 08; Mw:1.32; 40; Mw:0.37; 08; Mw:0.99; 36; Best double couple; Mw:2.52300x10^16

NEIC 27 16:07:22.1-1.1, 4.1S:0.1E:152.2E:0.2, h36km, 4km, mb4.7/3, Error ellipse: s-maj=26.5km s-min=15.6km az=116.0

ISC 27 16:07:21.7-1.1, 4.05S:152.2E:0.1, h31km, 7km, n24, c0599/22, mb4.0/9, MS3.8/4, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for RABL Rabaul, KRVT Keravat, PMG Port Moresby, PMG Port Moresby, GUMU Guamu, SIJU Sorong, DZM Mont Dzumac, DZM Mont Dzumac, WRA Warrungarra Arr, WRA Warrungarra Arr, ASAR Alice Springs, ASAR Alice Springs, LEM Lembang, USRK Ussuriysk Arr, USRK Ussuriysk Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

2016 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for SONM Sogingo Array, PALK Palkelele, MKAR Makanchi Array, IMAR Imari, MLY Manley, ILAR Eielson Array, ILAR Eielson Array, J25K Salcha River, TORO Torodi Arr, TORO Torodi Arr.

IDC 27 16:08:16.1-1.9, 4.02S:152.26E, h0km, mb3.9/6, mbtmp3.9/6, MS4.0/3, Error ellipse: s-maj=63.2km s-min=14.4km az=118.0

NEIC 27 16:08:20.8-2.0, 3.9S:0.2E:152.3E:0.3, h17km, 11km, mb4.6/9, Error ellipse: s-maj=49.7km s-min=7.5km az=123.0

ISC 27 16:08:22.0-0.8, 4.00S:109.152E:0.2, h35km, n28, c0590/23, mb4.1/11, MS4.1/6, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for RABL Rabaul, RABL Rabaul, KRVT Keravat, KRVT Keravat, PMG Port Moresby, DZM Mont Dzumac, WRA Warrungarra Arr, ASAR Alice Springs, URZ Urewera, JNU Nakatsue, USRK Ussuriysk Arr, CMAR Chiang Mai Arr, TBI Tubuai, TBI Tubuai, SONM Sogingo Array, TAOE Nuku Hiva Isla, J20K Nowinta River, CAST Castle Rocks, TRF Thorofare Moun, IMAR Indian Mountai, ZALV Zalesovo Beam, MLY Manley, NEAZ Clear Creek, CCB Clear Creek, ILAR Eielson Array, ILAR Eielson Array, J25K Salcha River, M27K Edge Creek, BCAR Beaver Creek, AAK Ala-Archa, ELK Elk.

ASRS 27 16:15:0.0-3.52N:2.9E:5E:1, h5km, MLh3.5/8, 1C, Error ellipse: s-maj=3.9km s-min=3.7km az=179.6, confirmed, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KZLR Kyzyl, DJOS Djovskaya Sosn, DJOJ Khakassia, DJOJ Khakassia, MINR Mina, MOY Mondy, MOY Mondy, LUBZ Luzhba, Kemero, GZL Zheleznogorsk, TASR Tashtagol, ULGR Ulagan, ULGR Ulagan, CUR Chagan-Uzun, ARTR Artybash, CHBI Chibit, Altay, CHBI Chibit, Altay, BROR Berchikul', DGZ Jazzator, Alta, DGZ Jazzator, ELT Eitsovka, ELT Eitsovka, ZAK Zakamensk, ZAK Zakamensk, BJRI Bachatsky I, K, SALR Pechorkino, Sa, SALR Pechorkino, Sa, UKR Ust-Kan, UKR Ust-Kan, NVSH Novosibirsk, NVSH Novosibirsk.

IDC 27 16:16:04.7-1.7, 0.32N:126.19E, h0km, mb3.5/4, mbtmp3.6/4, Error ellipse: s-maj=175km s-min=22.5km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for WRA Warrungarra Arr, WRA Warrungarra Arr, WRA Warrungarra Arr, MKAR Makanchi Array.

1966

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entry for KURBB Kurchatov Arra.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KRVT Keravat, KRVT Keravat, WRA Warrungarra Arr, ASAR Alice Springs, ILAR Eielson Array.

IDC 27 16:22:02.7-2.2, 4.20S:152.08E, h0km, mb3.5/5, mbtmp3.5/5, MS3.5/2, Error ellipse: s-maj=68.1km s-min=28.8km az=116.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for SIJU Sorong, DZM Mont Dzumac, WRA Warrungarra Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, SONM Sogingo Array, ILAR Eielson Array.

IDC 27 16:24:01.8-1.6, 4.14S:151.82E, h0km, mb3.4/3, mbtmp3.4/3, MS3.8/1, Error ellipse: s-maj=31.7km s-min=14.1km az=28.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KRVT Keravat, KRVT Keravat, WRA Warrungarra Arr, ASAR Alice Springs, LEM Lembang, ILAR Eielson Array.

IDC 27 16:38:38.6-1.8, 6.24S:152.88E, h0km, mb3.7/5, mbtmp3.7/6, ML3.7/1, MS2.9/1, Error ellipse: s-maj=60.9km s-min=24.6km az=110.0

ISC 27 16:38:44.6-1.3, 5.95S:108.152E:0.1, h33km, n9, c1900/10, mb3.7/5, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KRVT Keravat, KRVT Keravat, PMG Port Moresby, PMG Port Moresby, CTA Charters Town, WRA Warrungarra Arr, ASAR Alice Springs, ZALV Zalesovo Beam, SONM Sogingo Array, ZALV Zalesovo Beam, ILAR Eielson Array, TORO Torodi Arr, TORO Torodi Arr.

IDC 27 16:45:24.4-1.8, 4.07S:152.46E, h0km, mb3.7/7, mbtmp3.8/7, Error ellipse: s-maj=51.8km s-min=15.4km az=134.0

ISC 27 16:45:29.4-1.6, 4.15S:0.3E:152.5E:0.2, h35km, n9, c0995/9, mb3.7/7, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KRVT Keravat, KRVT Keravat, PMG Port Moresby, WRA Warrungarra Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, SONM Sogingo Array, ZALV Zalesovo Beam, ILAR Eielson Array, NRK Noril'sk.

IDC 27 16:45:45.2-2.1, 4.13S:152.31E, h0km, mb3.8/5, mbtmp3.9/5, MS3.2/1, Error ellipse: s-maj=62.1km s-min=13.3km az=134.0

ISC 27 16:45:50.2-0.2, 4.25S:0.3E:152.3E:0.3, h35km, n8, c1946/7, mb3.8/5, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for KRVT Keravat, KRVT Keravat, KRVT Keravat, HNR Honiara, WRA Warrungarra Arr.

1967

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAR Rarotonga, CMAR Chiang Mai Arr, SONM Songino Array, ILAR Eielson Array, NRIK Noril'sk.

JMA 27 16:53:02.6-1.7, 33.7N-02.1353E, 0.2, h38km, MV1.1/30, S PART OF KII CHANNEL, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JWM Minabe, JTM Tanabenahech, JWC Kouya, JWI Aioi, JKN Mieshikohu.

CNRM 27 16:53:00.3, 35.66N, 3.54W, h0km, ml2.5, MDD 27 16:53:02.0-0.4, 35.62N, 3.71W, h0km, mb_Lg2.6/13, Error ellipse: s-maj=3.4km s-min=3.1km az=22.0, INMG 27 16:53:03.6-1.4, 35.63N, 3.71W, h0km, ML2.3, Error ellipse: s-maj=4.8km s-min=3.7km az=85.0, SFS 27 16:53:05.0, 35.64N, 3.62W, h19km, ML2.8, ALBORN SUR

ISC 27 16:53:02.6-1.7, 35.64N-02.03.363W, 0.03, h16km, 13km, n26, e1509/49, Strait of Gibraltar

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EMEL Meilla, PVLZ Pezen de, CHAS Isla Isabel II, ELGU Los Guajares, TAF Taforalt, EMAL Malaga-Limoner, MIJAS Mijas, CEUTA Ceuta, CHEFC Chefchaouen, EGOR Sierra Gorda, JBK JBK, EQUER Quesada, EADA Adamuz, ECAB El Cabril, EMIN Mina Concepcion, ETOB Tobarra, EGRO El Granado, PBAR Barrancos, PVAQ Vaqueiros, PVAO Castro Verde, EBAD Badajoz, PNCL Nicolau / Gran.

NEIC 27 17:02:02.3-1.5, 10.29S-0.09.161E, 0.1, h93km, 7km, mb4.5/18, Error ellipse: s-maj=16.8km s-min=9.9km az=56.0, IDC 27 17:02:03.6-2.2, 10.27S, 161.30E, h109km, 17km, mb3.4/7, mbtm3.8/8, Error ellipse: s-maj=29.9km s-min=20.0km az=74.0, ISC 27 17:02:02.4-0.7, 10.35S-0.09.161E, 0.1, h100km, n35, e1923/38, mb4.2/16, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, KOUNC Koumanc, LIFNC LIFNC, DZM Mont Dzumac, DZM, ONTNC Ouen Toro, QUENC Ouen Island, CTAO Charters Tower, WB0 Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, BKZ Black Stump Fm, QRZ Quartz Range.

2016 DEC

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KNRA Kunurra, CMWZ Cape Campbell, FITZ Fitzroy Crossi, VYDA Vanda, VYDA Vanda, SONM Songino Array, SONM Sparrevohn, SONM Sparrevohn, QSPA South Pole Qui, QSPA Big River Lodge, L19K White Mountain, CAST Castle Rocks, BERG Berg Lake, IMAR Irian Mountai, N25K Chitina, Valde, VRDI Verde Repeater, BARN Barnard Glacie, ILAR Eielson Array, MKAR Makanchi Array.

NOU 27 17:09:12.4, 33.41S, 136.45E, h0km, MLv3.7/10, Near Coast of South Australia

AUST 27 17:09:13.4, 1.2, 33.29S, 136.46E, h10km, Error ellipse: s-maj=14.6km s-min=7.1km az=31.0, IDC 27 17:09:18.6, 5.8, 32.62S, 136.75E, h0km, mbtm3.1/3, ML3.0/3, Error ellipse: s-maj=61.1km s-min=20.8km

ISC 27 17:09:11.4-1.1, 33.37S-0.07.13643E, 0.06, h10km, n22, e241/30, Near coast of South Australia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BBOO Buckleboo, BBOO Buckleboo, BBOO Buckleboo, WHYH Whyalla, HHT Hallett, HTT Hallett, LCRK Leigh Creek, MULG Mulgathing, MULG Mulgathing, STKA Stephens Creek, STKA Stephens Creek, ARPS Mount Arapiles, ARPS Mount Arapiles, OOD Oodnadatta, INKA Innaminka, INKA Innaminka, FORT Forrest, FORT Forrest, CMSA Cobar Meteorol, CMSA Alice Springs, ASAR Asar Meteorol, ASAR Asar Meteorol, WRA Warramunga Arr, WRA Warramunga Arr.

MAN 27 17:19:59.9, 9.94N, 126.28E, h13km, mb4.0, ML2.8, MS2.4, 2C-40, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GLSP General Luna, MSLP Maasin, MSLP Maasin, BIFP Bifip, TABP Talibon, Bohol, CAGP Cagayan de Oro, SMPP San Manuel, Pa.

IDC 27 17:20:55.2-1.3, 6.67S, 154.07E, h0km, mb3.6/5, mbtm3.8/8, ML2.5/2, MS3.0/1, Error ellipse: s-maj=29.7km s-min=25.6km az=125.0, ISC 27 17:21:01.9-1.4, 6.50S, 0.09.1538E, 0.1, h35km, n10, e1916/10, mb3.6/5, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRVT Keravat, KRVT Keravat, HNR Honiara, PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, SIJI Sorong, ASAR Alice Springs, ASAR Alice Springs.

27d 17h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, SONM Songino Array, ILAR Eielson Array, TORD Torodi Ar. Bea.

SOME 27 17:35:39.1, 39.30N, 73.83E, h5km, KRNET 27 17:35:40.5-0.1, 39.10N, 74.34E, mb3.3, NMC 27 17:35:41.1, 1.6, 39.23N, 74.38E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=39.1km s-min=10.2km az=105.0, ISC 27 17:35:42.9-1.7, 39.23N, 0.08.7424E, 0.05, h10km, n22, e251/39, 9C-1D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OHH Osh, DRK Karamyk, NRN Naryn, ARLS Aral, ARLS Aral, BTK Batken, BTK Batken, UCH Uchter, UCH Uchter, GAR Garm, GAR Garm, TRKS Terke-Say, TRKS Terke-Say, AAK Ala-Archa, AAK Ala-Archa, MRKS Merke, MRKS Merke, TKMK Tokmak 2, TKMK Tokmak 2, KST Kasteek, KST Kasteek, DGS Degeres, DGS Degeres, DGS Degeres, DGS Degeres, IUG Iuzhnyy, IUG Iuzhnyy, MDOK Medeo, MDOK Medeo, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, KTBS Karatobe, KTBS Karatobe, KTBS Karatobe, CHKK Chushkaly, CHKK Chushkaly, CHKK Chushkaly, CHKK Chushkaly.

IDC 27 17:36:32.5-1.7, 4.94S, 150.46E, h0km, mb3.3/2, mbtm3.4/2, Error ellipse: s-maj=80.8km s-min=20.1km az=150.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRVT Keravat, WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea.

KRSZO 27 17:55:36.6-0.8, 45.44N, 15.27E, h8km, 4km, ML2.8/9, Error ellipse: s-maj=2.4km s-min=2.1km az=64.0, VIE 27 17:55:36.2, 0.3, 45.45N, 15.29E, h15km, mb2.3/10, ml2.4/13, Error ellipse: s-maj=2.0km s-min=1.0km az=151.0, 21 km WSW of Karlovac

LJU 27 17:55:36.3, 45.44N, 15.28E, h6km, ML2.2, RHSSO 27 17:55:37.3, 0.2, 45.45N, 15.30E, h3km, 1km, ML2.5/12, PRU 27 17:55:39.1, 0.0, 45.61N, 15.56E, h1km

ISC 27 17:55:36.7-0.8, 45.45N, 0.01.1528E, 0.01, h5km, 5km, n94, e084/157, 5C-2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOJS Bojanci, BOJS Bojanci, OZLJ Ozalj, OZLJ Ozalj, GBRS Gornja Briga, GBRS Gornja Briga, CRES Cresnev, CRES Cresnev, CRES Cresnev, VISS Visnje, VISS Visnje, VISS Visnje.

27d 18h

Table with columns: Code, Station Name, Az, El, P, S, Res, and various parameters. Includes stations like GCS, LEGS, RIV, etc.

2016 DEC

Table with columns: Code, Station Name, Az, El, P, S, Res, and various parameters. Includes stations like WTTA, STON, WATA, etc.

1968

Table with columns: Code, Station Name, Az, El, P, S, Res, and various parameters. Includes stations like USHA, MG02, TRIS, etc.

27d 18h

Table with columns: Code, Station Name, Az, El, Time, Res, and various status indicators. Includes entries like P30M Million Dollar, M31M Drury Creek, HHC Hu-ho-ho-te, etc.

2016 DEC

Table with columns: Code, Station Name, Az, El, Time, Res, and various status indicators. Includes entries like RC01 Rabbit Creek A, BMAR Burmt Mountain, IL31 Jago River, etc.

1970

Table with columns: Code, Station Name, Az, El, Time, Res, and various status indicators. Includes entries like WEL Wellington, PLWZ Palliser, NZNZ Nelson, etc.

1973

Table with columns: Station Name, Frequency, Power, SNR, and other technical details for stations like NOA, EKA, TORD, etc.

BUJ 27 19:31:01.8-0.0, 37.02N-22.48E, h13km, mb4.6/37, m85.3/15, Ms5.0/2, Ms7.4/8.2
HLW 27 19:31:03.7, 36.78N-23.39E, h10km, 37km, Md5.1, M15.0
NEIC 27 19:31:04.5-2.6, 36.62N-0.07-22.98E-0.06, h10km, 4km, mb4.8/105, ML5.0, (THE). Error ellipse: s-maj=10.0km s-min=6.1km az=197.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other details for stations in Southern Greece like VLI, KTHR, ANKY, etc.

2016 DEC

Main table with columns: Station Name, Frequency, Power, SNR, and other technical details for stations like ATH, KLV, PTL, etc.

27d 19h

Table with columns: Station Name, Frequency, Power, SNR, and other technical details for stations like GOKA, KOKK, BUHA, etc.

27d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsuhiro Arr, KDAA Kodjak Island, WHAR Woolly Hollow, etc.

JMA 27 19:48:45.6:0.3,24°N,1°E,123°3'E,0.7, h52km,3km, MV3.3/15, NEAR ISHIGAKIUMA ISLAND

ISC 27 19:48:44.1:1.7,23.56N,0.06E,123.34E,0.04, h14km,10km, n33, e1909/40, mb3.5/11, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HATJ Hateruma jima, IRIF Iriomote-Funau, etc.

SOME 27 19:54:28.9,41°25'N,69°25'E, h0km NNC 27 19:54:24.2,41°49'N,68°96'E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=14.8km s-min=13.5km az=2.0

ISU 27 19:54:30.3,41°57'N,68°92'E, h0km ISC 27 19:54:28.0:1.4,41°51'N,0.04°E,07, h10km, n22, e253/34,2C, Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TAS Tashkent, YBZ Yangibazar, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KK31 Karatay Array, DZA Taraz, CHMI Chimion, etc.

ISC 27 19:55:56.9:1.2,11°32'S,165°72'E, h0km, mb3.9/7, mbmp4.1/9,ML4.7/2,MS3.6/9, Error ellipse: s-maj=33.3km s-min=22.7km az=129.0

NEIC 27 19:55:57.2:6.1,11°25'S,0.1°E,165.7E,0.1, h10km,2km, mb4.7/11, Error ellipse: s-maj=23.7km s-min=18.3km az=70.0

ISC 27 19:55:57.0:9.1,11°33'S,165°80'E,0.1, h10km, n33, e1920/30, mb4.3/12, MS3.4/6, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

ISC 27 20:06:11.2:2.0,4.07S,152°20'E, h0km, mb3.2/3, mbmp3.2/3, Error ellipse: s-maj=163.2km s-min=16.1km az=124.0, Northern Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRVT Keravat (AS076), WRA Warrungarra Arr, etc.

JMA 27 20:12:19.9:0.1,32°5'N,0°2',129°2E,0.1, h3km,2km,

1976

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MD4/4/39, MV4.7/39, SW OFF KYUSHU, JMA Felt II J1 at SW OFF KYUSHU, etc.

ISC 27 20:17:59.4:1.2,0°25'S,137°11'E, h0km, mb3.8/5, mbmp3.9/7,ML3.9/2, Error ellipse: s-maj=42.5km s-min=21.2km az=84.0

ISC 27 20:18:04.8:1.1,0°35'N,1°136°9'E,0.1, h35km, n7, e064/8, mb4.0/5, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIJI Sorong, SIJI Sorong, SIJI Sorong, etc.

ISC 27 20:33:05.4:1.6,5°09'N,96°03'E, h0km, mb3.6/6, mbmp3.6/6,MS3.6/4, Error ellipse: s-maj=67.5km s-min=22.7km az=56.0

DJA 27 20:33:08.4:0.9,5°N,5°9'E, h10km, M4.2/11, mb4.2/11, MLV4.2/11

ISC 27 20:33:10.1:0.8,5°23'N,0°05'96°20'E,0.08, h29km, n21, e193/77, mb3.6/6, MS3.7/4, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LHMI Lhok Sumawe, LHMI Lhok Sumawe, etc.

1979

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ALN, TESR, COVR, RDO, RMO, RMLR, etc.

2016 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OHR, ABAH, LK2D, IGVS, DIVS, etc.

27d 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CASP, FUORN, VLLC, MOY, MOY, etc.

1981

Table of astronomical observations for 1981, listing stations (DMN, GKN, LSA, etc.), station names, coordinates, and observation details.

2016 DEC

Table of astronomical observations for 2016 DEC, listing stations (JCUZ, KNHH, OBS, etc.), station names, coordinates, and observation details.

27d 22h

Table of astronomical observations for 27d 22h, listing stations (MANU, PMG, PMG, etc.), station names, coordinates, and observation details.

HVO 27 21:53:08.4+1.0, 19.676N, 0.008:155.148W, 0.010, h10km, 2km, ML3.3, ML3.5/2(NEIC), Error ellipse: s-maj=1.3km s-min=1.1km az=96.0

NEIC 27 21:53:06.9+1.0, 19.666N, 0.04:155.13W, 0.04, h28km, 11km, Error ellipse: s-maj=7.2km s-min=5.2km az=137.0, Hawaiian Islands

IDC 27 22:20:26.8+1.4, 29.47N, 105.66E, h0km, mb3.9/5, mbmp3.9/7, ML3.5/1, Error ellipse: s-maj=50.8km s-min=22.6km az=73.0

ISC 27 22:20:31.2+1.2, 29.55N, 105.70E, 0.3, h2km, m7, 0.667, mb3.9/5, Sichuan

IDC 27 22:38:02.4+0.4, 5.81S, 153.76E, h0km, mb5.1/27, mbmp5.1/29, ML3.3/2, MS4.3/31, Error ellipse: s-maj=14.9km s-min=10.6km az=76.0

MOS 27 22:38:04.1+1.0, 5.80S, 153.69E, h20km, mb5.4/49, Error ellipse: s-maj=8.5km s-min=6.0km az=120.7

BUI 27 22:38:04.2+0.0, 5.36S, 153.94E, h13km, mb5.4/74, mb5.5/41, Ms5.0/20, Ms7.4/6/22

NEIC 27 22:38:04.6+2.0, 5.82S, 153.65E, 0.07, h10km, 11km, mb5.4/19, Error ellipse: s-maj=12.9km s-min=10.1km az=49.0

ISC-EH 27 22:38:05.8+5.83S, 153.77E, h25km, 1km, Error ellipse: s-maj=2.6km s-min=2.1km az=117.0

GCMT 27 22:38:06.6+0.2, 5.95S, 153.73E, 0.01, h14km, MW5.1/107, Moment Tensor Solution, s63, c85; M07, c176; Duration: 0. Moment tensor: Scale 10^16Nm; M0-1.94e+18; M0-1.15e+26; Best double couple: M05.135000x10^16 NP1.0e+181.000000, s63.000000, 1.70.000000; NP2.0e+33.000000, s42.000000, 1.114.000000; P1.3180, P1g16.0000; Azm194.0000; P -5.7940, P1g6.0000; Azm286.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Translational moment-rate function

DJA 27 22:38:11.7+0.4, 6.15S, 153.15E, h69km, 4km, M5.3/74, mb5.4/74, mb5.8/37, MLv5.6/4, Mw(mB)5.3/37, Mw/Mwp5.2/6, Mw/p5.4/6

ISC 27 22:38:06.8+1.1, 5.83S, 153.71E, 0.04, h29km, 7km, n662, 0.19/20/669, mb5.4/173, MS4.4/37, 35C-13D, New Ireland region

ARMAL Lightning Ridg 24.59 192 P P 22 43 19.9 0.0

ARMAL Armidale 24.54 184 P P 22 43 23.8 -0.5

ARMAL Armidale 24.54 184 P P 22 43 23.8 -0.5

ARMAL Armidale 24.54 184 P P 22 43 23.8 -0.5

ARMAL Armidale 24.54 184 P P 22 43 23.8 -0.5

ARMAL Armidale 24.54 184 P P 22 43 23.8 -0.5

ARMAL Armidale 24.54 184 P P 22 43 23.8 -0.5

ARMAL Armidale 24.54 184 P P 22 43 23.8 -0.5

ARMAL Armidale 24.54 184 P P 22 43 23.8 -0.5

1983

LZH		sP	pwP	22 48 43.0	-0.6
LZH		pmax	pmax		
comp=Z,73nm,1.5s					
LZH		pmax	LR		
comp=Z,370nm,4.0s					
LZH		LR	LR		
comp=Z,340nm,11.7s					
LZH		LR	LR		
comp=Z,410nm,11.2s					
LZH		LR	LR		
comp=Z,330nm,13.1s					
MND	Mandalay	62.79 298	P	22 48 31.4	+1.3
ZE	Zeya	63.38 343	P	22 48 34.1	+0.7
ZE			e	22 48 43.4	
ZE			pmax		
comp=N,10.0nm,0.4s					
ZE			pmax		
comp=Z,20nm,0.8s					
MA2	Magadan	65.24 358	LR	23 17 33.2	
comp=Z,216nm,18.9s		baz=143,slow=36			
MA2	Magadan	65.24 358	P	22 48 44.7	-0.7
MA2			I Amb	22 49 01.6	
comp=Z,69nm,1.4s					
MA2	Magadan	65.24 358	eP	22 48 44.9	-0.5
MA2			pmax		
comp=Z,75nm,2.5s					
BRDH	Bariadhala	66.93 298	LR	23 16 48.4	
comp=Z,110nm,21.3s		baz=112,slow=35			
GTA	Gaotai	67.02 317	P	22 48 59.3	+1.9
GTA			sP	22 49 11.8	-0.6
GTA			PcP	22 49 27.3	+1.6
GTA			pmax		
comp=Z,79nm,1.2s					
GTA			pmax		
comp=Z,310nm,4.7s					
GTA			LR		
comp=Z,300nm,18.5s					
GTA			LR		
comp=Z,290nm,17.1s					
GTA			LR		
comp=Z,360nm,16.4s					
ULN	Ulaanbaatar	67.34 328	P	22 48 59.9	+0.5
ULN			I Amb	22 49 01.7	
comp=Z,27nm,1.1s					
ULN	Ulaanbaatar	67.34 328	iP	22 49 00.3	+1.0
ULN			pmax		
comp=Z,27nm,1.0s					
SHL	Shilong	67.60 301	eP	22 49 02.0	+0.6
SOM	Songino Array	67.67 328	P	22 49 02.5	+1.1
comp=Z,14nm,0.8s		baz=144,slow=5.2,SNR=76			
SOM			P	23 17 22.2	-0.8
comp=Z,0.8nm,0.8s		baz=151,slow=3.4,SNR=9.9			
SOM			P	23 17 28.4	
comp=Z,1.5nm,0.9s		baz=281,slow=2.2,SNR=6.1			
SOM	Songino Array	67.67 328	P	22 49 01.8	+0.4
SOM			I Amb	22 49 03.7	
comp=Z,38nm,1.3s					
SOM	Songino Array	67.67 328	P	22 49 01.8	+0.4
SOM			pmax		
comp=Z,38nm,1.3s					
SEY	Seymchan	68.57 359	eP	22 49 05.9	-0.6
SEY			pmax		
comp=Z,45nm,3.8s					
GOMU	GeErMu	69.11 312	P	22 49 12.5	+1.5
GOMU			pP	22 49 16.0	-2.3
GOMU			sP	22 49 20.5	+0.5
GOMU			S	22 58 08.3	-6.8
GOMU			pmax		
comp=Z,10.0nm,1.0s					
GOMU			pmax		
comp=Z,58nm,4.3s					
GOMU			LR		
comp=Z,150nm,6.5s					
GOMU			LR		
comp=Z,180nm,5.7s					
GOMU			LR		
comp=Z,220nm,6.5s					
LSA	Lhasa	69.56 305	P	22 49 14.0	0.0
LSA			I Amb	22 49 16.7	
comp=Z,25nm,0.8s					
LSA	Lhasa	69.56 305	P	22 49 15.0	+1.0
LSA			pmax		
comp=Z,39nm,0.9s					
LSA	Lhasa	69.56 305	P	22 49 14.0	0.0
LSA			pmax		
comp=Z,25nm,0.8s					
YAK	Yakutsk	70.16 348	P	22 49 16.1	-0.2
YAK			I Amb	22 49 38.4	
comp=Z,36nm,1.1s					
YAK	Yakutsk	70.16 348	eP	22 49 17.7	+1.4
YAK			pmax		
comp=Z,10.0nm,0.9s					
ZAK	Zakamensk	70.83 329	eP	22 49 21.7	+0.8
ZAK			pmax		
comp=Z,43nm,0.9s					
BOD	Bodaibo	71.07 339	eP	22 49 21.7	-0.3
BOD			pmax		
comp=Z,29nm,1.5s					
VNDA	Vanda	71.78 178	P	22 49 26.7	+0.6
comp=Z,25nm,0.9s		baz=328,slow=6.5,SNR=77			
VNDA	Vanda	71.78 178	P	22 49 26.1	0.0
VNDA			I Amb	22 49 27.9	
comp=Z,30nm,0.9s					
VNDA	Vanda	71.78 178	P	22 49 26.1	0.0
VNDA			pmax		
comp=Z,30nm,1.0s					
ODAN	Odare	71.84 301	eP	22 49 28.7	+1.1
SBA	Scott Base	72.31 177	P	22 49 29.9	+0.7
SBA			I Amb	22 49 31.7	
comp=Z,24nm,1.1s					
SBA	Scott Base	72.31 177	P	22 49 29.9	+0.7
SBA			pmax		
comp=Z,24nm,1.1s					
BOK	Bokaro	72.33 297	eP	22 49 31.1	+0.8
BOK			I Amb	22 49 31.8	
comp=Z,14nm,1.5s					
RAMN	Ramite	72.54 300	eP	22 49 32.4	+0.5
comp=Z,22nm,0.6s					
MOY	Mondy	72.75 329	eP	22 49 33.5	+1.1
MOY			pmax		
comp=Z,46nm,1.3s					
JIRN	Jiri	73.09 301	eP	22 49 36.1	+0.9
comp=Z,44nm,0.7s					
VIS	Vishakhapatnam	73.26 290	eP	22 49 36.9	+0.9
VIS			I Amb	22 49 38.8	
comp=Z,17nm,0.5s					
GUN	Gumba	73.42 301	eP	22 49 38.1	+0.9
comp=Z,121nm,0.8s					
PKI	Pulchoki	73.73 301	eP	22 49 39.3	+0.3
comp=Z,80nm,1.1s					
PKI	Phulchoki	73.74 301	eP	22 49 39.4	+0.4
comp=Z,116nm,1.3s					
KKN	Kakani	73.90 301	eP	22 49 40.4	+0.6
PALK	Pallekele	73.99 279	P	22 49 39.0	-1.4
PALK			I Amb	22 49 42.2	
comp=Z,39nm,0.8s					
PALK	Pallekele	73.99 279	P	22 49 39.0	-1.4
PALK			pmax		
comp=Z,39nm,0.8s					
DMN	Daman	74.00 301	eP	22 49 41.0	+0.5
comp=Z,162nm,1.0s					
BILL	Bilibino	74.23 5	P	22 49 39.5	-1.1
BILL	Bilibino	74.23 5	eP	22 49 40.1	-0.5
BILL			e	22 49 58.8	
BILL			e	22 52 26.3	
comp=Z,15nm,1.0s					
GKN	Gorkha	74.50 301	eP	22 49 43.7	+0.4
comp=Z,120nm,1.0s					
R17K	Ugashik Creek	74.96 25	P	22 49 44.0	-1.1
comp=Z,292					
DANN	Dangising	75.34 301	eP	22 49 48.6	+0.3
Q17K	Contact Creek	75.55 25	P	22 49 46.9	-1.7
comp=Z,202					
Q18K	Old Harbor	76.05 27	P	22 49 50.5	-0.8
Q18K	Katmai Hardscr	76.15 25	P	22 49 50.8	-1.2
ANM	Nome	76.49 17	P	22 49 53.6	0.0
comp=Z,222					
Q19K	Cape Douglas,	76.89 25	P	22 49 55.1	-1.0
SALM	Salem	77.07 283	eP	22 49 59.6	+1.6
WMQ	Urumqi	77.10 317	iP	22 49 59.3	+1.6
WMQ			pmax		
comp=Z,56nm,1.1s					

2016 DEC

WMQ	comp=Z,300nm,5.1s		pmax	pmax	
KOD	Kodalinal	77.58 282	eP	P	22 50 02.7
HYB	Hyderabad	77.68 289	eP	P	22 50 01.4
HYB	Hyderabad (bro	77.68 289	eP	P	22 50 00.6
HYB			ePcP	P	22 50 11.0
HYB			eS	S	22 59 54.9
CNPM	China Poot	78.25 25	P	P	22 50 02.8
L19K	White Mountain	78.35 22	P	P	22 50 04.0
comp=Z,233					
M19K	Big River Lodg	78.36 22	P	P	22 50 04.1
TTA	Tatalina	78.39 21	P	P	22 50 04.7
comp=Z,233					
LGTI	Lohaghat	78.60 301	eP	P	22 50 07.5
LGTI	Lohaghat	78.60 301	eP	P	22 50 18.9
L20K	Farewell, AK	78.90 22	P	P	22 50 07.4
comp=Z,234					
TIXI	Tiksi	79.03 352	eP	P	22 50 07.1
TIXI	Tiksi	79.03 352	eP	P	22 50 06.2
comp=Z,11nm,1.5s					
JHNI	Jhansi	79.21 297	eP	P	22 50 08.9
JHNI			I Amb	I Amb	22 50 10.2
comp=Z,13nm,1.1s					
K20K	Telida	79.35 21	P	P	22 50 09.5
comp=Z,233					
DGZ	Jazzator, Alta	79.44 323	iP	P	22 50 11.4
DGZ			pmax	pmax	
comp=Z,82nm,0.9s					
SUA	Susitna One	79.53 24	P	P	22 50 09.0
comp=Z,237					
AKL	Akola	79.69 292	eP	P	22 50 12.3
AKL			I Amb	I Amb	22 50 17.3
comp=Z,9.3nm,0.9s					
RC01	Rabbit Creek A	79.73 24	P	P	22 50 10.6
RC01	Rabbit Creek A	79.73 24	P	P	22 50 09.2
comp=Z,238					
BHPL	Bhopal	79.78 295	eP	P	22 50 12.1
BHPL			I Amb	I Amb	22 50 13.4
comp=Z,13nm,0.5s					
J20K	Nowinta River	79.82 21	P	P	22 50 12.2
comp=Z,233					
CAST	Castle Rocks	80.11 22	P	P	22 50 12.5
CAST	Castle Rocks	80.11 22	P	P	22 50 12.7
comp=Z,235					
PWL	Port Wells	80.19 25	P	P	22 50 13.2
comp=Z,32nm,1.0s					
PWL	Port Wells	80.19 25	P	P	22 50 18.5
comp=Z,239					
ZSN	Zaisan	80.23 320	iP	P	22 50 15.9
ZSN	Zaisan	80.23 320	iP	P	22 50 15.9
comp=Z,27nm,1.1s					
ZSN	Zaisan	80.23 320	iP	pmax	22 50 15.9
comp=Z,27nm,1.1s					
PMR	Palmer	80.25 24	P	P	22 50 13.7
comp=Z,238					
CHUR	Lake Minchumin	80.30 21			

27d 23h

Table with columns for station name, frequency, and other technical details. Includes stations like TUDR, PLAR, POGOANELE, etc.

2016 DEC

Table with columns for station name, frequency, and other technical details. Includes stations like RAKU, K-PODOLSKIY, KMPD, etc.

1986

Table with columns for station name, frequency, and other technical details. Includes stations like TEKS, SRS, STEBNICKA HUTA, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes stations like BRY Bratogost, KZN Kozani, ULC Ulicinj, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes stations like MNK Minsk, MNR Minsk, MNL Minsk, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes stations like RUE Ruedersdorf, KNR Palaohorna Ch, MOTA Motalm, etc.

27d 23h

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like MEF, BORU, BLGI, ONAU, EBEN, etc.

2016 DEC

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like ASK, PRGR, GDLE, HVA, SWNI, etc.

1988

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like ESDC, ESDC, ESDC, etc.

1989

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Aveeroces, Borovoye, Tazarrine, etc.

2016 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Sogindy, Scoresbysund, Wadi Sarin, etc.

27d 23h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Shalkode, Nilore, Zalesovo Array, etc.

27d 23h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like MBAR Mbarara, DBIC Dimbokro, KMBO Kilima Mbogo, etc.

2016 DEC

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like ULN Ulanbaatar, RES Resolute Bay, PCHI Peechi, etc.

1990

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like PZH comp=Z,460nm,4.3s, GGN Saint George, D62A Allapatt, All, etc.

1993

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like JTM Tenmabayashi, GSI Gunungsitoli, Q18K Katmai Hardscr, etc.

2016 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like ECSD EROS Data Cent, MNSI Mandalling Nat, HODGE Hodges, etc.

27d 23h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like S39A Bolivar, HRY Holter Resear, TMAB Tom-Au,PA,Br, etc.

27d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ISCO Idaho Springs, MDSI Maura Duda, MALB Monte Alegre, etc.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like NVAR Mina Array Bea, NVAR San Jacinto, NVAR San Jacinto, etc.

1994

Table with columns for station name, frequency, power, and other technical details. Includes stations like CMIG Matias Romero, T1J01 Guaruru-PR, PANT Pantanal (Braz), etc.

ROM 27 23:21.17.4+0.1, 433.000M:0.004x13.066E:0.004, h8km, ML1,5/11,6C-5D, Error ellipsis: s-maj=0.4km

Table with columns for Code, Station Name, and Time Res. Includes stations like T1216 Preci, Frazion, T1216 comp=E,306um,0.3s, etc.

1995

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Arquata del Tr, Esanatoglia, Assisi San Ben, Rocca Santa Ma, etc.

ROM 27 23:22:33.20.0.1, 43.023N, 0.003.13.077E, 0.004, 8.9km, ML 1.48, 2C-2D, Error ellipse: s-maj=0.3km s-min=0.1km az=243.0, Central Italy

Main table for 1995 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FDMO, Muccia, Camerino, Bologna, etc.

2016 DEC

Main table for 2016 DEC with columns: LRP, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Arpino, Amsterdam Isla, Cape Leeuwin, etc.

28d 0h

Main table for 28d 0h with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABKAR, KURBB, KURK, etc.

SOME 28 00:08:11.2.39/67N-77.20E, h0km
KRNET 28 00:08:12.1.0.1.39/27N-77.19E, mb3.2
NIN 28 00:08:12.1.1.9.39/63N-77.04E, h0km, mb3.7, mpv3.3

ZAAO	Zalesovo Array	57.95 322	P	P	00 52 53.2	-0.9
ZALV	Zalesovo Beam	57.95 322	P	P	00 52 52.2	-1.0
ZALV	comp-Z, 2.6nm, 0.6s, baz=105, slow=7.4, SNR=18.5				00 53 40.2	-1.7
NWAO	Narrogin (SRO)	58.13 208	P	P	00 52 55.2	+0.6
MK31	Makanchi Array	58.40 314	P	P	00 52 56.1	+0.3
MKAR	Makanchi Array	58.40 314	P	P	00 52 56.4	0.0
MAKZ	Makanchi	58.62 314	I	Amb	00 52 57.6	-0.4
N19K	Bonanza Creek	59.21 30	P	P	00 53 02.8	+0.9
KDAK	Kodiak Island	59.33 33	P	P	00 53 03.4	+0.9
J20K	Nowinta River	60.42 26	P	P	00 53 11.4	+1.5
BRK	Bradley Lake	60.66 31	P	P	00 53 11.1	-0.5
KURK	Castle Rocks	61.06 27	P	P	00 53 15.3	+1.0
KURK	Kurchatov	61.21 318	I	Amb	00 53 15.2	-0.3
KURB	Kurchatov Arra	61.26 318	P	P	00 53 15.2	-0.5
H21K	Melozitina Rive	61.44 25	P	P	00 53 17.9	+1.1
NR1K	Noril'sk	61.55 340	P	P	00 53 17.2	-0.2
NR1K	Noril'sk	61.55 340	I	Amb	00 53 17.1	-0.2
KTH	Kantishna Hill	61.60 27	P	P	00 53 17.9	0.0
BPAW	Bear Paw Mtn.	61.72 26	P	P	00 53 19.4	+0.8
MLY	Manley	62.08 25	P	P	00 53 22.1	+1.0
SCM	Sheep Creek Mo	62.81 29	P	P	00 53 26.8	+0.8
MDM	Murphy Dome	63.09 26	P	P	00 53 28.8	+1.1
H24K	Noodor Dome	63.45 25	P	P	00 53 30.5	+0.4
ILAR	Eielson Array	63.61 26	P	P	00 53 30.5	-0.6
RTZ	Ruatahuna	64.18 153	P	P	00 53 34.6	-0.6
RIDG	Independent Ri	64.28 28	P	P	00 53 35.2	-0.4
SCRK	Sand Creek	64.70 27	P	P	00 53 38.9	+0.5
J26L	Joseph Creek	64.97 27	P	P	00 53 40.3	+0.3
BMAR	Burnt Mountain	65.08 24	P	P	00 53 42.0	+1.4
L27K	Beaver Creek,	65.53 29	I	Amb	00 53 44.5	+0.9
BCAR	Beaver Creek	65.55 29	P	P	00 53 44.3	+0.6
BVAR	Borovoye Array	66.41 320	P	P	00 53 48.9	-0.5
BRVK	Borovoye	66.48 320	I	Amb	00 53 49.7	-0.1
KK31	Karatay Array	66.71 310	P	P	00 53 51.1	-0.4
KKAR	Karatay Array	66.71 310	I	Amb	00 53 51.2	-0.1
DAWY	Dawson	66.72 28	P	P	00 53 51.9	+0.7
GAR	Garm	67.23 305	I	Amb	00 53 54.6	-0.4
M30M	Minto, Yukon	67.80 29	P	P	00 53 58.9	+1.0
CHGR	Chuyangaron	68.17 305	P	P	00 54 00.1	-0.7
INK	Inuvik	69.33 23	P	P	00 54 07.6	+0.3
INK	Inuvik	69.33 23	P	P	00 54 06.8	-0.4
HMDM	Hanimaadhooh	71.30 271	P	P	00 54 20.1	-0.4
A36M	Sachs Harbour	72.04 19	P	P	00 54 23.1	-0.4
C36M	Paulatuk	72.71 22	P	P	00 54 27.3	-0.2
ARU	Arti	73.00 325	P	P	00 54 29.0	-0.5
ARU	Arti	73.00 325	I	Amb	00 54 28.6	-0.9
ABKAR	Akbulak array	73.28 317	P	P	00 54 30.3	-1.1
AKTO	Aktyubinsk	74.31 318	P	P	00 54 36.9	-0.4
GEYT	Alibeck	76.84 306	P	P	00 54 52.0	0.0
KIRV	Kirov	77.40 328	P	P	00 54 53.7	-0.8
EUNU	Eureka	77.57 8	P	P	00 54 56.1	+0.3
YKA	Yellowknife Ar	77.95 28	P	P	00 54 57.8	+0.3
YKA	comp-Z, 1.3nm, 0.6s, baz=290, slow=5.7, SNR=15				00 55 46.4	+1.7
BELG	Belogorye	80.14 322	P	P	00 55 09.3	-0.2
KLMR	Klimovskoe	81.39 332	eP	P	00 55 12.3	-3.7
ARCES	ARCES Array B	82.43 342	P	P	00 55 21.3	0.0
TULEG	Tuile	82.66 8	P	P	00 55 22.7	+0.3
NVAR	Minia Array Bea	83.13 52	P	P	00 55 27.1	+1.2
NVAR	comp-Z, 1.2nm, 0.7s, baz=265, slow=5.9, SNR=8.4				00 56 15.0	+1.6
FINES	FINES Array B	86.82 335	P	P	00 55 41.3	-2.1
PDAR	Pinedale Array	87.81 45	P	P	00 55 47.0	-1.9
HFS	Hagfors	92.32 338	P	P	00 56 07.2	-2.0
BRTR	Keskin Array B	94.05 314	P	P	00 56 16.1	-1.6
TORD	Torodi Ar, Bea	132.40 309	PKP	PKPdf	01 02 13.0	-0.2
LVC	Limon Verde	147.47 103	PKPbc	PKPdf	01 02 41.1	+0.6

mb4.7/56, Mw4.3/44, Mw4.6(GUC), Error ellipse: s-maj=10.7km s-min=6.7km az=89.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr=1.70; Mw=0.35; Mm=0.25; Mz=0.04; Mw=1.72; Mw=0.20; Fault plane solution: M3.28000*10^15 NP1:329.95000*, delta4.11000*, lambda-31.33000*. Principal axes: T 3.2383, P15.0000*, Azm57.0000*, N 0.0792, Plg36.0000*, Azm316.0000*, P -3.3175, Plg50.0000*, Azm165.0000*; IDC 28.01:06:54.0, 0.6, 19:24:5:68.97W, h115km, 2km, mb4.0/13, mbmp4.4/16 Error ellipse: s-maj=16.7km s-min=8.9km az=89.0

GUC 28.01:06:54.0, 0.7, 19:24:5:69.24W, h111km, 2km, ML4.6 VAO 28.01:06:55.7, 0.5, 19:08:68.91W, h122km, 4km, mb4.5 ISC 28.01:06:53.0, 0.4, 19:27:03.0, 69.21W, 0.05, h112km, 3km, n219, o1s31/267, mb4.5/33, 10C-4D, Northern Chile

Code	Station Name	Delta	AZ	Phase ID	Time	Res
MMNC	Minye Minye	0.39	291	Op	01 07 10.2	+0.3
MMNC	Minye Minye	0.39	291	Sn	01 07 22.3	-0.1
MMNC	Minye Minye	0.39	291	eS	01 07 10.1	+0.3
MMNC	Minye Minye	0.39	291	eS	01 07 22.8	+0.4
MMNC	Minye Minye	0.39	291	eS	01 07 25.0	
MMNCX	Minye Minye	0.39	291	eS	01 07 10.1	+0.3
MMNCX	Minye Minye	0.39	291	eS	01 07 24.2	+1.9
MMNCX	Minye Minye	0.39	291	eS	01 07 25.4	
GO01	Chusmiza	0.40	178	Op	01 07 11.2	+1.1
GO01	Chusmiza	0.40	178	Sn	01 07 23.7	+0.8
GO01	Chusmiza	0.40	178	eS	01 07 10.7	+0.6
GO01	Chusmiza	0.40	178	eS	01 07 24.0	+1.1
GO01	Chusmiza	0.40	178	eS	01 07 25.0	
GO01	Chusmiza	0.40	178	eS	01 07 11.0	+0.9
GO01	Chusmiza	0.40	178	eS	01 07 24.6	+1.7
GO01	Chusmiza	0.40	178	eS	01 07 11.6	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 25.4	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 12.0	+0.7
GO01	Chusmiza	0.40	178	eS	01 07 25.5	+0.4
GO01	Chusmiza	0.40	178	eS	01 07 27.1	
GO01	Chusmiza	0.40	178	eS	01 07 11.0	+0.9
GO01	Chusmiza	0.40	178	eS	01 07 24.6	+1.7
GO01	Chusmiza	0.40	178	eS	01 07 11.6	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 25.4	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 12.0	+0.7
GO01	Chusmiza	0.40	178	eS	01 07 25.5	+0.4
GO01	Chusmiza	0.40	178	eS	01 07 27.1	
GO01	Chusmiza	0.40	178	eS	01 07 11.0	+0.9
GO01	Chusmiza	0.40	178	eS	01 07 24.6	+1.7
GO01	Chusmiza	0.40	178	eS	01 07 11.6	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 25.4	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 12.0	+0.7
GO01	Chusmiza	0.40	178	eS	01 07 25.5	+0.4
GO01	Chusmiza	0.40	178	eS	01 07 27.1	
GO01	Chusmiza	0.40	178	eS	01 07 11.0	+0.9
GO01	Chusmiza	0.40	178	eS	01 07 24.6	+1.7
GO01	Chusmiza	0.40	178	eS	01 07 11.6	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 25.4	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 12.0	+0.7
GO01	Chusmiza	0.40	178	eS	01 07 25.5	+0.4
GO01	Chusmiza	0.40	178	eS	01 07 27.1	
GO01	Chusmiza	0.40	178	eS	01 07 11.0	+0.9
GO01	Chusmiza	0.40	178	eS	01 07 24.6	+1.7
GO01	Chusmiza	0.40	178	eS	01 07 11.6	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 25.4	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 12.0	+0.7
GO01	Chusmiza	0.40	178	eS	01 07 25.5	+0.4
GO01	Chusmiza	0.40	178	eS	01 07 27.1	
GO01	Chusmiza	0.40	178	eS	01 07 11.0	+0.9
GO01	Chusmiza	0.40	178	eS	01 07 24.6	+1.7
GO01	Chusmiza	0.40	178	eS	01 07 11.6	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 25.4	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 12.0	+0.7
GO01	Chusmiza	0.40	178	eS	01 07 25.5	+0.4
GO01	Chusmiza	0.40	178	eS	01 07 27.1	
GO01	Chusmiza	0.40	178	eS	01 07 11.0	+0.9
GO01	Chusmiza	0.40	178	eS	01 07 24.6	+1.7
GO01	Chusmiza	0.40	178	eS	01 07 11.6	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 25.4	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 12.0	+0.7
GO01	Chusmiza	0.40	178	eS	01 07 25.5	+0.4
GO01	Chusmiza	0.40	178	eS	01 07 27.1	
GO01	Chusmiza	0.40	178	eS	01 07 11.0	+0.9
GO01	Chusmiza	0.40	178	eS	01 07 24.6	+1.7
GO01	Chusmiza	0.40	178	eS	01 07 11.6	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 25.4	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 12.0	+0.7
GO01	Chusmiza	0.40	178	eS	01 07 25.5	+0.4
GO01	Chusmiza	0.40	178	eS	01 07 27.1	
GO01	Chusmiza	0.40	178	eS	01 07 11.0	+0.9
GO01	Chusmiza	0.40	178	eS	01 07 24.6	+1.7
GO01	Chusmiza	0.40	178	eS	01 07 11.6	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 25.4	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 12.0	+0.7
GO01	Chusmiza	0.40	178	eS	01 07 25.5	+0.4
GO01	Chusmiza	0.40	178	eS	01 07 27.1	
GO01	Chusmiza	0.40	178	eS	01 07 11.0	+0.9
GO01	Chusmiza	0.40	178	eS	01 07 24.6	+1.7
GO01	Chusmiza	0.40	178	eS	01 07 11.6	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 25.4	+0.3
GO01	Chusmiza	0.40	178	eS	01 07 12.0	+0.7
GO01	Chusmiza	0.40	178	eS	01 07 25.5	+0.4
GO01	Chusmiza	0.40	178	eS	01 07 27.1	
GO01	Chusmiza	0.40	178	eS	01 07 11.0	+0.9
GO01	Chusmiza	0.40	178	eS	01 07 24.6	+1.7
GO01	Chusmiza	0.40	178	eS	01 07 11.6	+0.3
GO01	Chusmiza					

28d 2h

Table of station data for 28d 2h, including columns for station name, coordinates, and various parameters like elevation and frequency.

2016 DEC

Main table of station data for 2016 DEC, listing station names, coordinates, and operational details.

1998

Table of station data for 1998, including station names, coordinates, and specific parameters.

1999

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like JAK Akkeshi, JTRK Abashiri-Toko, and XLT XilinHaoTe.

2016 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like XLT comp=E,31nm,0.6s, JOW Kunigami, and XLT comp=E,31nm,0.6s.

28d 2h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MLY Manley, MLY Manley, and MLY Manley.

28d 4h

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res, ISC. Includes stations like Mountain Grove, Woolly Hollow, White Oak Lake, etc.

ISC 28d 04:30:59.1-0.8, 42.87S;-83.68E, h0km, mb4.3/10, mbmp4.2/10, MS4.1/35, Error ellipse: s-maj=31.1km s-min=20.8km az=82.0

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res, ISC. Includes stations like Amsterdam, Cape Leeuwin, etc.

2016 DEC

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res, ISC. Includes stations like Warramunga Arr, Warramunga Arr, etc.

ISC 28d 04:43:48.8-0.6, 29.48N;-105.71E, h0km, mb4.1/18, mbmp4.1/20, ML4.3/2, MS3.5/4, Error ellipse: s-maj=19.3km s-min=14.2km az=56.0

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res, ISC. Includes stations like Chengdu, Guiyang, etc.

2002

Table with columns: Code, Station Name, Az, El, P, M, S, Time, Res, ISC. Includes stations like Xian, ChangSha, Lanzhou, etc.

28d 5h

Table with columns for station call letters, frequency, and other technical details. Includes stations like MACA, MTOS, GTBY, etc.

2016 DEC

Table with columns for station call letters, frequency, and other technical details. Includes stations like RCLB, ITAB, H5AR, etc.

2004

Table with columns for station call letters, frequency, and other technical details. Includes stations like SCHO, EGMT, EDM, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Rabbit Creek A, Bearman Lake, Pokok Plat Res, etc.

Table with columns: GERES, Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Saint Paul Is, South Pole Qui, FINESS Array, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RHOSS 28 07:08:23.0, ULC Ulcinj, DRME Dracevica, etc.

28d 8h

mb4.4/4, MLv5.2/3
ISC 28 07:33:03.1, 0.4, 6.00S, 0.06E, 148.44E, 0.07, h65km, n72,
c176/76, mb4.4/21, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their data points.

2016 DEC

BDFB Brasilia 153.03 143 PKPbc PKPbc 07 52 53.6 -0.9
comp=Z, 3.8nm, 0.4s, baz=205, slow=3.1, SNR=7.8

MOS 28 07:40:14.6, 1.2, 42.81N, 146.52E, h30km, mb4.1/1, Error
ellipse: s-maj=20.8km s-min=10.2km az=106.6
SKHL 28 07:40:15.9, 0.4, 42.80N, 146.40E, h51km, mb4.4/2
NIED 28 07:40:16.4, 42.97N, 146.52E, h46km, MW3.8, Moment
Tensor Solution - s3 Moment tensor: Scale 10^11Nm;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their data points.

2006

H11N3 WAKE ISLAND Hy 21.38 90 T T 08 25 45.5
baz=278, slow=75, SNR=4.8

H11S3 WAKE ISLAND Hy 21.38 94 T T 08 25 44.1
baz=281, slow=75, SNR=4.6
H11S1 WAKE ISLAND Hy 21.38 94 T T 08 25 44.9
baz=281, slow=75, SNR=3.9
H11S2 WAKE ISLAND Hy 21.39 94 T T 08 25 45.4
baz=281, slow=75, SNR=4.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their data points.

2007

NNS	baz=255 Nan Shan	0.73 236	P	Pn	08 12 52.5 +0.3
NNS	baz=242		S	Sn	08 13 06.0 +0.2
NNSB	baz=242 Datong	0.73 235	i P	Pn	08 12 52.5 +0.2
NNSB	baz=241		eS	Sn	08 13 06.4 +0.6
PCYT	baz=241 Pengchaiyu	0.77 2	eP	Pn	08 12 52.8 +0.3
NCU	baz=20 National Centr	0.78 279	eP	Pn	08 12 52.8 +0.2
NCU	baz=271		eS	Sn	08 13 07.1 +0.7
NCUH	baz=271 Zhongli	0.78 278	eP	Pn	08 12 52.9 +0.3
NCUH	baz=271		eS	Sn	08 13 07.1 +0.7
ETL	baz=271 Fush Village	0.79 209	eP	Pn	08 12 52.5 -0.2
ETL	baz=219		eS	Sn	08 13 06.4 -0.1
NACB	baz=219 Ninganchiao	0.79 211	P	Pn	08 12 52.2 -0.5
NACB	baz=211		eS	Pn	08 12 52.1 -0.6
NACB	baz=211		eS	Sn	08 13 05.5 -1.0
ETLH	baz=211 Xiulin Townshi	0.82 218	P	Pn	08 12 52.9 -0.2
ETLH	baz=226		eS	Sn	08 13 06.6 -0.6
NFF	baz=226 Wufeng Townshi	0.87 255	eP	Pn	08 12 53.3 -0.2
NFF	baz=256		eS	Sn	08 13 07.3 -0.6
TWD	baz=256 Chiawan	0.87 208	P	Pn	08 12 53.0 -0.4
TWD	baz=218		S	Sn	08 13 07.1 -0.7
FUSS	baz=218 Fushou	0.94 230	eP	Pn	08 12 54.9 +0.4
FUSS	baz=224		eS	Sn	08 13 10.1 +0.4
LIOB	baz=252 Emei	0.95 258	P	Pn	08 12 54.3 +0.0
LIOB	baz=252		S	Sn	08 13 09.1 -0.4
SBCB	baz=252 Hsinchu	0.96 267	eP	Pn	08 12 54.6 +0.3
SBCB	baz=260		eS	Sn	08 13 09.7 +0.2
YOJ	baz=260 Yonaguni jima	0.97 114	P	Pn	08 12 54.5 +0.1
YOJ	baz=260		eS	Pn	08 13 09.3 -0.3
NSTT	baz=251 Nanjiang	0.97 257	P	Pn	08 12 54.4 -0.1
NSTT	baz=251		eS	Sn	08 13 09.3 -0.4
TWT	baz=251 Tachien	0.99 233	P	Pn	08 12 55.6 +0.8
TWT	baz=228		eS	Sn	08 13 11.3 +1.0
WHF	baz=228 Hehuan Shan	1.00 225	P	Pn	08 12 55.4 +0.2
WHF	baz=220		eS	Sn	08 13 10.9 -0.1
TDCB	baz=220 Techi	1.00 233	P	Pn	08 12 55.6 +0.6
TDCB	baz=228		S	Sn	08 13 10.9 +0.3
CHGB	baz=228 Renai	1.12 225	P	Pn	08 12 56.9 +0.5
CHGB	baz=220		eS	Sn	08 13 13.1 +0.2
WHP	baz=220 Taichung City	1.15 240	P	Pn	08 12 57.0 +0.5
WHP	baz=241		eS	Sn	08 13 13.5 +0.2
ESL	baz=241 Shilin	1.17 208	eP	Pn	08 12 57.5 +0.7
NMLH	baz=214 Miaoli	1.18 255	P	Pn	08 12 56.8 +0.0
NMLH	baz=255		eS	Sn	08 13 13.5 -0.3
WUSB	baz=255 Renai	1.20 225	P	Pn	08 12 57.6 +0.4
WUSB	baz=221		eS	Sn	08 13 14.7 +0.2
NSY	baz=221 Sanyi	1.24 250	P	Pn	08 12 57.8 +0.3
NSY	baz=250		eS	Sn	08 13 15.4 +0.3
TWQ1	baz=250 Liyutan	1.26 247	P	Pn	08 12 57.8 0.0
TWQ1	baz=247		eS	Sn	08 13 15.3 -0.2
WCS	baz=247 Beigang Elemen	1.30 233	P	Pn	08 12 58.7 +0.5
WCS	baz=240		S	Sn	08 13 16.3 0.0
EGFH	baz=240 Guangfu	1.31 205	eP	Pn	08 12 57.9 -0.3
EGFH	baz=212		eS	Sn	08 13 15.2 -1.3
VWDT	baz=212 VWDT	1.37 217	P	Pn	08 12 59.4 +0.4
VWDT	baz=212		eS	Sn	08 13 18.1 +0.4
WDJ	baz=212 Dajia District	1.37 249	P	Pn	08 12 59.3 +0.3
WDJ	baz=243		eS	Sn	08 13 17.9 +0.1
SMLT	baz=243 Sun Moon Lake	1.42 227	P	Pn	08 13 00.1 +0.3
SMLT	baz=234		eS	Sn	08 13 20.3 +1.3
TYC	baz=234 Yuchi	1.43 229	P	Pn	08 13 00.1 +0.3
TYC	baz=235		eS	Sn	08 13 19.4 +0.3
SSLB	baz=235 Suanglung	1.45 223	P	Pn	08 13 00.6 +0.5
SSLB	baz=223		eS	Pn	08 13 00.5 +0.4
SSLB	baz=223		eS	Sn	08 13 20.4 +0.7
HGSD	baz=223 Ruisui	1.47 203	eP	Pn	08 12 60.0 -0.2
HGSD	baz=210		eS	Sn	08 13 20.6 +0.7
WHT	baz=210 Hungye	1.49 206	eP	Pn	08 13 00.8 +0.2
WHT	baz=201		eS	Pn	08 13 01.9 +0.5
WNT	baz=240 Xinyi Township	1.58 223	eP	Pn	08 13 02.2 +0.5
WHYT	baz=240		eS	Sn	08 13 23.4 +0.9
YULB	baz=231 Yu-Hi	1.61 205	P	Pn	08 13 01.6 -0.3
YULB	baz=201		eP	Pn	08 13 00.6 -1.3
IRIF	baz=201 Iriomote-Funau	1.62 108	P	Pn	08 13 02.2 +0.1
IRIF	baz=229		S	Sn	08 13 02.7 -0.6
ALS	baz=229 Alishan	1.75 220	P	Pn	08 13 04.6 +0.6
ALS	baz=229		S	Sn	08 13 27.2 +0.6
CHNS	baz=229 Tsauling	1.76 225	P	Pn	08 13 04.2 +0.2
CHNS	baz=224		eS	Sn	08 13 27.3 +0.7
WRL	baz=224 Guolierin Hig	1.79 238	P	Pn	08 13 04.1 -0.1
WRL	baz=245		eS	Sn	08 13 26.3 -0.7
HATJ	baz=245 Hateruma jima	1.79 116	P	Pn	08 13 04.9 +0.6
HATJ	baz=239		eS	Pn	08 13 27.5 +0.4
WDLH	baz=239 Douliu	1.79 230	P	Pn	08 13 04.6 +0.3
WDLH	baz=239		S	Sn	08 13 27.5 +0.4
EHD	baz=239 Haidun	1.86 204	eP	Pn	08 13 05.9 +0.7
JKRS	baz=200 Kuro-shima	1.90 108	P	Pn	08 13 05.8 +0.2
JKRS	baz=200		S	Sn	08 13 29.5 +0.1
WTK	baz=200 Tuku	1.90 233	eP	Pn	08 13 05.4 -0.2

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WTK	baz=241	eS	Sn	08 13 29.1 -0.4	
ELDTW	baz=204 Lidau	1.90 210	eP	Pn	08 13 05.7 -0.1
ELDTW	baz=204		eS	Sn	08 13 29.0 -0.8
WCKO	baz=222 Fanlu	1.93 223	eP	Pn	08 13 06.6 +0.6
WCKO	baz=222		eS	Sn	08 13 30.5 +0.4
JJJ	baz=222 Ishigaki jima	1.98 104	P	Pn	08 13 06.5 -0.1
JJJ	baz=222		S	Sn	08 13 30.4 -0.8
EDH	baz=203 Donghe	1.99 200	eP	Pn	08 13 06.4 -0.4
EDH	baz=203		eS	Sn	08 13 30.3 -1.3
CHN4	baz=221 Tsauhsan	2.00 222	eP	Pn	08 13 07.2 +0.3
CHN4	baz=221		eS	Sn	08 13 33.1 +1.4
TPUB	baz=219 Ta-pu	2.01 220	P	Pn	08 13 07.4 +0.3
TPUB	baz=219		eS	Pn	08 13 07.2 +0.1
TPUB	baz=219		eS	Sn	08 13 32.4 +0.2
STYH	baz=206 Taoyuan	2.04 215	eP	Pn	08 13 07.8 +0.4
STYH	baz=206		eS	Sn	08 13 33.2 +0.5
JJSG	baz=208 Ishigakijimahi	2.08 97	P	Pn	08 13 08.2 +0.3
JJSG	baz=208		eS	Pn	08 13 34.0 +0.3
WSL	baz=238 Shuilin Townsh	2.12 232	eP	Pn	08 13 08.1 -0.4
WSL	baz=238		eS	Sn	08 13 34.3 -0.2
TWK	baz=223 Hsiung	2.12 222	eP	Pn	08 13 08.4 -0.1
CHN1	baz=219 Nanshi	2.16 220	eP	Pn	08 13 09.1 +0.1
CHN1	baz=219		eS	Sn	08 13 35.4 -0.2
JTJ	baz=208 Tarama	2.43 94	P	Pn	08 13 13.1 +0.7
JTJ	baz=208		S	Sn	08 13 42.1 +0.3
MASBT	baz=208 Mashibuluo	2.58 210	eP	Pn	08 13 14.7 +0.2
MASBT	baz=208		eS	Sn	08 13 44.6 -0.7
PNG	baz=242 Penghu	2.60 241	P	Pn	08 13 13.7 -1.1
PHUB	baz=242 Peng-hu	2.62 240	eP	Pn	08 13 13.9 -1.1
PTMZ	baz=275 Houxiangcun	2.66 275	P	Pn	08 13 14.7 -0.7

DC 28 08:14:18.2,2.1,39.05N;74.33E,h0km,mb4.0/4, mbtmp3.8/9,ML3.2/5,MS4.7/1,Error ellipse: s-maj=37.3km s-min=18.0km az=123.0
MOS 28 08:14:19.7,0.6,38.89N;74.42E,h28km,mb4.2/1,Error ellipse: s-maj=9.2km s-min=4.3km az=91.7
SOME 28 08:14:19.1,39.22N;74.23E,h0km
NNC 28 08:14:25.3,1.3,39.36N;74.50E,h0km,mb4.2,mpv4.0, Error ellipse: s-maj=10.8km s-min=7.4km az=151.0
ISC 28 08:14:18.9,0.7,38.86N;0.04;74.42E;0.03,h10km,n124, a192/168,mb4.0/4,12C-3D,Tajikistan-Xinjiang border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KSH	Kashi	1.37	61	Op Pn	08 14 36.8 +7.4	
KSH	Kashi			Sg Smax	08 14 49.3 -13	
KSH	comp=N,1µm,0.8s			smax smax		
OHH	Osh	2.08	323	i Pn	08 14 53.9 -0.1	
OHH	Osh			i S	08 15 21.9 -0.9	
ARLS	Aral	3.00	359	i Pn	08 15 06.1 -0.5	
ARLS	Aral			i S	08 15 42.8 +0.2	
BTk	Batken	3.03	294	i Pn	08 15 07.3 +0.3	
BTk	Batken			i S	08 15 45.0 +1.6	
GAR	Garm	3.20	274	i Pn	08 15 09.9 +0.5	
GAR	Garm			i S	08 15 49.3 +1.6	
AML	Almayashu	3.31	351	P	08 15 11.5 +0.4	
AML	Almayashu	3.31	351	i Pn	08 15 10.9 -0.2	
AML	Almayashu			i S	08 15 51.2 +0.5	
UCH	Uchtor	3.36	1	P	08 15 12.8 +0.9	
UCH	Uchtor			i Pn	08 15 11.3 -0.6	
UCH	Uchtor			i S	08 15 52.1 0.0	
ARK	Arkit	3.48	328	i Pn	08 15 13.3 +0.1	
ARK	Arkit			i S	08 15 55.3 +0.7	
ULHL	Ulaloh	3.65	22	P	08 15 24.2 +0.5	
ULHL	Ulaloh			i Pn	08 15 14.9 -0.8	
ULHL	Ulaloh			i S	08 15 58.3 -0.6	
TRKS	Terek-Say	3.66	318	i Pn	08 15 15.0 -0.7	
TRKS	Terek-Say			i S	08 15 58.5 -0.6	
AAK	Ala-Archa	3.77	1	P	08 15 18.8 +1.3	
AAK	Ala-Archa	3.77	1	Pn	08 15 18.7 +1.5	
AAK	comp=E,5.9nm,0.3s,SNR=186,slow=8.8,SNR=35			Lg	08 16 09.8	
BOOM	Boomskeye usch	3.80	17	i Pn	08 15 17.0 -0.7	
BOOM	Boomskeye usch			i S	08 16 01.9 -0.7	
KBK	Karagaybulak	3.81	6	P	08 15 19.2 +1.4	
KBK	Karagaybulak			i Pn	08 15 17.2 -0.6	
KBK	Karagaybulak			i S	08 16 02.3 -0.5	
EKS2	Erkin-Say	3.83	353	P	08 15 19.1 +1.1	
EKS2	Erkin-Say			ePn	08 15 17.7 -0.3	
KDJ	Kanjais	3.88	32	i Pn	08 15 18.0 -0.8	
KDJ	Kanjais			i S	08 16 03.5 -1.0	
FRU1	Bishkek	3.95	2	i Pn	08 15 19.5 -0.1	
FRU1	Bishkek			eP	08 16 05.9 0.0	
MRKS	Merke	3.98	347	eP	08 15 27.1 -2.1	
MRKS	Merke			eS	08 16 16.6 -0.8	
CHGR	Chuyargaron	4.12	269	i Pn	08 15 22.5 +0.6	
CHGR	Chuyargaron			i S	08 16 14.4 +1.2	
CHMS	Chumysh	4.14	3	P	08 15 22.8 +0.6	
CHMS	Chumysh			i Pn	08 15 22.8 +0.6	
CHMS	Chumysh			Lg	08 16 20.5	
CHMS	Chumysh			Pn	08 15 22.8 +0.6	
TKM2	Tokmak 2	4.15	12	P	08 15	

2009		2016 DEC		28d 8h																
S22A	4UR Ranch, Cre baz=278,SNR=17	9.55	90	P	Pn	08 20 19.9 -0.5	JCT	Junction City baz=302,SNR=92	17.60	111	P	Pn	08 22 08.4 +0.5	R40A	Maddies Statio baz=279,SNR=26	20.89	82	P	P	08 22 44.5 -0.4
NEW	Newport comp=Z,1.1nm,0.3s,baz=182,slow=14,SNR=42	9.99	7	Pn	Pn	08 20 27.8 +1.7	JCT	Junction City baz=302,SNR=92	17.60	111	P	P	08 22 09.1 +0.1	P40A	Paris comp=Z,93nm,1.0s	20.91	78	Iamb	Iamb	08 22 50.3
NEW	comp=Z,1.2nm,0.3s,baz=60,slow=9.2,SNR=1.9					08 23 12.5	OK04	6 Pawnee Station comp=Z,353nm,1.3s	17.60	90	Iamb	Iamb	08 22 12.0	P40A	Paris comp=Z,275,SNR=31	20.91	78	P	P	08 22 44.8 -0.3
NEW	comp=Z,9um,19.1s,baz=186,slow=37					08 24 09.0	ECSD	EROS Data Cent ECSD	17.64	65		Pn	08 22 06.8 -1.5	MGMO	Mountain Grove Telegraph Cree	21.08	85	P	P	08 22 46.1 -0.9
N23A	Red Feather La baz=260	10.32	72	P	Pn	08 20 31.2 +0.4	ECSD	EROS Data Cent baz=260,SNR=20	17.64	65	P	Pn	08 22 06.5 -1.9	DLBC	comp=Z,30nm,0.9s,baz=163,slow=11,SNR=18	21.35	344	P	LR	08 22 51.9 +2.0
K22A	Casper baz=250,SNR=18	10.36	62	P	Pn	08 20 32.5 +1.2	ECSD	EROS Data Cent baz=260,SNR=20	17.66	91	Iamb	Iamb	08 22 07.2 -1.1	DLBC	comp=Z,31um,18.8s,baz=170,slow=38	21.35	344	P	LR	08 31 42.4
K22A	Casper baz=250,SNR=18	10.36	62	P	Pn	08 20 29.1 -2.2	OK030	Mesa comp=Z,238nm,1.3s	17.76	91	Iamb	Iamb	08 22 11.7	DLBC	baz=155,SNR=24	21.43	71	P	P	08 22 50.1 +0.3
ISCO	Idaho Springs baz=266,SNR=24	10.44	78	P	Pn	08 20 34.3 +1.7	OK031	S. Brethren R comp=Z,247nm,1.3s	17.76	91	Iamb	Iamb	08 22 13.0	L40A	Anamosa baz=269,SNR=19	21.48	88	Iamb	Iamb	08 22 49.6 -1.2
ISCO	Idaho Springs baz=266,SNR=24	10.44	78	P	Pn	08 20 31.8 -0.8	OK052	Battle Ridge R comp=Z,274nm,1.3s	17.78	91	Iamb	Iamb	08 22 13.2	FCAR	Ozark Folk Cen comp=Z,67nm,1.2s	21.48	88	Iamb	Iamb	08 22 57.4
ANMO	Albuquerque comp=Z,5.9nm,0.8s,baz=45,slow=3.2,SNR=11	10.57	105	Pn	Pn	08 20 35.0 +0.8	OK053	SW of W Deep R comp=Z,235nm,1.3s	17.78	91	Iamb	Iamb	08 22 13.2	WHAR	Wooly Woolen comp=Z,98nm,1.0s	21.51	90	Iamb	Iamb	08 23 00.0
ANMO	comp=Z,0.4nm,0.3s,baz=105,slow=9.2,SNR=3.6					08 23 29.3	T35A	Sooner Cattle Sooner Cattle	17.80	88	P	Pn	08 22 09.6 -0.8	SIT	Sitka baz=143	21.62	335	P	P	08 22 51.0 -1.6
ANMO	comp=Z,10um,21.0s,baz=20,slow=42					08 25 19.6	T35B	Sooner Cattle Sooner Cattle	17.80	88	P	Pn	08 22 10.4 0.0	S32K	Killisnoo baz=145	21.71	337	P	P	08 22 52.0 -1.6
ANMO	Albuquerque baz=293,SNR=12	10.57	105	P	Pn	08 20 35.2 +1.0	OK030	Cody Creek RV comp=Z,227nm,1.3s	17.81	91	Iamb	Iamb	08 22 13.6	E38A	The Farm, Brul comp=Z,174nm,1.4s	21.72	59	Iamb	Iamb	08 23 09.1
ANMO	Albuquerque baz=293	10.57	105	P	Pn	08 20 33.8 -0.5	QUOK	Quay comp=Z,199nm,1.3s	17.81	90	Iamb	Iamb	08 22 13.5	E38A	The Farm, Brul baz=258,SNR=13	21.72	59	P	P	08 22 52.4 -1.4
ANMO	Albuquerque baz=293	10.57	105	P	Pn	08 20 35.7 +1.5	OK034	N. Norfolk Rd. comp=Z,258nm,1.3s	17.84	91	Iamb	Iamb	08 22 14.0	CCM	Cathedral Cave Cathedral Cave	21.72	82	P	IAMS_20	08 22 52.7 -1.2
Y22D	IRIS PASSCAL I baz=298	10.59	110	P	Pn	08 20 33.5 -1.0	DEOK	Depew comp=Z,281nm,1.2s	18.05	91	Iamb	Iamb	08 22 16.6	CCM	Cathedral Cave Cathedral Cave	21.72	82	P	IAMS_20	08 21 53.2
Y22F	Pascal Instru baz=298	10.59	110	P	Pn	08 20 33.9 -0.5	LOOK	Love County LOOK	18.07	97	P	P	08 22 14.3 +0.1	CCM	Cathedral Cave Cathedral Cave	21.72	82	P	P	08 22 53.1 -0.7
SDCO	Great Sand Dun baz=278,SNR=21	10.60	89	P	Pn	08 20 35.5 +0.8	N35A	Tabar comp=Z,317nm,1.5s	18.10	75	P	Pn	08 22 13.3 -0.7	CCM	Cathedral Cave Cathedral Cave	21.72	82	P	P	08 22 52.4 -1.5
SDCO	Great Sand Dun baz=278,SNR=21	10.60	89	P	Pn	08 20 33.2 -1.5	Z35A	Perchaven, San comp=Z,277nm,1.4s	18.25	99	Iamb	Iamb	08 22 19.5	CCM	Cathedral Cave Cathedral Cave	21.72	82	P	pmax	08 22 52.7 -1.2
Y22A	Socorro baz=298,SNR=15	10.62	111	P	Pn	08 20 38.8 +4.0	Z35A	Perchaven, San baz=298,SNR=20	18.25	99	P	P	08 22 16.6 +0.4	CCM	comp=Z,63nm,1.0s		MLR	MLR		
121A	Cookes Peak, D baz=306	10.78	119	P	Pn	08 20 38.9 +1.9	F33A	5 Mile Ranch, baz=254,SNR=15	18.34	59	P	P	08 22 16.8 -0.2	N41A	Harden Millard baz=273,SNR=14	21.73	75	P	P	08 22 52.9 -1.1
121A	Cookes Peak, D baz=306,SNR=30	10.78	119	P	Pn	08 20 36.5 -0.5	TUL1	Leonard comp=Z,165nm,1.0s	18.59	90	Iamb	Iamb	08 22 24.1	I40A	Norwalk comp=Z,121nm,1.1s	21.96	66	Iamb	Iamb	08 23 07.3
Q24A	Divide baz=271,SNR=9.9	10.79	82	P	Pn	08 20 35.1 -2.1	TUL1	Leonard baz=285,SNR=36	18.59	90	P	P	08 22 19.7 -0.1	I40A	Norwalk baz=265	21.96	66	P	P	08 22 55.1 -1.4
T25A	Trinidad baz=281,SNR=18	11.55	92	P	Pn	08 20 46.4 -1.3	TUL1	Leonard baz=285,SNR=36	18.59	90	P	P	08 22 19.5 -0.4	KOTAN	Kotanelee Ar baz=169,SNR=26	22.04	353	P	P	08 22 57.1 0.0
EGMT	Eggleton baz=213,SNR=6.8	11.74	32	P	Pn	08 20 50.9 +0.9	WHTX	Lake Whitney, baz=296,SNR=29	18.64	103	P	Pn	08 22 21.7 +1.1	EYMN	Ely baz=254	22.08	55	P	P	08 22 56.0 -1.7
LAO	LASA Array baz=233	12.52	44	P	Pn	08 20 58.7 -2.0	WHTX	Lake Whitney, baz=296,SNR=29	18.64	103	P	Pn	08 22 21.8 +1.1	EYMN	Ely baz=254	22.08	55	P	P	08 22 55.2 -2.5
RSSD	Black Hills baz=248	12.59	58	Pn	Pn	08 21 00.8 -1.0	V35K	Ketchikan baz=296,SNR=29	19.02	337	P	P	08 22 24.4 0.0	EYMN	Ely baz=254	22.08	55	P	P	08 22 55.8 -1.9
RSSD	Black Hills baz=248	12.59	58	Pn	Pn	08 20 59.9 -1.9	435B	Jarrell comp=Z,142nm,1.2s	19.10	107	Iamb	Iamb	08 22 31.5	JFWS	Jewell Farm comp=Z,82nm,0.9s	22.17	69	Iamb	Iamb	08 22 57.4 -1.3
RSSD	Black Hills Kaye Sheddok baz=272,SNR=31	12.59	58	Pn	Pn	08 21 01.4 -0.4	435B	Jarrell baz=299,SNR=8.1	19.10	107	P	Pn	08 22 26.9 +0.7	JFWS	Jewell Farm baz=268,SNR=19	22.17	69	P	IAMS_20	08 23 17.7
RSSD	Black Hills Kaye Sheddok baz=272,SNR=31	12.59	58	Pn	Pn	08 21 07.6 +3.7	435B	Jarrell baz=299	19.10	107	P	Pn	08 22 27.3 +1.1	JFWS	Jewell Farm baz=268,SNR=19	22.17	69	P	P	08 22 56.8 -2.0
KSCO	Kaye Sheddok baz=272,SNR=31	12.75	82	P	Pn	08 21 04.2 +0.3	833A	Chaparral WMA, baz=307,SNR=18	19.10	116	P	Pn	08 22 27.8 +1.5	JFWS	Jewell Farm baz=268,SNR=19	22.17	69	P	P	08 22 56.2 -2.6
MNTX	Cornudas Mount baz=305,SNR=28	12.92	117	P	Pn	08 21 09.2 +3.0	833A	Chaparral WMA, baz=307,SNR=18	19.10	116	P	Pn	08 22 26.9 +0.6	JFWS	Jewell Farm comp=Z,82nm,1.0s	22.17	69	P	pmax	08 22 57.4 -1.3
MNTX	Cornudas Mount baz=305,SNR=28	12.92	117	P	Pn	08 21 06.8 +0.6	RLO	Rose Lookout comp=Z,85nm,1.2s	19.13	89	Iamb	Iamb	08 22 32.0	JFWS	comp=Z,17um,22.0s	22.17	69	P	P	08 22 56.8 -2.0
OGNE	Ogallala baz=264	13.27	73	P	Pn	08 21 11.6 +0.6	X37A	Clayton baz=274,SNR=28	19.29	94	P	P	08 22 27.2 -0.4	JFWS	Jewell Farm baz=268,SNR=19	22.17	69	P	P	08 22 56.2 -2.6
MSTX	Muleshoe baz=293,SNR=55	13.76	104	P	Pn	08 21 20.7 +3.0	X37A	Clayton baz=288,SNR=52	19.29	94	P	P	08 22 27.6 0.0	LCAR	Lake Charles comp=Z,97nm,1.2s	22.20	87	Iamb	Iamb	08 23 08.2
MSTX	Muleshoe baz=293,SNR=55	13.76	104	P	Pn	08 21 19.2 +1.5	AGMN	Agassiz Nation AGMN	19.43	52	P	Iamb	08 22 27.8 -1.2	LCAR	Lake Charles baz=284,SNR=28	22.20	87	P	P	08 22 59.4 +0.4
AMTX	Amarillo baz=289,SNR=13	14.27	99	P	P	08 21 28.8 -3.3	AGMN	Agassiz Nation baz=248,SNR=57	19.43	52	P	P	08 22 27.9 -1.0	Q32M	Nakina River baz=152	22.34	342	P	P	08 23 00.1 -0.6
AMTX	Amarillo baz=289,SNR=13	14.27	99	P	Pn	08 21 27.0 +2.4	U38A	Gravette baz=283,SNR=31	19.57	88	P	P	08 22 30.5 -0.1	R32K	Eaglecrest baz=146	22.36	338	P	P	08 23 00.6 0.0
DGMT	Dagmar baz=289	14.69	42	P	Pn	08 21 31.3 +1.0	CRAG	Craig baz=145	19.61	335	P	P	08 22 30.6 -0.2	FVM	French Village baz=146	22.37	82	P	P	08 22 58.8 -2.1
DGMT	Dagmar baz=289	14.69	42	P	Pn	08 21 30.5 +0.1	P38A	Dawn baz=274,SNR=28	19.76	78	P	P	08 22 32.4 -0.2	G40A	Rib Lake baz=262,SNR=7.5	22.41	63	P	P	08 22 58.9 -2.4
CBKS	Cedar Bluff baz=273,SNR=7.1	15.01	82	P	Pn	08 21 31.8 -2.9	237A	Wasatch, Mont baz=295,SNR=13	19.90	102	P	P	08 22 35.0 +0.8	R33M	Jennings River baz=159,SNR=13	22.43	344	P	P	08 23 02.3 +0.8
CBKS	Cedar Bluff baz=274,SNR=7.1	15.01	82	P	Pn	08 21 34.9 +0.2	N38A	Joes South For baz=271,SNR=12	19.93	75	P	Pn	08 22 37.3 +1.3	L42A	W. Pole baz=270,SNR=40	22.59	71	P	P	08 23 02.5 -0.7
BBB	Bella Bella comp=Z,17um,20.5s,baz=36	15.25	338	LR	LR	08 27 34.2	735A	Kenedy baz=304,SNR=7.4	19.93	112	P	Pn	08 22 36.2 0.0	S31K	Pelican baz=143	22.64	336	P	P	08 23 04.5 +1.0
EDM	Edmonton comp=Z,219nm,1.5s	15.36	13	P	Pn	08 21 39.7 +0.5	SCIA	State Center comp=Z,137nm,0.8s	19.94	72	Iamb	Iamb	08 22 40.7	WTLY	Watson Lake, Y baz=160,SNR=34	22.66	347	Iamb	Iamb	08 23 10.7
EDM	Edmonton comp=Z,219nm,1.5s	15.36	13	P	pmax	08 21 39.7 +0.5	SCIA	State Center baz=268	19.94	72	P	P	08 22 32.8 -1.8	WTLY	Watson Lake, Y baz=160,SNR=34	22.66	347	P	P	08 23 03.4 -0.4
TX31	Lajitas Ar. Si comp=Z,274nm,1.7s	15.52	121	P	Iamb	08 21 47.1	HHAR	Hobbs baz=284	19.96	88	P	P	08 22 34.4 -0.4	P43A	Skaggs, Pawnee baz=152	22.84	78	P	P	08 23 04.9 -0.9
TX31	Lajitas Ar. Si comp=Z,274nm,1.7s	15.52	121	P	P	08 21 44.4 -1.7	I37B	Waseca baz=262,SNR=13	19.98	65	P	P	08 22 35.2 +0.2	R31K	City Hall, Gu baz=144	22.85	337	P	P	08 23 04.7 -1.0
TX32	Lajitas Array comp=Z,1.0nm,0.3s,baz=316,slow=8.7,SNR=58	15.52	121	Pn	Pn	08 21 44.6 -1.5	FFC	Flin Flon FFC	20.01	30	P	P	08 22 33.6 -1.6	HDIL	Hopedale comp=Z,107nm,0.9s	22.93	75	Iamb	Iamb	08 23 13.2
TXAR	Lajitas Array comp=Z,1.0nm,0.3s,baz=316,slow=8.7,SNR=58	15.52	121	Pn	Pn	08 21 44.1 -1.9	FFC	Flin Flon pmax	20.01	30	P	pmax	08 22 33.6 -1.6	HDIL	comp=Z,18um,18.0s	22.93	75	IAMS_20	IAMS_20	08 32 32.2
TXAR	comp=Z,10um,18.4s,baz=300,slow=36					08 2														

28d 8h

P29M	Windy Craggy	24.44	337	P	P	08 23 21.2	-0.2
WHY	Whitehorse	24.48	341	P	P	08 23 20.9	-0.9
USIN	University of	24.52	81	Iamb	Iamb	08 23 26.4	
P30M	Million Dollar	24.60	338	P	P	08 23 22.0	-0.8
SFIN	Lafayette	24.62	75	Iamb	Iamb	08 23 36.1	
SFIN	Lafayette	24.62	75	P	P	08 23 21.1	-2.0
SFIN	Lafayette	24.62	75	P	P	08 23 21.2	-2.0
P46A	Rosedale	24.62	77	Iamb	Iamb	08 23 26.2	
P46A	Rosedale	24.62	77	P	P	08 23 19.6	-3.5
E43A	Lone Tree Farm	24.78	61	P	P	08 23 22.8	-1.7
WVT	Waverly	24.79	85	P	P	08 23 23.4	-1.3
WVT	Waverly	24.79	85	Iamb	Iamb	08 23 31.9	
WVT	Waverly	24.79	85	P	P	08 23 22.8	-1.9
WVT	Waverly	24.79	85	P	P	08 23 23.2	-1.5
WVT	Waverly	24.79	85	P	P	08 23 23.4	-1.3
WVT	Waverly	24.79	85	pmax	pmax		
WVT	Waverly	24.79	85	pmax	pmax		
WVT	Waverly	24.79	85	MLR	MLR		
O30N	Mendenhall	24.89	340	P	P	08 23 24.5	-1.0
PLAL	Pickwick Lake	24.91	88	Iamb	Iamb	08 23 29.8	
PLAL	Pickwick Lake	24.91	88	IAMS_20	IAMS_20	08 34 47.7	
WRGLY	Wrigley	25.06	355	P	P	08 23 25.5	-1.3
T47A	Sharon Grove	25.15	83	Iamb	Iamb	08 23 33.9	
T47A	Sharon Grove	25.15	83	P	P	08 23 26.7	-1.3
BLO	Bloomington	25.20	78	Iamb	Iamb	08 23 57.7	
O29M	Mount Kennedy	25.23	337	P	P	08 23 27.7	-0.9
BCPM	Bancas Point	25.30	335	IAMS_20	IAMS_20	08 34 02.6	
HYT	Haines Junctio	25.33	339	P	P	08 23 28.6	-0.9
N31M	Braeburn, Yuko	25.42	341	P	P	08 23 27.7	-2.4
Z47A	Carrollton	25.48	92	Iamb	Iamb	08 23 34.9	
Z47A	Carrollton	25.48	92	P	P	08 23 30.2	-0.8
FARO	Faro, Yukon	25.50	344	Iamb	Iamb	08 23 38.1	
FARO	Faro, Yukon	25.50	344	P	P	08 23 30.1	-0.7
WCI	Wyandotte Cave	25.54	80	P	P	08 23 30.2	-1.2
WCI	Wyandotte Cave	25.54	80	Iamb	Iamb	08 23 53.0	
WCI	Wyandotte Cave	25.54	80	IAMS_20	IAMS_20	08 34 14.2	
WCI	Wyandotte Cave	25.54	80	P	P	08 23 29.2	-2.2
WCI	Wyandotte Cave	25.54	80	P	P	08 23 30.2	-1.2
WCI	Wyandotte Cave	25.54	80	pmax	pmax		
WCI	Wyandotte Cave	25.54	80	MLR	MLR		
PINM	Pinnacle	25.61	335	P	P	08 23 30.3	-1.7
N47A	Urbana	25.63	74	Iamb	Iamb	08 24 04.0	
N47A	Urbana	25.63	74	P	P	08 23 29.9	-2.3
N47A	Urbana	25.63	74	P	P	08 23 29.9	-2.3
YUK6	Outpost Mounta	25.68	338	P	P	08 23 29.8	-3.0
V48A	Smith Brothers	25.68	86	P	P	08 23 30.2	-2.6
M31M	Drury Creek, Y	25.70	343	IAMS_20	IAMS_20	08 34 11.3	
M31M	Drury Creek, Y	25.70	343	P	P	08 23 31.6	-1.1
X48A	Hartselle	25.88	89	P	P	08 23 31.7	-2.8
CLTN	Cedars of Leba	25.97	85	Iamb	Iamb	08 23 42.8	
P48A	Milroy	26.00	77	Iamb	Iamb	08 24 04.0	
P48A	Milroy	26.00	77	P	P	08 23 32.7	-3.0
P48A	Milroy	26.00	77	P	P	08 23 32.7	-3.0
YUK4	Talbot Arm	26.08	338	P	P	08 23 33.5	-2.9
O28M	Mount Upton	26.10	336	P	P	08 23 34.3	-2.4
O48B	Farmland	26.10	75	P	P	08 23 34.2	-2.4
O48B	Farmland	26.10	75	P	P	08 23 34.0	-2.6
J47A	Sunmer	26.15	68	Iamb	Iamb	08 23 40.6	
J47A	Sunmer	26.15	68	P	P	08 23 34.5	-2.4
J47A	Sunmer	26.15	68	P	P	08 23 34.5	-2.4
MESA	MESA	26.25	334	IAMS_20	IAMS_20	08 32 22.2	
MESA	MESA	26.25	334	P	P	08 23 36.3	-1.7
U49A	Red Boiling Sp	26.30	84	P	P	08 23 34.6	-3.8
GLMI	Graying	26.32	65	IAMS_20	IAMS_20	08 34 23.6	
GLMI	Graying	26.32	65	P	P	08 23 35.5	-2.9
YUK8	Steele Glacier	26.37	337	P	P	08 23 36.8	-2.2
LRAL	Lakeview Retre	26.38	92	IAMS_20	IAMS_20	08 34 37.7	
LRAL	Lakeview Retre	26.38	92	P	P	08 23 37.5	-1.6
LRAL	Lakeview Retre	26.38	92	P	P	08 23 37.7	-1.5
L48A	N Adams	26.49	71	Iamb	Iamb	08 24 08.8	
L48A	N Adams	26.49	71	P	P	08 23 38.4	-1.7
L48A	N Adams	26.49	71	P	P	08 23 38.4	-1.7
P49A	Miami Univ. Ec	26.54	77	Iamb	Iamb	08 23 56.2	
P49A	Miami Univ. Ec	26.54	77	P	P	08 23 38.0	-2.5
P49A	Miami Univ. Ec	26.54	77	P	P	08 23 36.9	-3.6
SNH	Sunshine Point	26.56	333	IAMS_20	IAMS_20	08 34 23.4	
M30M	Minto, Yukon	26.60	341	IAMS_20	IAMS_20	08 33 44.7	
M30M	Minto, Yukon	26.60	341	P	P	08 23 39.4	-1.5
ISLE	Juniper Island	26.69	334	IAMS_20	IAMS_20	08 32 46.8	
O49A	Covington	26.74	75	Iamb	Iamb	08 23 45.7	
O49A	Covington	26.74	75	P	P	08 23 40.3	-2.0
O49A	Covington	26.74	75	P	P	08 23 40.3	-2.0
WAX	Waxell Ridge	26.76	333	IAMS_20	IAMS_20	08 32 46.6	
N49A	Columbus Grove	26.77	73	Iamb	Iamb	08 24 04.0	
SUCK	Suckling Hills	26.83	332	IAMS_20	IAMS_20	08 32 58.5	
M29M	Somme Creek	26.92	340	P	P	08 23 42.3	-1.6
YUK3	Moose Creek	26.96	337	P	P	08 23 42.6	-1.7

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KAIM	Kayak Island	26.97	331	P	P	08 23 41.6	-2.5
W50A	Signal Mountai	27.01	86	Iamb	Iamb	08 23 50.9	
W50A	Signal Mountai	27.01	86	P	P	08 23 42.1	-2.8
AAM	Ann Arbor	27.05	70	IAMS_20	IAMS_20	08 34 59.0	
AAM	Ann Arbor	27.05	70	P	P	08 23 43.6	-1.5
R50A	Paris	27.05	79	P	P	08 23 44.3	-0.8
R50A	Paris	27.05	79	P	P	08 23 44.3	-0.8
BRAL	Brewton	27.05	96	P	P	08 23 44.4	-0.7
MAYO	Mayo, Yukon	27.26	343	P	P	08 23 46.6	-0.1
TLIG	Tipa	27.31	134	P	P	08 23 47.8	0.0
L29M	L29M	27.38	341	P	P	08 23 47.1	-0.8
Q23K	Middleton Isla	27.40	329	P	P	08 23 47.2	-0.8
VRDI	Verde Repeater	27.52	334	IAMS_20	IAMS_20	08 33 03.2	
BVCY	Beaver Creek	27.57	338	P	P	08 23 49.1	-0.5
Q51A	Pedeees	27.67	77	P	P	08 23 48.0	-2.7
Q51A	Pedeees	27.67	77	P	P	08 23 48.0	-2.7
Z51A	Franklin	27.72	90	Iamb	Iamb	08 23 54.9	
Z51A	Franklin	27.72	90	P	P	08 23 50.3	-0.8
ACSO	Alum Creek Sta	27.76	75	Iamb	Iamb	08 23 55.3	
ACSO	Alum Creek Sta	27.76	75	P	P	08 23 49.6	-1.9
ACSO	Alum Creek Sta	27.76	75	P	P	08 23 48.7	-2.8
K50A	Casco	27.78	69	P	P	08 23 49.6	-2.0
K50A	Casco	27.78	69	P	P	08 23 49.6	-2.0
P51A	Williamsport	27.81	76	Iamb	Iamb	08 24 03.9	
M27K	Edge Creek, AK	27.84	337	IAMS_20	IAMS_20	08 33 59.0	
M27K	Edge Creek, AK	27.84	337	P	P	08 23 50.8	-1.3
K29M	Barlow Dome	27.84	342	P	P	08 23 50.4	-1.8
EYAK	Cordova Ski Ar	27.88	332	P	P	08 23 50.9	-1.4
TZTN	Tazewell	28.03	83	P	P	08 23 53.9	-0.1
TZTN	Tazewell	28.03	83	P	P	08 23 52.4	-1.6
TKL	Tukaleeches C	28.09	85	P	P	08 23 52.9	-1.6
N51A	Ashland	28.13	73	Iamb	Iamb	08 24 36.2	
N51A	Ashland	28.13	73	P	P	08 23 52.2	-2.6
N51A	Ashland	28.13	73	P	P	08 23 52.2	-2.6
W52A	Murphy	28.13	86	Iamb	Iamb	08 24 01.3	
N25K	Chitina, Valde	28.18	334	IAMS_20	IAMS_20	08 33 22.6	
N25K	Chitina, Valde	28.18	334	P	P	08 23 56.1	+1.0
V52A	Sevilette	28.18	84	Iamb	Iamb	08 24 43.7	
M26K	Nabesna, AK	28.22	336	P	P	08 23 55.8	+0.4
152A	Waverly Hall	28.30	91	P	P	08 23 53.7	-2.7
L27K	Beaver Creek,	28.36	338	P	P	08 23 57.4	+0.8
Y52A	Lilburn	28.41	88	Iamb	Iamb	08 24 01.5	
Y52A	Lilburn	28.41	88	P	P	08 23 56.6	-0.8
Y52A	Lilburn	28.41	88	P	P	08 23 56.6	-0.8
DAWY	Dawson	28.49	341	Iamb	Iamb	08 24 07.4	
DAWY	Dawson	28.49	341	P	P	08 23 58.6	+0.8
P52A	Cornin	28.49	76	Iamb	Iamb	08 24 33.6	
P52A	Cornin	28.49	76	IAMS_20	IAMS_20	08 35 44.6	
P52A	Cornin	28.49	76	P	P	08 23 57.7	-0.3
Q52A	Bidwell	28.50	77	Iamb	Iamb	08 24 09.8	
Q52A	Bidwell	28.50	77	P	P	08 23 57.8	-0.4
Q52A	Bidwell	28.50	77	P	P	08 23 57.8	-0.4
J29M	Klondike Camp	28.52	343	IAMS_20	IAMS_20	08 34 46.7	
J29M	Klondike Camp	28.52	343	P	P	08 23 58.2	+0.1
KLU	Klutina	28.57	333	P	P	08 23 59.2	+0.7
352A	Blaikely	28.59	94	P	P	08 23 57.6	-1.3
L26K	Log Cabin Wild	28.79	337	IAMS_20	IAMS_20	08 34 26.7	
L26K	Log Cabin Wild	28.79	337	P	P	08 24 00.2	-0.2
HARP	HAARP	28.92	335	P	P	08 24 01.7	+0.1
PWL	Port Wells	29.06	330	IAMS_20	IAMS_20	08 36 57.1	
PWL	Port Wells	29.06	330	P	P	08 24 01.0	-1.9
SEW	Seward	29.07	328	P	P	08 24 02.0	-0.8
M24K	Toisona, Glenn	29.07	334	P	P	08 24 03.0	+0.1
P53A	Whipple	29.08	76	Iamb	Iamb	08 24 06.9	
O53A	New Philadelph	29.09	74	P	P	08 23	

2011		COLA	COLA	COLLEGE	31.50	337	i	P	08 24 26.2	+1.8
		comp=Z,49nm,1.6s								
		CIGQ, UAF Yank	31.51	337	IAMS_20	IAMS_20			08 35 35.6	
		comp=Z,29.0s								
		TCOL CIGQ, UAF Yank	31.51	337	P	P			08 24 24.8	+0.4
		baz=133,SNR=5.5								
		SSPA Standing Stone	31.54	73	P	P			08 24 23.9	-1.1
		baz=280								
		M20K Styx River	31.55	329	P	P			08 24 24.8	-0.1
		baz=122								
		POKR Poker Plat Res	31.55	337	IAMS_20	IAMS_20			08 37 51.6	
		comp=Z,7.0m,18.0s								
		POKR Poker Plat Res	31.55	337	P	P			08 24 25.5	+0.7
		baz=134,SNR=13								
		N19K Bonanza Creek	31.56	327	P	P			08 24 24.9	-0.1
		baz=119								
		Q16K King Salmon	31.60	322	P	P			08 24 25.9	+0.7
		baz=114								
		P57A Homestead Farm	31.65	75	IAMB	IAMB			08 24 37.6	
		comp=Z,35nm,1.2s								
		VDM Murphy Dome	31.68	337	IAMS_20	IAMS_20			08 37 54.3	
		comp=Z,2.0m,19.0s								
		558A Windy Hill, Pi	31.69	82	P	P			08 24 24.1	-2.2
		baz=287								
		V58A							08 24 24.1	-2.2
		baz=287								
		NEA2 Nenana	31.70	336	IAMS_20	IAMS_20			08 37 51.1	
		comp=Z,7.0m,18.0s								
		NEA2 Nenana	31.70	336	P	P			08 24 25.9	-0.3
		baz=131,SNR=21								
		P17K Kivchak River	31.71	323	P	P			08 24 26.9	+0.7
		baz=114								
		NHSC New Hope	31.72	88	IAMS_20	IAMS_20			08 37 39.8	
		comp=Z,1.1m,18.0s								
		NHSC New Hope	31.72	88	P	P			08 24 26.3	-0.3
		baz=291								
		PPLA Purkeypyle	31.74	331	P	P			08 24 26.5	-0.1
		baz=125								
		FYU Fort Yukon	31.98	340	IAMS_20	IAMS_20			08 37 22.0	
		comp=Z,2.0m,19.0s								
		M57A Sunshine Farm,	32.00	71	IAMB	IAMB			08 24 29.8	
		comp=Z,1.9nm,0.8s								
		CAST Castle Rocks	32.01	332	P	P			08 24 28.2	-0.7
		baz=126,SNR=15								
		BPWA Bear Paw Mtn	32.03	334	IAMB	IAMB			08 24 36.2	
		comp=Z,3.0nm,0.9s								
		BPWA Bear Paw Mtn,	32.03	334	P	P			08 24 30.0	+1.0
		baz=128,SNR=16								
		M19K Big River Lodg	32.06	329	P	P			08 24 28.4	-1.0
		baz=121								
		L20K Farewell, AK	32.16	330	P	P			08 24 29.5	-0.8
		baz=122,SNR=28								
		I23K Minto, Yukon-K	32.16	336	P	P			08 24 28.8	-1.3
		baz=132,SNR=7.5								
		H24K Noodor Dome	32.18	338	IAMS_20	IAMS_20			08 36 30.7	
		comp=Z,6.0m,18.0s								
		H24K Noodor Dome	32.18	338	P	P			08 24 29.7	-0.7
		baz=134,SNR=22								
		O17K Koliganek Bris	32.25	324	P	P			08 24 28.4	-2.5
		baz=114								
		G25K Bearman Lake	32.36	340	P	P			08 24 32.9	+1.1
		baz=138								
		CHUM Lake Minchumin	32.37	333	P	P			08 24 32.0	0.0
		baz=126,SNR=18								
		P16K Nushagak River	32.38	323	P	P			08 24 30.2	-1.9
		baz=112								
		L19K White Mountain	32.40	329	P	P			08 24 32.2	-0.1
		baz=120								
		E27K Coleen River	32.40	344	P	P			08 24 33.6	+1.3
		baz=146								
		CBN Corbin Frederi	32.41	77	P	P			08 24 32.2	-0.4
		baz=284								
		MLY Manley	32.53	335	IAMB	IAMB			08 24 39.9	
		comp=Z,3.1nm,0.8s								
		MLY Manley			IAMS_20	IAMS_20			08 38 17.7	
		comp=Z,7.0m,18.0s								
		MLY Manley	32.53	335	P	P			08 24 34.1	+0.6
		baz=130,SNR=37								
		U59A Littleton	32.56	81	P	P			08 24 31.0	-3.0
		baz=286								
		U59A							08 24 31.0	-3.0
		baz=286								
		F26K Sheenjek River	32.58	342	P	P			08 24 33.2	-0.7
		baz=142,SNR=85								
		O16K Kokwok River B	32.64	323	P	P			08 24 34.4	0.0
		baz=113								
		H23K Yukon River	32.67	337	IAMS_20	IAMS_20			08 38 50.9	
		comp=Z,8.0m,21.0s								
		H23K Yukon River	32.67	337	P	P			08 24 36.0	+1.3
		baz=134,SNR=22								
		G24K Hadweenciz Riv	32.68	339	P	P			08 24 35.7	+1.0
		baz=136								
		K20K Telida	32.71	331	P	P			08 24 35.0	0.0
		baz=123,SNR=49								
		B1NY Binghamton	32.72	69	IAMB	IAMB			08 24 39.0	
		comp=Z,4.0nm,1.1s								
		B1NY Binghamton	32.72	69	P	P			08 24 32.8	-2.6
		baz=278								
		B1NY Binghamton	32.72	69	P	P			08 24 32.5	-2.8
		baz=278								
		DWPF Disney Wildern	32.78	97	P	P			08 24 35.5	-0.5
		baz=298								
		CNNC Cliffs of the	32.81	83	P	P			08 24 35.4	-0.7
		baz=288								
		F25K Christian River	32.86	341	P	P			08 24 36.0	-0.4
		baz=139								
		I21K Tanana	33.03	335	IAMS_20	IAMS_20			08 38 42.3	
		comp=Z,7.0m,18.0s								
		I21K Tanana	33.03	335	P	P			08 24 38.1	+0.3
		baz=128								
		J58A Remsen	33.09	67	IAMB	IAMB			08 24 46.0	
		comp=Z,3.8nm,1.0s								
		J20K Nowinta River	33.19	333	P	P			08 24 39.8	+0.6
		baz=124								
		TTA Tatalina	33.24	330	P	P			08 24 39.3	-0.4
		IAMB								
		TTA Tatalina	33.24	330	P	P			08 24 40.2	+0.5
		comp=Z,2.3nm,0.9s								
		TTA Tatalina	33.24	330	P	P			08 24 39.3	-0.4
		baz=120,SNR=7.7								
		TTA Tatalina							08 24 39.3	-0.4
		comp=Z,2.3nm,0.9s								
		E25K Arctic Village	33.25	342	P	P			08 24 41.9	+2.2
		baz=140,SNR=46								
		H22K Ishlitalina Cre	33.29	336	P	P			08 24 39.4	-0.7
		baz=130								
		N16K Nishliik Lake	33.30	325	P	P			08 24 40.4	+0.2
		baz=113								
		TRQ Mont Tremblant	33.38	62	IAMB	IAMB			08 24 54.0	
		comp=Z,2.6nm,0.9s								
		WUPA West Chester U	33.38	73	IAMB	IAMB			08 24 42.6	
		comp=Z,1.9nm,0.8s								
		F24K Squaw Lake	33.39	340	P	P			08 24 41.8	+0.9
		baz=136,SNR=8.8								
		L59A Walton	33.42	69	IAMB	IAMB			08 24 42.8	
		comp=Z,3.0nm,0.6s								
		G23K Bananza Creek	33.42	338	P	P			08 24 42.4	+1.2
		baz=132								
		LONY Lake Ozonia	33.47	65	IAMS_20	IAMS_20			08 38 06.0	
		comp=Z,5.0m,20.0s								
		LONY Lake Ozonia	33.47	65	P	P			08 24 41.0	-0.9
		baz=275								
		H21K Melozitna Rive	33.60	335	P	P			08 24 44.0	+1.3
		baz=123								
		COLD Coldfoot	33.82	339	P	P			08 24 46.6	+2.0
		baz=133,SNR=8.0								
		A36M Sachs Harbour	33.86	356	IAMB	IAMB			08 24 52.7	
		comp=Z,2.6nm,0.9s								

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U38A	Gravette	19.53	88	I	Amb	I	Amb	08 26 49.6
U38A	Gravette	19.53	88	P	Pn			08 26 42.7 -0.7
CRAG	Craig	06 26 33.5	P					08 26 40.7 -2.1
P38A	Dawn	19.71	78	I	Amb	I	Amb	08 26 54.2
P38A	Dawn	19.71	78	P	P			08 26 42.9 -1.2
N38A	Joos South For	19.88	75	I	Amb	I	Amb	08 26 56.2
N38A	Joos South For	19.88	75	P	P			08 26 46.0 +0.1
SCIA	State Center	19.90	72	I	Amb	I	Amb	08 26 53.1
SCIA	State Center	19.90	72	P	P			08 26 46.4 +0.3
SCIA	State Center	19.90	72	P	P			08 26 44.2 -1.9
HHAR	Hobbs	19.91	88	P	Pn			08 26 47.2 -0.8
I37A	Lemond, Waseca	19.94	65	I	Amb	I	Amb	08 26 53.1
I37B	Waseca	19.94	65	P	P			08 26 44.9 -1.6
T35M	Bob Quinn	20.09	342	P	P			08 26 45.3 -2.8
U33K	Whale Pass	20.15	336	P	P			08 26 46.9 -1.8
WRAK	Wrangell Island	20.17	338	P	P			08 26 47.3 -1.6
F36A	Milaca	20.18	60	P	P			08 26 45.5 -3.6
ULM	Lac du Bonnet	20.20	47	P	P			08 26 47.2 -2.0
ULM	Lac du Bonnet	20.20	47	I	Amb	I	Amb	08 26 54.7
HILA	High Level	20.24	3	P	P			08 26 46.4 -3.2
K38A	Parkersburg	20.26	70	P	P			08 26 48.7 -1.3
SPMN	Marine on St.	20.55	62	P	P			08 26 51.2 -1.8
SPMN	Marine on St.	20.55	62	I	Amb	I	Amb	08 27 05.5
SPMN	Marine on St.	20.55	62	P	P			08 26 52.2 -0.9
SPMN	Marine on St.	20.55	62	P	P			08 26 51.4 -1.7
MIAR	Mount Ida	20.67	93	P	P			08 26 50.5 -4.1
T33K	Petersburg	20.68	338	P	Pn			08 26 57.0 +0.2
B35A	Bob, Littlefor	20.74	53	I	Amb	I	Amb	08 27 04.3
B35A	Bob, Littlefor	20.74	53	P	P			08 26 53.2 -1.9
HKT	Hockley	20.79	107	i	P	Pn	Pn	08 26 58.1 0.0
HKT	Hockley	20.79	107					08 26 58.1 0.0
HKT	Hockley	20.79	107					08 26 58.1 0.0
HKT	Hockley	20.79	107					08 26 58.1 0.0
NATX	Nacooches	20.85	101	P	P			08 26 54.4 -2.1
ZAIG	Zacatecas	20.89	133	I	Amb	I	Amb	08 27 08.5
MGMO	Mountain Grove	21.04	85	P	P			08 26 54.7 -3.9
S34M	Telegraph Cree	21.14	342	P	P			08 26 55.9 -3.5
DLBC	Dease Lake	21.35	344	pP	pP			08 27 05.3 +0.8
DLBC	Dease Lake	21.35	344	P	P			08 26 58.0 -3.7
L40A	Anomosa	21.39	71	P	P			08 27 01.1 -1.1
WHAR	Woolly Hollow	21.47	90	I	Amb	I	Amb	08 27 08.3
SIT	Sitka	21.63	335	P	P			08 27 00.3 -4.3
E38A	The Farm, Brul	21.67	59	I	Amb	I	Amb	08 27 04.7
E38A	The Farm, Brul	21.67	59	P	P			08 27 03.7 -1.5
CCM	Cathedral Cave	21.68	82	P	P			08 27 02.1 -3.2
CCM	Cathedral Cave	21.68	82	P	P			08 27 04.4 -1.0
CCM	Cathedral Cave	21.68	82	P	P			08 26 59.7 -5.6
CCM	Cathedral Cave	21.68	82	P	P			08 27 02.1 -3.2
N41A	Harden Midland	21.69	75	I	Amb	I	Amb	08 27 14.5
N41A	Harden Midland	21.69	75	P	P			08 27 04.1 -1.4
S32K	Killisnoo	21.72	337	P	P			08 27 02.1 -3.5
I40A	Norwalk	21.92	66	I	Amb	I	Amb	08 27 17.4
I40A	Norwalk	21.92	66	P	P			08 27 06.5 -1.4
KOTAN	Kotaneleele Air	22.03	353	P	P			08 27 05.4 -3.6
EYMN	Ely	22.04	55	P	P			08 27 05.8 -3.3
EYMN	Ely	22.04	55	P	P			08 27 04.0 -5.2
EYMN	Ely	22.04	55	P	P			08 27 04.3 -4.9
JFWS	Jewell Farm	22.13	69	P	P			08 27 08.1 -2.1
JFWS	Jewell Farm	22.13	69	I	Amb	I	Amb	08 27 15.5
JFWS	Jewell Farm	22.13	69	P	P			08 27 08.0 -2.1
JFWS	Jewell Farm	22.13	69	P	P			08 27 05.3 -4.9
JFWS	Jewell Farm	22.13	69	P	P			08 27 08.1 -2.1
LCAR	Lake Charles	22.15	87	P	P			08 27 08.8 -1.7
Q32M	Nakina River	22.35	342	P	P			08 27 09.4 -3.1
G40A	Rib Lake	22.37	63	P	P			08 27 11.3 -1.4
R32K	Rib Lake	22.37	338	P	P			08 27 11.3 -1.3
R32K	Rib Lake	22.37	338	P	P			08 27 11.3 -1.3
R33M	Jennings River	22.43	344	P	P			08 27 12.8 -0.5
L42A	Oliver	22.55	71	P	P			08 27 13.8 -0.8
S31K	Pelican	22.65	336	P	P			08 27 15.3 -0.2
WTLY	Watson Lake, Y	22.66	347	P	P			08 27 14.9 -0.8
P43A	Skaggs, Pawnee	22.80	78	P	P			08 27 14.7 -2.6
HDIL	Hopedale	22.89	75	P	P			08 27 15.5 -2.7
HDIL	Hopedale	22.89	75	P	P			08 27 15.5 -2.7
HDIL	Hopedale	22.89	75	P	P			08 27 16.0 -2.2
CGM3	Cape Girardeau	23.05	84	I	Amb	I	Amb	08 27 24.3
I42A	Draeger Farm,	23.15	67	P	P			08 27 32.3
I42A	Draeger Farm,	23.15	67	P	P			08 27 17.1 -3.8
P32M	Atlin	23.26	341	P	P			08 27 21.0 -1.0
Q44A	Meyer Farm, Va	23.27	79	P	P			08 27 19.7 -2.5
S44A	Carbondale	23.29	82	P	P			08 27 21.0 -1.4
K43A	Burlington	23.54	70	P	P			08 27 23.3 -1.6
O44A	Mansfield	23.55	76	I	Amb	I	Amb	08 27 28.9
O44A	Mansfield	23.55	76	P	P			08 27 23.3 -1.7
P31M	Teslin, Yukon	23.58	342	P	P			08 27 24.4 -0.9
D43A	Chassel	23.77	59	I	Amb	I	Amb	08 27 33.4
M44A	Midewin, Midew	23.78	73	P	P			08 27 24.8 -2.4

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L44A	Lake County Fo	23.85	71	P	P			08 27 24.9 -3.0
L44A	Lake County Fo	23.85	71	P	P			08 27 25.9 -1.9
F42A	Maple Grove Fa	23.87	62	I	Amb	I	Amb	08 27 46.2
F42A	Maple Grove Fa	23.87	62	P	P			08 27 25.4 -2.6
VBMS	Vicksburg	23.88	96	P	P			08 27 28.1 -0.1
PLBC	Pleasant Camp	23.89	338	P	P			08 27 27.7 -0.4
HQIL	Hanson Quarry C	23.91	72	I	Amb	I	Amb	08 27 41.1
OXF	Oxford	23.96	90	P	P			08 27 27.2 -1.8
OXF	Oxford	23.96	90	P	P			08 27 28.5 -0.4
H43A	Windswept, Lu	24.01	65	I	Amb	I	Amb	08 27 42.5
H43A	Windswept, Lu	24.01	65	P	P			08 27 27.3 -2.1
344A	Westbrook Farm	24.02	98	P	P			08 27 26.6 -3.0
Y45A	Yeager Farm, C	24.06	92	P	P			08 27 26.9 -3.0
YKA	Yellowknife Ar	24.30	5	P	P			08 27 30.3 -1.5
YKA	Yellowknife Ar	24.30	5	P	P			08 31 14.4
YKA	Yellowknife Ar	24.30	5	P	P			08 27 30.4 -1.4
P29M	Windy Craggy	24.45	337	P	P			08 27 32.6 -0.7
USIN	University of	24.48	81	P	P			08 27 29.7 -4.0
USIN	University of	24.48	81	I	Amb	I	Amb	08 27 38.0
WHY	Whitehorse	24.48	341	P	P			08 27 34.0 +0.3
SFIN	Lafayette	24.57	75	I	Amb	I	Amb	08 27 39.3
SFIN	Lafayette	24.57	75	P	P			08 27 34.8 +0.2
P46A	Rosedale	24.57	77	I	Amb	I	Amb	08 27 55.9
P46A	Rosedale	24.57	77	P	P			08 27 32.2 -2.4
P30M	Millard	24.61	338	P	P			08 27 31.4 -3.4
E43A	Lone Tree Farm	24.74	61	P	P			08 27 33.9 -2.1
WVT	Waverly	24.75	86	P	P			08 27 34.4 -1.8
WVT	Waverly	24.75	86	P	P			08 27 33.8 -2.4
WVT	Waverly	24.75	86	P	P			08 27 34.4 -1.8
WVT	Waverly	24.75	86					08 27 34.4 -1.8
O30N	Mendenhall	24.90	340	P	P			08 27 37.3 -0.1
L46A	Eue Claire	25.06	71	P	P			08 27 37.8 -1.2
L46A	Eue Claire	25.06	71	P	P			08 27 37.8 -1.2
T47A	Sharon Grove	25.11	83	I	Amb	I	Amb	08 28 11.3
T47A	Sharon Grove	25.11	83	P	P			08 27 38.2 -1.3
O29M	Mount Kennedy	25.24	337	P	P			08 27 39.4 -1.2
HYT	Haines Junctio	25.34	339	P	P			08 27 40.3 -1.2
N31M	Braeburn, Yuko	25.42	341	P	P			08 27 40.6 -1.5
Z47A	Carrollton	25.44	92	P	P			08 27 41.1 -1.3
WCI	Wyandotte Cave	25.49	80	P	P			08 27 40.9 -2.0
FARO	Faro, Yukon	25.50	344	P	P			08 27 38.8 -3.9
N47A	Urbana	25.59	74	I	Amb	I	Amb	08 27 47.0
N47A	Urbana	25.59	74	P	P			08 27 41.6 -2.1
N47A	Urbana	25.59	74	P	P			08 27 41.6 -2.1
PINM	Pinnacle	25.62	335	P	P			08 27 42.4 -1.6
YUK6	Outpost Mounta	25.68	338	P	P			08 27 42.1 -2.6
M31M	Drury Creek, Y	25.70	343	P	P			08 27 42.8 -1.9
X48A	Hartselle	25.83	89	P	P			08 27 44.6 -1.4
O48B	Farmland	26.06	75	P	P			08 27 45.9 -2.2
O48B	Farmland	26.06	75	P	P			08 27 45.6 -2.5
YUK4	Talbot Arm	26.09	338	P	P			08 27 47.8 -0.5
J47A	Summer	26.11	68	P	P			08 27 46.6 -1.9
J47A	Summer	26.11	68	P	P			08 27 46.6 -1.9
O28M	Mount Upton	26.11	336	P	P			08 27 46.0 -2.7
MESA	MESA	26.26	334	P	P			08 27 49.4 -0.5
GLMI	Graying	26.27	65	P	P			08 27 49.

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M55A	Ridgway	30.72	71	P	P	08 28 27.4	-2.3
M55A	baz=278						
WVNY	West Valley, N	30.72	70	Iamb	Iamb	08 28 39.6	
CUT	Chulifina	30.75	332	P	P	08 28 31.3	+1.7
H27K	Steamboat Moun	30.78	342	P	P	08 28 30.9	+0.9
N20K	Mount Spurr	30.82	329	P	P	08 28 31.4	+0.9
SPCR	Spurr Chakacha	30.82	329	P	P	08 28 30.6	+0.3
Q18K	Katmai Hardscr	30.82	323	P	P	08 28 31.4	+1.0
HDA	Harding Lake	30.91	337	P	P	08 28 31.5	+0.4
SKT	Skwentna	30.98	330	P	P	08 28 32.7	+1.0
INK	Inuvik	31.07	349	P	P	08 28 30.7	-1.6
INK	comp=Z,8.6nm,0.9s,baz=172,slow=9.1,SNR=16					08 28 35.4	+0.1
INK	comp=Z,58nm,1.2s,baz=145,slow=8.3,SNR=20					08 31 27.5	-0.1
INK	comp=Z,10nm,1.0s,baz=220,slow=0.7,SNR=4.7					08 28 31.9	-0.4
INK	Inuvik	31.07	349	P	P	08 28 31.9	-0.4
Q17K	Contact Creek	31.08	322	P	P	08 28 33.7	+1.0
R17K	Ugashik Creek	31.08	321	P	P	08 28 33.9	+1.3
MCK	McKinley	31.10	334	P	P	08 28 30.7	-2.1
MCK	McKinley	31.10	334	P	P	08 28 33.0	+0.2
MCK	McKinley	31.10	334	P	P	08 28 30.7	-2.1
ILAR	Eielson Array	31.14	337	P	P	08 28 32.9	-0.2
ILAR	comp=Z,49nm,1.0s,baz=152,slow=8.0,SNR=35					08 28 36.6	-0.6
ILAR	comp=Z,51nm,1.0s,baz=153,slow=6.7,SNR=58					08 31 27.1	-0.8
ILAR	comp=Z,8.5nm,0.9s,baz=172,slow=1.6,SNR=9.8					08 31 31.4	
ILAR	comp=Z,8.5nm,0.9s,baz=176,slow=2.2,SNR=8.3					08 28 32.2	-0.9
ILAR	Eielson Array	31.14	337	P	P	08 28 33.1	-0.1
C36M	Paulatuk	31.17	356	P	P	08 28 34.4	+0.8
O19K	Port Alsworth	31.20	326	P	P	08 28 33.9	-0.2
P18K	Big Mountain	31.24	324	P	P	08 28 48.0	
S57A	Dark Hollow, R	31.26	78	Iamb	Iamb	08 28 33.0	-1.4
S57A	Dark Hollow, R	31.26	78	P	P	08 28 33.0	-1.4
PRP	Porcupine Dome	31.28	339	P	P	08 28 33.9	-0.5
G27K	Doyon Strip	31.28	343	P	P	08 28 34.2	-0.2
TRF	Thorofore Moun	31.39	333	P	P	08 28 35.6	-0.2
O18K	Koktuh Hills	31.44	325	P	P	08 28 35.7	-0.8
SSPA	Standing Stone	31.50	73	P	P	08 28 38.3	+2.0
COLA	College	31.51	337	P	P	08 28 35.8	-0.6
COLA	comp=Z,54nm,1.1s					08 28 34.9	-1.9
TCOL	CICQ, UAF Yank	31.52	337	P	P	08 28 34.9	-1.9
L56A	Greenwood	31.53	70	P	P	08 28 34.9	-1.9
L56A	baz=277					08 28 34.9	-1.9
POKR	Poker Plat Res	31.55	337	P	P	08 28 36.9	+0.2
M20K	Styx River	31.56	329	P	P	08 28 36.8	-0.2
N19K	Bonanza Creek	31.57	327	P	P	08 28 36.3	-1.0
P57A	Homestead Farm	31.61	75	Iamb	Iamb	08 28 35.7	-2.1
Q16K	King Salmon	31.61	322	P	P	08 28 35.7	-2.1
V58A	Windy Hill, Pi	31.65	82	P	P	08 28 35.7	-2.1
V58A	baz=287					08 28 38.1	0.0
NHSC	New Hope	31.67	88	P	P	08 28 38.1	+0.2
CHGN	Chignik	31.68	317	P	P	08 28 38.3	+0.2
NEA2	Nenana	31.71	336	P	P	08 28 38.5	+0.3
P17K	Kvichak River	31.72	323	P	P	08 28 38.9	+0.2
PPLA	Purkeypile	31.75	331	P	P	08 28 50.6	
M57A	Sunshine Farm,	31.95	71	Iamb	Iamb	08 28 40.3	-0.5
CAST	Castle Rocks	32.02	332	P	P	08 28 40.3	-0.7
BPAW	Bear Paw Mtn.	32.04	334	P	P	08 28 51.4	
R58B	Mineral	32.04	78	Iamb	Iamb	08 28 40.6	-0.8
M19K	Big River Lodg	32.08	329	P	P	08 28 41.7	-0.4
I23K	Minto, Yukon-K	32.17	336	P	P	08 28 41.9	-0.4
L20K	Firewell, AK	32.17	330	P	P	08 28 42.5	+0.1
H24K	Noodor Dome	32.19	338	P	P	08 28 42.8	-0.2
O17K	Koliganek Bris	32.27	324	P	P	08 28 44.6	+0.9
G25K	Bearman Lake	32.36	340	P	P	08 28 43.7	-0.3
CHUM	Lake Minchumini	32.37	333	P	P	08 28 44.2	0.0
P16K	Nushagak River	32.39	322	P	P	08 28 43.0	-1.2
E27K	Coleen River	32.40	344	P	P	08 28 45.4	+0.1
L19K	White Mountain	32.41	329	P	P	08 28 45.4	+0.1
MLY	Manley	32.54	335	P	P	08 28 46.3	+0.6
F26K	Sheenjek River	32.58	342	P	P	08 28 44.8	-1.6
O16K	Koktuh River B	32.66	323	P	P	08 28 56.9	
BINY	Binghamton	32.68	69	Iamb	Iamb	08 28 45.4	-1.5
BINY	Binghamton	32.68	69	P	P	08 28 45.9	-0.7
H23K	Yukon River	32.68	337	P	P	08 28 46.7	-0.3
G24K	Hadweenciv Riv	32.69	339	P	P	08 28 46.4	-1.1
K20K	Telida	32.72	331	P	P	08 28 46.3	-1.3
DWPF	Disney Wildern	32.74	97	P	P	08 28 48.8	+0.6
CNNC	Cliffs of the	32.77	83	P	P	08 29 20.3	
F25K	Christian River	32.87	341	P	P	08 28 49.3	-0.5
KSPA	Keystone Colle	32.93	71	Iamb	Iamb	08 28 50.9	-0.3
I21K	Tanana	33.04	335	P	P	08 28 51.4	-0.3
J20K	Nowinta River	33.20	332	P	P	08 28 51.8	-0.3
TTA	Tatalina	33.25	330	P	P	08 28 51.9	+0.2
E25K	Arctic Village	33.25	342	P	P	08 28 51.9	-0.1
H22K	Ishitalna Cre	33.30	336	P	P	08 28 52.2	-0.1

N16K	Nishlik Lake	33.32	325	P	P	08 28 52.2	-0.1
TRQ	Mont Tremblant	33.34	62	Iamb	Iamb	08 29 03.3	
WUPA	West Chester U	33.34	73	Iamb	Iamb	08 29 02.0	
L59A	Walton	33.37	69	P	P	08 28 49.3	-3.7
L59A	baz=278					08 28 49.3	-3.7
F24K	Squaw Lake	33.39	340	P	P	08 28 53.2	+0.3
G23K	Bananza Creek	33.42	338	P	P	08 28 52.2	-1.0
H21K	Melozitna Rive	33.61	335	P	P	08 28 53.8	-1.0
COLD	Coldfoot	33.83	339	P	P	08 28 54.6	-1.9
A36M	Sachs Harbour	33.85	356	P	P	08 28 55.4	-1.3
E24K	Your Creek	33.95	341	P	P	08 28 57.2	-0.5
G22K	Bettles	34.00	338	P	P	08 28 57.2	-0.9
C27K	Jago River	34.02	345	P	P	08 28 58.0	-0.4
FALS	False Pass	34.09	314	P	P	08 28 57.7	-1.2
IMAR	Indian Mountai	34.12	335	P	P	08 28 58.8	-0.3
ACCN	Adirondack Com	34.21	67	Iamb	Iamb	08 29 10.1	
TRY	Troy	34.30	68	Iamb	Iamb	08 29 11.1	
G21K	Allakaket	34.36	336	P	P	08 29 01.3	+0.1
GCSA	Galena City SC	34.51	332	P	P	08 29 02.5	+0.1
C26K	Camden Bay	34.51	344	P	P	08 29 02.0	-0.4
LATQ	La Tugue	34.51	60	Iamb	Iamb	08 29 11.7	
SKSO	Kent School, K	34.59	70	Iamb	Iamb	08 29 13.2	
VT1	Waterbury	34.76	65	Iamb	Iamb	08 29 15.0	
F21K	Alatna River	34.79	337	P	P	08 29 03.6	-1.4
E22K	Anaktuvuk Pass	34.89	339	P	P	08 29 05.7	-0.2
D23K	Nanushuk River	35.16	341	P	P	08 29 08.0	-0.1
C24K	Franklin Bluff	35.20	342	P	P	08 29 08.0	-0.5
C23K	Iklikik River	35.75	342	P	P	08 29 13.1	-0.1
HRV	Adam Dziewonsk	35.87	68	IP	IP	08 29 13.4	-1.2
D62A	Allapoint, AI	37.07	60	P	P	08 29 22.4	-2.3
D62A	baz=275					08 29 22.4	-2.3
F64A	Sherman	37.68	62	Iamb	Iamb	08 29 32.9	
ANM	Nome	37.71	329	P	P	08 29 30.2	+0.3
RES	Resolute Bay	38.11	10	P	P	08 29 32.5	-0.6
RES	comp=Z,156nm,1.1s,baz=223,slow=11,SNR=68					08 29 36.7	-0.6
RES	comp=Z,156nm,1.1s,baz=223,slow=11,SNR=68					08 29 32.5	-0.6
RES	comp=Z,156nm,1.1s,baz=223,slow=11,SNR=68					08 29 32.5	-0.6
A21K	Barrow	38.24	341	P	P	08 29 35.1	+0.9
SCHO	Schefferville	38.37	47	P	P	08 29 34.5	-1.1
TNA	Tin City	39.07	330	P	P	08 29 40.7	-0.5
BATG	Bathurst New B	39.08	59	Iamb	Iamb	08 29 53.7	
JTS	JTS	41.26	124	IP	IP	08 30 01.3	+1.2
JTS	comp=Z,5.0nm,1.1s					08 30 01.3	+1.2
TULEG	Thule	44.01	15	IP	IP	08 30 25.6	+3.9
TULEG	comp=Z,41nm,1.0s					08 30 27.1	
UPNV	Upervik	45.78	22	eP	eP	08 30 39.5	+3.6
UPNV	comp=Z,54nm,1.1s					08 30 41.3	
KULLO	Kullorsuaq	45.93	19	IP	IP	08 30 40.5	+3.5
KULLO	comp=Z,78nm,1.2s					08 30 41.5	
NUUG	Nuugaatsiaq	46.44	24	eP	eP	08 30 43.5	+2.5
NUUG	comp=Z,22nm,1.0s					08 30 46.6	
BILL	Bilbino	49.46	331	IP	IP	08 31 05.9	+1.4
BILL	comp=Z,105nm,1.3s					08 32 06.7	
BILL	comp=Z,105nm,1.3s					08 33 01.8	
BILL	comp=Z,105nm,1.3s					08 38 13.1	+1.4
BILL	comp=Z,2.0m,13.0s					08 31 05.9	+1.4
TAOE	Nuku Hiva Isla	51.00	207	eLR	LR	08 45 50.2	
SUMG	Summit	51.03	22	IP	IP	08 31 18.2	+1.4
SUMG	comp=Z,409nm,2.3s					08 31 20.5	
RUSC	La Rusia	52.52	116	P	P	08 31 26.2	-2.5
RUSC	comp=Z,64nm,1.5s					08 31 34.1	
NOR	Nord	54.05	10	eP	eP	08 31 40.3	+1.8
NOR	comp=Z,38nm,1.4s					08 31 42.9	
BAUV	El Baul	54.12	109	P	P	08 31 37.9	-2.1
MCRA	Macar, Loja	55.73	131	P	P	08 31 50.2	-1.3
MCRA	comp=Z,25nm,1.0s					08 31 51.5	
SEY	Seymchan	56.12	327	pP	pP	08 31 56.9	

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BMN Battle Mountain, WCT Wildcat Mountain, BBGB Big Mountain B, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MCBM Casa Benchmark, MLAC Mammoth, MLCM Mammoth, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BENR Benton, MDYM Dry Creek, MDYM Dry Creek, etc.

REN 28 08:46:24.2.1.2.38.38N.0.01.118.89W.0.01, h11km, 3km, ML2.5/4, Error ellipse: s-maj=1.9km s-min=0.7km az=214.0

NEIC 28 08:46:24.4.1.0.38.37N.0.01.118.90W.0.01, h10km, 3km, Error ellipse: s-maj=1.9km s-min=0.6km az=213.0, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TVH1 TV Hill, Hawth, LHV Little Huntton, RYN Ryan, etc.

REN 28 08:46:38.7.2.4.38.39N.0.01.118.86W.0.02, h10km, 4km, ML2.6/3, ML2.6/30(NEIC), Error ellipse: s-maj=2.3km s-min=1.8km az=55.0

NEIC 28 08:46:38.2.1.8.38.44N.0.01.118.89W.0.02, h12km, 3km, Error ellipse: s-maj=2.8km s-min=0.9km az=48.0, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TVH1 TV Hill, Hawth, LHV Little Huntton, RYN Ryan, etc.

WEL 28 08:56:26.9.42.5.2.17.4E.1.7, h6km, 4km, M3.3/12, ML3.5/12, MLV3.3/2, Error ellipse: s-maj=0.0km s-min=0.0km az=82.9, confirmed

NOU 28 08:56:26.2.42.32S.174.12E, h10km, MLV3.8/10, Off E. Coast of S. Island, N.Z.

ISC 28 08:56:26.7.1.3.42.11S.0.03.173.91E.0.03, h13km, 12km, n67, r153173, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BSWZ Blackbirch Sta, BSWS Kahutara, KHZ Kahutara, etc.

REN 28 08:48:58.7.0.5.38.41N.118.94W, h8km, 4km, ML3.4/12, Error ellipse: s-maj=4.7km s-min=2.3km az=131.0

REN 28 08:48:58.8.1.4.38.39N.0.01.118.89W.0.03, h11km, 6km, ML3.5/18, ML3.3/56(NEIC), Error ellipse: s-maj=3.0km s-min=1.7km az=90.0

NEIC 28 08:48:59.0.1.2.38.39N.0.007.118.89W.0.02, h9km, 6km, Error ellipse: s-maj=2.3km s-min=1.0km az=88.0

NCEDC 28 08:48:59.0.38.39N.118.90W, h6km, n72, r0955/87, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TVH1 TV Hill, Hawth, LHV Little Huntton, RYN Ryan, etc.

REN 28 08:50:33.0.0.8.38.39N.0.01.118.90W.0.01, h10km, 3km, ML2.6/8, ML2.4/32(NEIC), Error ellipse: s-maj=1.9km s-min=1.6km az=139.0

NEIC 28 08:50:33.0.9.38.39N.0.005.118.90W.0.02, h10km, 3km, Error ellipse: s-maj=2.1km s-min=0.8km az=93.0, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TVH1 TV Hill, Hawth, LHV Little Huntton, RYN Ryan, etc.

NCEDC 28 08:57:20.6.38.35N.118.91W, h8km

ANF 28 08:57:20.2.1.1.38.35N.118.89W, h10km, 5km, ML3.8/13, Error ellipse: s-maj=7.3km s-min=4.1km az=141.0

NEIC 28 08:57:20.6.1.6.38.37N.0.007.118.91W.0.03, h7km, 8km, Error ellipse: s-maj=2.9km s-min=1.0km az=96.0

REN 28 08:57:20.1.1.6.38.36N.0.01.118.91W.0.05, h10km, 6km, ML3.8/22, ML3.6/66(NEIC), Error ellipse: s-maj=5.2km s-min=1.8km az=91.0

IDC 28 08:57:21.4.1.6.38.42N.118.85W, h6km, 11km, mb3.1/1, mbmp3.2/5, ML3.3/4, Error ellipse: s-maj=11.9km s-min=9.2km az=51.0

ISC 28 08:57:20.6.0.9.38.37N.0.02.118.91W.0.02, h8km, 8km, n96, r19101/107, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TVH1 TV Hill, Hawth, LHV Little Huntton, RYN Ryan, etc.

28d 9h

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like NVAR, NV11, YERR, YERR, YERR, etc.

2016 DEC

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WWOR, KMRM, YBHM, YBHM, etc.

2020

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like NTVZ, ARCC, ARCC, etc.

2021
DSP Deep Springs 1.24 144 Pn 09 09 21.7 0.0
MPK Maris Peak 1.28 316 Pn 09 09 22.3 -0.2
MPK comp=N,369nm,0.8s IAML 09 09 46.3

ANF 28 09:11:36.4±0.9,38°43'N; 118°96'W, h6km, 6km, ML3.0/10, Error ellipse: s-maj=7.3km s-min=3.9km az=155.0

REN 28 09:13:47.2±1.1,38°39'N; 118°90'W, 0.0, h10km, 5km, ML2.8/14, ML2.8/36(NEIC), Error ellipse: s-maj=5.4km s-min=1.4km az=80.0

NEIC 28 09:13:37.6±1.5,38°38'N; 118°92'W, 0.0, h1km, 7km, Error ellipse: s-maj=3.0km s-min=0.7km az=81.0

NCEDC 28 09:11:37.4±0.9,38°39'N; 118°90'W, 0.0, h13km, 8km, n41,±0.71/50, California-Nevada border region

Code Station Name Az AZ Phase ID Time Res ISC
TVH1 TV Hill, Hawth 0.12 55 Op ISC h r s ISC
TVH1 TV Hill, Hawth 0.12 55 Op ISC h r s ISC
LHV Little Huntont 0.34 114 IAML 09 11 43.6 -0.1

2016 DEC
R11A Troy Canyon, C 2.60 90 Pn 09 12 19.5 +0.2
R11A Isabella, Lake 2.60 90 Pb 09 12 23.8 -0.1
R11A Isabella, Lake 2.67 120 Pp 09 12 28.5 -0.2

REN 28 09:13:47.2±1.1,38°38'N; 118°90'W, 0.0, h9km, 3km, Mwrs5.5, mb5.3/243(NEIC), ML5.4/58(NEIC), Ms_20 5.3/216(NEIC), Mwrs5.6/162(NEIC), Mwrs5.6(NEIC), Error ellipse: s-maj=2.1km s-min=1.2km az=62.0

NCEDC 28 09:13:47.2±1.1,38°39'N; 118°88'W, 0.0, h13km, 3km, Error ellipse: s-maj=2.2km s-min=1.9km az=75.0

NEIC 28 09:13:47.2±1.1,38°39'N; 118°86'W, 0.0, h5km, 1km, Error ellipse: s-maj=3.2km s-min=2.8km az=258.0

ISC-EH 28 09:13:49.3±0.3,38°37'N; 118°87'W, 0.0, h15km, Error ellipse: s-maj=1.9km s-min=1.6km az=32.0

NEIC 28 09:13:52.0±1.1,38°40'N; 118°91'W, 0.0, h26km, Mw5.7/154, Moment Tensor Solution. s114,c188; s154,c324; Duration: 1s8 Moment tensor: Scale 10^17 Nm; Mn:-0.84±0.07; Mw:3.52±0.06; Ms:4.37±0.07; Mz:0.48±0.14; Mw-2.55±0.05; Mw0.01±0.13; Best double couple: Mw:4.73000±0.017 NP1:119.00000±0.86,00000±0.00000; NP2:28.00000±0.84,00000±0.00000; N:-0.7800±0.0200; Azm254.0000; P:-4.3340; Plg8.0000; Azm344.0000; nsta1 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 28 09:13:52.0±1.1,38°39'N; 118°87'W, 0.0, h14km, Moment Tensor Solution. Duration: 10s0 Moment tensor: Scale 10^17Nm; Mn:-0.41; Mw-2.50; Mw0.291; Mw0.24; Mw-1.65; Mw0.13; Fault plane solution: Ms:3.20000±0.107 NP1: 229.00000±0.85,00000±0.176,00000±0.00000; NP2: 209.00000±0.86,00000±0.176,00000±0.00000; Principal axes: T 3.767, Plg1.0000; Azm254.0000; N -0.3870; Azm4.0000; Azm353.0000; P -2.9896; Plg6.0000; Lm164.0000

ISC 28 09:13:48.1±0.8,38°39'N; 118°92'W, 0.0, h5km, 4km, n243,±1.81/1110, mb5.2/161, MS5.3/200, 13C-11D, California-Nevada border region

Code Station Name Az AZ Phase ID Time Res ISC
TVH1 TV Hill, Hawth 0.14 61 Op ISC h m s ISC
LHV Little Huntont 0.36 112 IAML 09 11 43.6 -0.1
LUL Lundy Lake 0.39 211 Pp 09 13 55.5 -0.2

EMB Emerald Bay 1.09 303 Sb 09 14 24.1 -0.2
KCC Kaiser Creek 1.11 197 Pp 09 14 08.0 -1.3
POCCA Poleta Canyon 1.14 153 Pp 09 14 08.6 -1.4

ANF 28 09:11:36.4±0.9,38°43'N; 118°96'W, h6km, 6km, ML3.0/10, Error ellipse: s-maj=7.3km s-min=3.9km az=155.0

REN 28 09:13:47.2±1.1,38°39'N; 118°90'W, 0.0, h10km, 5km, ML2.8/14, ML2.8/36(NEIC), Error ellipse: s-maj=5.4km s-min=1.4km az=80.0

NEIC 28 09:13:37.6±1.5,38°38'N; 118°92'W, 0.0, h1km, 7km, Error ellipse: s-maj=3.0km s-min=0.7km az=81.0

NCEDC 28 09:11:37.4±0.9,38°39'N; 118°90'W, 0.0, h13km, 8km, n41,±0.71/50, California-Nevada border region

Code Station Name Az AZ Phase ID Time Res ISC
TVH1 TV Hill, Hawth 0.14 61 Op ISC h m s ISC
LHV Little Huntont 0.36 112 IAML 09 11 43.6 -0.1
LUL Lundy Lake 0.39 211 Pp 09 13 55.5 -0.2

28d 9h

2016 DEC

2022

Table with columns for station call letters, frequency, power, and other technical details. The table is organized into two main columns, each containing multiple rows of station data.

2023

LOOK	Love County	18.08	97	I	Amb	P	09 18 01.1	+0.7
LOOK	comp=Z,262nm,1.3s						09 18 08.4	
N35A	Tabor	18.10	75	P	P	P	09 18 01.1	+0.6
N35A	Tabor	18.10	75	P	P	P	09 18 00.7	+0.1
D32A	Dogwood Acres,	18.26	54	P	P	Pn	09 18 00.0	-1.7
Z35A	Perchaven, Sn	18.26	99	P	I	Amb	09 18 03.0	+0.4
Z35A	comp=Z,328nm,1.4s						09 18 10.3	
Z35A	Perchaven, Sn	18.26	99	P	P	P	09 18 02.9	+0.4
Z35A	baz=292						09 21 39.8	+8.0
F33A	5 Mile Ranch,	18.33	59	P	P	P	09 18 03.0	-0.1
F33A	5 Mile Ranch,	18.33	59	P	Pn	P	09 18 01.4	-1.5
TUL1	Leonard	18.60	90	P	Pn	Pn	09 18 06.5	+0.1
TUL1	Leonard	18.60	90	P	P	P	09 18 06.1	-0.2
TUL1	Leonard	18.60	90	P	P	P	09 18 03.9	-2.2
WHTX	Lake Whitney,	18.65	104	P	Pn	Pn	09 18 07.7	+0.7
WHTX	Lake Whitney,	18.65	104	P	P	P	09 18 06.7	-0.3
WHTX	baz=296						09 21 37.0	+1.2
WHTX	Lake Whitney,	18.65	104	P	P	P	09 18 06.3	-0.4
V35K	Ketchikan	18.98	337	P	P	P	09 18 08.5	-1.7
435B	Jarrell	19.11	107	P	Pn	Pn	09 18 12.8	+0.2
435B	Jarrell	19.11	107	P	P	P	09 18 12.8	+0.2
435B	baz=299						09 21 54.9	+5.9
435B	Jarrell	19.11	107	P	P	P	09 18 09.7	-2.1
833A	Chaparral WMA,	19.12	116	P	P	P	09 18 13.8	+1.1
833A	baz=307,SNR=11						09 21 54.0	+4.9
833A	Chaparral WMA,	19.12	116	P	P	P	09 18 09.6	-2.3
X37A	Clayton	19.30	94	P	Pn	Pn	09 18 14.5	-0.4
X37A	Clayton	19.30	94	P	P	P	09 18 14.0	+0.2
X37A	baz=288,SNR=71						09 21 56.4	+3.7
AGMN	Agassiz Nation	19.41	52	P	P	P	09 18 13.4	-1.5
AGMN	Agassiz Nation	19.41	52	P	P	P	09 18 15.2	+0.2
AGMN	baz=248,SNR=82						09 21 52.3	-1.7
AGMN	Agassiz Nation	19.41	52	P	P	P	09 18 12.6	-2.3
U38A	Gravette	19.58	88	Pn	I	Amb	09 18 16.9	0.0
U38A	comp=Z,247nm,1.5s						09 18 18.1	+0.1
U38A	Gravette	19.58	88	P	P	P	09 18 16.8	-0.1
CRAG	Craig	19.58	335	P	Pn	Pn	09 18 18.1	+0.1
P38A	Dawn	19.76	78	P	I	Amb	09 18 18.9	+0.1
P38A	comp=Z,408nm,1.9s						09 18 29.8	
P38A	Dawn	19.76	78	P	P	P	09 18 18.1	-0.7
237A	Washetta, Mont	19.91	102	P	P	P	09 18 20.7	+0.2
237A	baz=295,SNR=14						09 22 06.5	+0.2
N38A	Joess South For	19.92	75	P	P	P	09 18 21.2	+0.6
N38A	Joess South For	19.92	75	P	P	P	09 18 21.1	+0.4
N38A	baz=271						09 22 10.1	+3.7
SCIA	State Center	19.94	72	P	Pn	I	09 18 22.1	-0.3
SCIA	comp=Z,116nm,0.8s						09 18 34.3	
SCIA	State Center	19.94	72	P	P	P	09 18 19.6	-1.2
H35A	Kenedy	19.95	112	S	Sn	Sn	09 22 14.8	+7.5
HHAR	Hobbs	19.96	88	P	P	P	09 18 21.2	+0.1
HHAR	comp=Z,119nm,1.2s						09 18 31.8	
HHAR	Hobbs	19.96	88	P	P	P	09 18 20.6	-0.5
HHAR	baz=284						09 22 13.1	+5.6
I37A	Lemond, Waseca	19.97	66	P	I	Amb	09 18 19.4	-1.7
I37A	comp=Z,238nm,1.2s						09 18 31.1	
I37B	Waseca	19.97	66	P	P	P	09 18 21.5	+0.4
FFC	Flin Flon	19.98	30	P	P	P	09 18 19.2	-1.8
FFC	Flin Flon	19.98	30	P	P	P	09 18 19.3	-1.8
Z38A	Mt. Pleasant	20.05	97	P	Pn	I	09 18 23.4	-0.4
Z38A	comp=Z,363nm,1.9s						09 18 32.8	
Z38A	Mt. Pleasant	20.05	97	S	Sn	Sn	09 22 13.5	+3.8
T35M	Bob Quinn	20.05	342	P	Pn	Pn	09 18 24.0	+0.3
U33K	Whale Pass	20.11	336	P	P	P	09 18 19.8	-2.7
WRAK	Wrangell Islan	20.13	338	P	P	P	09 18 22.7	0.0
S39A	Bolivar	20.16	84	P	Pn	Pn	09 18 24.6	-0.4
S39A	Bolivar	20.16	84	S	S	S	09 22 08.3	-1.6
F36A	Milaca	20.21	60	P	P	P	09 18 22.8	-0.9
F36A	Milaca	20.21	60	P	P	P	09 18 22.8	-0.9
F36A	baz=297,SNR=21						09 22 07.8	-3.0
ULM	Lac du Bonnet	20.22	47	P	P	P	09 18 22.8	-0.9
ULM	comp=Z,58nm,0.9s, baz=240,slow=9.8,SNR=56						09 24 24.8	
ULM	comp=Z,0.1nm,0.3s, baz=136,slow=15,SNR=2.9						09 26 28.2	
ULM	Lac du Bonnet	20.22	47	P	P	P	09 18 22.2	-1.5
ULM	comp=Z,128nm,1.1s						09 18 22.8	
HILA	High Level	20.22	3	P	P	P	09 18 23.6	-0.1
K38A	Parkersburg	20.30	70	P	P	P	09 18 24.9	+0.2
K38A	Parkersburg	20.30	70	P	P	P	09 18 24.4	+0.3
K38A	baz=267,SNR=10						09 22 15.0	-0.5
SPMN	Marine on St.	20.58	62	P	I	Amb	09 18 27.4	-0.3
SPMN	comp=Z,67nm,0.6s						09 18 34.3	
SPMN	Marine on St.	20.58	62	P	P	P	09 18 27.4	-0.3
SPMN	baz=260,SNR=29						09 22 19.9	-2.3
SPMN	Marine on St.	20.58	62	P	P	P	09 18 26.2	-1.5
T33K	Petersburg	20.65	338	P	P	P	09 18 28.6	+0.4
KVXT	Kingsville	20.65	115	I	A	M	09 26 25.5	
MIAR	Mount Ida	20.72	93	P	P	P	09 18 29.3	0.0
MIAR	Mount Ida	20.72	93	P	P	P	09 18 29.1	-0.2
MIAR	baz=288,SNR=22						09 22 24.3	-1.4
MIAR	Mount Ida	20.72	93	P	P	P	09 18 27.8	-1.6
MIAR	Mount Ida	20.72	93	P	P	P	09 18 29.3	0.0
MIAR	comp=Z,88nm,1.0s						09 18 28.7	
B35A	Bob, Littlefor	20.77	53	P	P	P	09 18 28.7	-1.0
B35A	comp=Z,199nm,1.9s						09 18 34.4	
B35A	Bob, Littlefor	20.77	53	P	P	P	09 18 28.6	-1.0
HKT	Hockley	20.84	107	P	P	P	09 18 31.3	+0.8
HKT	comp=Z,305nm,1.6s						09 18 41.7	

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HKT	Hockley	20.84	107	I	A	M	09 18 32.3	-0.7
HKT	comp=Z,14um,21.0s						09 18 32.3	-0.7
HKT	Hockley	20.84	107	P	P	P	09 18 31.0	-0.1
R40A	Maddies Statio	20.89	82	P	P	P	09 18 30.7	-0.4
R40A	Maddies Statio	20.89	82	P	P	P	09 22 28.3	-1.5
R40A	baz=279						09 22 27.1	-3.0
NATX	Nacogdoches	20.90	101	S	Sn	Sn	09 18 30.8	-0.5
NATX	baz=295						09 18 29.1	-2.2
P40A	Paris	20.91	78	P	P	P	09 18 30.9	-0.4
P40A	Paris	20.91	78	P	P	P	09 22 28.8	-1.3
P40A	baz=275,SNR=26						09 18 33.2	-0.1
MGMO	Mountain Grove	21.09	85	P	P	P	09 18 35.7	+2.4
S34M	Telegraph Cree	21.10	342	P	P	P	09 18 37.5	+1.8
S34M	baz=162,SNR=8.0						09 27 44.4	
DLBC	Dease Lake	21.32	344	P	P	P	09 18 37.5	+1.8
DLBC	comp=Z,18nm,1.0s, baz=163,slow=12,SNR=10						09 18 45.6	
DLBC	Dease Lake	21.32	344	P	P	P	09 18 33.5	-2.1
DLBC	comp=Z,199nm,1.7s						09 18 37.4	+1.6
X40A	Basin Creek Fa	21.32	92	P	P	P	09 18 36.3	+0.1
WLAR	White Oak Lake	21.36	95	P	P	P	09 18 36.3	+0.6
L40A	Anamosa	21.43	71	P	I	Amb	09 18 36.1	-0.8
L40A	comp=Z,146nm,0.9s						09 22 34.8	-0.2
L40A	Anamosa	21.43	71	P	P	P	09 18 37.4	-0.1
L40A	baz=269,SNR=26						09 18 48.9	
FCAR	Ozark Folk Cen	21.48	88	P	I	Amb	09 18 38.0	+0.1
FCAR	comp=Z,261nm,1.4s						09 18 43.9	
WHAR	Woolly Hollow	21.52	90	P	I	Amb	09 18 37.4	-1.0
WHAR	comp=Z,217nm,1.3s						09 18 38.8	-0.7
SIT	Sitka	21.59	335	P	P	P	09 18 37.4	-1.0
S32K	Killsnoo	21.68	337	P	P	P	09 18 38.8	-0.7
E38A	The Farm, Brul	21.71	59	P	I	Amb	09 18 38.8	-1.0
E38A	baz=145						09 18 42.0	
E38A	The Farm, Brul	21.71	59	P	P	P	09 18 38.3	-1.5
CCM	Cathedral Cave	21.72	82	P	P	P	09 18 39.8	-0.3
CCM	Cathedral Cave	21.72	82	P	P	P	09 22 38.7	-2.1
CCM	baz=280						09 18 38.1	-2.0
CCM	Cathedral Cave	21.72	82	P	P	P	09 18 39.8	-0.3
CCM	Cathedral Cave	21.72	82	P	P	P	09 18 39.8	-0.3
CCM	comp=Z,91nm,1.2s						09 18 39.6	-0.6
N41A	Hann Midland	21.73	75	P	P	P	09 18 41.9	-0.7
I40A	Norwalk	21.96	66	P	I	Amb	09 18 41.7	-0.9
I40A	comp=Z,86nm,0.8s						09 18 41.9	-1.0
I40A	Norwalk	21.96	66	P	P	P	09 18 41.9	-1.0
I40A	baz=265,SNR=15						09 18 41.9	-1.0
KOTAN	Kotaneleele Air	22.00	353	P	P	P	09 18 41.3	-2.5
EYMN	Ely	22.07	56	P	I	Amb	09 18 42.3	-1.5
EYMN	comp=Z,194nm,1.9s						09 18 41.7	-2.0
EYMN	Ely	2						

28d 9h

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, SNR, and other technical details. Includes stations like UNM, N47A, N47A, YUK6, M31M, M31M, M31M, etc.

2016 DEC

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, SNR, and other technical details. Includes stations like TKL, TKL, TKL, W52A, W52A, N25K, etc.

2024

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, SNR, and other technical details. Includes stations like M22K, I27K, G30M, F31M, R55A, R55A, etc.

2025

Table with columns: Call Sign, Name, Power, Mode, Frequency, and other details. Includes stations like NEA2, PPLA, NHSC, etc.

2016 DEC

Table with columns: Call Sign, Name, Power, Mode, Frequency, and other details. Includes stations like HNH, QUA2, LBNH, etc.

28d 9h

Table with columns: Call Sign, Name, Power, Mode, Frequency, and other details. Includes stations like TIXI, SPITS, PPT, etc.

28d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MEM Membach, PVIS Viseu, VSU Vasulu, PRGR Permogore, KLMR Klimovskoe, etc.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like RETA Reutte, GERES GERESE Array B, DAVOX Davos/Dischmal, KRLC Kraikly, etc.

2026

Table with columns for station name, frequency, power, and other technical details. Includes stations like VORR, BRVK Borovoye, BVAR Borovoye Array, HHC Hu-ho-hao-te, etc.

2027

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UOSS Minazif, ASAR Alice Springs, ASAR 1.6nm, IPM lph, PMBI Palembang, etc.

REN 28 09:18:19.5:0.7, 38.40N:0.01:118.92W:0.01, h10km, 4km, ML2.8/1, ML3.1/24(NEIC), Error ellipse: s-maj=2.0km s-min=1.6km az=218.0

NEIC 28 09:18:19.4:0.4, 38.41N:0.01:118.92W:0.02, h15km, 2km, Error ellipse: s-maj=2.7km s-min=1.8km az=89.0, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TVH1 TV Hill, LHV Little Hooton, RYN Ryan, etc.

REN 28 09:19:11.2:1.1, 38.38N:0.02:118.90W:0.03, h10km, 4km, ML2.6/1, Error ellipse: s-maj=3.2km s-min=2.2km az=59.0

NEIC 28 09:19:11.4:1.1, 38.39N:0.02:118.88W:0.03, h10km, 1km, Error ellipse: s-maj=3.5km s-min=2.7km az=87.0, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TVH1 TV Hill, LHV Little Hooton, RYN Ryan, etc.

REN 28 09:19:57.5:0.5, 38.34N:0.01:118.91W:0.02, h8km, 4km, ML3.0/2, ML2.9/28(NEIC), Error ellipse: s-maj=2.5km s-min=1.7km az=93.0

NEIC 28 09:19:57.5:0.5, 38.35N:0.01:118.91W:0.02, h13km, 2km, Error ellipse: s-maj=2.4km s-min=1.6km az=124.0, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TVH1 TV Hill, LHV Little Hooton, RYN Ryan, etc.

SNET 28 09:20:34.6:0.7, 13.62N:90.59W, h67km, 12km, ML3.6 CGG 28 09:20:40.1:0.4, 14.02N:90.66W, h58km, 9km, MD3.8

ISC 28 09:20:35.2:2.0, 13.5N:0.1:90.59W:0.06, h50km, n16, 0574/19, 1D, Near coast of Guatemala

2016 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PGC Pacaya, NUBE Las Nubes, SLZSLZ Alcaldia de Sa, etc.

NEIC 28 09:22:35.5:1.6, 38.41N:0.04:118.95W:0.08, h6km, 8km, Error ellipse: s-maj=11.0km s-min=1.9km az=61.0

REN 28 09:22:35.2:1.1, 38.408N:0.010:118.93W:0.05, h9km, 7km, ML3.1/11, ML3.0/34(NEIC), Error ellipse: s-maj=5.6km s-min=1.1km az=80.0

ISC 28 09:22:35.0:0.9, 38.41N:0.02:118.94W:0.03, h10km, 7km, n43, 0537/52, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TVH1 TV Hill, LHV Little Hooton, RYN Ryan, etc.

REN 28 09:25:17.1:0.6, 32.62N:115.80W, h10km, 5km, MD1.8, ML2.2, CG-6D, California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SGL Mount Signal, YUH2 Yuh Desert, YUH2 Yuh Desert, etc.

REN 28 09:33:22.4:1.1, 38.39N:0.01:118.90W:0.02, h8km, 5km, ML3.0/10, ML2.8/38(NEIC), Error ellipse: s-maj=2.6km s-min=1.3km az=116.0

NEIC 28 09:33:22.7:1.0, 38.39N:0.01:118.91W:0.02, h8km, 6km, Error ellipse: s-maj=2.5km s-min=1.9km az=112.0

NCEDC 28 09:33:22.7, 38.39N:118.90W, h4km ANF 28 09:33:22.1, 38.35N:118.86W, h9km, 10km, ML3.0/7, Error ellipse: s-maj=18.5km s-min=14.3km az=96.0

ISC 28 09:33:22.7:0.9, 38.39N:0.02:118.91W:0.03, h10km, 7km, n47, 0535/58, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TVH1 TV Hill, LHV Little Hooton, RYN Ryan, etc.

REN 28 09:21:01.9:1.1, 38.34N:0.01:118.90W:0.02, h8km, 4km, ML3.2/12, ML3.1/26(NEIC), Error ellipse: s-maj=2.4km s-min=2.0km az=66.0

28d 9h

Table with columns: RYN, Ryan, YERR, Yerington, MDYM, Dry Creek, MCBM, Casa Benchmark, etc.

California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TVH1 TV Hill, LHV Little Hooton, RYN Ryan, etc.

REN 28 09:20:35.2:2.0, 13.5N:0.1:90.59W:0.06, h50km, n16, 0574/19, 1D, Near coast of Guatemala

28d 9h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MLNR Milner Canyon, RCCR Rock Creek Can, KVN Kaiserville, etc.

REN 28 09:37:46.3±1.5, 38.35N±0.01±1.18:85W±0.03, h9km, 3km, ML2.9/12, ML2.6/40(NEIC), Error ellipse: s-maj=3.4km s-min=1.5km az=107.0

NEIC 28 09:37:47.0±1.7, 38.359N±0.009±1.18:85W±0.01, h4km, 6km, Error ellipse: s-maj=2.0km s-min=0.5km az=126.0, California-Nevada border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TVH1 TV Hill, Hawth, LVH1 Little Huntton, RYN Ryan, etc.

2016 DEC

REN 28 09:45:19.1±3.3, 38.38N±0.01±1.18:90W±0.02, h9km, 4km, ML2.8/14, ML2.7/40(NEIC), Error ellipse: s-maj=2.9km s-min=1.7km az=57.0

NEIC 28 09:45:19.0±1.2, 38.383N±0.010±1.18:88W±0.02, h2km, 7km, Error ellipse: s-maj=2.1km s-min=1.4km az=89.0, California-Nevada border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TVH1 TV Hill, Hawth, LVH1 Little Huntton, RYN Ryan, etc.

REN 28 09:53:39.6±1.1, 38.41N±0.01±1.18:93W±0.02, h8km, 4km, ML2.5/12, ML2.5/30(NEIC), Error ellipse: s-maj=2.1km s-min=1.6km az=90.0

NEIC 28 09:53:39.9±1.2, 38.41N±0.01±1.18:93W±0.02, h12km, 4km, Error ellipse: s-maj=2.3km s-min=1.0km az=48.0, California-Nevada border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TVH1 TV Hill, Hawth, LVH1 Little Huntton, RYN Ryan, etc.

2028

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YERR, MDYM Dry Creek, MDPB Devils Postpil, etc.

NEIC 28 09:54:09.4±0.8, 38.344N±0.009±1.18:90W±0.02, h10km, 5km, Error ellipse: s-maj=1.9km s-min=1.3km az=102.0

REN 28 09:54:09.4±0.9, 38.34N±0.01±1.18:91W±0.02, h9km, 5km, ML3.0/5, ML2.7/40(NEIC), Error ellipse: s-maj=1.9km s-min=1.0km az=108.0

ANF 28 09:54:10.2±3.2, 38.30N±1.18:88W, h9km, 15km, ML2.9/6, Error ellipse: s-maj=3.2km s-min=1.6km az=105.0

ISC 28 09:54:09.5±0.9, 38.35N±0.02±1.18:91W±0.03, h12km, 8km, n31, 0934/44, California-Nevada border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TVH1 TV Hill, Hawth, LVH1 Little Huntton, RYN Ryan, etc.

REN 28 09:56:33.2±1.2, 38.39N±0.01±1.18:91W±0.007, h9km, 5km, ML2.9/19, ML2.8/40(NEIC), Error ellipse: s-maj=1.9km s-min=0.7km az=167.0

NEIC 28 09:56:33.4±1.2, 38.39N±0.010±1.18:92W±0.02, h10km, 5km, Error ellipse: s-maj=2.3km s-min=1.5km az=78.0, California-Nevada border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TVH1 TV Hill, Hawth, LVH1 Little Huntton, RYN Ryan, etc.

YERR	Yerington	0.64 337	Pg	09 56 45.9	0.0
YERR			Sb	09 56 55.1	-0.7
YERR	comp=N,659nm,0.3s		IAML	09 56 56.0	
YERR	comp=E,764nm,0.4s		IAML	09 56 56.1	
BENR	Benton	0.73 158	Pg	09 56 47.3	-0.3
MDYM	Dry Creek	0.74 186	Pg	09 56 47.8	0.0
MBCM	Casa Benchmark	0.75 179	Pg	09 56 47.9	-0.1
MLAC	Mammoth, Mammo	0.77 175	Pg	09 56 48.2	-0.1
MDPB	Devils Postpil	0.78 190	Pg	09 56 48.3	-0.3
MDPB			Sg	09 56 58.5	0.0
OMMB	Old Mammoth Mi	0.79 185	Pg	09 56 48.2	-0.4
ORC	Owens River	0.79 165	Pg	09 56 48.4	-0.3
PNTR	Pine Nut	0.87 322	Pg	09 57 50.1	-0.1
PNTR			Sb	09 57 02.3	-0.2
PNTR	comp=N,248nm,0.3s		IAML	09 57 03.4	
PNTR	comp=E,271nm,0.4s		IAML	09 57 08.1	
KVN	Kaiserville	0.91 44	Pg	09 56 50.5	-0.5
KVN			Sg	09 57 02.7	-0.2
KVN	comp=N,280nm,0.5s		IAML	09 57 03.3	
KVN	comp=E,316nm,0.6s		IAML	09 57 06.8	
MLNR	Milner Canyon	0.92 150	Pg	09 56 50.9	-0.2
RCCR	Rock Creek Can	0.92 170	Pg	09 56 50.8	-0.4
VCNR	Virginia City	1.06 328	Pg	09 56 53.6	-0.3
VCNR			Sb	09 57 08.4	+0.3
VCNR	comp=N,362nm,0.5s		IAML	09 57 11.7	
EMB	Emerald Bay	1.09 302	Pg	09 56 54.4	-0.1
EMB			Sb	09 57 09.4	+0.5
EMB	comp=N,338nm,0.4s		IAML	09 57 09.9	
EMB	comp=E,261nm,0.4s		IAML	09 57 11.1	
KCC	Kaiser Creek	1.12 197	Pb	09 56 54.2	-0.7
POCCA	Poleta Canyon	1.15 154	Pb	09 56 55.1	-0.3
CMB	Columbia Colle	1.21 253	Pn	09 57 09.2	-0.5
CMB	comp=N,179nm,0.1s		IAML	09 57 12.4	
CMB	comp=E,152nm,0.4s		IAML	09 57 15.4	
MPK	Martis Peak	1.25 316	Pn	09 56 57.1	0.0
MPK	comp=E,173nm,0.3s		IAML	09 57 15.6	
MPK	comp=N,183nm,0.6s		IAML	09 57 17.9	
DSP	Deep Springs	1.27 144	Pb	09 56 57.2	-0.1
TPH	Tonopah	1.37 103	Pn	09 56 58.7	0.0
Q09A	Carvers	1.43 72	Pn	09 56 59.7	+0.2
TIN	Tinemaha, Big	1.45 158	Pb	09 57 00.3	-0.2
DONR	Donner Summit	1.48 311	Pb	09 57 00.4	-0.3
PEAR	Peavine Mouna	1.48 326	Pb	09 57 00.9	+0.2
LOY	Loyalton	1.63 321	Pb	09 57 03.5	-0.1
WVA	Winnemucca Val	1.70 336	Pb	09 57 04.7	-0.1
AFDM	Forest Hills D	1.70 289	Pb	09 57 04.2	-0.5
GRAC	Grapevine Rang	1.86 138	Pb	09 57 06.7	-0.8
GRAC	Grapevine Rang	1.86 138	IAML	09 57 35.3	
GRAC	comp=N,124nm,0.3s		IAML	09 57 35.6	
CWC	Cottonwood Cre	2.06 161	Pn	09 57 08.9	+0.7
TPNV	Topopah Spring	2.56 124	Pn	09 57 09.2	+0.5
TPNV	comp=E,65nm,0.7s		IAML	09 58 01.8	
TPNV	comp=E,59nm,0.8s		IAML	09 58 02.6	
AMDW	Amarogosa	2.86 132	Pn	09 57 19.9	+0.9
QSM	Queen of Sheba	2.93 145	Pn	09 57 19.8	-0.1
ELK	Elko	3.68 49	Pn	09 57 30.3	-0.2
ELK	comp=E,11nm,0.3s		IAML	09 58 32.5	

RNF			Sb	10 01 49.6	+2.4
OBFO	Syolatti, Pyha	2.88 269	Pb	10 01 14.6	+0.4
OBFO			Pn	10 01 48.9	
OBFO	comp=Z,9.7nm,0.2s		MSG		
OBFO	Apatity Array	3.04 15	SG	10 01 51.6	+2.1
APA0			P	10 01 24.4	+0.8
APA0			S	10 02 04.8	+0.3
APA	Apatity	3.05 18	P	10 01 26.4	+0.8
APA			Sg	10 02 05.3	+0.3
TOF	Tornio	3.08 300	Pb	10 01 17.9	+1.0
TOF			MSG	10 01 55.1	
TOF	comp=Z,3.2nm,0.2s		MSG		
TOF	Vario	3.10 351	SG	10 01 56.5	+2.1
VRF			PN	10 01 18.0	+0.7
VRF	comp=Z,6.5nm,0.2s		MSG	10 01 58.8	
VRF			SG	10 02 03.4	+1.9
OBFB	Ulkokalla	3.25 267	PG	10 01 21.7	+2.5
OBFB			MSG	10 01 59.3	
OBFB	comp=Z,5.3nm,0.2s		MSG		
SGF	Sodankyl	3.28 329	PG	10 01 25.1	-1.0
SGF			Sb	10 02 04.1	-2.3
KAF	Kangasniemi	3.32 221	Pb	10 01 21.2	+0.9
KALU	Kalix	3.38 293	Pb	10 01 20.9	-0.1
KALU			PN	10 02 05.1	+3.4
KALU	Ruokolahti	3.41 196	PN	10 01 21.5	-0.0
RUF			SN	10 02 03.0	+0.5
LVZ	Luovero	3.55 24	SG	10 02 20.0	-0.9
KEF	Keuruu	3.72 230	PN	10 01 26.7	+1.0
FLAO	FINESSE Array S	3.94 216	PN	10 01 28.8	0.0
FLAO			PN	10 02 26.4	+0.9
FLAO	FINESSE Array B	3.94 216	PN	10 01 28.6	-0.1
FINES	comp=Z,0.2nm,0.3s,baz=29,slow=15,SNR=9.9		Pg	10 01 36.5	-0.9
FINES	comp=Z,0.6nm,0.3s,baz=22,slow=15,SNR=10		Lg	10 02 26.1	
FINES	comp=Z,1.7nm,0.3s,baz=23,slow=29,SNR=14		Lg		
FINES	comp=Z,2.4nm,0.8s		Lg		
PAJU	Pajala	3.96 310	PG	10 01 37.1	-0.6
PAJU			Pb	10 02 27.2	+1.2
VAF	Viljasto	4.00 249	PN	10 01 30.0	+0.4
ERTU	Ertsaeruv	4.06 301	PN	10 01 31.1	+0.7
BURV	Burvik	4.10 273	PN	10 01 29.3	-1.7
VJF	Vuorjoki	4.46 202	SG	10 02 42.8	+2.5
UMAU	Umeaa	4.53 264	PN	10 01 34.9	-2.0
UMAU			SG	10 02 44.2	+1.8
HEF	Hetta	4.71 325	PG	10 01 51.6	+1.1
HEF			SG	10 02 50.1	+2.4
PVF	Pernaja	4.78 211	PN	10 01 41.3	+0.1
PVF			SG	10 02 51.4	+1.8
ARCES	ARCES Array B	5.29 339	PN	10 01 46.6	-0.6
ARCES	comp=Z,0.3nm,0.3s,baz=156,slow=14,SNR=19		SN	10 02 46.1	-2.7
ARCES	comp=Z,0.2nm,0.3s,baz=156,slow=20,SNR=2.7		Lg	10 03 08.7	
ARCES	comp=Z,0.5nm,0.3s,baz=154,slow=31,SNR=6.8		Lg		
ARCES	ARCES Array B	5.29 339	P	10 01 47.0	-0.3
ARCES			PN	10 02 46.8	-2.0
NOA	NORSAR Array B	9.70 257	Pn	10 02 40.4	-7.4
NOA	comp=E,1,slow=17,SNR=1.2		Lg	10 05 19.7	
NOA	comp=Z,23,slow=7.7,SNR=1.2		Lg		
NOA	comp=Z,0.7nm,1.1s		Lg		

IGT	comp=E,1,1um,0.5s		S	10 02 15.9	0.0
IGT	Igoumenitsa	0.98 212	ePg	10 02 03.1	0.0
IGT			Sb	10 02 21.9	+4.4
IGT	Igoumenitsa	0.98 212	iPg	10 02 02.8	-0.3
IGT	comp=N,215		S	10 02 17.7	+0.2
IGT	Igoumenitsa	0.98 212	P	10 02 00.7	-2.3
IGT	comp=E,2664um,0.5s		AML	10 02 24.3	
IGT			AML	10 02 24.6	
IGT	comp=N,2041um,0.5s		ePg	10 02 02.7	-0.3
IGT	Igoumenitsa	0.98 212	ePg	10 02 19.2	+1.7
THL	Klokotas Trika	1.12 135	P	10 02 05.0	-0.5
THL			S	10 02 22.6	+1.6
KEK	Kerkira	1.13 235	P	10 02 04.6	-1.1
KEK			Sg	10 02 21.4	+0.8
KEK	comp=N,438nm,0.5s		P	10 02 03.9	-1.8
KEK	comp=N,679um,0.4s		AML	10 02 28.9	
KEK	comp=N,1072um,0.6s		AML	10 02 30.2	
VLO	Vlora	1.15 276	P	10 02 06.2	+0.2
TYRN	Tyrnavos	1.15 124	P	10 02 06.0	-0.4
TYRN			S	10 02 23.9	+2.1
TYRN	comp=E,932nm,0.7s		P	10 02 06.1	-0.2
LIT	Litokhoron	1.17 103	P	10 02 06.0	-0.8
LIT			S	10 02 24.4	+2.0
LIT	Litokhoron	1.17 103	iPg	10 02 06.0	-0.8
LIT			Pg	10 02 26.7	+4.3
TIR	Tirane	1.30 319	iPg	10 02 08.6	-0.4
TIR			Sg	10 02 28.4	+3.1
TIR	Tirane	1.30 319	iPg	10 02 08.4	-0.3
TIR			Sg	10 02 28.3	-0.3
TIR	comp=N,320		S	10 02 27.7	+1.5
THE	Thessaloniki	1.52 79	iPg	10 02 11.2	-1.2
THE			Sg	10 02 32.0	-1.2
THE	Thessaloniki	1.52 79	P	10 02 10.7	-0.5
THE			S	10 02 31.8	-1.5
VAY	Valandovo	1.53 51	iPg	10 02 11.9	+0.1
VAY			Sg	10 02 32.7	-0.7
VAY	comp=E,149nm,0.9s		ePg	10 02 34.5	
VAY	Valandovo	1.53 51	ePg	10 02 11.6	-0.9
EVR	Ervrytania	1.58 156	P	10 02 33.9	+0.5
EVR			S	10 02 12.1	0.0
EVR			Sb	10 02 33.1	-0.2
LKD2	comp=E,565nm,0.6s		P	10 02 11.2	-1.1
LKD2	Lefkada island	1.60 190	P	10 02 16.3	+1.3
STIP	Stip	1.60 34	iPn	10 02 42.0	+6.2
STIP			Sg	10 02 44.3	
SKO	Skopje	1.64 12	iPn	10 02 15.3	-0.4
SKO			Sg	10 02 35.2	-1.7
SKO	comp=E,30nm,0.7s		Lg	10 02 40.9	
SKO	Skopje	1.64 12	ePg	10 02 14.9	-0.8
SKO			Sg	10 02 37.3	+0.3
KNT	Kendrikon	1.65 61	iPn	10 02 13.0	-1.5
AGG	Agios Georgios	1.69 142	P	10 02 14.3	-1.0
AGG			S	10 02 36.2	-0.3
AGG	comp=E,288nm,0.4s		P	10 02 14.3	-1.0
AGG	Agios Georgios	1.69 142	P	10 02 16.7	-1.3
SOH	Sokhos	1.85 75	iPn	10 02 20.0	-1.8
ULC	Ulcinj	2.07 321	iPn	10 02 47.9	+0.4
ULC			Sb	10 03 01.2	+1.1
SRR	Serrai	2.11 68	eSb	10 02 45.6	+0.1
BCI	Bajram Curri	2.12 341	P	10 02 21.2	-1.4
DRME	Dracevica, Mon	2.27 324	iPn	10 02 23.0	-2.2
DRME			Sb	10 02 22.0	+0.1
PRVS	Prvonek	2.29 20	eSb	10 02 48.2	-1.7
PVY	Plav	2.36 341	iPn	10 02 24.2	+1.3
PVY			Sb	10 02 54.9	-0.9
PDG	Podgorica	2.44 328	iPn	10 02 25.5	+1.6
PDG			Sb	10 02 27.0	+1.1
TTG	Podgorica	2.44 328	iPn	10 02 25.1	+1.2
TTG			Sb	10 02 56.7	-1.4
BARS	Barje	2.52 14	ePn	10 02 25.4	+0.4
IVA	Berane	2.64 342	iPn	10 02 56.2	+0.5
IVA			Sb	10 03 01.2	+0.9
IVA			Sb		

28d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MCBM Casa Benchmark, MLAC Mammoth, MDPB Devils Postpil, etc.

ICD 28 10:18:31.0-0.6, 7.20S:74.48W, h0km, mb3.9/11, mbmp4,0/16, ML3,8/5, Error ellipse: s-maj=1.6,9km s-min=1.3,6km az=72.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CZSB Cruzeiro do Su, ATAH Atahualpa, NNA Nana, etc.

2016 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for G001 Chusmiza, PATCX Punta Patache, MACA Manacapur-UAM, etc.

2030

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TVH1 TV Hill, Hawth, TVH1 TV Hill, Hawth, Little Huntoon, etc.

NOU 28 10:38:15.3, 39.39S:174.44E, h273km, MLV4.0/15, North Island, New Zealand

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for LREZ Lake Rotokare, DREZ Durham Egot, NEZ North Egmont, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HRRZ Handcock Road, MCHZ McNeill Hill, PRRZ Plateau Road, etc.

ISC-EH 28:10:43:51.3, 10.02N, 126.57E, h15km, Error ellipse: s-maj=6.4km s-min=4.5km az=72.0

MAN 28:10:43:52.8, 9.89N, 126.44E, h12km, mb4.5, ML3.3, MS3.1 MAN INTENSITY II - BERNAL LUNA SURIGAO DEL NORTE; INTENSITY I - SAN BENITO SURIGAO DEL NORTE; SURIGAO CITY.

NEIC 28:10:43:55.7, 1.8, 10.01N, 0.08E, 126.6E, 0.1, h42km, 5km, mb4.5/34, Error ellipse: s-maj=15.5km s-min=10.6km az=68.0

ICD 28:10:43:56:8.2, 6.9, 8.88N, 126.30E, h62km, 24km, mb3.9/19, mbmp=2.21, ML4.2, MS2.0, Error ellipse: s-maj=26.0km s-min=12.0km az=72.0

ISC 28:10:43:51.2, 1.5, 9.96N, 0.03E, 126.32E, 0.05, h14km, 9km, n86, c166/93, mb4.4/35, 6C-10D, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GLSP General Luna, GLSP Maasin, GLSP Bislig, etc.

Table with columns: TXAR, Lajitas Array, 117.99, 49, PKP, PKPdf, 11 02 38.00, -0.4

Table with columns: TORD, Torodi Ar, Bar, 120.43, 292, PKP, PKPdf, 11 02 40.5, -2.8

REN 28:10:50:54.2, 1.3, 38.38N, 0.01E, 118.90W, 0.02, h3km, 5km, ML2.5/19, ML2.5/38(NEIC), Error ellipse: s-maj=2.1km s-min=1.6km az=114.0

NEIC 28:10:50:54.5, 1.4, 38.39N, 0.01E, 118.89W, 0.02, h1km, 6km, Error ellipse: s-maj=2.1km s-min=1.7km az=96.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TVH1 TV Hill, Hawth, LHV Little Huntton, RYAN Ryan, etc.

REN 28:10:56:52.2, 1.4, 38.36N, 0.01E, 118.91W, 0.02, h3km, 5km, ML2.5/18, ML2.3/28(NEIC), Error ellipse: s-maj=2.3km s-min=1.6km az=47.0

NEIC 28:10:56:52.1, 1.4, 38.369N, 0.009E, 118.93W, 0.03, h1km, 4km, Error ellipse: s-maj=3.0km s-min=1.3km az=84.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TVH1 TV Hill, Hawth, LHV Little Huntton, RYAN Ryan, etc.

2033

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like VCNR, Kaiser Creek, Emerald Bay, Poleta Canyon, etc.

REN 28 11:57:52.3+1.0,38:373N:0.008:118:90W:0.02, h7km,5km,ML2.6/17,ML2.3/30(NEIC),Error ellipse: s-maj=2.1km s-min=1.0km az=109.0

NEIC 28 11:57:52.7+1.0,38:368N:0.008:118:89W:0.02, h6km,6km,Error ellipse: s-maj=2.2km s-min=0.9km az=112.0,California-Nevada border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TVH1, Little Huntoon, Lundy Lake, etc.

2016 DEC

IDC 28 12:03:07.1-0.7,28:15N:104:94E,h0km,mb4.0/17, mbmp4.0/18,ML3.8/1,MS2.7/1,Error ellipse: s-maj=23.3km s-min=14.8km az=47.0

NEIC 28 12:03:10.4-0.8,28:2N:0.1:104:8E:0.1, h10km,1km, mb4.1/11,Error ellipse: s-maj=20.8km s-min=17.5km az=79.0

ISC 28 12:03:12.4-0.5,28:14N:0.09:104:82E:0.07,h35km,n44, r1510/44,mb4.0/23,Sichuan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ENH, Qiongzong, Ramite, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Chulitna, Denali Highway, etc.

28d 12h

2035

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VCNR Virginia City, EMB Emerald Bay, etc.

2016 DEC

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PFO Pinon Flats, TPFO Pinon Flats, etc.

28d 12h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CMB Columbia Cole, MPK Martis Peak, etc.

28d 12h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GRAC, ORV, BMN, ELK, etc.

IDC 28 12:38:47.5, 2.6, 36.74N; 140.53E, h9km, 15km, mb4.9/36, mbmp4.9/39, ML3.7/5, MS5.5/82, Error ellipse: s-maj=1.0km, s-min=0.4km, az=123.0

NIED 28 12:38:49.0, 36.72N; 140.57E, h11km, MW5.9, Moment Tensor Solution. s3, Moment tensor: Scale 1017Nm; M1=8.24; M2=8.4; M3=5.39; M4=0.81; M5=2.26; M6=5.01; Fault plane solution: M3.9, 0.0000x1017 NP1: 0=160.00000; 862.00000; -82.00000. NP2: 0=324.00000; 829.00000; -105.00000.

NEIC 28 12:38:49.6, 1.9, 36.86N; 0.04:140.44E:0.05, h7km, 11km, mb5.9/502, Ms 20.5/7357, Mw5.9/15, Mw5.9/9, Error ellipse: s-maj=7.6km, s-min=6.5km, az=124.0, Moment Tensor Solution. Moment tensor: Scale 1018Nm; M1=5.69; M2=3.55; M3=2.15; M4=0.23; M5=1.36; M6=7.09; Fault plane solution: Ms7.7000x1017 NP1: 0=166.01000; 87.72000; -176.97000. NP2: 0=305.43000; 820.72000; -127.71000. Principal axes: T 6.8297, P1g28.0000, Azm246.0000; N 3.0610, P1g12.0000, Azm342.0000; P -8.9907, P1g59.0000, Azm94.0000.

JMA 28 12:38:49.0, 0.0, 36.7N; 0.1:140.6E:0.2, h11km, MD6.3/20, MW5.9/20, NORTHERN IBARAKI PREF. JMA Felt VJ1 at NORTHERN IBARAKI PREF. MOS 28 12:38:49.6, 1.1, 36.94N; 140.36E, h18km, mb6.0/79, MS5.7/52, Error ellipse: s-maj=5.8km, s-min=3.6km, az=108.8

BUI 28 12:38:50.1, 0.0, 36.90N; 140.40E, h5km, mb5.4/71, m85.9/71, Ms6.1/93, Ms7.5/97

ISC-EH 28 12:38:51.6, 36.97N; 140.45E, h10km, Error ellipse: s-maj=3.1km, s-min=2.3km, az=133.0

KEA 28 12:38:54.1, 36.72N; 140.95E, h13km, MS5.5/3, GCMT 28 12:38:54.7, 0.1, 36.82N; 140.52E, h12km, MW5.9/171, Moment Tensor Solution. s139,c281; s171,c539; Duration: 2s1 Moment tensor: Scale 1018Nm; M1=0.77; M2=0.0; M3=0.26; M4=0.0; M5=0.51; M6=1.71; M7=0.1; M8=0.32; M9=0.21; M10=0.1; Best double couple: M=0.79200x1018 NP1: 0=162.00000; 850.00000; -1.69.00000. NP2: 0=311.00000; 844.00000; -1.114.00000. Principal axes: T 0.7320, P1g3.0000; Azm237.0000; N 0.0200, P1g16.0000; Azm328.0000; P -0.8520, P1g73.0000; Azm136.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 28 12:38:56.36; 82N; 140.55E, h12km, Moment Tensor Solution. Duration: 12s0 Moment tensor: Scale 1017Nm; M1=8.78; M2=2.78; M3=6.00; M4=1.37; M5=3.70; M6=0.81; Fault plane solution: Ms8.75000x1017 NP1: 0=151.00000; 840.00000; -83.00000. NP2: 0=322.00000; 850.00000; -95.00000. Principal axes: T 8.5399, P1g5.0000, Azm56.0000; N 0.4100, P1g4.0000, Azm326.0000; P -8.9499, P1g84.0000, Azm194.0000.

ISC 28 12:38:51.7, 0.3, 36.85N; 0.02:140.52E:0.02, h16km, 13km, h16km; p-P, N2088, z=26/1722, mb5.9/495, MS5.7/305, 61C-68D, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JHO, JHI, JHJ, JHM, etc.

2016 DEC

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JKUC, JIO, JJO, JKA, etc.

2016 DEC

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JTM, JTN, JIE, etc.

2039

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ZALV Zalesovo Beam, LSA Lhasa, ZSN Zaisan, etc.

2016 DEC

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like RAMN Ramite, JIRN Jiri, PMG Port Moresby, etc.

28d 12h

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like JOHN Johnston Island, CNPM China Pool, KTH Kantishna Hill, etc.

28d 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Port Wells, Clear Creek Bu, Chumysh, Hadwenzic Riv, etc.

2016 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like Jago River, Prapat, Rantap, etc.

2040

Table with columns for station name, frequency, power, and other technical details. Includes stations like MDSI, SONA, DAWY, etc.

28d 12h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like B35A Bob, Littlefor, B35A Bob, Littlefor, B35A Bob, Littlefor, etc.

2016 DEC

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like TUC Tucson, TUC Tucson, TUC Tucson, etc.

2044

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like PPT2 Papeete2, FOEL Foel Wylfa, ANMO Albuquerque, etc.

2045

Table with columns: Station, Frequency, Power, Class, Location, and other details. Includes stations like JFWS Jewell Farm, AMTX Amarillo, and various local news and sports channels.

2016 DEC

Table with columns: Station, Frequency, Power, Class, Location, and other details. Includes stations like HPDG, SADO Sadova, HHAR Hobbs, and various local news and sports channels.

28d 12h

Table with columns: Station, Frequency, Power, Class, Location, and other details. Includes stations like P52A Corning, P52A Corning, R50A Paris, and various local news and sports channels.

28d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PVAQ Vaqueiros, PTEO Sao Teotônio, KMB0 Kilima Mbogo, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like mbmp4.2/15, ML4.3/1, Error ellipse: s-maj=29.7km, NEIC 28 12:46:42.3, etc.

2046

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHZ Kahutara, KHZ Kahutara, Blackbirch Sta, etc.

28d 13h

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like SUMG Summit, NACGM Naroch, BEKR Beckwith, etc.

2016 DEC

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like KHC Kasperke Hory, KHC KHC, KHC KHC, etc.

2048

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like ZKR comp=E,2905um,0.3s, ZKR comp=N,1506um,0.4s, STIA Sitia Lasithi, etc.

28d 13h

SII	comp-Z, 18nm, 0.9s Sutkinan Island baz=264	55.55	37	P	P	13 55 26.4	-0.5
TTA	Tatalina	55.65	30	P	I Amb	13 55 28.7	+1.1
TTA	comp-Z, 27nm, 1.4s Tatalina	55.65	30	P	P	13 55 28.1	+0.6
GSCA	Galena City Sc baz=256, SNR=9.2	55.69	27	P	P	13 55 28.1	+0.4
KSH	Kashi	55.74	302	P	P	13 55 33.3	+4.6
KSH	comp-Z, 6.0nm, 0.7s Port Alsworth	55.95	33	P	pmax	13 55 29.7	+0.1
O19K	Bonanza Creek baz=261, SNR=6.3	55.97	32	P	P	13 55 31.3	+1.4
N19K	N19K	55.97	32	P	I Amb	13 55 32.7	
N19K	comp-Z, 19nm, 0.9s Bonanza Creek baz=261	55.97	32	P	P	13 55 30.0	+0.1
L19K	White Mountain baz=261	56.03	31	P	P	13 55 31.3	+1.1
L19K	L19K	56.03	31	P	I Amb	13 55 33.0	
L19K	comp-Z, 24nm, 1.1s White Mountain baz=260	56.03	31	P	P	13 55 30.1	-0.1
OHAK	Old Harbor baz=264	56.11	37	P	P	13 55 30.6	-0.2
Q19K	Cape Douglas, baz=263	56.11	35	P	P	13 55 30.7	-0.1
M19K	Big River Lodg	56.19	31	P	P	13 55 32.4	+1.0
M19K	M19K	56.19	31	P	I Amb	13 55 34.4	
M19K	comp-Z, 38nm, 1.6s Big River Lodg baz=260	56.19	31	P	P	13 55 31.9	+0.5
L20K	Farewell, AK baz=260, SNR=6.9	56.53	30	P	P	13 55 33.9	+0.1
KADK	Kodiak Island baz=264	56.54	36	P	P	13 55 34.3	+0.5
AAK	Ala-Archa	56.56	306	P	P	13 55 35.0	+0.5
AAK	AAK	56.56	306	P	P	13 55 34.9	+0.3
K20K	Telida	56.60	29	P	pP	13 56 19.2	-1.9
K20K	Telida	56.60	29	P	P	13 55 35.9	+1.7
K20K	baz=259	56.60	29	P	P	13 55 34.9	+0.7
STKA	Stevens Creek comp-Z, 1.1nm, 0.3s, baz=7.7, slow=9.3, SNR=3.7	56.69	179	P	pP	13 55 33.0	-2.1
STKA	STKA	56.69	179	P	pP	13 56 19.2	-1.8
J20K	comp-Z, 3.7nm, 0.8s, baz=336, slow=10, SNR=3.8 Nowinta River	56.72	28	P	P	13 55 36.8	+1.8
J20K	J20K	56.72	28	P	P	13 55 36.3	+1.2
Q20K	Shuyak Island baz=264	56.72	35	P	P	13 55 35.8	+0.7
RSO	Redoubt South	56.76	33	P	P	13 55 35.5	-0.1
O20K	Slope Mountain baz=263	56.77	33	P	P	13 55 36.2	+0.6
M20K	Styx River baz=261	56.78	31	P	P	13 55 37.0	+1.4
PPLA	Purkeypile	57.36	30	P	P	13 55 40.2	+0.5
PPLA	Purkeypile	57.36	30	P	P	13 55 39.5	-0.2
G21K	Alakaket baz=258	57.45	26	P	P	13 55 40.3	+0.1
CHUM	Lake Minchumin baz=261	57.46	29	P	P	13 55 41.2	+0.0
CAST	Castle Rocks baz=261	57.49	29	P	P	13 55 41.7	+1.2
CAST	Castle Rocks	57.49	29	P	P	13 55 41.4	+0.9
SKT	Skwentna	57.54	31	P	I Amb	13 55 41.6	+0.8
SKT	SKT	57.54	31	P	I Amb	13 55 42.5	
SKT	comp-Z, 23nm, 1.0s Skwentna	57.54	31	P	P	13 55 41.7	+0.8
H21K	Meizozina Rive baz=263, SNR=10.0	57.56	27	P	P	13 55 42.6	+1.7
CAPN	Captain Cook N baz=264	57.58	33	P	P	13 55 42.6	+1.5
F21K	Alatna River	57.62	25	P	P	13 55 42.6	+1.3
A21K	Barrow baz=262	57.62	20	P	P	13 55 42.1	+0.9
BRSE	Bradley Lake S baz=265	57.68	34	P	P	13 55 42.5	+0.6
I21K	Tanana	57.82	27	P	P	13 55 44.2	+1.5
I21K	Tanana	57.82	27	P	P	13 55 44.4	+1.7
SUA	Susitna One	57.85	32	P	I Amb	13 55 43.3	+0.1
SUA	SUA	57.85	32	P	I Amb	13 55 45.3	
SUA	comp-Z, 12nm, 0.7s Susitna One	57.85	32	P	P	13 55 43.8	+0.7
BPAW	Bear Paw Mtn. baz=264, SNR=6.2	58.07	29	P	P	13 55 45.6	+1.1
BPAW	Bear Paw Mtn.	58.07	29	P	P	13 55 46.0	+1.5
F22K	John River baz=262, SNR=8.6	58.17	25	P	P	13 55 46.8	+1.7
CUT	Chulitna baz=264	58.18	31	P	P	13 55 45.6	+0.4
M22K	Willow baz=264	58.18	31	P	P	13 55 45.7	+0.5
H22K	Ishlitalna Cre baz=260	58.19	27	P	P	13 55 47.0	+1.8
O22K	Cooper Landing	58.25	33	P	P	13 55 46.0	+0.2
O22K	Cooper Landing	58.25	33	P	P	13 55 46.6	+0.8
TRF	Thorofore Moun baz=263, SNR=11	58.29	29	P	P	13 55 47.2	+1.0
RC01	Rabbit Creek A baz=265, SNR=7.2	58.30	32	P	P	13 55 46.9	+0.8
MLY	Manley baz=262, SNR=9.2	58.31	28	P	P	13 55 47.8	+1.6
G22K	Bettles baz=261	58.31	25	P	P	13 55 47.2	+1.1
SEW	Seward baz=266, SNR=5.8	58.36	33	P	P	13 55 46.5	0.0
E22K	Anaktuvuk Pass baz=259	58.43	24	P	P	13 55 48.4	+1.4
PMR	Glacier View baz=265, SNR=13	58.63	32	P	P	13 55 48.6	+0.3
BVAR	Borovoye Array baz=265, SNR=13	58.82	318	P	P	13 55 49.6	-0.2
BVAR	BVAR	58.82	318	P	pP	13 55 49.6	-0.2
BVAR	comp-Z, 3.2nm, 0.4s, baz=89, slow=7.3, SNR=4.2 comp-Z, 6.3nm, 0.5s, baz=89, slow=7.3, SNR=3.8	58.82	318	P	pP	13 56 34.6	-1.9
G23K	Bananza Creek baz=261	58.86	26	P	P	13 55 51.6	+1.6
COLD	Coldfoot baz=261, SNR=18	58.87	25	P	P	13 55 51.5	+1.6
BRVK	Borovoye	58.88	318	P	P	13 55 49.1	-1.2
BRVK	BRVK	58.88	318	P	pP	13 56 40.0	+2.5
I23K	Minto, Yukon-K baz=263, SNR=8.6	58.91	28	P	P	13 55 51.4	+1.2
H23K	Yukon River	58.92	27	P	I Amb	13 55 52.0	+1.6
H23K	H23K	58.92	27	P	I Amb	13 55 53.2	
H23K	comp-Z, 13nm, 0.8s Yukon River baz=262	58.92	27	P	P	13 55 52.1	+1.7
MCK	McKinley baz=264, SNR=22	58.93	29	P	P	13 55 51.1	+0.6
KNK	Knik Glacier baz=266, SNR=13	58.94	32	P	P	13 55 51.2	+0.6
PWL	Port Wells baz=266, SNR=10.0	58.96	33	P	P	13 55 51.6	+0.9
NEA2	Nenana baz=263, SNR=17	58.96	28	P	P	13 55 52.3	+1.6
D23K	Nanushuk River baz=259	59.00	23	P	P	13 55 52.9	+0.2
WAT1	Susitna Watana baz=265	59.01	30	P	P	13 55 51.2	+0.2
SML	Sawmill baz=266, SNR=16	59.03	31	P	P	13 55 51.9	+0.7
C23K	Ikilik River baz=259, SNR=31	59.19	22	P	P	13 55 53.6	+1.5
M23K	Glacier View baz=266, SNR=10	59.31	32	P	P	13 55 54.0	+0.8
WAT6	Susitna Watana baz=266, SNR=11	59.36	31	P	P	13 55 54.5	+0.8
P23K	Montage Island baz=268	59.38	34	P	P	13 55 54.8	+1.2
KKAR	Karatay Array baz=267, SNR=11	59.43	307	P	P	13 55 54.6	+0.4
SCM	Sheep Creek Mo baz=267, SNR=11	59.51	32	P	P	13 55 55.3	+0.9
SCM	Sheep Creek Mo	59.51	32	P	P	13 55 55.4	+0.9
TCOL	CHEG, UAF Yank	59.51	28	P	P	13 55 56.2	+1.9

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CCB	baz=264, SNR=7.2 Clear Creek Bu College	59.51	28	P	P	13 55 54.7	+0.3
COLA	baz=264 COLA College	59.51	28	P	P	13 55 55.8	+1.4
COLA	COLA	59.51	28	P	pP	13 55 53.4	-0.9
DHY	Denali Highway baz=266	59.57	30	P	pP	13 56 33.1	-4.1
H24K	Noodor Dome	59.60	27	P	P	13 55 56.4	+1.4
E24K	Your Creek baz=262	59.65	24	P	P	13 55 57.0	+1.6
POKR	Poker Plat Res	59.71	28	P	I Amb	13 55 57.2	+1.4
POKR	POKR	59.71	28	P	I Amb	13 55 58.4	
POKR	comp-Z, 10nm, 0.8s Poker Plat Res	59.71	28	P	P	13 55 56.9	+1.1
F24K	Squaw Lake baz=265, SNR=5.0	59.80	25	P	P	13 55 58.0	+1.6
C24K	Franklin Bluff baz=261	59.82	22	P	P	13 55 57.5	+1.1
HDA	Harding Lake baz=265, SNR=10	59.86	29	P	P	13 55 57.0	+0.2
G24K	Hadzwencz Riv baz=264	59.86	26	P	P	13 55 58.2	+1.4
IL31	IL31	59.91	28	P	I Amb	13 55 56.3	-0.8
IL31	IL31	59.91	28	P	I Amb	13 55 58.1	
ILAR	comp-Z, 14nm, 0.8s Eielson Array	59.91	28	P	P	13 55 57.0	-0.2
ILAR	ILAR	59.91	28	P	pP	13 56 44.5	+0.1
M24K	comp-Z, 2.4nm, 0.9s, baz=263, slow=6.3, SNR=3.0 Tolsona, Glenn baz=268	60.06	31	P	P	13 55 59.3	+1.0
KLU	Klutina	60.16	32	P	P	13 55 59.6	+0.7
KLU	KLU	60.16	32	P	P	13 56 00.4	+1.5
EYAK	Cordova Ski Ar baz=269	60.22	33	P	P	13 56 00.5	+1.3
K24K	Donnelly Dome baz=263, SNR=5.1	60.33	29	P	P	13 56 00.7	+0.6
G25K	Bearman Lake baz=265	60.41	26	P	P	13 56 01.7	+1.2
PAX	Paxson baz=268, SNR=10	60.43	30	P	P	13 56 01.9	+1.2
PRP	Purcupine Dome baz=265, SNR=8.0	60.55	27	P	P	13 56 01.5	-0.1
HARP	HAARP	60.55	31	P	P	13 56 02.9	+1.3
J25K	baz=268, SNR=11 Salcha River, baz=267	60.55	28	P	P	13 56 01.6	0.0
F25K	Christian River baz=265, SNR=27	60.66	25	P	P	13 56 04.1	+1.8
FYU	Fort Yukon	60.74	26	P	P	13 56 03.9	+1.2
E25K	Arctic Village baz=265, SNR=18	60.74	24	P	P	13 56 04.2	+1.5
RIDG	Independent Ri baz=268, SNR=9.2	60.74	29	P	P	13 56 03.6	+0.8
BMRM	Bremner River baz=270, SNR=10	60.79	33	P	P	13 56 04.2	+1.0
N25K	Chitina, Valde	60.80	32	P	I Amb	13 56 03.7	+0.4
N25K	N25K	60.80	32	P	I Amb	13 56 05.5	
N25K	comp-Z, 9.7nm, 0.8s Chitina, Valde baz=269, SNR=6.0	60.80	32	P	P	13 56 04.2	+0.9
BMAR	Burnt Mountain DOT	61.06	25	P	P	13 56 06.0	+1.1
DOT	DOT	61.09	29	P	I Amb	13 56 05.1	0.0
CHGR	Chuyangaron	61.11	302	P	I Amb	13 56 06.5	+0.7
CHGR	CHGR	61.11	302	P	I Amb	13 56 07.4	
SCRK	comp-Z, 17nm, 0.8s Sand Creek	61.13	29	P	P	13 56 05.9	+0.4
SCRK	SCRK	61.13	29	P	P	13 56 06.0	+0.5
C26K	Camden Bay baz=268, SNR=29	61.15	22	P	P	13 56 07.5	+2.1
F26K	Shekig River baz=266, SNR=10	61.24	25	P	P	13 56 07.6	+1.5
J26L	Joseph Creek baz=268, SNR=20	61.33	29	P	P	13 56 07.5	+0.7
L26K	Log Cabin Wild baz=270, SNR=13	61.40	30	P	P	13 56 08.4	+1.2
C27K	Jago River baz=266	61.54	2				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RLMT Red Lodge, AHID Auburn Hatcher, DUG Dugway, etc.

12C 28 13:49:16.2, 1.9, 201.81S x 178.45W, h589km, 22km, mb3.0/5, mbtmp4.1/8, Error ellipse: s-maj=38.7km s-min=16.1km az=148.0

12C 28 13:49:15.8, 0.9, 20.9S x 0.2, 178.4W, 0.2, h579km, n11, r102/12, mb3.7/5, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFI 14nm, 0.6s, etc.

REN 28 13:49:43.4, 1.0, 38.350N, 0.010, 118.86W, 0.02, h9km, 7km, ML2.7/17, ML2.6/42(NEIC), Error ellipse: s-maj=2.2km s-min=1.4km az=78.0

NEIC 28 13:49:43.8, 1.2, 38.34N, 0.01, 118.86W, 0.02, h9km, 7km, Error ellipse: s-maj=2.3km s-min=1.7km az=95.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TVH1 TV Hill, LHV Little Hutton, etc.

Table with columns: YERR, YERR, MLCAC, MLCAC, ORC, ORC, etc. Includes stations like Yerington, Mammoth, Owens River, Devils Postpil, etc.

12C 28 14:03:23.8, 2.6, 4.46S, 152.98E, h0km, mb3.7/2, mbtmp3.7/2, Error ellipse: s-maj=47.7km s-min=27.7km az=28.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat, WRA Warramunga Arr, etc.

REN 28 14:19:00.3, 0.9, 38.371N, 0.009, 118.92W, 0.01, h9km, 3km, ML2.6/13, ML2.3/42(NEIC), Error ellipse: s-maj=1.6km s-min=1.1km az=218.0

NEIC 28 14:18:60.0, 0.7, 38.365N, 0.010, 118.92W, 0.01, h2km, 10km, Error ellipse: s-maj=1.7km s-min=1.4km az=107.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TVH1 TV Hill, LHV Little Hutton, LUL Lundy Lake, etc.

Table with columns: CMB, CMB, DSP, DSP, MPK, MPK, etc. Includes stations like CMB comp=E, 9.59nm, 0.1s, Deep Springs, Maris Peak, etc.

BUI 28 14:24:21.0, 0.0, 5.00S, 144.55E, h110km, mb5.0/54, mB5.4/29

MOS 28 14:24:21.5, 0.9, 4.98S, 144.00E, h87km, mb5.1/20, Error ellipse: s-maj=9.2km s-min=5.3km az=106.8

IDC 28 14:24:23.7, 1.5, 5.01S, 144.06E, h95km, 13km, mb4.7/42, mbtmp5.0/47, MS4.0/15, Error ellipse: s-maj=11.2km s-min=7.9km az=68.0

NEIC 28 14:24:24.6, 1.5, 5.12S, 0.07, 144.01E, 0.06, h102km, 6km, mb5.4/10, Error ellipse: s-maj=10.0km s-min=8.8km az=151.0

ISC-EH 28 14:24:24.6, 5.08S, 144.01E, h107km, 1km, Error ellipse: s-maj=2.0km s-min=1.9km az=132.0

DJA 28 14:24:24.9, 0.3, 5.2S, 144.4E, h116km, 3km, M5.3/79, mB5.7/47, mb5.5/79, MLV5.5/5, Mw(mb)5.3/47, MwMwp5.0/2, Mwp5.3/2

GCMT 28 14:24:26.0, 0.2, 5.04S, 0.01, 143.96E, 0.01, h119km, 2km, MW5.3/124, Moment Tensor Solution, s49, c58, s124, c194, Duration: 1s1 Moment tensor: Scale 1017 Nm, Mn=0.18±0.03, Mps=0.65±0.02, Mss=0.83±0.03, Mss=0.50±0.02, Mss=0.14±0.02, Mss=0.42±0.02, Best double couple: Mb=1.01600x1017, NP1=144.00000°, 881.00000°, λ=139.00000°, NP2=46.00000°, 850.00000°, λ=12.00000°, Principal axes: T 0.930, P 0.200000, Azm268.0000°, N 0.0460, Plg48.0000°, Azm154.0000°, P -1.0390, Plg34.0000°, Azm13.0000°, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 28 14:24:23.8, 0.4, 5.12S, 0.04, 144.00E, 0.04, h99km, 4km, h100km, p-P, P, n12, r099/720, mb5.3/165, 7C-20D, New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAY Jayapura, MANU Manus Island, etc.

28th 14h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like TNTI Ternate, SANI Sanana, and various local stations.

2016 DEC

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GIRL Giralia, KSM Kuching, and various regional stations.

2052

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GSI Gunungsitoli, KCSI Kutacane, and various regional stations.

2053

ULN	Ulanbaatar	61.93	333	P	P	14 34 32.2	-1.0
SOMI	Songino Array	62.21	332	P	P	14 34 35.7	+0.6
SOMI	Songino Array	62.21	332	P	P	14 34 35.3	+0.2
SOMI	Songino Array	62.21	332	P	I/Amb	14 34 37.1	
TAPN	Tapejlung	63.18	304	eP	P	14 34 43.5	+1.4
RAMN	Ramite	63.95	303	eP	P	14 34 48.2	+1.1
PALK	Pallekele	64.35	281	P	P	14 34 50.4	+0.7
PALK	Pallekele	64.35	281	P	P	14 34 49.8	+0.2
JIRN	Jiri	64.55	304	P	P	14 34 52.2	+1.1
MA2	Magadan	64.72	4	P	P	14 34 50.1	-1.0
MA2	Magadan	64.72	4	P	P	14 59 11.1	
GUN	Gumba	64.89	304	eP	P	14 34 54.3	+0.9
PKI	Pulchoki	65.17	303	eP	P	14 34 55.8	+0.7
PKIN	Pulchoki	65.18	303	eP	P	14 34 55.9	+0.8
DMN	Daman	65.43	303	eP	P	14 34 57.8	+1.1
ZAK	Zakamensk	65.47	333	eP	P	14 34 55.7	-0.6
ZAK	Zakamensk	65.47	333	eP	P	14 35 23.2	
ZAK	Zakamensk	65.47	333	eP	P	14 35 01.0	+0.7
PPT	Papeeki	66.01	107	P	P	14 35 06.2	+0.7
DANN	Dangsing	66.80	304	eP	P	14 35 06.9	-0.4
BOD	Bodaibo	67.25	343	eP	P	14 35 09.4	+0.8
MOY	Mondy	67.40	333	eP	P	14 35 12.1	-0.9
SEY	Seymchan	68.16	4	P	P	14 35 15.5	-0.1
HYBB	Hyderabad (bro)	68.36	291	eP	P	14 35 14.5	-0.7
HYBB	Hyderabad (bro)	68.36	291	eP	P	14 35 40.8	+0.2
HYBB	Hyderabad (bro)	68.36	291	eP	P	14 37 48.3	+0.9
HYBB	Hyderabad (bro)	68.36	291	eP	P	14 40 09.0	-0.1
NIKH	Nikolski High	70.17	28	P	P	14 35 24.8	-0.8
WMQ	Urumqi	70.19	320	eP	P	14 35 28.3	+2.2
WMQ	Urumqi	70.19	320	eP	P	14 35 54.5	+3.2
WMQ	Urumqi	70.19	320	eP	P	14 44 30.5	+0.6
WMQ	Urumqi	70.19	320	eP	P	14 35 29.9	-0.5
CCD	Concordia, Ant	70.94	186	P	P	14 35 33.1	+0.9
KAAM	Kaadhehdho	71.13	272	P	I/Amb	14 35 39.4	
UNV	Unalaska Valle	71.82	28	P	I/Amb	14 35 35.5	-0.1
UNV	Unalaska Valle	71.82	28	P	I/Amb	14 35 36.1	
UNV	Unalaska Valle	71.82	28	P	I/Amb	14 35 35.1	-0.5
SPIA	Saint Paul Isl	72.29	24	P	P	14 35 38.1	-0.1
AKUT	Akutan	72.34	28	P	P	14 35 38.6	-0.1
VNDA	Vanda	72.98	176	P	P	14 35 42.5	+0.4
VNDA	Vanda	72.98	176	P	P	14 35 45.1	+1.0
DGZ	Jazzator, Alta	73.21	326	iP	P	14 35 46.9	-0.8
FALS	False Pass	73.88	29	P	P	14 35 48.2	+0.5
FALS	False Pass	73.88	29	P	P	14 35 49.8	-2.2
BILL	Bilibino	74.66	9	iP	P	14 35 54.0	0.0
MK31	Makanchi Array	74.93	321	P	P	14 35 55.2	+1.1
MK31	Makanchi Array	74.93	321	P	P	14 35 54.5	+0.4
MKAR	Makanchi Array	74.93	321	P	P	14 35 54.8	+0.6
S12K	Black Hills	75.00	28	P	P	14 35 57.9	+0.5
MAKZ	Makanchi	75.13	321	P	P	14 35 59.0	+0.6
MAKZ	Makanchi	75.13	321	P	P	14 35 58.9	+0.6
SDPT	Sand Point	75.56	29	P	P	14 36 03.2	-0.6
UZB	Uzynbulak	75.64	317	eP	P	14 36 03.2	-0.6
UZB	Uzynbulak	75.64	317	eP	P	14 36 03.4	-0.5
UZB	Uzynbulak	75.64	317	eP	P	14 36 03.4	-0.5
UZB	Uzynbulak	75.64	317	eP	P	14 36 06.2	+0.1
KPKS	Kokpek	75.99	317	eP	P	14 36 07.4	+0.4
KPKS	Kokpek	75.99	317	eP	P	14 36 01.2	+0.6
SATY	Saty	76.03	317	eP	P	14 36 05.5	+1.8
KSH	Kashi	76.58	312	P	P	14 36 03.2	-0.6
ZAAO	Zalesovo Array	76.69	329	P	P	14 36 03.4	-0.5
ZALV	Zalesovo Beam	76.69	329	P	P	14 36 06.2	+0.1
ZALV	Zalesovo Beam	76.69	329	P	P	14 36 03.4	-0.5
ZALV	Zalesovo Beam	76.69	329	P	P	14 36 06.2	+0.1
NIL	Nilore	76.99	306	P	P	14 36 06.7	+0.6
NIL	Nilore	76.99	306	P	P	14 36 07.3	+0.8
NIL	Nilore	76.99	306	P	P	14 36 05.8	0.0
MDOK	Medeo	77.00	316	eP	P	14 36 06.4	+0.3
MDOK	Medeo	77.00	316	eP	P	14 36 06.7	+0.6
TNSS	Tian-Shan	77.03	316	eP	P	14 36 07.3	+0.8
TNSS	Tian-Shan	77.03	316	eP	P	14 36 05.8	0.0
CHGN	Chignik	77.05	29	P	P	14 36 06.4	+0.3
TIXI	Tiksi	77.26	355	P	P	14 36 06.1	-0.6
TIXI	Tiksi	77.26	355	P	P	14 36 10.2	+0.3
KUU	Kury	77.73	317	iP	P	14 36 11.9	-0.2
KUU	Kury	77.73	317	iP	P	14 36 15.8	+0.8
CHUR	Chirikof Island	78.19	30	P	P	14 36 13.5	-1.0
AAK	Ala-Archa	78.61	315	P	P	14 36 14.4	-0.2
P16K	Nushagak River	78.68	27	P	P	14 36 15.1	+0.4
TNA	Tin City	78.68	18	P	P	14 36 14.3	-0.5
TNA	Tin City	78.68	18	P	P	14 36 15.1	+0.4
R17K	Ugashik Creek	78.68	28	P	P	14 36 15.1	-0.2
KURK	Kurchatov	78.73	324	P	P	14 36 15.1	-0.2
KURB	Kurchatov Arra	78.73	324	P	P	14 36 15.7	-0.1
SGDS	Sogindy	78.76	316	eP	P	14 36 17.5	
SGDS	Sogindy	78.76	316	eP	P	14 36 17.5	
ANM	Nome	78.88	20	P	P	14 36 16.2	+0.4
ANM	Nome	78.88	20	P	P	14 36 15.7	-0.1

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ANM	Nome	78.88	20	P	P	14 36 16.2	+0.4
ANM	Nome	78.88	20	P	P	14 36 15.7	-0.1
ANM	Nome	78.88	20	P	P	14 36 16.0	+0.1
O16K	Kokwok River B	78.88	26	P	P	14 36 17.2	+0.4
O16K	Kokwok River B	78.88	26	P	P	14 36 16.6	-0.3
Q17K	Contact Creek	79.22	28	P	P	14 36 17.3	-0.6
SII	Sirkina Island	79.24	30	P	P	14 36 18.1	+0.2
O17K	Koliganek Bris	79.41	26	P	P	14 36 19.3	+0.5
BTLS	Baital	79.66	317	iP	P	14 36 20.9	+0.4
BTLS	Baital	79.66	317	iP	P	14 36 20.8	+0.4
BTLS	Baital	79.66	317	iP	P	14 36 20.4	-0.7
Q18K	Katmai Hardscr	79.81	28	P	P	14 36 22.0	+0.1
OHAH	Old Harbor	79.98	29	P	I/Amb	14 36 22.9	
OHAH	Old Harbor	79.98	29	P	I/Amb	14 36 21.3	-0.6
P18K	Big Mountain,	80.05	27	P	P	14 36 21.7	-0.6
KDAK	Kodiak Island	80.56	29	P	P	14 36 25.2	+0.2
KDAK	Kodiak Island	80.56	29	P	P	14 36 25.1	+0.1
KDAK	Kodiak Island	80.56	29	P	P	14 36 24.9	-0.2
Q19K	Cape Douglas,	80.56	28	P	P	14 36 25.7	-0.4
GAR	Garm	80.65	311	P	P	14 36 25.0	+0.2
SVW2	Sparrevohn	80.71	25	P	I/Amb	14 36 27.6	
SVW2	Sparrevohn	80.71	25	P	I/Amb	14 36 26.2	-0.2
O19K	Port Alsworth	80.83	26	P	P	14 36 27.4	+0.1
DZA	Taraz	80.91	315	eP	P	14 36 27.4	+0.1
DZA	Taraz	80.91	315	eP	P	14 36 27.2	-0.1
Q20K	Shuyak Island	81.01	28	P	P	14 36 27.9	+0.2
N19K	Bonanza Creek	81.05	26	P	P	14 36 27.2	-0.6
P19K	Oil Pt	81.08	27	P	P	14 36 27.9	-0.9
P19K	Oil Pt	81.08	27	P	P	14 36 29.5	-0.1
TTA	Tatalina	81.42	24	P	P	14 36 29.7	+0.1
TTA	Tatalina	81.42	24	P	P	14 36 29.5	-0.1
TTA	Tatalina	81.42	24	P	P	14 36 30.6	+0.4
L19K	White Mountain	81.53	25	P	P	14 36 29.5	-0.8
Q20K	Slope Mountain	81.54	27	P	P	14 36 30.3	-0.3
KKAR	Karatay Array	81.55	315	P	P	14 36 30.5	+0.1
KKAR	Karatay Array	81.55	315	P	P	14 36 31.8	+0.5
MI9K	Big River Lodg	81.59	25	P	P	14 36 31.8	+0.5
IUG	Iuzhnyy	81.64	314	eP	P	14 36 30.2	-0.8
IUG	Iuzhnyy	81.64	314	eP	P	14 36 31.5	-0.1
IUG	Iuzhnyy	81.64	314	eP	P	14 36 31.5	-0.1
RSO	Redoubt South	81.65	27	P	P	14 36 34.7	+2.7
HOM	Home	81.81	28	P	P	14 36 32.0	-0.3
MAW	Mawson	81.91	202	P	P	14 36 33.1	
CNPW	China Poot	81.94	28	P	I/Amb	14 36 33.2	+0.1
CNPW	China Poot	81.94	28	P	I/Amb	14 36 33.1	+0.1
CHM	Chimkent	82.00	314	eP	P	14 36 33.1	+0.1
CHM	Chimkent	82.00	314	eP	P	14 36 32.4	0.0
GCSA	Galen City Sc	82.00	314	eP	P	14 36 33.4	+0.4
L20K	Farewell, AK	82.08	24	P	P	14 36 33.8	+0.5
M20K	Styr River	82.12	25	P	P	14 36 32.8	-0.9
BRLK	Bradley Lake	82.20	28	P	I/Amb	14 36 32.6	-1.2
BRLK	Bradley Lake	82.20	28	P	I/Amb	14 36 32.7	-1.1
N20K	Mount Spurr	82.21	26	P	P	14 36 33.5	-0.5
SPCR	Spurr Chakacha	82.21	26	P	P	14 36 35.2	+0.6
BRSE	Bradley Lake S	82.26	28	P	P	14 36 35.4	+0.3
K20K	Telida	82.40	24	P	P	14 36 35.6	+0.3
CAPN	Captain Cook N	82.50	27	P	I/Amb	14 36 35.4	+0.4
CAPN	Captain Cook N	82.50	27	P	I/Amb	14 36 35.5	+0.4
CAPN	Captain Cook N	82.50	27	P	I/Amb	14 36 36.7	+0.3
J20K	Novinta River	82.75	23	P	P	14 36 37.1	+0.7
J20K	Novinta River	82.75	23	P	P	14 36 35.0	-1.0
SKT	Skwentna	82.84	25	P	P	14 36 35.2	-1.8
SKT	Skwentna	82.84	25	P	P	14 36 36.9	-0.9
PPLA	Purkeypile	82.96	24	P	I/Amb	14 36 36.8	

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Table with columns: L27K, comp, IAMB, IAMB, 14 37 01.3, 14 36 59.9 0.0, 14 37 00.1 +0.2, 14 37 01.1 +0.8, 14 37 00.9 +0.1, 14 37 01.2 +0.6, 14 37 01.4 +0.4, 14 37 01.6 +0.5, 14 37 01.2 -0.1, 14 37 02.4 +0.1, 14 37 02.5 +1.1, 14 37 03.0 +0.6, 14 37 03.2 +1.1, 14 37 03.5 +0.1, 14 37 04.1 +0.4, 14 37 04.0 +0.4, 14 37 05.3 +1.2, 14 37 05.4 +0.6, 14 37 05.3 +0.7, 14 37 05.7 +0.6, 14 37 05.6 +0.7, 14 37 05.8 +0.7, 14 37 06.3 +0.7, 14 37 06.6 +0.5, 14 37 06.8 +0.5, 14 37 07.0 +0.3, 14 37 07.3 +0.5, 14 37 07.1 +0.3, 14 37 07.6 +0.4, 14 37 07.8 +0.8, 14 37 08.2 +0.6, 14 37 08.1 +0.2, 14 37 09.8 +0.9, 14 37 10.0 +0.3, 14 37 09.9 +0.1, 14 37 09.9 0.0, 14 37 10.9 +0.6, 14 37 10.8 -0.3, 14 37 11.4 +0.4, 14 37 11.6 +0.3, 14 37 11.8 -0.1, 14 37 13.0 +0.5, 14 37 12.9 +0.2, 14 37 12.8 +0.2, 14 37 13.4 -0.2, 14 37 14.3 0.0, 14 37 14.7 0.0, 14 37 14.8 -0.3, 14 37 16.7 -0.1, 14 37 17.1 +0.2, 14 37 17.7, 14 37 17.4 +0.4, 14 37 17.6 -0.8, 14 37 19.6 +0.3, 14 37 18.9 -1.0, 14 37 19.8 +0.1, 14 37 20.8 +0.1, 14 37 21.7 +0.6, 14 37 20.5 -0.3, 14 37 22.4 +0.1, 14 37 26.2 +0.3, 14 37 32.1 +0.4, 14 37 59.6 +1.2, 14 37 37.0 +0.2, 14 37 38.6 +0.6, 14 37 39.9 +0.5, 15 13 24.1, 14 37 45.3 -0.2, 14 37 48.3 -0.2, 14 37 47.1 -1.3, 14 37 48.8 -0.6, 14 37 49.4 -0.2, 14 37 51.1, 14 37 49.5 -0.5, 14 37 52.7, 14 37 51.0 -0.8, 14 37 52.3 -0.5, 14 37 54.7, 14 37 53.7 -0.4, 14 37 53.7 -0.4, 14 37 53.7 -0.4, 14 37 53.7 -0.4

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Table with columns: CIS, Catalina Island, 99.12 57 P, Pdf, 14 37 53.9 -0.4, NVAR, Mina Array Bea, 99.19 52 P, Pdf, 14 37 54.9 +0.1, CWC, Cottonwood Cre, 99.59 54 P, Pdf, 14 37 55.4 -0.2, EDW2, Edwards Air Fo, 99.47 56 P, Pdf, 14 37 56.2 +0.3, NEW, Newport, 99.71 42 LR, LR, 15 15 43.4, LRM, Laurel Mtn Rad, 99.72 55 P, Pdf, 14 37 56.9 -0.2, BFSC, Baldy Ra, 99.75 56 P, Pdf, 14 37 57.2 -0.1, MPMC, Manual Prospec, 99.87 54 P, Pdf, 14 37 58.0 +0.2, FURC, Furnace Creek, 100.37 54 P, Pdf, 14 38 00.1 +0.4, GSC, Goldstone, Bar, 100.44 55 P, Pdf, 14 38 00.6 +0.4, PFO, Pinyon Flats O, 100.75 57 P, Pdf, 14 38 01.8 +0.1, TPO, Pion Flats, 100.76 57 P, Pdf, 14 38 01.8 +0.1, MONP, Monument Peak, 100.80 58 P, Pdf, 14 38 01.7 -0.4, HEC, Hector Ludlow, 100.83 56 P, Pdf, 14 38 01.6 -0.4, TPNV, Topogah Spring, 100.85 54 P, Pdf, 14 38 01.9 -0.2, IKP, In-Ko-Fah, Jac, 101.06 58 P, Pdf, 14 38 03.2 +0.1, BELC, Belle Mtn. Jos, 101.13 56 P, Pdf, 14 38 03.4 0.0, TUQ, Tunioise Moun, 101.16 55 P, Pdf, 14 38 04.0 +0.6, R11A, Troy Canyon, C, 101.32 52 P, Pdf, 14 38 04.2 0.0, GMRC, Granite Mounta, 101.39 56 P, Pdf, 14 38 04.3 -0.3, ELK, Elko, 101.47 50 P, Pdf, 14 38 05.2 +0.3, BC3, Big Chuckwalla, 101.59 57 P, Pdf, 14 38 05.6 +0.2, KIV, Kislovodsk, 101.68 314 eP, Pdf, 14 38 04.7 -0.8, IRM, Iron Mountain, 101.83 56 P, Pdf, 14 38 06.7 +0.3, HLD, Hailey, 101.91 47 P, Pdf, 14 38 07.2 +0.6, DUG, Dugway, Tooele, 103.36 50 P, Pdf, 14 38 13.4 +0.2, BOZ, Bozeman (W), 103.69 44 P, Pdf, 14 38 15.0 +0.5, H17A, Grant Village, 104.58 46 P, Pdf, 14 38 18.3 -0.4, WUAZ, Wupatki, 104.86 55 P, Pdf, 14 38 19.9 -0.1, PDAR, Pinedale Array, 105.52 47 Pdf, 14 38 22.4 -0.5, FINES, FINESS Array B, 107.57 34 PKIKP, 14 42 38.4 -0.4, BRTR, Kessin Array B, 108.89 310 Pdf, 14 38 36.0 -1.8, MNTX, Cornudas Mount, 110.20 58 P, PKIKP, 14 42 44.7 0.0, MDND, Maddock, 111.33 40 P, PKIKP, 14 42 46.8 +0.5, ECSD, EROS Data Cent, 114.54 44 P, PKPdf, 14 42 51.6 -1.0, WMOK, Wichita Mounta, 115.18 54 P, PKIKP, 14 42 53.0 -1.1, 833A, Chaparral WMA, 115.79 61 P, PKPdf, 14 42 55.2 -0.2, KRLC, Kralkey, 117.13 325 ePKPDF, 14 42 57.8 +0.4, KRLC, Kralkey, 117.13 325 ePKIKP, 14 42 57.8 +0.4, DPC, Dobruska-Polom, 117.26 325 ePKPDF, 14 42 58.0 +0.3, DPC, Dobruska-Polom, 117.26 325 ePKIKP, 14 42 58.0 +0.3, BRG, Berggiesshubel, 118.34 327 ePKP, 14 43 01.3 +0.4, BRG, Berggiesshubel, 118.34 327 ePKIKP, 14 43 00.0 +0.4, PRU, Pruhonice, 118.44 325 ePKPDF, 14 43 00.1 +0.2, PRU, Pruhonice, 118.44 325 ePKIKP, 14 43 00.1 +0.2, RONA, Rosalia, Austr, 118.48 323 eP, PKIKP, 14 43 00.7 +0.6, CLL, Collim, 118.63 327 ePKPdf, 14 43 00.0 -0.2, CONA, Conrad Observa, 118.64 323 eP, PKPdf, 14 42 59.1 -1.3, CKRC, Cesky Krumlov, 119.14 324 ePKPDF, 14 43 01.9 +0.6, JFWJ, Jewell Farm, 119.19 43 P, PKIKP, 14 43 00.6 -1.0, MIAR, Mount Ida, 119.40 53 P, PKPdf, 14 43 01.6 -0.5, KHC, Kasperske Hory, 119.41 325 ePKPDF, 14 43 02.3 +0.4, KHC, Kasperske Hory, 119.41 325 ePKIKP, 14 43 02.3 +0.4, GERES, GERESS Array B, 119.48 325 PKP, 14 43 02.1 0.0, SOKA, Soboth, 119.71 322 eP, PKPdf, 14 43 01.5 -1.1, BIOA, Bad Ischl, Aus, 120.08 323 eP, PKPdf, 14 43 02.8 -0.3, CCM, Cathedral Cave, 120.18 49 P, PKPdf, 14 43 03.3 -0.3, HDIL, Hopedale, 120.73 45 P, PKPdf, 14 43 04.2 -0.4, ABTA, Abtattersbach, 121.20 323 eP, PKPdf, 14 43 04.5 -0.9, WATA, Walderalm, 121.47 324 eP, PKPdf, 14 43 05.8 -0.2, MOTA, Moosalm, 121.74 324 eP, PKPdf, 14 43 06.0 -0.5, SOTA, Sankt Quirin, 121.74 324 eP, PKPdf, 14 43 06.1 -0.4, RETA, Reutte, 121.86 324 eP, PKPdf, 14 43 06.5 -0.1, FETA, Feichten, 122.12 324 eP, PKPdf, 14 43 07.0 -0.3, SFIN, Lafayette, 122.35 45 P, PKPdf, 14 43 07.2 -0.4, DAVA, Damuels, 122.48 325 eP, PKIKP, 14 43 08.0 -0.1, VBMS, Vicksburg, 122.49 55 P, PKPdf, 14 43 07.5 -0.7, MEM, Membach, 122.68 330 dPKP, 14 43 07.6 -0.4, BCLA, Clavier, 123.15 330 dPKP, 14 43 09.0 -0.1, WLF, Walferdange, 123.17 329 dPKP, 14 43 10.2 +1.0, RCHB, Rochefort, 123.35 330 dPKP, 14 43 08.9 -0.3, BMRD, Maredous, 123.49 330 dPKP, 14 43 10.0 +0.2, SNF, Sankt Quirin, 123.60 330 dPKP, 14 43 10.3 +0.3, Q48B, Farmland, 123.75 44 P, PKPdf, 14 43 07.7 -0.7, WCI, Wyandotte Cave, 123.76 47 P, PKPdf, 14 43 09.9 -0.5, P49A, Miami Univ. Ec, 124.36 45 P, PKPdf, 14 43 11.4 -0.1, PLCA, Paso Flores, 124.46 148 PKP, 14 43 12.5 +0.3, SCHO, Schefferville, 124.55 21 PKP, 14 43 10.4 -1.1, LRAL, Lakeview Retre, 125.08 53 P, PKPdf, 14 43 12.3 -0.8, ACSO, Alum Creek Sta, 125.26 43 P, PKPdf, 14 43 12.6 -0.6, SADO, Sadowa, 125.44 37 PKP, 14 43 12.6 -0.9, P52A, Corning, 125.51 44 P, PKPdf, 14 43 14.3 -0.6, M53A, WI Miller and, 126.23 41 P, PKPdf, 14 43 14.5 -0.6, TZTN, Tazewell, 126.44 48 P, PKPdf, 14 43 15.5 -0.2, O53A, Philadelph, 126.45 42 P, PKPdf, 14 43 15.2 -0.4, TKL, Tuckaleechee C, 126.62 49 PKP, 14 43 15.2 -0.9, LONY, Lake Ozonia, 126.18 35 P, PKPdf, 14 43 18.6 -0.1, TIGA, Tifton, 128.33 54 P, PKPdf, 14 43 19.1 -0.3, BLA, Blacksburg, 128.41 45 P, PKPdf, 14 43 19.5 0.0, SSPA, Standing Stone, 128.45 40 P, PKPdf, 14 43 19.3 -0.1

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Table with columns: baz=302, KMSC, Kings Mountain, 128.66 48 P, PKPdf, 14 43 19.7 -0.2, BINY, Binghamton, 128.78 38 P, PKPdf, 14 43 20.1 +0.1, LBNH, Lisbon, 129.89 33 P, PKPdf, 14 43 22.2 +0.2, PKME, Peaks-Kenny Pk, 130.60 31 P, PKPdf, 14 43 23.1 -0.1, L61B, Northampton, 130.60 36 P, PKPdf, 14 43 22.5 -0.9, PAL, Palisades, 130.75 38 P, PKP, 14 43 23.2 -0.5, ESDC, Souda Array, 135.07 325 SKPbc, SKPbc, 14 46 55.7 +1.9, CBOC, Ciudad Bolivar, 140.17 87 eP, PKPrpe, 14 43 35.3, GUY2C, Guyana, Caldas, 140.80 88 eP, PKPdf, 14 43 41.4 -2.3, ORTC, Ortega, Tolima, 140.86 90 eP, PKPrpe, 14 43 35.3, NORC, Norcasia, 141.30 86 eP, PKPrpe, 14 43 37.4, ZARC, Zaragoza, Cauca, 141.31 84 eP, PKPrpe, 14 43 37.4, ROSC, El Rosal, 141.83 89 PKHKP, 14 43 42.0, TORO, Torodi Arr, Bea, 141.98 285 PKHKP, PKPrpe, 14 43 39.6, TORO, Torodi Arr, Bea, 141.98 285 PKHKP, SKPKP, 14 47 15.6 +0.1, BRRR, Barranca, Sant, 142.46 85 eP, PKPdf, 14 43 43.4 -2.7, CPUP, Villa Florida, 142.52 148 PKHKP, PKPrpe, 14 43 39.1, BARC, Barichara, 142.99 86 eP, PKPrpe, 14 43 39.4, RUSC, La Rusia, 143.08 87 eP, PKPrpe, 14 43 43.4 0.0, PAMC, Pamplona, Colo, 143.46 85 eP, PKPrpe, 14 43 43.4 -5.5, TAMC, Tame, Arauca, 144.37 86 eP, PKPrpe, 14 43 35.5 -2.4, SDV, San Domingo, 145.43 82 PKPbc, PKPbc, 14 43 51.7 +0.1, SJG, San Juan, 147.84 64 PKPbc, PKPbc, 14 43 57.4 -0.8, KIC, Kusan Boka, 148.88 274 ePKP1, 14 44 01.4 +0.3, DBIC, Dimbokro, 148.99 274 PKPbc, PKPbc, 14 44 01.9 +0.5, TIC, Toumou, 149.15 274 ePKP1, 14 44 02.3 +0.5, LIC, Lamto, 149.16 274 ePKP1, PKPbc, 14 44 02.0 +0.2, BDFB, Brasilia, 156.19 150 PKP, PKPdf, 14 44 08.4 +0.5, SKHL 28 14:24:33.6 0.6, 44:90N:151:10E, h54km, mb4.6/2, IDC 28 14:24:35.1 3.2, 46:68N:149:93E, h154km, mb3.0/5, mbmp3.6/9, Error ellipse: s-maj=91.2km s-min=18.9km az=138.0, JMA 28 14:24:35.9 0.7, 46:68N:151:10E, h165km, MV4.0/11, KURILE ISLANDS REGION, ISC 28 14:24:32.2 0.9, 45:68N:02:150:7E:0.1, h150km, n21, e239.30, mb3.2/5, Kuril Islands, Code, Station Name, A° AZ', Phase ID, Time Res, ISC h m s ISC, KUR, Kuril'sk, 2.01 261 Op, Pn, 14 25 09.3 +1.9, KUR, Kuril'sk, 2.01 261 AMB, A, 14 25 10.8, KUR, 60nm,0.4s, eS, A, 14 25 36.5 +2.1, KUR, 290nm,0.4s, eS, A, 14 25 40.1, KUR, 210nm,0.4s, eS, A, 14 25 40.1, YUK, Yuzh-Kuril'sk, 3.77 247 iP, Pn, 14 25 31.6 +2.3, YUK, Yuzh-Kuril'sk, 3.77 247 AMB, A, 14 25 32.4, YUK, 90nm,0.4s, eS, A, 14 26 14.8, YUK, 90nm,0.4s, eS, A, 14 26 17.8, NEM2, Nemuro 2, 4.18 239 P, Pn, 14 25 35.9 +1.2, NEM2, Nemuro 2, 4.18 239 eS, Pn, 14 25 27.7 -0.6, NMR, Nemuro-Hokkai, 4.18 240 iP, Pn, 14 25 46.8 +1.0, NMR, Nemuro-Hokkai, 4.18 240 iS, Pn, 14 26 22.4 -1.0, JRA, Rausu, 4.29 249 eP, Pn, 14 25 37.9 +1.8, JNK, Nakashi, 4.72 247 eP, Pn, 14 25 43.2 +1.5, JAK, Akashi, 5.01 241 eP, Pn, 14 25 46.7 +0.9, JOB, Onbets, 5.60 244 eP, Pn, 14 25 54.7 +1.1, JOB, Onbets, 5.60 244 eS, Pn, 14 25 56.1 -1.0, JKK2, Kamakawa 2, 5.91 256 eP, Pn, 14 25 58.2 +0.6, ASAJ, Asahikawa, 5.93 258 eP, Pn, 14 25 58.3 +0.4, ASAJ, 9.2nm,0.6s, baz=68, slow=8.4, SNR=13, S, 14 27 00.2 -4.7, JCH, Churui, 6.05 243 eP, Pn, 14 26 00.3 +0.8, JCH, Churui, 6.05 243 eS, Pn, 14 27 05.2 -2.6, JNK, Urakawa-nobuka, 6.61 243 eP, Pn, 14 26 06.4 -0.4, JANG, Nango, 6.85 235 eP, Pn, 14 26 18.4 -2.8, JANG, Nango, 6.85 235 eS, Pn, 14 26 31.3 -1.0, JANG, Nango, 6.85 235 eS, Pn, 14 27 59.4 -7.3, PETK, Petropavlovsk-8, 8.80 29 P, Pn, 14 26 30.0 -6.1, MJAR, Matsuyiro Arr, 13.04 230 P, Pn, 14 27 05.2 -2.6, KRSR, Korea Array, 18.84 252 P, Pn, 14 27 18.4 -2.8, ILAR, Eielson Array, 38.50 38 P, Pn, 14 31 37.0 -2.3, INK, Inuvik, 43.52 32 P, Pn, 14 32 18.2 -2.0, INK, Inuvik, 43.52 32 PKP, 14 32 18.2 -2.0, YKA, Yellowknife Ar, 52.85 35 P, 14 33 30.4 -1.5, PDAR, Pinedale Array, 66.79 52 P, 14 35 08.2 +0.6, TXAR, Lajitas Array, 79.53 59 P, 14 36 23.8 +1.3, MOS 28 14:25:49.5 1.0, 36:10N:69:91E, h116km, mb4.9/32, Error ellipse: s-maj=5.3km s-min=3.4km az=85.3, BUJ 28 14:25:49.1 0.0, 36:10N:69:95E, h91km, mb4.4/23, JAK, 14 26 22.2 -1.0, IDC 28 14:25:50.1 2.2, 36:10N:69:89E, h113km, mb4.4/36, mbmp4.8/42, MS3.8/5, Error ellipse: s-maj=12.7km s-min=8.7km az=168.0, ISC-EH 28 14:25:50.5, 36:08N:69:94E, h116km, mb4.9, Error ellipse: s-maj=2.7km s-min=2.5km az=174.0, NEIC 28 14:25:51.1 2.2, 36:09N:0:05:69:82E:0:08, h118km, mb4.9/39, Error ellipse: s-maj=9.4km s-min=7.6km az=108.0, ISC 28 14:25:49.5 1.0, 36:08N:0:04:69:90E:0:03, h107km, mb4.9, h105km, pp-P, n414, e1865/433, mb4.8/91, 14C-14D, Hindu Kush region, Code, Station Name, A° AZ', Phase ID, Time Res, ISC h m s ISC, KBL, Kabul, 1.68 205 Pn, Pn, 14 26 20.6 +2.0, KBL, Kabul, 1.68 205 Pn, Pn, 14 26 20.6 +2.0, CHGR, Chuyangaron, 2.64 347 Pn, Pn, 14 26 31.8 +0.8, CHGR, Chuyangaron, 2.64 347 Pn, Pn, 14 26 31.8 +0.8, SIMJ, Simiganj, 2.67 343 Pn, Pn, 14 26 31.9 +0.8, CEP, Cherat, 2.79 143 Pn, Pn, 14 26 36.3 +3.5, GAR, Garm, 2.94 6 Pn, Pn, 14 26 36.1 +1.4, THW, Thamme Wali, 3.61 154 P, Pn, 14 26 44.9 +1.2, NIL, Nilore, 3.67 130 Pn, Pn, 14 26 46.9 +2.5, NIL, Nilore, 3.67 130 Pn, Pn, 14 26 47.2 +2.4, NIL, Nilore, 3.67 130 Pn, Pn, 14 26 46.5 +2.5, CHCP, Chirah Chowk, 3.67 130 Pn, Pn, 14 26 46.8 +2.4, SARP, Sardogha, 4.74 150 Pn, Pn, 14 26 59.4 +0.6, TAS, Tashkent, 5.26 355 Pn, Pn, 14 27 06.8 +0.9, TAS, Tashkent, 5.26 355 Pn, Pn, 14 27 06.8 +0.9, JMU, Jammu, 5.32 128 eS, Pn, 14 27 08.1 +1.4, KSH, Kashi, 5.91 53 P, S, 14 27 13.5 -1.2, KSH, Kashi, 5.91 53 P, S, 14 28 13.8 -7.4, KSH, comp=N,3um,0.9s, smax, smax, KSH, comp=E,1um,0.9s, smax, smax, THN, Thein Dam, 6.03 125 eP, Pn, 14 27 18.5 +2.2, THN, Thein Dam, 6.03 125 eS, Pn, 14 28 24.6 +0.6

28d 14h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MORH Mray, Hungary; KVOH Kovagotots; JAVC Velka Javorina; etc.

2016 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TIXI Tiksi; SENIN Lac Lenin/Sane; SP40 Spitsbergen Ar; etc.

2056

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like JDC 28 14:35:33.6; INET 28 14:35:35.0; SNET 28 14:35:35.9; etc.

2057

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pawnee Station, Cape Girardeau, Nelsons Funny, etc.

ANF 28 14:40:12.1±0.8, 38°29'N, 118°79'W, h6km, 3km, ML3.5/13, Error ellipse: s-maj=4.6km s-min=2.6km az=133.0

REN 28 14:40:12.2±1.7, 38°29'N, 0°00'118.82W, 0°01, h7km, 4km, ML3.5/19, ML3.4/48(NEIC), Error ellipse: s-maj=1.9km s-min=0.8km az=121.0

NCEDC 28 14:40:12.4, 38°30'N, 118°81'W, h9km, NEIC 28 14:40:12.5±1.3, 38°29'N, 0°01:118.81W, 0°01, h8km, 5km, Error ellipse: s-maj=1.7km s-min=1.5km az=120.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TVH1, TVH1, Little Huntoon, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Poleta Canyon, Kaiser Creek, DSP, etc.

IDC 28 14:48:50.5±1.1, 36°79'N, 140°65'E, h0km, mb3.5/6, mbmp3.5/7, ML3.3/1, Error ellipse: s-maj=24.1km s-min=15.6km az=166.0

JMA 28 14:48:52.1±0.0, 36°87'N, 0°08:140°7E, 0°2, h5km, Mv3.4/20, NORTHERN IBARAKI PREF, Mv1.4/1, J1, NORTHERN IBARAKI PREF, Error ellipse: s-maj=1.7km s-min=1.5km az=166.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFDD, JHO, JHO, etc.

28d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, Alice Springs, TXAR, etc.

REN 28 15:01:21.1±1.2, 38°38'N, 0°01:118.92W, 0°01, h8km, 4km, ML2.7/20, ML2.6/39(NEIC), Error ellipse: s-maj=1.7km s-min=1.6km az=72.0

NEIC 28 15:01:21.4±1.2, 38°38'N, 0°00:118.93W, 0°01, h10km, 2km, Error ellipse: s-maj=2.0km s-min=1.0km az=122.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TVH1, TVH1, Little Huntoon, etc.

IDC 28 15:09:34.5±3.4, 10°98'S, 161°37'E, h0km, mb3.6/3, mbmtmp3.7/4, ML4.6/1, Error ellipse: s-maj=65.5km s-min=32.2km az=84.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR, Honiara, etc.

WRA Warramunga Arr 27.52 248 P 15 15 23.2 ±0.5

NEIC 28 15:14:31.2±1.3, 6°05'S, 178°40'W, h548km, 29km, mb3.4/7, mbmtmp3.3/8, Error ellipse: s-maj=69.5km s-min=19.9km az=144.0

ISC 28 15:14:30.8±0.8, 20°65'N, 178°40'W, 0°1, h550km, n33, 0°070/34, mb4.3/15, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF, Nonsavu, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WNT Mingjian, WNT Sun Moon Lake, WNT Shilin, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like YM01, NWF Wu-fen Shan, SX11 Grass Mountain, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TVH1 TV Hill, TVH1 Little Huntoon, LUL Lundy Lake, etc.

28d 16h

comp=E,0.3nm,0.5s
YKA Yellowknife Ar 24.32 5 P 16 33 40.6 +1.4
comp=E,0.3nm,0.7s,baz=190,slow=9.2,SNR=6.4
comp=E,0.3nm,0.7s

JMA 28 16:31:35.4-0.6,23°N±2'x12°1'E±',h0km,TAIWAN REGION
TAP 28 16:31:36.3±1.2,23°12'N±120.77'E±h6km,ML3.6,B
ISC 28 16:31:36.3±1.0,23.08°N±0.01°120.82°E±0.01°,h2km±gkm,
n158,±1°02'23.31C-18D,Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h m s, ISC. Lists various stations like STYH, STYT, SLGT, etc.

2016 DEC

Main table with columns: WDLH, WSSB, WSSB, TSCK, HGSD, HGSD, WSL, EAST, SSSL, SSSL, SSSL, WTK, TAW, LDUT, SCZT, VWDI, WWS, WWS, WWS, SMLT, SMLT, WNT, WNT, EGFH, TYC, TYC, WNT1, TWP, SLIU, WYL, WYL, WMLT, WRL, WRL, ESL, ESL, WPL, WPL, WUSB, WUSB, DPDB, WWF, WWF, WCS, WCHI, CHGB, CHGB, SMST, SMST, TEYL, TCU, TCU, ETM, ETM, HEN, WDG, WDG, WHF, WHF, WHF, TWK1, TWK1, TWK1, HWA, TSEB, WHP, WHP, TDCB, TDCB, TDCB, TWT, PHUB, PHUB, FUSF, FUSF, TWD, PNG, PNG, TWT1, TWT1, WDJ, WDJ, WDJ, ETLL, VCHM, VCHM. Lists various stations and their coordinates.

2060

Table with columns: VCHM, LYUB, NACB, NACB, NACB, ETL, NSY, NSY, NNSB, NNSB, NNSH, NNS, NNS, NMLH, NSTT, LIOB, NFF, ENA, LATG, LATG, NJN, EWUT, YHNB, YHNB, YHNB, NSK, NSK, ENTT, ENTT, HSN1, SBCB, NDS, TWC, TWC, NWL1, TWE, TWE, FUSB, FUSB, NHDH, TATO, TWA, TWST1, TIPB, TIPB, NWF, WFSB, YM01, ANP, TWB1, YM08, SX11, SX11, VVUC, TWY, PTMZ, KNM, KNMB, IRIF, JKRS, MATB, AXDP, DSXP, JJJ, MHZO, JISG, LYJJ, XPSS, SXFK, Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h m s, ISC. Lists various stations and their coordinates.

NOU 28 16:36:52.4,34°84'S±178°67'W,h205km,mb4.2/6, South of
Kermadec Islands
WEL 28 16:37:46.7,38°S±17°17'8"E±,h51km,13km,M2.8/43,
ML2.9/34,MLV2.8/43, Error ellipse: s-maj=0.0km
s-min=0.0km az=169.8
ISC 28 16:37:13.8±16.0,36.0S±0.9°179.7E±0.8,h196km±52km,
n80,±0°65'73, Off east coast of North Island

28d 17h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes entries for MKAR Makanchi Array, TORD Torodi Ar. Bea, and WRA Warramunga Arr.

IDC 28 17:36:35.1.5.2, 29'23"N, 93'76"E, h0km, mb3.2/3, mbtmp3.2/3, Error ellipse: s-maj=42.1km s-min=31.2km az=60.0, Myanmar-India border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes entries for JHO Hitachi, JHYU Hitachinakayama, WRA Warramunga Arr, and ASAR Alice Springs.

IDC 28 17:37:40.1.1.4, 36'57"N, 140'59"E, h0km, mb3.4/4, mbtmp3.5/5, ML3.1/1, Error ellipse: s-maj=22.7km s-min=17.6km az=17.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, and H03N2 Juan Fernandez.

IDC 28 17:49:09.9.1.8, 5'86"S, 154'00"E, h0km, mb3.8/4, mbtmp3.8/6, ML2.0/2, MS3.0/3, Error ellipse: s-maj=47.9km s-min=27.3km az=107.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes entries for KRVT Keravat, PMG Port Moresby, WRA Warramunga Arr, and ASAR Alice Springs.

2016 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes entries for WSAR Wadi Sarin, CMAR Chiang Mai Arr, KAPI Kappang, and WRA Warramunga Arr.

ANF 28 17:56:58.9.0.2, 34'13"N, 116'71"W, h13km, 1km, ML.4.3/4Z, ML.4.3/4Z, Error ellipse: s-maj=1.3km s-min=1.1km az=61.0

PAS 28 17:56:59.8.1.1, 34'15"N, 116'00"E, h13km, 1km, ML.4.3/4Z, ML.4.3/4Z, Error ellipse: s-maj=1.3km s-min=1.2km az=194.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes entries for BBRC Big Bear Solar, DEVC Devers, SIL Silver Peak, and BLAC Blackrock Camp.

IDC 28 17:56:59.4.0.7, 34'14"N, 116'59"W, h0km, mb3.2/2, mbtmp3.2/2, ML3.3/5, MS3.1/3, Error ellipse: s-maj=15.0km s-min=4.9km az=80.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, and H03N1 Juan Fernandez.

IDC 28 17:51:58.9.2.3, 29'85"S, 153'88"E, h0km, mb3.8/5, mbtmp3.6/6, ML3.3/1, MS3.5/7, Error ellipse: s-maj=85.4km s-min=32.2km az=41.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes entries for OPO Ambohadratempo, H08S1 Diego Garcia H, H08S2 Diego Garcia H, and H08S3 Diego Garcia H.

2062

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes entries for ELS comp=N, 4um, 0.8s, CTCS Cactus City, and BFSC Mount Baldy Ra.

ANF 28 17:56:58.9.0.2, 34'13"N, 116'71"W, h13km, 1km, ML.4.3/4Z, ML.4.3/4Z, Error ellipse: s-maj=1.3km s-min=1.1km az=61.0

PAS 28 17:56:59.8.1.1, 34'15"N, 116'00"E, h13km, 1km, ML.4.3/4Z, ML.4.3/4Z, Error ellipse: s-maj=1.3km s-min=1.2km az=194.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes entries for BBRC Big Bear Solar, DEVC Devers, SIL Silver Peak, and BLAC Blackrock Camp.

IDC 28 17:56:59.4.0.7, 34'14"N, 116'59"W, h0km, mb3.2/2, mbtmp3.2/2, ML3.3/5, MS3.1/3, Error ellipse: s-maj=15.0km s-min=4.9km az=80.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, and H03N1 Juan Fernandez.

IDC 28 17:51:58.9.2.3, 29'85"S, 153'88"E, h0km, mb3.8/5, mbtmp3.6/6, ML3.3/1, MS3.5/7, Error ellipse: s-maj=85.4km s-min=32.2km az=41.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes entries for OPO Ambohadratempo, H08S1 Diego Garcia H, H08S2 Diego Garcia H, and H08S3 Diego Garcia H.

2063

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like V12A Nelson, V12A comp=E,532nm,0.4s, V12A comp=N,1.1um,0.9s, etc.

2016 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like PV23 Carpenter Ridge, PV03 Paradox Valley, PV11 David Mesa, Pa, etc.

28d 18h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like SPR3 Spring Creek 3, ELK Elko, ELK comp=E,7.0nm,0.7s, etc.

2065

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, LEM Lambang, MKAR Makanchi Array, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like KNT comp=E,116um,0.9s, KNT comp=N,171um,0.7s, AGG Agios Georgios, etc.

28d 20h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SONM Sogingo Array, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

28d 21h

Table of astronomical observations for 28d 21h, listing station names, coordinates, and observation details.

2016 DEC

Table of astronomical observations for 2016 DEC, listing station names, coordinates, and observation details.

2068

Table of astronomical observations for 2068, listing station names, coordinates, and observation details.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like K27K Chicken, EGAK Eagle, EGAK comp=Z,8.7m,1.4s, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like K20K Telida, O17K Kollganeq Bris, J20K Nowinta River, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PB12 IOPC Station P, PB10 IOPC Station P, BBSO Serra de San D, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VTYM, ZUMPANGO, ACIC, etc.

0.2mm/3um/39mm, 0.6s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PBSI, CNJI, LEM, etc.

WEL 29 02:34:00, 41:55S; 174:46E, h15km, ML5.5, Mw5.3, Moment Tensor Solution. s11 Moment tensor: Scale 1017Nm; Mn:0.08; Mw:0.97; Ms:1.05; Mv:0.16; Mw:0.08; Mv:0.32; Fault plane solution: M1:0.7000x10^17 NP1: 0.312.00000; 0.72.00000; -2.2.00000. NP2: 0.43.00000; 0.88.00000; -1.62.00000. Principal axes: T 10029.47000, P1g11.00000, Azm176.00000; N 1302.2200, P1g72.00000, Azm49.00000; P -11331.7000, P1g14.00000, Azm269.00000;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC, CMWZ, etc.

INZ Inchbonnie 251 243 P Pn 02 35 137 +0.3

29d 2h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like INZ, WRVZ, AKCZ, etc.

2016 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TBI, QIS, VNSA, etc.

2016

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SNA, SNA, SNA, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like GAR Garm, KURK Kurchatov, KURK Kurchatov, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like CLL comp=Z,6.0nm,1.3s, CKRC Gesk Krumlov, SOKA Soboth, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like MJAR Matsushiro Arr, USRK Ussuriysk Arr, USRK Ussuriysk Arr, etc.

WEL 29:02:41:24.5,42 S,2.174E, h14km,5km,M3.3/15, ML3.5/14,MLV3.3/15, Error ellipse: s-maj=0.0km s-min=0.0km az=114.8, confirmed, Cook Strait

WEL 29:02:56:26.6,42 S,2.174E, h10km,4km,M3.8/13, ML4.1/13,MLV3.8/13, Error ellipse: s-maj=0.0km s-min=0.0km az=113.0, confirmed

NOU 29:02:56:26.3,41.765S,174.52E, h2km,MLV4.0/11, Cook Strait, New Zealand

IDC 29:02:56:29.7,1.9,41.31S,173.43E, h0km,mb3.5/2, mbmp3.6/10,ML2.9/22, Error ellipse: s-maj=42.3km s-min=32.2km az=138.0

ISC 29:02:56:27.1,0.9,41.63S,173.003E, h26km,7km, n125, e1549/130, Cook Strait

IDC 29:02:46:10.3,0.9,37.19N,141.38E, h0km,mb3.6/8, mbmp3.6/10,ML2.7/2,MS3.5/8, Error ellipse: s-maj=25.3km s-min=22.6km az=86.0

JMA 29:02:46:12.0,2.0,37.3N,141.4E,0.9, h24km,1km, MV3.8/39, E OFF FUKUSHIMA PREF

NIED 29:02:46:12.2,37.27N,141.40E, h24km,MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mm-1.24; Mw0.47; Mw0.77; Mw0.20; Mw0.52; Mw0.15;

ISC 29:02:46:10.6,1.9,37.24N,141.418E, h3km,11km, n33, e086/30, mb3.7/8,MS4.3/6D, Near east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, Time Res, and other technical details. Includes stations like JFK Jwakauchi, JFK Iwakimizuishi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MCHZ McNeill Hill, KATZ Kakaramea, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NMEZ Namu Road, KHEZ Kahui Hut, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FINES FINESS Array B, PDAR PDR1, etc.

WEL 29 03:00:00, 41.54S; 174.43E, h21km, ML4.7, Mw4.4, Moment Tensor Solution, s4 Moment tensor, Scale 1015 Nm; Mn:3.78; Msh:1.57; Msh-5.34; Msh-3.08; Msh-0.58; Mw:1.00; Fault plane solution: Ms:7.8000x1015 NP1: 0.336.00000; 0.46.00000; 0.41.00000; NP2: 0.155.00000; 0.62.00000; 0.129.00000; Principal axes: T 596.7300; Plg5.0000; Azm175.0000; N -38.23000; Plg33.0000; Azm14.0000; P -558.4400; Plg9.0000; Azm279.0000

IDC 29 03:00:16.9.0.8, 41.39S; 174.32E, h0km, mb4.4/3, mbmp4.4/5, ML4.1/2, MS3.7/3 Error ellipse: s-maj=26.6km s-min=22.4km az=116.0

NOU 29 03:00:19.3, 41.77S; 174.62E, h11km, MLv4.9/17, Cook Strait, New Zealand

NEIC 29 03:00:20.6.1.5, 41.63S; 0.03:174.46E; 0.04, h25km, 5km, mb4.5/7, Mw4.4/1, Error ellipse: s-maj=5.1km s-min=3.6km az=152.0, Moment Tensor Solution, Moment tensor, Scale 1015 Nm; Mn:3.02; Msh:1.43; Mw:1.45; Msh-1.13; Msh-1.58; Fault plane solution: Ms:4.63000x1015 NP1:0.329.70000; 0.42.40000; 0.41.60000; NP2:0.206.45000; 0.63.41000; 0.124.33000; Principal axes: T 4.4756; Plg57.0000; Azm164.0000; N 0.2998; Plg30.0000; Azm5.0000; P -4.7753; Plg12.0000; Azm272.0000

ISC 29 03:00:20.7.0.8, 41.63S; 0.03:174.44E; 0.02, h26km, 5km, n133, 01905/148, mb4.5/7, MS3.6/3, Cook Strait

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMWZ Cape Campbell, SNZC South Karori, etc.

IDC 29 03:02:03.1, 0.8, 20.84N; 144.64E, h0km, mb3.9/10, mbmp3.9/10, Error ellipse: s-maj=36.7km s-min=20.9km az=100.0

ISC 29 03:02:08.4, 0.9, 20.80N; 144.6E; 0.35, h3km, n16, 05811/10, mb3.8/10, Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H1S13 WAKE ISLAND Hy, H1S11 WAKE ISLAND Hy, etc.

SOME 29 03:19:50.6, 40.00N; 170.82E, h0km, KRNET 29 03:19:50.1, 0.1, 39.88N; 170.80E, h11km, mb3.6

ISC 29 03:19:51.2, 39.97N; 170.76E, h7km, NNC 29 03:19:54.6, 1.2, 40.10N; 170.87E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=10.2km s-min=5.6km az=177.0

ISC 29 03:19:52.6, 0.8, 39.90N; 170.85E; 0.02, h10km, n53, 0228/92, 32C-17D, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BTK Batken, MINT Mingut, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MBWA Marble Bar, TROLL Troll, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GSPA South Pole Qui, MBWA Marble Bar, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BTK Batken, MINT Mingut, etc.

IDC 29 03:02:08.4, 0.9, 20.80N; 144.6E; 0.35, h3km, n16, 05811/10, mb3.8/10, Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H1S13 WAKE ISLAND Hy, H1S11 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H1S13 WAKE ISLAND Hy, H1S11 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BTK Batken, MINT Mingut, etc.

29d 4h

mbtmp3.3/8, Error ellipse: s-maj=36.0km s-min=20.1km az=16.0

ISC 29 04:22:02.0-0.9,56.66N,0.06-156.23W,0.04, h6km,11km,n40,1955/43,mb3.4/5,Alaska Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

2016 DEC

Main table listing seismic events with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes event details like magnitude, depth, and location.

2080

Table listing seismic stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists station identifiers and their recorded data.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Chiang Mai Arr, Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Tsumeb, Sutherland, Sonseca Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Zalesovo INFRA, Zalesovo Beam, Kurchatov Arra, etc.

29D 8h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like ABKAR, GYET, L19K, etc.

SNET 29 07:19:03.3±1.1, 13.88N±.91°20'W, h17km±8km, ML3.6
CGG 29 07:19:07.7±0.6, 14.14N±.91°26'W, h49km±21km, MD3.4
ISC 29 07:19:03.2±2.5, 13.77N±0.1±.913W±0.1, h35km±n15,
±0558/19, 1D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like SULM, FUG, PCG, etc.

JMA 29 07:55:55.5±0.2, 23.2N±0.7±121.5E±0.9, h6km, MV3.6/11,
TAIWAN REGION
IDC 29 07:55:55.1±1.2, 23.01N±.121.52E, h0km, mb3.6/8,
mbmp3.6/9, MS4.2/2, Error ellipse: s-maj=73.6km
s-min=20.6km az=66.0
TAP 29 07:55:57.2±2.3, 18N±.121.33E, h12km, ML3.8, hC
ISC 29 07:55:56.7±0.8, 23.15N±0.01±121.45E±0.02, h14km±5km,
n128, ±162/186, mb3.5/8, 24C-2D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like CHKT, EDH, EHD, etc.

2016 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like ECL, TPUB, WHYT, etc.

2084

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like WSF, WCHH, WRL, etc.

29d 8h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like AC02 Maricunga, LPAZ La Paz, AC05 El Transito, etc.

2016 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like V52A Sevierville, U54A Nelsons Funny, PLAL Pickwick Lake, etc.

2086

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SONM, PZH, ROM, T1216, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various radio stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various radio stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various radio stations.

29d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WACZ Wakantu South, CMWZ Cape Campbell, etc.

IDC 29 09:16:32.5±7.5, 6.48S:130.14E, h144km, 77km, mb3.4/1, mbtmp3.4/3, Error ellipse: s-maj=125.1km s-min=23.4km az=73.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

NNC 29 09:21:01.0±4.2, 54.12N:87.06E, h0km, mb3.1, mpv3.0, Error ellipse: s-maj=42.9km s-min=20.3km az=12.0, Suspected Mining explosion

IDC 29 09:21:05.5±2.3, 54.11N:0.186.6E:0.2, h0km, mb3.1, mpv3.0, ML3.0/3, Error ellipse: s-maj=19.6km s-min=12.9km az=65.0

IDC 29 09:21:05.2±3.3, 54.11N:0.186.6E:0.2, h0km, mb3.1, mpv3.0, 7C-1D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, etc.

IDC 29 09:36:50.2±1.7, 29.53N:42.73W, h0km, mb3.5/9, mbtmp3.5/9, MS3.6/23, Error ellipse: s-maj=60.8km s-min=20.2km az=6.0

IDC 29 09:36:51.7±1.5, 29.53N:0.442.7W:0.1, h10km, n3.0, s=877.9, mb3.5/9, MS3.6/23, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SJG San Juan, BBTS Babate, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SCHO Schefferville, SADO Sadowa, SDV Santo Domingo, etc.

BUL 29 09:49:19.3±0.7, 17.87S:27.50E, h10km, MD4.1, Zimbabue

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like LSZ Lusaka, MUSN Musina, MOPA Mopani, etc.

IDC 29 10:08:34.1±1.8, 10.87S:161.26E, h0km, mb3.9/5, mbtmp3.9/6, ML2.7/1, Error ellipse: s-maj=45.8km

IDC 29 10:08:37.9±1.3, 11.00S:0.216.13E:0.3, h28km, n7, s=1319.1, mb3.9/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like HNR Honiara, DZM Mont Dzumac, WRA Warramunga Arr, etc.

IDC 29 10:43:19.6±4.1, 4.46S:152.14E, h0km, mb3.1/2, mbtmp3.1/2, Error ellipse: s-maj=174.6km s-min=54.0km az=119.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr, etc.

NNC 29 10:45:51.5±1.0, 37.99N:72.00E, h0km, mb3.6, mpv3.2, 1C-5D, Error ellipse: s-maj=91.9km s-min=66.3km az=172.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AML Almayashu, UCH Uchtor, EKS2 Erkin-Say, etc.

2088

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KK31 Keramat Array, CHMS Chumshy, etc.

IDC 29 10:57:10.4±2.8, 5.47S:153.91E, h50km, 22km, mb3.8/9, mbtmp4.1/12, ML3.3/3, MS3.4/4, Error ellipse: s-maj=28.3km s-min=13.4km az=70.0

IDC 29 10:57:12.9±0.9, 5.46S:10.08E:153.8E:0.1, h74km, n18, s=996.17, mb3.8/8, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KRVT Keravat, PMG Port Moresby, CTA Charters Tower, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WHVZ, DRZ, TRVZ, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ASAR, Alice Springs, SBA, Scott Base, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AC06, AC02, PB03, etc.

29d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZKTA, CHTH, QZX, etc.

NEIC 29 13:03:35.1±1.7, 6.61S; 153.85E±0.06, h10km, 2km, mb4.3/11, Error ellipse: s-maj=14.0km s-min=8.4km az=328.0

IDC 29 13:03:35.1±1.5, 6.79S; 153.85E, h0km, mb4.1/10, mbtmp4.1/12, ML2.5/1, MS3.3/9, Error ellipse: s-maj=39.9km s-min=19.5km az=119.0

ISC 29 13:03:41.3±0.7, 6.66S; 153.78E±0.09, h48km, n33, c=184/30, mb4.1/17, MS3.1/5, New Britain region

Main station list table for 29d 13h, including stations like KRVT, RABUL, HNR, etc.

IDC 29 13:05:33.9±1.5, 42.47N; 79.73E, h0km, mb3.6/3, mbtmp3.5/9, ML3.2/5, MS4.1/1, Error ellipse: s-maj=23.3km s-min=12.0km az=134.0

SOME 29 13:05:35.8, 42.57N; 79.67E, h15km

KRNET 29 13:05:36.2±0.1, 42.63N; 79.66E, h22km, mb3.7

NNC 29 13:05:36.0±0.7, 42.60N; 79.63E, h0km, mb4.2, mvp4.0, Error ellipse: s-maj=5.5km s-min=2.5km az=156.0

ISC 29 13:05:36.7±1.3, 42.63N; 0.04; 79.59E±0.03, h9km, 8km, n83, c=1963/130, mb3.6/3, 33C-11D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHLS, SHS, etc.

2016 DEC

Main station list table for 2016 DEC, including stations like UZB, PRZ, SATY, etc.

2092

Main station list table for 2092, including stations like TKM2, KRBS, KBK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 29 13:42:19.4.0.9.32.91Sx178.60W, h0km, mb4.7/4, mtbpm4.7/6, ML4.9/2, MS3.6/18, Error ellipse: s-maj=21.7km s-min=23.4km az=142.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for GLKZ Green Lake, RAO Raoul Island, MXZ Matakaoa Point, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for URZ Urewera, OUZ Omahutu, RTZ Ruatuhuna, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for WHZH Waihua, BKZ Black Stump Fm, OHW Ohakea, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MSVF Nonsavu, DZM Mont Dzumac, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for DZM Mont Dzumac, RAR Rarotonga, EIDS Eidsvoild, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for HNR Honiara, PAE Paea, PPT2 Papeete2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CTAO Charters Tower, VAH Vaihoo, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ASAR Alice Springs, WR0 Warramunga Arr, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for WB0 Warramunga Arr, WND Vanda, MTN Manton Dam, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for FITZ Fitzroy Crossi, BATI Baumata, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for H03S1 Juan Fernandez, H03N3 Juan Fernandez, H03N2 Juan Fernandez, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for NVAR Mina Array Bea, KLR Kul'dur, LVC Limon Vere, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CPUP Villa Florida, ILAR Eielson Array, WMQ Urukmu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for GECY ARCESS Array B, KBZ Khabaz, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for NOA NORARS Array B, IGID Diziasalis, IJDN Ignalina, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for PABE Pabesia, AKASG Malin Array Be, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for TOLL Torodi Arr, HNR Honiara, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

DDA 29 13:52:04.2.0.0.36.26N:28.62E, h6km, 4km, ML2.2 ISK 29 13:52:05.2.36.40N:28.74E, h10km, ML2.6/14

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MULA Zayirinkoy Aydi, DAT Datca, ELL Elmali, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for GOLH Golhisar, GOLH Golhisar, GMLSB Milas, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for STKA Stephens Creek, MKAR Makanchi Array, SIJI Sorong, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for DDMP Don Marcelino, DDMP Warramunga Arr, SKMP Bagumbayan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CMAR Chiang Mai Arr, STKA Stephens Creek, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ILAR Eielson Array, NMEZ Namu Road, LREZ Lake Rotokare, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for NMEZ Namu Road, FWZ West Tongario, NWZ Ngaharuih, etc.

NOU 29 14:31:28.2.39.66S:174.07E, h222km, MLV3.8/15, North Island, New Zealand

29d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT, KIWI, NTVZ, TMWZ, etc.

IDC 29 14:34:50.6;0.9;6.01S;153.78E;h0km,mb3.8/8, mbtmp4.0/11,ML2.5/2, Error ellipse: s-maj=23.0km s-min=14.8km az=60.0

IDC 29 14:34:56.7;0.7;0.01S;0.08;153.77E;0.08,h48km,n16, s=140/15,mb3.8/7, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT, HNR, PMG, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, H1S3, etc.

IDC 29 14:35:31.8;2.2;6.25S;154.22E;h0km,mb4.1/6, mbtmp4.2/7,ML2.4/1,MS3.4/6, Error ellipse: s-maj=69.1km s-min=23.9km az=107.0

IDC 29 14:35:39.0;1.5;6.4S;0.1;154.1E;0.2,h48km,n18, s=140/15,mb4.0/6,MS3.5/6,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT, HNR, PMG, etc.

MAN 29 14:37:29.2;4.20N;127.34E;h92km,mb4.9,ML3.8,MS3.8, NEIC 29 14:37:33.2;1.7;3.97N;0.08;126.79E;0.06,h82km,14km, mb4.3/9, Error ellipse: s-maj=14.3km s-min=3.3km az=145.0

IDC 29 14:37:37.6;2.7;3.91N;126.54E;h76km,29km,mb3.6/6, mbtmp3.9/7,MS3.6/7, Error ellipse: s-maj=51.9km s-min=16.4km az=70.0

IDC 29 14:37:51.0;0.8;4.01N;0.07;127.0E;0.1,h50km,n36, s=140/15,mb4.1/9,MS3.3/5,TC-62,Talau Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DDMP, MATI, TINTI, etc.

2094

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA, SONM, KURK, etc.

IDC 29 14:43:04.2;2.4;3.79N;126.68E;h0km,mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=188.4km s-min=29.3km az=66.0, Talau Islands region

NOU 29 15:12:13.8;42.49S;174.07E;h7km,MLV3.8/8, Off E Coast of S. Island, NZ

WEL 29 15:12:16.8;42.52S;174.4E;h14km,7km,ML3.3/6, MLV3.5/6,MLV3.3/6, Error ellipse: s-maj=0.0km s-min=0.0km az=82.9, confirmed

IDC 29 15:12:16.1;1.0;42.32S;0.04;173.86E;0.04,h21km,n83, s=15/18/87,South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KHZ, BSZW, GMWZ, etc.

IDC 29 15:25:22.8;1.1;49.37S;125.18E;h0km,mb3.9/6, mbtmp3.9/6,MS3.5/7, Error ellipse: s-maj=53.6km s-min=20.8km az=96.0

NEIC 29 15:25:24.5;1.5;49.5S;0.1;124.9E;0.3,h10km,2km, mb4.4/9, Error ellipse: s-maj=34.2km s-min=18.1km

IDC 29 15:25:24.0;2.0;8.49S;0.1;125.0E;0.2,h10km,n27, s=140/15,mb4.0/7,MS3.5/8,Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H01W1, H01W2, etc.

29d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NORRAR Array, NORRAR Array S, Dublin, etc.

DC 29:20:44:32.8, 1.6, 7.49S; 128.21E, h157km, 17km, mb3.3/5, mtbpm3.9/8, Error ellipse: s-maj=18.4km s-min=13.0km bz=118.0

ISC 29:20:44:32.7-0.8, 7.59S; 0.07; 128.31E; 0.08, h150km, n20, o=179/23, mb3.6/5, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOEI, SOE, BAUMATA, BATTI, etc.

DC 29:20:51:54.0, 0.53; 94N; 168.163E, h0km, mb3.3/2, s-maj=265.1km s-min=27.1km az=164.0

KRSC 29:20:51:58.3, 1.7, 5.47N; 168.02E, h48km, 21km, ML3.6

ISC 29:20:52:01.3, 1.8, 5.46N; 0.1; 168.2E; 0.1, h35km, n20, o=114/13, Komandorski Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BKI, BKI, KBTR, etc.

KRNET 29:21:03:37.4, 0.1, 41.13N; 70.54E, h30km, mb2.5

ISU 29:21:03:38.8, 0.40; 88N; 71.21E, h5km

ISC 29:21:03:35.9, 1.1, 40.95N; 0.03; 70.72E; 0.03, h8km, 11km, n11, o=35/38, 20, 11C-3D, Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MINT, MINT, TRKS, etc.

2016 DEC

Table with columns: GAR, Garm, 1.97 189, Pg, 21 04 13.8 +0.2. Includes stations like GAR, GAR, KK31, etc.

MEX 29:21:11:27.0, 0.4, 13.40N; 92.53W, h16km, 70km, MD4.1

GCG 29:21:11:40.8, 0.3, 14.53N; 91.77W, h51km, 65km, MD3.6

ISC 29:21:11:26.1, 3.5, 13.6N; 0.1; 92.57W, h0.06, h16km, 27km, n16, o=104/27, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SULLM, THIG, STG3, etc.

ISC-EH 29:21:30:19.4, 2.1; 15S; 170.25E, h201km, 2km, Error ellipse: s-maj=1.5km s-min=3.7km az=77.0

NEIC 29:21:30:19.7, 1.2; 21; 15S; 0.08; 170.26E; 0.06, h198km, 5km, mb4.9/49, Error ellipse: s-maj=11.4km s-min=8.3km az=198.0

DC 29:21:30:20.1, 0.6, 2.1; 13S; 170.13E, h206km, 4km, mb4.3/22, mtbpm4.8/24, Error ellipse: s-maj=8.5km s-min=8.1km az=124.0

GCMT 29:21:30:20.7, 0.3, 2.1; 05S; 0.02; 170.11E; 0.02, h197km, 2km, MV5.2/83, Moment Tensor Solution, s65; c72; s83; c108; Duration: 1s0 Moment tensor: Scale 10^18Nm; Mn=0.61±.20; Mpp=1.27±.28; Mss=1.89±.26; Mss=0.18±.23; Mss=0.74±.19; Mpp=1.61±.19; Best double couple: M=3.06600x10^16 NP; b=354.00000; s89.00000; n=1.68.00000; PIP2=264.00000; s78.00000; c=0.1.00000; Principal axes: T=3.3550, Plg7.0000; Azm129.0000; N=0.5720, Plg78.0000; Azm1.0000; P=7.7780, Plg9.0000; Azm220.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 29:21:30:20.0, 2.1; 06S; 170.14E, h196km, mb5.1/77, Southeast of Loyalty Islands

ISC 29:21:30:18.0, 0.3, 2.1; 14S; 0.04; 170.21E; 0.04, h206km, 2km, h206km; pp-P, n293, o=192/30, mb4.8/67, 6C-11D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MARNC, MARNC, MARNC, etc.

2100

Table with columns: RPZ, Rata Peaks, 22.52 178, P, 21 35 02.3 +1.0. Includes stations like RPZ, Rata Peaks, RPZ, etc.

ISC 29:21:11:27.0, 0.4, 13.40N; 92.53W, h16km, 70km, MD4.1

GCG 29:21:11:40.8, 0.3, 14.53N; 91.77W, h51km, 65km, MD3.6

ISC 29:21:11:26.1, 3.5, 13.6N; 0.1; 92.57W, h0.06, h16km, 27km, n16, o=104/27, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RABL, RABL, KRVT, etc.

ISC-EH 29:21:30:19.4, 2.1; 15S; 170.25E, h201km, 2km, Error ellipse: s-maj=1.5km s-min=3.7km az=77.0

NEIC 29:21:30:19.7, 1.2; 21; 15S; 0.08; 170.26E; 0.06, h198km, 5km, mb4.9/49, Error ellipse: s-maj=11.4km s-min=8.3km az=198.0

DC 29:21:30:20.1, 0.6, 2.1; 13S; 170.13E, h206km, 4km, mb4.3/22, mtbpm4.8/24, Error ellipse: s-maj=8.5km s-min=8.1km az=124.0

GCMT 29:21:30:20.7, 0.3, 2.1; 05S; 0.02; 170.11E; 0.02, h197km, 2km, MV5.2/83, Moment Tensor Solution, s65; c72; s83; c108; Duration: 1s0 Moment tensor: Scale 10^18Nm; Mn=0.61±.20; Mpp=1.27±.28; Mss=1.89±.26; Mss=0.18±.23; Mss=0.74±.19; Mpp=1.61±.19; Best double couple: M=3.06600x10^16 NP; b=354.00000; s89.00000; n=1.68.00000; PIP2=264.00000; s78.00000; c=0.1.00000; Principal axes: T=3.3550, Plg7.0000; Azm129.0000; N=0.5720, Plg78.0000; Azm1.0000; P=7.7780, Plg9.0000; Azm220.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 29:21:30:20.0, 2.1; 06S; 170.14E, h196km, mb5.1/77, Southeast of Loyalty Islands

ISC 29:21:30:18.0, 0.3, 2.1; 14S; 0.04; 170.21E; 0.04, h206km, 2km, h206km; pp-P, n293, o=192/30, mb4.8/67, 6C-11D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AS31, ASAR, ASAR, etc.

29d 22h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KAPI Kappang, JAGI Jagag, BNSI Bone, etc.

2016 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like DAV Davao City, MEEK Meekatharra, WRAK Warakuma, etc.

2102

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KCSI Kotacan, COEN Coen, RKGK Rocky Gully, etc.

29d 22h

Table with columns for flight codes (PCHI, JIE, JHU, etc.), destinations (Peechi, Ise, Hachioji jima 2, etc.), times, and status indicators (P, S, ScS, etc.).

2016 DEC

Table with columns for flight codes (PYAG, LIFNC, LIFNC, etc.), destinations (LIFOU, LIFOU, Niukaw, etc.), times, and status indicators (P, S, ScS, etc.).

2104

Table with columns for flight codes (JTM, JOT, MDJ, etc.), destinations (Tenmabayashi, Ohata, Mudanjiang, etc.), times, and status indicators (P, S, ScS, etc.).

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CASY, SONM, LTZ, OXZ, BHJU, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like LKBA, GRNR, FUGU, MOY, KASH, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like MKAR, CHKK, TDK, AAK, etc.

2107

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like GROG Grozny, BILL Bilbino, LOKD Lodwar, etc.

2016 DEC

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like LSZ Lusaka, SOCI Sochi, HVD Gariep Dam, etc.

29d 22h

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like VSR Voronezh, GRAN Grantham, HLFA Galich'ya Gora, etc.

29d 22h

Table with columns for station ID, name, coordinates, and status. Includes stations like BORA Eskisehir, O17K Koliganek Bris, R17K Ugashik Creek, etc.

2016 DEC

Table with columns for station ID, name, coordinates, and status. Includes stations like O20K Slope Mountain, WIN Windhoek, IAS Iasi, etc.

2108

Table with columns for station ID, name, coordinates, and status. Includes stations like VSU comp=Z,681nm,1.1s, COLD Coldfoot, COLD Coldfoot, etc.

DEV	Deva	100.36 315	UP	Pdfif	22 43 56.8 +0.7
DEV	Deva	100.36 315	UP	Pdfif	22 43 56.7 +0.7
MESH	Meseleni	100.38 316	UP	Pdfif	22 43 56.6 +0.5
F2SK	Christian Rive	100.39 23	P	Pdfif	22 43 57.0 +1.3
KLU	Klutina	100.39 29	P	Pdfif	22 43 56.5 +0.7
E25K	Arctic Village	100.40 22	P	Pdfif	22 43 56.8 +1.1
LIT	Litokhoron	100.41 309	P	Pdfif	22 43 55.3 -1.1
VAY	Valandovo	100.41 310	iP	Pdfif	22 43 54.8 -1.6
K24K	Donnelly Dome	100.42 27	P	Pdfif	22 43 55.8 -0.1
GZR	Gura Zlata	100.43 315	UP	Pdfif	22 43 55.9 -0.6
GZR	Gura Zlata	100.43 315	UP	Pdfif	22 43 55.8 -0.6
AGG	Agios Georgios	100.48 308	P	Pdfif	22 43 51.2 -5.5
EYAK	Cordova Ski Ar	100.48 30	P	Pdfif	22 43 56.9 +0.8
PRP	Porcupine Dome	100.50 25	P	Pdfif	22 43 57.1 +0.8
DRGR	Camden Bay	100.53 316	UP	Pdfif	22 43 56.8 0.0
DRGR	Camden Bay	100.53 316	UP	Pdfif	22 43 56.8 0.0
C26K	Camden Bay	100.56 20	P	Pdfif	22 43 57.7 +1.4
KLV	Kalavryta, Ach	100.56 307	P	Pdfif	22 43 56.5 -0.7
PAX	Paxson	100.58 28	P	Pdfif	22 43 56.9 +0.2
DJES	Djerdap	100.59 314	UP	Pdfif	22 43 57.7 +0.7
TRPA	Tarpa	100.68 317	UP	Pdfif	22 43 57.4 +0.1
TRPA	Tarpa	100.68 317	UP	Pdfif	22 43 57.4 +0.1
STIP	Stip	100.71 311	iP	Pdfif	22 43 55.8 -1.9
HARP	HAARP	100.74 28	P	Pdfif	22 43 58.1 +0.7
RIDG	Independent RI	100.84 27	P	Pdfif	22 43 57.6 -0.2
UZH	Uzhgorod	100.86 318	iP	Pdfif	22 43 57.1 -1.0
SURR	Surduc	100.90 312	UP	Pdfif	22 43 58.2 -0.3
DRO	Drossia	100.91 307	P	Pdfif	22 43 58.6 -0.1
SLIT	Sitene, Latvi	100.92 26	P	Pdfif	22 43 57.8 -0.6
F26K	Sheenjek River	100.95 23	P	Pdfif	22 43 59.4 +1.2
C27K	Jago River	100.99 21	P	Pdfif	22 43 59.7 +1.4
N25K	Chitina, Valde	101.02 29	P	Pdfif	22 43 59.6 +0.9
BMRM	Bremner River	101.03 30	P	Pdfif	22 43 58.8 +0.1
RLS	Rilos of Patr	101.10 307	P	Pdfif	22 43 59.5 0.0
RAF	Rauma	101.12 330	eP	Pdfif	22 43 59.5 +0.5
PBUR	Paburge	101.12 325	eP	Pdfif	22 43 59.5 +0.4
BOVS	Bovan	101.14 313	iP	Pdfif	22 43 58.7 -0.8
KAIM	Kayak Island	101.15 31	P	Pdfif	22 44 00.1 +0.9
MDVR	Moldovita	101.17 314	UP	Pdfif	22 43 59.5 -0.2
SCRK	Sand Creek	101.21 316	UP	Pdfif	22 43 59.4 -0.2
JETT	Jettan, Norway	101.22 339	ePdfif	Pdfif	22 43 59.4 0.0
SPAO	Spitsbergen Ar	101.22 348	ePdfif	Pdfif	22 43 59.2 0.0
SPAO	Spitsbergen Ar	101.22 348	ePdfif	Pdfif	22 43 58.8 -0.4
SPTS	comp=Z,14nm,0.8s,baz=80,slow=10,SNR=2.0		PP	PP	22 48 09.8 +0.6
SIRR	Siria	101.24 315	UP	Pdfif	22 44 00.1 +0.1
BZS	Buzias	101.25 315	UP	Pdfif	22 43 59.7 -0.3
BZS	Buzias	101.25 315	UP	Pdfif	22 43 59.7 -0.3
SKO	Skopje	101.28 311	iP	Pdfif	22 43 58.6 -1.6
J26L	Kosjupj Creek	101.37 26	P	Pdfif	22 44 00.5 +0.3
TIM	Timisoara	101.53 315	UP	Pdfif	22 44 01.5 +0.3
TIM	Timisoara	101.53 315	UP	Pdfif	22 44 01.5 +0.3
L26K	Log Cabin Wild	101.55 27	P	Pdfif	22 44 01.8 +0.8
ABAH	Abaujkar	101.55 317	P	Pdfif	22 44 01.0 -0.3
STHS	Stebnicka Huta	101.56 319	ePdfif	Pdfif	22 44 01.3 0.0
STHS	Stebnicka Huta	101.56 319	ePdfif	Pdfif	22 44 01.4 +0.1
HSPB	Hornsund (broa)	101.61 347	ePdfif	PP	22 44 00.7 -0.2
HSPB	Hornsund (broa)	101.61 347	ePdfif	PP	22 48 18.3 +6.2
JAN	Janina	101.65 309	UP	Pdfif	22 43 59.1 -2.9
TRO	Tromso	101.73 339	ePdfif	SKSac	22 44 00.6 -0.5
TRO	Tromso	101.73 339	ePdfif	SKSac	22 54 28.7 -3.0
NYDR	Nydri-Lefkada	101.73 308	P	Pdfif	22 44 00.8 -1.5
OHR	Ohrid	101.74 310	iP	Pdfif	22 44 01.1 -1.3
M26K	Nabesna, AK	101.74 28	P	Pdfif	22 44 01.7 -0.1
BEL	Belsk	101.84 321	ePdfif	PP	22 44 02.9 +0.4
BEL	Belsk	101.84 321	ePdfif	PP	22 48 18.6 +4.2
BEL	Belsk	101.84 321	ePdfif	PP	23 27 14.9
E27K	Coleen River	101.88 22	P	Pdfif	22 44 03.6 +1.3
G27K	Doyon Strip	101.99 24	P	Pdfif	22 44 04.3 +1.5
IGT	Igoumenitsa	102.05 309	P	Pdfif	22 44 01.8 -1.9
H27K	Steamboat Moun	102.09 24	P	Pdfif	22 44 04.8 +0.8
I27K	Kandik River	102.11 25	P	Pdfif	22 44 04.7 +1.3
NIE	Niedzica	102.17 319	ePdfif	PP	22 44 04.0 0.0
NIE	Niedzica	102.17 319	ePdfif	PP	22 48 17.1 0.0
L27K	Beaver Creek	102.23 27	P	Pdfif	22 44 05.3 +1.2
M27K	Edge Creek, AK	102.26 28	P	Pdfif	22 44 05.6 +1.3
EGAK	Eagle	102.38 26	P	Pdfif	22 44 05.2 +0.7
DIVS	Divibare	102.39 313	eP	Pdfif	22 44 03.7 -1.5
TIR	Tirane	102.44 310	UP	Pdfif	22 44 05.6 +0.1
PSZ	Piszkesteto	102.46 317	UP	Pdfif	22 44 05.6 +0.2
PSZ	Piszkesteto	102.46 317	UP	Pdfif	22 44 04.3 -1.1
PSZ	Piszkesteto	102.46 317	UP	Pdfif	22 44 05.6 +0.2
KEK	Kerkira	102.46 309	P	Pdfif	22 44 04.7 -0.8
QJC	Ojcow	102.49 319	ePdfif	PP	22 44 05.3 -0.1
QJC	Ojcow	102.49 319	ePdfif	PP	22 48 04.1 +4.7
QJC	Ojcow	102.49 319	ePdfif	PP	23 29 16.2
FRGS	Fruska Gora	102.52 314	UP	Pdfif	22 44 05.4 -0.3
FRGS	Fruska Gora	102.52 314	UP	Pdfif	22 44 05.5 -1.2
LIAS	Liptovska Anna	102.72 318	ePdfif	Pdfif	22 44 07.9 +0.8
LANS	LANS	102.72 318	eP	Pdfif	22 47 26.2
LANS	LANS	102.72 318	eP	Pdfif	22 54 42.7
LANS	Liptovska Anna	102.72 318	eP	Pdfif	22 44 07.3 +0.8
BVCY	Beaver Creek	102.73 28	P	Pdfif	22 44 07.2 +1.0
BBLs	Lazći	102.81 313	eP	Pdfif	22 44 05.1 -2.0
RUDO	Rudo	102.83 313	eP	Pdfif	22 44 05.5 -1.6
PDG	Podgorica	102.92 311	eP	Pdfif	22 44 06.7 -0.7
DRME	Dracevica, Mon	102.96 311	UP	Pdfif	22 44 04.7 -3.0
YUK3	Moosa Creek	102.98 29	P	Pdfif	22 44 08.2 +0.6
BUD	Budapest	103.05 317	P	Pdfif	22 44 08.6 +0.6
HAPS	Han Pjiesak, BI	103.14 313	ePdfif	Pdfif	22 44 07.9 -0.7
VYHS	Vyhne	103.16 318	ePdfif	Pdfif	22 44 08.4 0.0
VYHS	Vyhne	103.16 318	ePdfif	PP	22 48 27.2 +2.8
VYHS	Vyhne	103.16 318	ePdfif	PP	22 54 40.0
VYHS	Vyhne	103.16 318	ePdfif	PP	23 00 06.1
VYHS	Vyhne	103.16 318	ePdfif	Pdfif	23 00 27.1
VYHS	Vyhne	103.16 318	ePdfif	Pdfif	22 44 08.4 0.0
O28M	Mount Upton	103.20 30	P	Pdfif	22 44 09.3 +0.6
DAWY	Dawson	103.22 26	P	Pdfif	22 44 08.9 +0.5
PINM	Pinnacle	103.23 30	P	Pdfif	22 44 09.6 +1.0
STEI	Steigen	103.28 338	ePdfif	Pdfif	22 44 08.4 0.0
MORH	Mirgy, Hungar	103.33 315	P	Pdfif	22 44 08.0 -0.2
MORH	Mirgy, Hungar	103.33 315	P	Pdfif	22 44 08.0 -0.7
FAUS	Fauske	103.35 337	ePdfif	PP	22 44 08.4 -0.4
FAUS	Fauske	103.35 337	ePdfif	PP	22 48 27.2 +1.9
FAUS	Fauske	103.35 337	ePdfif	SKSac	22 54 39.3 -0.2
BRY	Bratogost	103.44 312	eP	Pdfif	22 44 07.5 -2.5
I29M	Ogilvie Camp,	103.51 25	P	Pdfif	22 44 10.1 +0.5
SRO	Srobarova	103.52 317	ePdfif	Pdfif	22 44 10.4 +0.4
SRO	Srobarova	103.52 317	ePdfif	PP	22 47 25.8
SRO	Srobarova	103.52 317	ePdfif	PKIKP	22 48 30.2 +2.0
SRO	Srobarova	103.52 317	ePdfif	Pdfif	22 44 10.4 +0.4
SRO	Srobarova	103.52 317	ePdfif	Pdfif	22 48 40.2 +0.4
OKC	Ostrava-Krasne	103.56 319	ePdfif	Pdfif	22 44 10.7 +0.5

OKC	Ostrava-Krasne	103.56 319	eP	Pdfif	22 44 10.7 +0.5
CSKK	Cskako	103.57 317	P	Pdfif	22 44 10.1 -0.1
KOVH	Kovogotottos	103.71 315	P	Pdfif	22 44 10.6 -0.3
MAUC	Maruska	103.79 319	ePdfif	Pdfif	22 44 11.9 +0.7
MAUC	Maruska	103.79 319	ePdfif	SKS	22 54 44.8
M29M	Somme Creek	103.84 28	P	Pdfif	22 44 12.2 +1.0
YUKA	Talbot Arm	103.89 29	P	Pdfif	22 44 13.1 +1.5
L29M	L29M	103.90 27	P	Pdfif	22 44 13.0 +1.5
JAVC	Velka Javorina	103.92 318	ePdfif	Pdfif	22 44 12.4 +0.6
GKP	Gorka Klasztor	103.95 323	ePdfif	PP	22 44 11.7 -0.1
GKP	Gorka Klasztor	103.95 323	ePdfif	PP	22 48 31.2 +1.0
GKP	Gorka Klasztor	103.95 323	ePdfif	PP	23 32 53.9
MORC	Moravsky Berou	103.96 319	ePdfif	Pdfif	22 44 12.0 0.0
MORC	Moravsky Berou	103.96 319	ePdfif	SKS	22 54 43.5
MORC	Moravsky Berou	103.96 319	ePdfif	PKKPdf	23 00 24.0 +1.2
EPYK	Eagle Plains	104.00 24	P	Pdfif	22 44 12.6 +0.8
STON	Ston	104.06 312	eP	Pdfif	22 44 08.1 -4.4
MPLH	Magyarpolny	104.07 316	P	Pdfif	22 44 11.8 -0.7
K29M	Barlow Dome	104.07 26	P	Pdfif	22 44 13.4 +1.1
YUK6	Outpost Mounta	104.09 29	P	Pdfif	22 44 13.0 +0.6
G30M	tAoh Zraii Nji	104.09 23	P	Pdfif	22 44 12.2 0.0
A052A	Srbac	104.15 314	eP	Pdfif	22 44 11.7 -1.2
MODS	Modra-Piesok	104.20 318	ePdfif	Pdfif	22 44 13.2 +0.2
MODS	Modra-Piesok	104.20 318	ePdfif	e	22 47 24.5
MODS	Modra-Piesok	104.20 318	ePdfif	e	23 00 00.3
MODS	Modra-Piesok	104.20 318	ePdfif	Pdfif	23 00 22.5
MODS	Modra-Piesok	104.20 318	ePdfif	Pdfif	22 44 13.2 +0.2
KONS	Konvik	104.34 336	ePdfif	Pdfif	22 44 13.3 +0.1
BLY	Banja Luka	104.39 314	eP	Pdfif	22 44 12.7 -1.3
KRLC	Kraliky	104.43 319	ePdfif	Pdfif	22 44 14.6 +0.5
KRLC	Kraliky	104.43 319	eP	Pdfif	22 54 43.8
KRLC	Kraliky	104.43 319	eP	Pdfif	22 54 43.8
MGRS	Mrkonjic Grad	104.47 314	eP	Pdfif	22 44 13.9 -0.5
HYT	Haines Junctio	104.50 29	P	Pdfif	22 44 15.8 +1.5
BLEU	Blekinge	104.52 326	eP	Pdfif	22 44 14.0 -0.3
P29M	Wirn Craggy	104.54 31	P	Pdfif	22 44 15.2 +0.9
A051A	Mrakovica	104.58 314	eP	Pdfif	22 44 12.7 -2.2
M30M	Minto, Yukon	104.59 28	P	Pdfif	22 44 15.4 +0.9
VRAC	Vranov	104.60 319	Pdfif	Pdfif	22 44 14.9 0.0
VRAC	Vranov	104.60 319	Pdfif	PKIKP	22 48 32.0 +1.8
VRAC	Vranov	104.60 319	ePdfif	Pdfif	23 00 20.7
VRAC	Vranov	104.60 319	ePdfif	Pdfif	22 44 14.8 0.0
VRAC	Vranov	104.60 319	eSKS	Pdfif	22 54 47.4
BEHE	Becsehely	104.62 316	P	Pdfif	22 44 14.5 -0.4
KSP	Ksiaz	104.70 320	ePdfif	Pdfif	22 44 15.3 +0.2
KSP	Ksiaz	104.70 320	ePdfif	eL	23 28 47.1
DPC	Dobruska-Polom	104.71 320	ePdfif	Pdfif	22 44 15.8 +0.5
DPC	Dobruska-Polom	104.71 320	ePdfif	PKKPbc	22 54 06.2 +1.0
DPC	Dobruska-Polom	104.71 320	ePdfif	Pdfif	22 54 15.8 +0.5
DPC	Dobruska-Polom	104.71 320	ePdfif	Pdfif	22 54 46.6
KRUC	Moravsky	104.75 318	ePdfif	Pdfif	22 44 15.3 -0.1
KRUC	Moravsky	104.75 318	ePdfif	SKS	22 54 48.8
KRUC	Moravsky	104.75 318	ePdfif	PKKPbc	23 00 20.0 +2.6
KRUC	Moravsky	104.75 318	ePdfif	PKKPbc	22 44 16.0 +0.5
KRUC	Moravsky	104.75 318	ePdfif	PKKPbc	23 00 20.0 +1.0
OSTC	Ostas	104.77 320	ePdfif	Pdfif	22 48 30.2 +0.2
OSTC	Ostas	104.77 320	ePdfif	PKKPbc	22 59 59.8 -1.5
INK	Inuvik	104.82 21	PKIKP	Pdfif	22 44 16.5 +1.2
INK	Inuvik	104.82 21	PKIKP	Pdfif	22 48 31.5 +1.1
INK	Inuvik	104.82 21	PKIKP	Pdfif	22 48 31.5 +1.1
P30M	Million Dollar	104.87 30	P	PKIKP	22 48 31.5 +1.1
RONA	Rosalia, Austr	104.89 317			

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ISCO	baz=296 Idaho Springs	130.05	45	P	PKIKP	22 49 21.0	+0.8	
Q2CA	Divide baz=296,SNR=11	130.74	45	P	PKIKP	22 49 21.3	-0.3	
SDCO	Great Sand Dun baz=294,SNR=13	131.00	47	P	PKIKP	22 49 22.7	+0.5	
SDCO	Great Sand Dun baz=294,SNR=13	131.00	47	P	PKIKP	22 49 22.7	+0.5	
121A	Cookes Peak, D baz=288,SNR=6.5	131.13	54	P	PKIKP	22 49 23.4	+1.0	
121A	Cookes Peak, D baz=288,SNR=6.5	131.13	54	P	PKIKP	22 49 22.7	+0.3	
AGM1	Agassiz Nassal baz=312	131.19	30	P	PKPdf	22 49 20.8	0.0	
Y22D	IRIS PASSCAL baz=290	131.31	52	P	PKIKP	22 49 23.1	+0.5	
Y22F	Pascal Instru baz=290	131.31	52	P	PKIKP	22 49 22.8	+0.2	
Y22A	Socorro baz=290,SNR=9.8	131.32	52	P	PKIKP	22 49 23.8	+1.1	
ANMO	Albuquerque comp=Z,172nm,1.1s,ba=12,slow=3.9,SNR=31	131.36	51	SKPbc	SKPbc	22 52 38.6	+0.2	
ANMO	Albuquerque baz=291,SNR=9.4	131.36	51	P	PKPpre	22 49 23.8	+1.0	
ANMO	Albuquerque baz=291,SNR=9.4	131.36	51	P	PKIKP	22 49 22.7	-0.1	
ANMO	Albuquerque baz=291,SNR=9.4	131.36	51	P	PKIKP	22 49 22.7	-0.1	
OGNE	Ogallala baz=312	131.94	42	P	PKIKP	22 49 23.3	-0.4	
SUSD	Miller baz=300	132.04	36	P	PKPdf	22 49 22.7	+0.3	
T25A	Trinidad baz=295,SNR=8.1	132.94	47	P	PKIKP	22 49 24.3	+0.1	
PMST	Porto Santo, M baz=298	132.10	307	ePKP	PKIKP	22 49 24.2	+0.1	
PMPS	Porto Santo, M baz=298	132.11	307	ePKP	PKIKP	22 49 23.9	+0.4	
KSCO	Kaye Shedlock baz=298	132.47	44	P	PKIKP	22 49 24.5	-0.4	
F31A	5 Mile Ranch, baz=310	132.58	33	P	PKIKP	22 49 24.4	-0.3	
PMAR	Madreia baz=300	132.68	307	ePKP	PKIKP	22 49 27.1	+1.6	
FUL	Funchal baz=300	132.69	307	eSKP	PKIKP	22 52 45.2		
PMOZ	Porto Moniz, M baz=300	132.87	307	ePKP	PKIKP	22 49 27.5	+1.7	
PMOZ	Porto Moniz, M baz=300	132.87	307	ePKP	PKIKP	22 51 52.5	+1.7	
PMOZ	Porto Moniz, M comp=Z,1um,20.0s	132.87	307	eLR	PKIKP	22 52 45.2		
TRQA	Tornquist baz=299	133.24	179	ePKP	PKPpre	22 49 15.2		
TRQA	Tornquist baz=299	133.24	179	ePKP	PKPpre	22 49 24.5	-0.7	
TRQA	Tornquist baz=299	133.24	179	ePKP	PKPpre	22 49 15.2		
MNTX	Cornudas Mount baz=289,SNR=9.9	133.32	55	P	PKIKP	22 49 27.5	+0.9	
MNTX	Cornudas Mount baz=289	133.32	55	P	PKIKP	22 49 26.7	0.0	
EYMN	Ely baz=317	133.53	28	P	PKIKP	22 49 27.5	+1.0	
ECSD	EROS Data Cent baz=308	133.72	35	P	PKIKP	22 49 26.6	-0.5	
SCHO	Schefferville comp=Z,3.7nm,0.6s,ba=302,slow=1.9,SNR=55	134.03	4	PKHkp	PKPpre	22 49 12.2		
SCHO	Schefferville comp=Z,4.4nm,0.6s,ba=344,slow=3.5,SNR=28	134.03	4	PKP	PKPdf	22 49 26.0	0.0	
SCHO	Schefferville comp=Z,5.7nm,1.1s,ba=3.0,slow=6.9,SNR=7.5	134.03	4	SKPbc	SKPbc	22 51 54.9	-1.6	
SCHO	Schefferville comp=Z,139nm,0.9s,ba=355,slow=4.9,SNR=21	134.03	4	SKPbc	SKPbc	22 52 46.4	-0.3	
BGNE	Belgrade baz=304,SNR=6.4	134.17	39	P	PKPdf	22 49 27.1	+0.3	
CBKS	Cedar Bluff baz=301	134.53	43	P	PKPdf	22 49 28.1	+0.6	
MXST	Muleshoe baz=293	134.55	51	P	PKPdf	22 49 27.9	+0.1	
SPMN	Marine on St. baz=315	134.82	31	P	PKPdf	22 49 27.9	+0.1	
TXAR	Lajitas Array comp=Z,3.1nm,0.7s,ba=288,slow=1.2,SNR=14	135.49	57	PKHkp	PKPpre	22 49 18.5		
TXAR	Lajitas Array comp=Z,7.3nm,0.7s,ba=235,slow=1.3,SNR=12	135.49	57	PKP	PKIKP	22 49 31.7	+0.5	
TXAR	Lajitas Array comp=Z,10nm,1.0s,ba=289,slow=3.8,SNR=6.1	135.49	57	PKP	PKIKP	22 52 06.0	-1.5	
TXAR	Lajitas Array comp=Z,2.14nm,1.2s,ba=281,slow=2.0,SNR=41	135.49	57	SKPbc	SKPbc	22 52 52.0	-0.4	
KSUI	Kansas State U baz=304	136.44	41	P	PKPdf	22 49 31.8	+0.8	
WMOK	Wichita Mount baz=298	137.19	47	P	PKPdf	22 49 33.4	+0.9	
ABTW	Ablene, Hawle baz=295	137.49	51	P	PKPdf	22 49 33.7	+0.5	
JFWS	Jewell Farm baz=315	137.75	32	P	PKPdf	22 49 34.1	+0.8	
JCT	Junction City baz=293,SNR=8.6	138.23	54	P	PKPdf	22 49 35.4	+0.8	
PLTB	Pedras Altas baz=300	138.85	190	ePKP	PKPpre	22 49 35.2	-0.5	
FW06	Azle baz=300	138.91	49	P	PKPpre	22 49 27.6		
ZON	Zonda baz=310	139.13	170	PKP	PKIKP	22 49 37.6	-1.0	
ZON	Zonda baz=310	139.13	170	PKP	PKIKP	22 49 37.6	-1.0	
CFA	Coronel Fontan comp=Z,11nm,0.5s,ba=191,slow=2.9,SNR=25	139.14	171	PKP	PKPpre	22 49 28.5		
CFA	Coronel Fontan comp=Z,4.4nm,0.4s,ba=189,slow=1.8,SNR=20	139.14	171	PKP	PKPpre	22 49 38.1	-0.5	
CFA	Coronel Fontan comp=Z,9.2nm,0.9s,ba=218,slow=1.9,SNR=18	139.14	171	SKPbc	SKPbc	22 53 04.0	+1.1	
CFA	Coronel Fontan comp=Z,2.0nm,1.0s,ba=341,slow=4.8,SNR=5.3	139.14	171	SKPbc	SKPbc	23 01 40.0	-0.8	
CPSB	Cacapava Do Su baz=300	140.14	191	ePKP	PKPpre	22 49 37.7	-0.4	
CCM	Cathedral Cave baz=300	140.44	38	P	PKPpre	22 49 30.3		
CCM	Cathedral Cave baz=300	140.44	38	P	PKHkp	PKPpre	22 49 30.3	
CNLB	Canela baz=300	140.64	195	ePKP	PKPpre	22 49 38.9	-0.2	
SAD0	Sadova comp=Z,13nm,0.6s,ba=330,slow=4.2,SNR=1.8	141.12	20	PKHkp	PKPpre	22 49 34.3		
SAD0	Sadova comp=Z,35nm,0.7s,ba=322,slow=4.7,SNR=9.3	141.12	20	SKPbc	SKPbc	22 53 07.4	-0.3	
SAD0	Sadova comp=Z,16nm,0.9s,ba=125,slow=5.0,SNR=4.5	141.12	20	SKPbc	SKPbc	23 01 32.5	-1.8	
LCO	Las Campanas baz=300	141.19	167	PKPpre	PKPpre	22 49 34.8		
Q4A	Meyer Farm, Va baz=313	141.20	35	P	PKPpre	22 49 34.5	-1.1	
SFIN	Lafayette baz=317	141.21	32	P	PKPdf	22 49 33.7	-0.6	
ITQB	Itaqui baz=314	141.34	187	ePKP	PKPpre	22 49 35.5	-0.8	
L48A	N Adams baz=322	141.41	28	P	PKPdf	22 49 34.9	-0.5	
L48A	N Adams baz=322	141.41	28	P	PKPdf	22 49 34.9	-0.5	
D62A	Allapoint, All baz=348,SNR=19	141.44	8	P	PKPdf	22 49 34.3	-0.5	
D62A	Allapoint, All baz=348,SNR=19	141.44	8	P	PKPdf	22 49 34.3	-0.5	
N47A	Urbana baz=319	141.56	30	P	PKPdf	22 49 35.1	-0.2	
N47A	Urbana baz=319	141.56	30	P	PKPdf	22 49 35.1	-0.2	
HKT	Hockley baz=296	141.58	52	P	PKPdf	22 49 40.0	-0.6	
HKT	Hockley baz=296	141.58	52	P	PKPdf	22 49 39.9	-0.6	
HKT	Hockley baz=296	141.58	52	P	PKIKP	22 49 40.0	-0.6	
ALGR	Alto Alegre (B baz=299)	141.63	192	ePKP	PKPpre	22 49 39.1	-1.8	
NATX	Nacogdoches baz=299	141.64	49	P	PKPdf	22 49 41.6	+0.9	
P46A	Rosedale baz=316	141.70	33	P	PKPdf	22 49 35.3	-0.3	
LCAR	Lake Charles baz=308,SNR=31	141.73	41	P	PKPdf	22 49 35.1	-0.6	
EC2A	Clayton Lake baz=347,SNR=9.3	141.81	9	P	PKPdf	22 49 36.0	-0.6	
E62A	Olney baz=347,SNR=9.3	141.84	35	P	PKPdf	22 49 36.0	-0.6	
OLIL	Olney baz=314,SNR=9.4	141.84	35	P	PKPdf	22 49 36.0	-0.6	
S44A	Carbondale baz=312,SNR=10	141.87	37	P	PKPdf	22 49 36.9	-0.4	
E63A	Oxbow baz=348,SNR=8.4	142.17	8	P	PKPdf	22 49 37.7	-0.5	
E63A	Oxbow baz=348,SNR=8.4	142.17	8	P	PKPdf	22 49 37.7	-0.5	
N49A	Columbus Grove baz=321	142.26	29	P	PKPdf	22 49 37.3	-0.2	
N49A	Columbus Grove baz=321	142.26	29	P	PKPdf	22 49 37.3	-0.2	
O48B	Farnland baz=319,SNR=17	142.29	30	P	PKPdf	22 49 37.2	-0.5	
O50A	Fremont baz=323	142.41	27	P	PKPdf	22 49 37.8	-0.9	
M50A	Fremont baz=323	142.41	27	P	PKPdf	22 49 37.8	-0.9	

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F62A	Pittston Farm, baz=346,SNR=7.2	142.44	10	P	PKPpdf	22 49 38.1	-3.6
F62A	Pittston Farm, baz=346,SNR=7.2	142.44	10	P	PKPpdf	22 49 38.1	-3.6
SACV	Santiago Islan baz=346,SNR=7.2	142.65	283	P	PKPpdf	22 49 39.5	-3.5
G003	Copiap baz=340	142.66	167	i/P	PKPpdf	22 49 40.7	-2.0
FRNY	Flat Rock baz=340	142.71	14	P	PKPpdf	22 49 38.0	-4.2
O49A	Covington baz=320,SNR=16	142.75	30	P	PKPpdf	22 49 38.9	-3.5
O49A	Covington baz=320,SNR=16	142.75	30	P	PKPpdf	22 49 38.9	-3.5
P48A	Milroy baz=318,SNR=12	142.75	31	P	PKPpdf	22 49 38.7	-3.8
P48A	Milroy baz=318,SNR=12	142.75	31	P	PKPpdf	22 49 38.7	-3.8
F63A	Nahmahkanta, Br baz=347,SNR=14	142.77	9	P	PKPpdf	22 49 39.6	-2.7
F63A	Nahmahkanta, Br baz=347,SNR=14	142.77	9	P	PKPpdf	22 49 39.6	-2.7
AZCA	Azaras, Argent baz=332,SNR=7.9	142.83	188	eP	PKPpdf	22 49 40.6	-2.4
J55A	Hilton baz=332,SNR=7.9	142.90	20	P	PKPpdf	22 49 38.9	-3.7
J55A	Hilton baz=332,SNR=7.9	142.90	20	P	PKPpdf	22 49 38.9	-3.7
WCNV	West Carthage baz=336,SNR=8.4	142.94	17	P	PKPpdf	22 49 38.9	-3.7
ITAB	West of Eustis baz=345,SNR=11	142.94	194	eP	PKPpdf	22 49 41.0	-2.1
G62A	West of Eustis baz=345,SNR=11	143.00	11	P	PKPbc	22 49 40.5	+0.8
G62A	West of Eustis baz=345,SNR=11	143.00	11	P	PKPbc	22 49 40.5	+0.8
P49A	Wash Univ, Ec baz=319,SNR=16	143.06	31	P	PKPbc	22 49 39.4	-0.6
CRSM	Crisssium (Br baz=324,SNR=6.3	143.09	191	eP	PKPpdf	22 49 42.2	-1.2
N51A	Ashland baz=324,SNR=6.3	143.09	27	P	PKPbc	22 49 39.8	-0.3
N51A	Ashland baz=324,SNR=6.3	143.09	27	P	PKPbc	22 49 39.8	-0.3
PKME	Peaks-Kenny Pk baz=347,SNR=11	143.17	9	P	PKPbc	22 49 41.3	+1.2
WCI	Wyandotte Cave baz=316,SNR=32	143.19	34	P	PKPpre	22 49 40.0	
WCI	Wyandotte Cave baz=316,SNR=32	143.19	34	P	PKPbc	22 49 40.0	-0.4
WCI	Wyandotte Cave baz=316,SNR=32	143.19	34	P	PKIKP	22 49 40.0	-0.4
441A	Wyandotte Cave baz=316,SNR=32	143.23	49	P	PKPpdf	22 49 43.0	-0.6
NCB	Newcomb baz=338,SNR=12	143.35	16	P	PKPbc	22 49 40.7	0.0
J57A	Williamstown baz=335,SNR=14	143.36	18	P	PKPbc	22 49 40.9	+0.2
J57A	Williamstown baz=335,SNR=14	143.36	18	P	PKPbc	22 49 40.9	+0.2
ACSO	Alum Creek Sta baz=322,SNR=19	143.37	28	P	PKPbc	22 49 40.9	0.0
WVNY	Wes Valley, N baz=331,SNR=16	143.38	22	P	PKPbc	22 49 41.0	

30d 0h

EWUT	S	Sn	00 31 14.0 -0.3
TWA	Mucha baz=218	0.46 290	↑P Pn
TWA	Mucha baz=291	i S	Sn
ENTT	Nioudou baz=253	0.49 248	↑P Pn
ENTT	baz=253	e S	Sn
ENA	Nanau baz=219	0.49 217	↑P Pn
ENA	baz=219	S	Sn
NHY	Taipei baz=296	0.50 286	e P Pn
NHHD	Xindian Distri baz=287	0.51 286	↑P Pn
NHHD	baz=287	e S	Sn
NWLT	Wulai baz=272	0.51 265	↑P Pn
NWLT	baz=272	S	Sn
NWRT	Kuosheng baz=315	0.53 316	e P Pn
NWRT	baz=315	e S	Sn
TAP1	Taipei baz=293	0.54 294	P Pn
TAP1	baz=293	S	Sn
TATO	Taipei baz=293	0.55 286	P Pn
TATO	Taipei baz=293	0.55 293	e P Pn
TAP	baz=293	S	Sn
YM01	YM01 baz=298	0.55 306	↑P Pn
YM01	baz=298	i S	Sn
YM08	YM08 baz=303	0.56 310	↑P Pn
YM08	baz=303	e S	Sn
LATG	Datong baz=243	0.57 240	↑P Pn
LATG	baz=243	i S	Sn
EHP	Heping Village baz=215	0.59 210	P Pn
EHP	baz=215	S	Sn
BACT	New Taipei Cit baz=283	0.59 287	e P Pn
ANP	Anpu baz=300	0.61 306	e P Pn
ANP	baz=300	e S	Sn
TWY	Chenhua baz=316	0.62 317	↑P Pn
TWY	baz=316	S	Sn
NSM	Shimen baz=315	0.63 317	P Pn
NSM	baz=315	S	Sn
YHNB	Yeheng baz=264	0.65 256	P Pn
YHNB	baz=264	Sn	Sn
YHNB	Yeheng baz=264	0.65 256	e P Pn
YHNB	baz=264	i S	Sn
TWS1	Kuangyinshan baz=302	0.65 295	↑P Pn
TWS1	baz=302	S	Sn
NTST	Danshui baz=300	0.65 302	↑P Pn
NTST	baz=300	S	Sn
NSK	Sanguang baz=264	0.66 257	↑P Pn
NSK	baz=264	S	Sn
NTY	Taoyuan baz=287	0.72 284	e P Pn
NTY	baz=287	e S	Sn
NNSB	Datong baz=247	0.73 238	↑P Pn
NNSB	baz=247	i S	Sn
NNSH	Datong baz=247	0.73 238	↑P Pn
NNSH	baz=247	i S	Sn
NNS	Nan Shan baz=247	0.74 239	↑P Pn
NNS	baz=247	i S	Sn
ETL	Fush Village baz=205	0.77 211	e P Pn
ETL	baz=205	e S	Sn
NACB	Ninganchiao baz=207	0.78 214	P Pn
NACB	baz=207	Sn	Sn
NACB	Ninganchiao baz=207	0.78 214	↑P Pn
NACB	baz=207	Pn	Sn
PCYT	Pengchaiyu baz=357	0.80 0	i P Pn
PCYT	baz=357	S	Sn
NCU	National Centr baz=288	0.81 281	e P Pn
NCU	baz=288	S	Sn
ETLH	Kiulin Townshi baz=231	0.81 221	↑P Pn
ETLH	baz=231	e S	Sn
NCUH	Zhongli baz=289	0.81 280	e P Pn
NCUH	baz=289	e S	Sn
TWD	Chiawan baz=224	0.85 210	↑P Pn
TWD	baz=224	e S	Sn
NFF	Wufeng Townshi baz=259	0.88 258	↑P Pn
NFF	baz=259	i S	Sn
JYNG	Yonagunijimaku baz=207	0.88 115	P Pn
JYNG	baz=207	S	Sn
JYNG	Yonagunijimaku comp=E,17nm,1.3s,comp=E,11nm,1.9s	0.88 115	A Pn
NJD	Zhudong baz=265	0.89 265	e P Pn
YOJ	Yonaguni jima baz=265	0.93 112	P Pn
YOJ	baz=265	Sn	Sn
YOJ	Yonaguni jima baz=265	0.93 112	P Pn
YOJ	baz=265	Pn	Sn
YOJ	Yonaguni jima baz=265	0.93 112	P Pn
YOJ	baz=265	S	Sn
YOJ	Yonaguni jima comp=E,11nm,3.9s,comp=E,9.0nm,1.1s	0.93 112	A Pn
HWA	Hwalien baz=199	0.94 207	P Pn
HWA	baz=199	e S	Sn
FUSS	Fushou baz=228	0.94 233	↑P Pn
FUSS	baz=228	S	Sn
NHW	Xinwu Township baz=286	0.94 281	P Pn
NHW	baz=286	P	Pn
HSN1	Hsinchu baz=268	0.95 268	P Pn
HSN1	baz=268	S	Sn
HSN1	Emei baz=261	0.97 260	↑P Pn
LIOB	baz=261	Sn	Sn

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LIOB	baz=261	S	Sn	00 31 24.3 +0.5
SBCB	Hsinchu baz=269	0.98 268	↑P Pn	
SBCB	baz=269	i S	Sn	
NSTT	Nanjuang baz=260	0.99 259	↑P Pn	
NSTT	baz=260	i S	Sn	
TWT	Tachien baz=230	0.99 235	↑P Pn	
TWT	baz=230	i S	Sn	
WHF	Hehuan Shan baz=224	0.99 227	↑P Pn	
WHF	baz=224	S	Sn	
HSN	Hsinchu baz=271	0.99 269	P Pn	
HSN	baz=271	i S	Sn	
ETM	Tongmen baz=222	1.00 212	e P Pn	
TDCB	Techi baz=230	1.00 236	↑P Pn	
TDCB	baz=230	i S	Sn	
TEYL	Yanliu Villag baz=199	1.04 204	↑P Pn	
TEYL	baz=199	e S	Sn	
NJN	Zhunan baz=263	1.09 263	e P Pn	
NJN	baz=263	S	Sn	
CHGB	Renai baz=229	1.11 227	↑P Pn	
CHGB	baz=229	e S	Sn	
WHP	Taichung City baz=253	1.15 242	↑P Pn	
WHP	baz=253	i S	Sn	
ESL	Shilin baz=219	1.16 210	↑P Pn	
NMLH	Miaoili baz=257	1.19 256	e P Pn	
NMLH	baz=257	e S	Sn	
WUSB	Renai baz=229	1.20 226	↑P Pn	
WUSB	baz=229	e S	Sn	
TEGC	Jichi Village baz=205	1.21 203	e P Pn	
NSY	Sanyi baz=261	1.25 251	↑P Pn	
NSY	baz=261	S	Sn	
TWQ1	Liyutan baz=249	1.27 248	↑P Pn	
TWQ1	baz=249	S	Sn	
EGFH	Guangfu baz=217	1.29 207	e P Pn	
WPL	Puli Township baz=243	1.29 232	e P Pn	
WCS	Beigang Elemen baz=245	1.30 234	e P Pn	
WCS	baz=245	e S	Sn	
DPDB	Guoxing baz=246	1.30 233	e P Pn	
VWDT	VWDT baz=213	1.36 219	↑P Pn	
VWDT	baz=213	S	Sn	
WDJ	Dajia District baz=251	1.38 250	e P Pn	
WDJ	baz=251	S	Sn	
SMLT	Sun Moon Lake baz=225	1.42 229	↑P Pn	
SMLT	baz=225	i S	Sn	
TYC	Yuchr baz=227	1.43 231	↑P Pn	
TYC	baz=227	e S	Sn	
TCU	Taichung baz=243	1.43 242	e P Pn	
SSLB	Suanguang baz=230	1.45 225	Pn Pn	
SSLB	baz=230	Sn	Sn	
SSLB	Suanguang baz=230	1.45 225	Pn Pn	
SSLB	baz=230	Sn	Sn	
SSLB	Suanguang baz=227	1.45 225	Pn Pn	
SSLB	baz=227	S	Sn	
HGSD	Ruli baz=214	1.45 204	↑P Pn	
HGSD	baz=214	e S	Sn	
WWF	Wufeng baz=209	1.47 238	e P Pn	
EHY	Hungye baz=209	1.48 208	↑P Pn	
WNT1	Nantou City baz=246	1.56 234	e P Pn	
WNT1	baz=246	e S	Sn	
WCHH	Zhanghua baz=243	1.56 242	e P Pn	
WCHH	baz=243	e S	Sn	
WNT	Mingjian baz=245	1.57 234	↑P Pn	
WNT	baz=245	e S	Sn	
WHYT	Xinyi Township baz=236	1.57 225	↑P Pn	
WHYT	baz=236	e S	Sn	
WJS	Zhushan baz=243	1.57 231	e P Pn	
WJS	baz=243	e S	Sn	
YULB	Yu-li baz=208	1.59 206	P Pn	
YULB	baz=208	Sn	Sn	
YULB	Yu-li baz=208	1.59 206	P Pn	
YULB	baz=208	Pn	Sn	
IRIF	Iriomote-Funau baz=213	1.59 107	P Pn	
IRIF	baz=213	e S	Sn	
ECBN	Changbin baz=213	1.60 201	e P Pn	
ECBN	baz=213	e S	Sn	
WYL	Yuanlin Townsh baz=239	1.60 238	e P Pn	
WYL	baz=239	e S	Sn	
EYUL	Yuli baz=207	1.62 205	e P Pn	
TWF1	Yuli baz=207	1.62 206	e P Pn	
TWF1	baz=207	Pn	Sn	
ALS	Alishan baz=233	1.74 222	↑P Pn	
ALS	baz=233	S	Sn	
CHN5	Tsauling baz=237	1.76 226	↑P Pn	
CHN5	baz=237	e S	Sn	
HATJ	Hateruma jima baz=115	1.76 115	P Pn	
HATJ	baz=115	e S	Sn	
HATJ	Hateruma jima comp=E,15nm,2.9s,comp=E,12nm,2.6s	1.76 115	A Pn	
WGK	Gukung baz=241	1.78 231	e P Pn	
WGK	baz=241	S	Sn	
WRL	Guolierlin Hig baz=240	1.79 240	e P Pn	
WRL	baz=240	e S	Sn	
WDLH	Douliu baz=241	1.79 231	e P Pn	
WDLH	baz=241	Pn	Sn	
CHKT	Chengkung baz=196	1.83 201	↑P Pn	
CHKT	baz=196	Pn	Sn	

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CHKT	baz=196	e S	Sn	00 31 20.2 -3.1
EHD	Haiduan baz=207	1.84 205	e P Pn	
EHD	baz=207	Pn	Sn	
JKRS	Kuro-shima baz=207	1.86 108	P Pn	
JKRS	baz=207	e S	Sn	
JKRS	Kuro-shima comp=E,14nm,2.1s,comp=E,12nm,1.8s	1.86 108	A Pn	
ECS	Chishang baz=206	1.89 204	e P Pn	
ECS	baz=206	Pn	Sn	
ELDTW	Lidau baz=205	1.89 211	e P Pn	
ELDTW	baz=205	Pn	Sn	
WTK	Tuku baz=235	1.90 234	e P Pn	
WTK	baz=235	S	Sn	
WCKO	Fanlu baz=226	1.92 224	e P Pn	
WCKO	baz=226	e S	Sn	
WCKO	Fanlu baz=226	1.92 224	e P Pn	
WCKO	baz=226	e S	Sn	
CHN2	Minshiung baz=240	1.94 229	e P Pn	
CHN2	baz=240	e S	Sn	
JIJ	Ishigaki jima comp=E,5.0nm,1.0s,comp=E,4.0nm,0.4s	1.95 103	A Pn	
JIJ	baz=103	e S	Sn	
JIJ	Ishigaki jima comp=E,5.0nm,1.0s,comp=E,4.0nm,0.4s	1.95 103	A Pn	
JIJ	baz=103	Pn	Sn	
EDH	Donglu baz=210	1.97 201	e P Pn	
EDH	baz=210	Pn	Sn	
CHN4	Tsauling baz=225	1.99 223	↑P Pn	
CHN4	baz=225	S	Sn	
CHY	Chiayi baz=230	2.00 229	↑P Pn	
CHY	baz=230	Pn	Sn	
TPUB	Ta-pu baz=233	2.00 221	e P Pn	
TPUB	baz=233	Sn	Sn	
TPUB	Ta-pu baz=233	2.00 221	↑P Pn	
TPUB	baz=233	Pn	Sn	
STYH	Taoyuan baz=210	2.02 216	e P Pn	
STYH	baz=210	e S	Sn	
STYH	Taoyuan baz=210	2.02 216	e P Pn	
STYH	baz=210	e S	Sn	
STYT	Taoyuan baz=210	2.04 216	e P Pn	
STYT	baz=210	e S	Sn	
WSF	Szhu baz=236	2.05 235	e P Pn	
WSF	baz=236	e S	Sn	
WTP	Taipei baz=202	2.06 220	↑P Pn	
WTP	baz=202	e S	Sn	
JISG	Ishigakijimahi baz=206	2.06 96	P Pn	
JISG	baz=206	S	Sn	
JISG	Ishigakijimahi comp=E,5.0nm,1.9s,comp=E,6.0nm,0.7s	2.06 96	A Pn	
JISG	baz=206	e S	Sn	
LONT	Longtian baz=209	2.09 204	e P Pn	
LONT	baz=209	Pn	Sn	
TWK	Hsiunging baz=225	2.12 223	↑P Pn	
TWK	baz=225	e S	Sn	
WSL	Shulin Townsh baz=242	2.12 233	e P Pn	
WSL	baz=242	e S	Sn	
SNST	Tainan City baz=235	2.15 222	e P Pn	
SNST	baz=235	e S	Sn	
CHN1	Nanshi baz=233	2.15 221	↑P Pn	
CHN1	baz=233	S	Sn	
ICHU	Yijhu baz=230	2.19 229	e P Pn	
ICHU	baz=230	e S	Sn	
TWG	Pinlang baz=200	2.19 205	e P Pn	
TWG	baz=200	Pn	Sn	
TWGBT	Beinan baz=201	2.19 205	e P Pn	
TWGBT	baz=201	Pn	Sn	
TWGBT	Beinan baz=201	2.19 205	e P Pn	
TWGBT	baz=201	e S	Sn	
SGST	Jiashian baz=230	2.20 218	e P Pn	
SGST	baz=230	e S	Sn	
LDUT	Ludao baz=194	2.21 194	e P Pn	
LDUT	baz=194	e S		

30d 1h

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like IEM Ermo, JKA Kamikawa-asahi, ASAJ Asahikawa, etc.

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Table with columns for station code, name, frequency, power, and signal quality. Includes stations like PZH comp-Z,220nm,5.9s, BOD Bodaibo, SANI Sanana, etc.

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Table with columns for station code, name, frequency, power, and signal quality. Includes stations like SHLS baz=3003, SHLS Shalkode, WRA Tannant Creek, etc.

O20K	Slope Mountain	54.05	35	P	P	02 02 08.6	+0.9
IMAR	Indian Mountai	54.10	28	P	P	02 02 08.7	+0.9
Q20K	Shuyak Island	54.12	37	P	P	02 02 08.1	+0.1
G21K	Allakaket	54.27	27	P	P	02 02 10.3	+1.2
N20K	Mount Spurr	54.31	34	P	P	02 02 10.6	+1.0
SPCR	Spurr Chakacha	54.31	34	P	P	02 02 10.6	+1.0
F21K	Alatna River	54.38	26	P	P	02 02 10.4	+0.5
PPLA	Purkeypile	54.44	32	IAMB	IAMB	02 02 12.4	
PPLA	Purkeypile	54.44	32	P	P	02 02 12.0	+1.5
H21K	Melozitna Rive	54.44	28	IAMB	IAMB	02 02 12.8	
H21K	Melozitna Rive	54.44	28	P	P	02 02 11.8	+1.5
CHUM	Lake Minchumin	54.46	30	P	P	02 02 11.9	+1.4
CAST	Castle Rocks	54.52	31	IAMB	IAMB	02 02 13.3	
CAST	Castle Rocks	54.52	31	P	P	02 02 12.3	+1.4
SKT	Skwewey Lake	54.68	33	P	P	02 02 12.4	+0.3
BVAO	Borovoye Array	54.69	316	P	P	02 02 12.4	+0.1
BVAR	Borovoye Array	54.69	316	P	P	02 02 12.6	+0.4
BVAR	Borovoye Array	54.69	316	P	P	02 03 09.4	+0.1
BVAR	Borovoye Array	54.69	316	P	P	02 06 26.8	-1.4
BVAR	Borovoye Array	54.69	316	P	P	02 09 19.9	-0.6
I21K	Tanana	54.73	29	IAMB	IAMB	02 02 14.9	
I21K	Tanana	54.73	29	P	P	02 02 13.9	+1.6
CNPM	China Poot	54.74	36	IAMB	IAMB	02 02 14.9	
BRVK	Borovoye	54.75	316	P	P	02 02 12.7	0.0
BRVK	Borovoye	54.75	316	P	P	02 03 09.3	-0.2
BRVK	Borovoye	54.75	316	P	P	02 02 13.0	+0.3
BRLK	Bradley Lake	54.92	35	IAMB	IAMB	02 02 16.1	
F22K	John River	54.92	26	P	P	02 02 15.3	+1.6
BRSE	Bradley Lake S	54.99	35	P	P	02 02 14.7	+0.4
SUA	Susitna One	55.03	33	P	P	02 02 15.0	+0.4
BPAW	Bear Paw Mtn	55.06	30	IAMB	IAMB	02 02 16.9	
BPAW	Bear Paw Mtn	55.06	30	P	P	02 02 15.8	+1.0
G22K	Bettles	55.11	27	P	P	02 02 15.9	+0.9
E22K	Anaktuvuk Pass	55.15	25	P	P	02 02 16.5	+1.2
WRKA	Warakurna	55.19	192	P	P	02 02 16.4	+0.3
MLY	Manley	55.24	29	IAMB	IAMB	02 02 18.3	
MLY	Manley	55.24	29	P	P	02 02 17.1	+1.1
CUT	Chulitna	55.29	32	IAMB	IAMB	02 02 19.1	
CUT	Chulitna	55.29	32	P	P	02 02 16.4	+0.1
TRF	Thorofare Moun	55.33	31	P	P	02 02 16.7	-0.1
TRF	Thorofare Moun	55.33	31	P	P	02 02 17.3	+0.5
M22K	Willow	55.34	33	P	P	02 02 16.5	-0.2
O22K	Cooper Landing	55.51	35	IAMB	IAMB	02 02 31.5	
O22K	Cooper Landing	55.51	35	P	P	02 02 18.2	+0.4
RC01	Rabbit Creek A	55.51	34	P	P	02 02 17.9	0.0
SEW	Seward	55.64	35	IAMB	IAMB	02 02 20.1	
SEW	Seward	55.64	35	P	P	02 02 18.7	-0.1
COLD	Coldfoot	55.65	26	P	P	02 02 19.9	+1.1
D23K	Nanushuk River	55.67	24	P	P	02 02 20.2	+1.4
G23K	Bananza Creek	55.67	27	P	P	02 02 20.4	+1.4
NIL	Nilore	55.70	293	P	P	02 02 21.1	+1.3
NIL	Nilore	55.70	293	P	P	02 02 21.1	+1.3
NIL	Nilore	55.70	293	P	P	02 02 21.1	+1.3
KK31	Karatay Array	55.76	304	P	P	02 02 20.5	+0.4
KK31	Karatay Array	55.76	304	P	P	02 02 20.5	+0.4
KKAR	Karatay Array	55.76	304	P	P	02 02 20.5	+0.5
KKAR	Karatay Array	55.76	304	P	P	02 02 20.5	+0.5
H23K	Yukon River	55.80	28	P	P	02 02 21.5	+1.6
PMR	Palmer	55.81	33	IAMB	IAMB	02 02 21.7	
PMR	Palmer	55.81	33	P	P	02 02 20.2	+0.2
I23K	Minto, Yukon-K	55.83	29	P	P	02 02 21.1	+1.1
NEA2	Nenana	55.92	30	IAMB	IAMB	02 02 22.7	
NEA2	Nenana	55.92	30	P	P	02 02 21.5	+0.7
MCK	McKinley	55.95	31	IAMB	IAMB	02 02 22.4	
MCK	McKinley	55.95	31	P	P	02 02 21.2	+0.2
E23K	Chandler	55.95	25	P	P	02 02 22.2	+1.2
WAT1	Susitna Watana	56.10	32	P	P	02 02 22.2	+0.2
KNK	Knik Glacier	56.13	33	P	P	02 02 22.2	-0.1
KNK	Knik Glacier	56.13	33	P	P	02 02 22.3	0.0
SML	Sawmill	56.19	33	IAMB	IAMB	02 02 24.2	
SML	Sawmill	56.19	33	P	P	02 02 23.1	+0.4
PWL	Port Wells	56.19	34	IAMB	IAMB	02 02 24.1	
PWL	Port Wells	56.19	34	P	P	02 02 23.0	+0.3
IUG	Iuzhny	56.28	303	P	P	02 02 24.8	+0.9
IUG	Iuzhny	56.28	303	P	P	02 02 24.7	+0.9
E24K	Your Creek	56.38	25	P	P	02 02 25.0	+1.1
C24K	Franklin Bluff	56.45	23	P	P	02 02 25.3	+1.0
T20K	CIGO, UAF Yank	56.45	29	P	P	02 02 25.1	+0.7
COLA	College	56.46	29	P	P	02 02 25.1	+0.7
COLA	College	56.46	29	P	P	02 02 25.4	+1.0
WAT6	Susitna Watana	56.47	32	P	P	02 02 25.0	+0.2
M23K	Glacier View	56.48	33	P	P	02 02 24.8	+0.1
H24K	Noodor Dome	56.48	28	P	P	02 02 25.9	+1.2
CHMK	Chimkent	56.56	303	eP	P	02 02 26.3	+0.6
CHM	Chimkent	56.56	303	eP	P	02 02 26.2	+0.6
CHM	Chimkent	56.56	303	eP	P	02 02 26.2	+0.6
F24K	Squaw Lake	56.57	26	P	P	02 02 26.7	+1.5

DHY	Denali Highway	56.64	31	P	P	02 02 26.3	+0.3
POKR	Poker Plat Res	56.64	29	IAMB	IAMB	02 02 28.0	
POKR	Poker Plat Res	56.64	29	P	P	02 02 26.4	+0.6
SCM	Sheep Creek Mo	56.67	33	IAMB	IAMB	02 02 27.2	
SCM	Sheep Creek Mo	56.67	33	P	P	02 02 26.7	+0.6
P23K	Montague Islan	56.67	35	P	P	02 02 26.7	+0.7
G24K	Hadweenzic Riv	56.68	27	P	P	02 02 27.6	+1.5
GAR	Garm	56.72	299	P	P	02 02 26.7	-0.2
HDA	Harding Lake	56.84	30	IAMB	IAMB	02 02 27.8	
HDA	Harding Lake	56.84	30	P	P	02 02 26.9	-0.2
INKA	Innaminka	56.85	179	P	P	02 02 27.6	0.0
ILAR	Eielson Array	56.87	29	P	P	02 02 26.9	-0.4
ILAR	Eielson Array	56.87	29	P	P	02 02 26.6	-0.7
ILAR	Eielson Array	56.87	29	P	P	02 02 27.0	-0.4
OOD	Oodnadatta	57.00	184	P	P	02 02 28.8	+0.1
24K	Tolsona, Glenn	57.21	33	P	P	02 02 30.6	+0.8
MLU	Klutina	57.35	33	IAMB	IAMB	02 02 40.6	
KLU	Klutina	57.35	33	P	P	02 02 31.6	+0.9
K24K	Dobelly Dome	57.35	31	P	P	02 02 31.4	+0.7
F25K	Christian River	57.43	26	P	P	02 02 33.0	+1.8
PRP	Purcupine Dome	57.45	29	P	P	02 02 31.8	+0.3
EYAK	Cordova Ski Ar	57.47	34	P	P	02 02 32.2	+0.6
E25K	Arctic Village	57.48	25	P	P	02 02 33.1	+1.6
PAX	Paxson	57.51	32	P	P	02 02 32.6	+0.7
HARP	HAARP	57.67	32	P	P	02 02 34.0	+1.0
RIDG	Independent Ri	57.77	31	IAMB	IAMB	02 02 34.6	
RIDG	Independent Ri	57.77	31	P	P	02 02 33.6	0.0
C26K	Candle Bay	57.77	23	P	P	02 02 35.2	+1.7
N25K	Chitina, Valde	57.97	33	P	P	02 02 35.9	+0.8
F26K	Shenick River	58.01	26	P	P	02 02 36.8	+1.7
BMRM	Bremner River	58.01	34	IAMB	IAMB	02 02 37.1	
BMRM	Bremner River	58.01	34	P	P	02 02 36.1	+0.8
SCRK	Sand Creek	58.14	30	IAMB	IAMB	02 02 37.4	
SCRK	Sand Creek	58.14	30	P	P	02 02 36.5	+0.2
C27K	Jago River	58.19	24	P	P	02 02 37.7	+1.4
J26L	Joseph Creek	58.30	30	IAMB	IAMB	02 02 38.2	
J26L	Joseph Creek	58.30	30	P	P	02 02 37.4	+0.1
MENT	Mentasta	58.31	32	IAMB	IAMB	02 02 39.3	
L26K	Log Cabin Wild	58.47	31	P	P	02 02 39.4	+0.9
M26K	Nabesna, AK	58.68	32	P	P	02 02 40.7	+0.9
KBL	Kabul	58.83	295	P	P	02 02 41.0	-0.6
KBL	Kabul	58.83	295	P	P	02 02 41.0	-0.6
E27K	Coleen River	58.96	25	P	P	02 02 43.0	+1.4
G27K	Doyon Strip	58.99	27	P	P	02 02 42.9	+1.0
I27K	Kandil River	59.07	28	P	P	02 02 43.3	+0.8
H27K	Steamboat Moun	59.07	28	P	P	02 02 44.0	+1.6
L27K	Beaver Creek,	59.16	31	P	P	02 02 44.1	+1.0
M27K	Edge Creek, AK	59.20	32	P	P	02 02 44.4	+0.9
MEEK	Meekatharra	59.20	202	P	P	02 02 43.5	-0.3
EGAK	Eagle	59.32	29	P	P	02 02 44.5	+0.4
LCRK	Leigh Creek	59.55	181	P	P	02 02 46.7	+0.7
BVCY	Beaver Creek	59.67	32	P	P	02 02 47.3	+0.8
SVE	Sverdljovsk	59.90	321	eP	P	02 02 48.4	+0.3
YUK3	Moose Creek	59.92	33	P	P	02 02 49.1	+0.7
DAWY	Dawson	60.15	30	P	P	02 02 50.3	+0.5
DAWY	Dawson	60.15	30	P	P	02 02 50.5	+0.8
O28M	Mount Upton	60.18	34	P	P	02 02 51.2	+0.9
PINM	Pinnacle	60.24	35	P	P	02 02 51.2	+0.8
YUK8	Steele Glacier	60.32	33	P	P	02 02 52.3	+1.2
I29M	Oglike Camp,	60.47	29	P	P	02 02 53.0	+1.2
J29M	Klondike Camp	60.62	30	IAMB	IAMB	02 02 55.0	
J29M	Klondike Camp	60.62	30	P	P	02 02 54.1	+1.2
PNL	Peninsula	60.73	35	P	P	02 02 54.4	+0.7
PNL	Peninsula	60.73	35	P	P	02 02 54.7	+1.1
M29M	Somme Creek	60.77	32	P	P	02 02 55.5	+1.5
L29M	L29M	60.83	31	P	P	02 02 56.0	+1.7
FORT	Forrest	60.84	191	P	P	02 02 55.0	+0.4
YUK4	Talbot Arm	60.84	33	P	P	02 02 56.1	+1.5
STKA	Stevens Creek	60.99	178	P	P	02 02 55.7	0.0
EPYK	Eagle Plains	61.00	27	P	P	02 02 56.5	+1.2
K29M	Barlow Dome	61.00	30	P	P	02 02 56.8	+1.3
O29M	Mount Kennedy	61.04	34	P	P	02 02 57.5	+1.7
YUK6	Outpost Mounta	61.04	34	P	P	02 02 57.4	+1.4
ARU	Arti	61.10	321	P	P	02 02 56.3	+0.2
ARU	Arti	61.10	321	P	P	02 02 55.4	-0.7
ARU	Arti	61.10	321	P	P	02 02 56.2	+0.1
ARU	Arti	61.10	321	P	P	02 02 43.8	+1.2
ARU	Arti	61.10	321	P	P	02 14 47.0	-3.2
G30M	Arti	61.11	27	P	P	02 02 56.8	+0.7
HYT	Haines Junctio	61.47	34	P	P	02 02 59.6	+0.9
HYT	Haines Junctio	61.47	34	P	P	02 03 00.3	+1.6
M30M	Minto, Yukon	61.52	32	IAMB	IAMB	02 03 00.6	
M30M	Minto, Yukon	61.52	32	P	P	02 03 00.2	+1.3
P29M	Windy Craggy	61.56	35	IAMB	IAMB	02 03 01.3	
P29M	Windy Craggy	61.56	35	P	P	02 03 00.6	+1.4
AB31	Akbulak array	61.73	313	eP	P	02 03 00.4	-0.1

ABKAR

Table with columns: Code, Station Name, Az, El, Op, P, Time, Res. Includes stations like PV11 David Mesa, PA, V13 Radium Mtn., N23A Red Feather L, etc.

Table with columns: THAS, comp, S, Sg, 01 56 36.1 +0.3, etc. Includes stations like THAS Thassos Island, THAS Thassos Island, etc.

Table with columns: SGR, SIGRI, 1.93 152 P, Pn, 01 56 57.2 -0.6, etc. Includes stations like SGR Xorichiti, SIGRI Xorichiti, etc.

BEO 30 01:56:18.5-0.6, 40:58N-25:00E, h0km, ML4.5/10
DDA 30 01:56:21.8-0.0, 40:86N-24:43E, h20km,2km, MW4.2
ISA 30 01:56:22.9, 40:92N-24:68E, h5km, ML4.4/25
SOF 30 01:56:22.9, 40:86N-24:78E, h6km, MD4.1
PDG 30 01:56:24.7-0.5, 40:92N-24:68E, h15km, ML3.9/8, Error ellipse: s-maj=0.4km s-min=0.4km az=0
ATH 30 01:56:24.8, 40:95N-24:72E, h12km, ML3.8/16, Error ellipse: s-maj=1.3km s-min=0.6km az=352.0
THE 30 01:56:24.6, 40:94N-24:71E, h11km, ML3.9/16, Error ellipse: s-maj=0.7km s-min=0.4km az=200.0
NEIC 30 01:56:25.4-0.6, 40:94N-0:04-24:68E-0.05, h10km,2km, mb4.0/2, ML3.0(1E), ML4.1(SOF), Error ellipse: s-maj=7.8km s-min=4.8km az=46.0
CFUSG 30 01:56:25.1, 40:83N-24:82E, h10km, Aegean Sea Magtype MSH 3.6 from 2 stations
IDC 30 01:56:26.95-5.8, 40:95N-24:80E, h24km,44km, mb3.6/5, mbmp3.7/9, ML3.6/4, MS3.3/5, Error ellipse: s-maj=15.0km s-min=13.2km az=14.0
ISC 30 01:56:25.0-0.8, 40:93N-0:02-24:71E-0.01, h10km,6km, h265, s1935/312, mb3.6, 40C-26D, Aegean Sea

30d 3h

Table with columns for station name, elevation, and other data. Includes stations like LUL, RYN, YERR, etc.

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Table with columns for station name, elevation, and other data. Includes stations like CCUT, LCMT, DUG, etc.

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Table with columns for station name, elevation, and other data. Includes stations like PPLA, PPLA, OHAK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TABL Table Mountain, IMAR Indian Mountain, H23K Yukon River, etc.

WEL 30 03:27:02.8, 0.4, 42.2'S, 177.4'E, h11km, M3.6/78, ML3.4/19, MLV3.6/78, Error ellipse: s-maj=0.0km s-min=0.0km az=152.3, confirmed

ISL 30 03:27:02.8, 0.4, 42.01'S, 174.30'E, h11km, MLV3.5/8, Off E. Coast of S. Island, N.Z.

ISL 30 03:27:02.8, 0.1, 41.87'S, 174.03'E, h14km, 7km, n87, c1950/89, Cook Strait

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CMWZ Cape Campbell, BSWZ Blackbirch Sta, BSWZ Tuamarina, etc.

ISL 30 03:27:44.2, 1.36, 52'S, 177.32'E, h0km, mb3.8/2, mbtm3.8/3, ML3.7/1, MS3.7/3, Error ellipse: s-maj=48.8km s-min=23.2km az=81.0

WEL 30 03:27:45.7, 1.6, 37.9'S, 179.9'E, 1.0, h14km, 7km, M3.7/13, ML4.0/12, MLV3.7/13, Error ellipse: s-maj=0.0km s-min=0.0km az=123.2, confirmed

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MXZ Matakoaka Point, WMGZ Waiomatatini S, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PKGZ Pakihiroa, PUZ Puketiti, HAZ Te Kaha, etc.

ISL 30 03:34:37.8, 5.4, 58'S, 153.72'E, h120km, 32km, mb3.3/4, mbtm3.5/5, Error ellipse: s-maj=51.8km s-min=21.1km az=110.0

ISL 30 03:34:36.6, 1.3, 46'S, 153.9'E, 0.1, h100km, n7, c180/9, mb3.3/4, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), KRVT Keravat, PMG Port Moresby, etc.

ISL 30 03:49:35.4, 17.0, 21'S, 155.177, h393km, 117km, mb3.0/2, mbtm3.7/3, Error ellipse: s-maj=293.2km s-min=36.3km az=143.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MSVF Nonsau, ASAR Akasongoa Springs, etc.

ISL 30 03:50:16.6, 1.1, 56.87'S, 30.63'W, h0km, mb3.8/4, mbtm3.8/4, MS3.5/4, Error ellipse: s-maj=56.0km s-min=26.2km az=87.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMSA Palmer Station, GSPA South Pole Qui, etc.

ISL 30 03:58:59.1, 16.27'S, 167.85'E, h103km, mb4.2/10, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NOV Devils Point, RVP Rontopao, etc.

ISL 30 04:09:25.7, 6.9, 3.78'S, 128.45'E, h130km, 81km, mb3.2/2, mbtm3.9/4, Error ellipse: s-maj=85.0km s-min=20.3km az=84.0

DJA 30 04:09:28.0, 0.7, 4.5, 7.12'S, 12.8'E, h123km, 6km, M3.3/7, MLV3.3/7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AAI Ambon, MSAI Masohi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 30 04:18:18.1, 3.1, 11.22'S, 161.81'E, h0km, mb3.9/3, mbtm4.1/4, ML4.6/1, MS3.2/5, Error ellipse: s-maj=59.0km s-min=32.3km az=90.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, etc.

NNC 30 04:28:02.0, 5.4, 84'N, 79.30'E, h0km, mb3.2, mpv3.0, Error ellipse: s-maj=5.1km s-min=3.4km az=135.0

SOME 30 04:28:04.0, 4.2, 44.87'N, 79.32'E, h20km, ISL 30 04:28:04.0, 1.2, 44.99'N, 0.03, 79.44'E, 0.04, h1km, 11km, n34, c065/59, 2C-1D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DJR JarKent, DJR JarKent, etc.

ISL 30 04:28:02.0, 1.1, 56.87'S, 30.63'W, h0km, mb3.8/4, mbtm3.8/4, MS3.5/4, Error ellipse: s-maj=56.0km s-min=26.2km az=87.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SHLS Shalke, SHLS Shalke, etc.

ISL 30 04:28:02.0, 1.1, 56.87'S, 30.63'W, h0km, mb3.8/4, mbtm3.8/4, MS3.5/4, Error ellipse: s-maj=56.0km s-min=26.2km az=87.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like UZB Uzynbulak, UZB Uzynbulak, etc.

ISL 30 04:28:02.0, 1.1, 56.87'S, 30.63'W, h0km, mb3.8/4, mbtm3.8/4, MS3.5/4, Error ellipse: s-maj=56.0km s-min=26.2km az=87.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KUU Kurty, KUU Kurty, etc.

ISL 30 04:28:02.0, 1.1, 56.87'S, 30.63'W, h0km, mb3.8/4, mbtm3.8/4, MS3.5/4, Error ellipse: s-maj=56.0km s-min=26.2km az=87.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MDOK Medeo, MDOK Medeo, etc.

30d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Makanchi Array, MTB3, MTBS, KRBS, etc.

ADC 30 04:29:34.6:1.9,11'21S:162'30E,h0km,mb3.5/4, mbmt3.5/4,ML5.61,MS3.78, Error ellipse: s-maj=38.9km s-min=33.2km az=132.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Honiara, DZM, KRVT, etc.

TAP 30 04:44:10.1,24'25N:121'68E,h14km,1km,ML1.5,C,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Heping Village, Fush Village, NACB, etc.

JMA 30 04:44:12.0:0.1,24'22N:0'5:123'7E:0.4,h24km,1km, MW1.8/9,NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Hateruma jima, Iriomote-Funau, etc.

ADC 30 05:20:52.1:0.7,55'12S:30'66W,h0km,mb4.2/8, mbmt4.2/8,MS3.721, Error ellipse: s-maj=30.0km s-min=17.4km az=63.0

NEIC 30 05:20:53.9:1.5,55'25S:0'1:30'7W:0.2,h10km,1km, mb4.7/42, Error ellipse: s-maj=20.9km s-min=15.2km az=210.0

ISC 30 05:20:53.6:0.5,55'16S:0'0:30'74W:0.09,h10km,n83, c0589/62,mb4.6/26,MS3.7/20, South Sandwich Islands region

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE, VNA3, SNA, SNA, SNA, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PZH, GTA, ZALV, INK, M27K, etc.

WEL 30 05:24:12.9:1.6,31'S:34'18'0E:6'0,h375km,89gkm, M4.5/4,mB4.2/2,ML4.6/8,MLV4.5/4,Mw(mB)3.3/2, Error ellipse: s-maj=0.1km s-min=0.0km az=111.8, confirmed, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like M3X, WMGZ, HAZ, HAZ, etc.

ADC 30 06:06:34.5:2.7,0'44N:123'75E,h222km,26km,mb3.9/12, mbmt4.4/12, Error ellipse: s-maj=35.9km s-min=10.0km az=63.0

NEIC 30 06:06:34.0:1.6,0'41N:10'05:123'78E:0.07,h212km,7km, mb4.6/30, Error ellipse: s-maj=10.6km s-min=7.1km az=103.0

ISC-EH 30 06:06:34.5:0.35N:123'71E,h220km,3km, Error ellipse: s-maj=8.5km s-min=4.0km az=61.0

DJA 30 06:06:36.2:0.5,0'N:3'12'4E:1,h177km,7km,M4.4/10, mb4.3/1,MLV4.5/10

ISC 30 06:06:34.3:0.4,0'36N:0'05:123'82E:0.05,h218km,n84, c1930/94,mb4.5/34, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GTOI, LUWI, LUWI, etc.

WRA Warramunga Arr 22.66 154 P P 06 11 16.4 -0.2

ASAR Alice Springs 29.72 242 P P 06 11 09.1 +0.4

ASAR 0.7mm,0.4s,baz=353,slow=2.7,SNR=5.0 ScP 06 18 28.0 -0.2

QIS Mount Isa 25.90 144 P P 06 11 47.6 +1.1

PHRA Phrae 29.35 309 P P 06 12 18.1 +1.0

CTA Charters Tower 29.94 134 P P 06 12 38.3 +1.5

OOD Oodnadatta 30.23 159 P P 06 12 25.8 +1.1

CMAR Chiang Mai Arr 30.33 308 P P 06 12 26.6 +0.8

CHTO Chiang Mai 30.53 308 P P 06 12 28.1 +0.5

FORT Forrest 31.23 173 P P 06 12 33.6 +0.1

FORT 31.23 173 P Iamb Iamb 06 12 35.0

FORT Forrest 31.23 173 P P 06 12 34.2 +0.7

NJ2 Nanjing 31.87 352 eP pmax pmax 06 12 40.5 +1.5

MULG Mulgathing 32.00 163 P P 06 12 41.3 +1.1

LCKR Leigh Creek 33.56 157 P P 06 12 54.1 +0.3

PZH Panzhihua 33.57 322 pmax pmax 06 12 54.8 +0.7

PZH 33.57 322 pmax pmax 06 12 54.8 +0.7

JMN Monobe 34.51 15 P P 06 13 02.0 +0.1

JMN 34.51 15 P Iamb Iamb 06 13 28.0

BBOO Buckleboo 34.96 162 P P 06 13 05.6 -0.2

BBOO 34.96 162 P Iamb Iamb 06 13 38.6

BBOO Buckleboo 34.96 162 P P 06 13 06.1 +0.3

Table with columns: AZU, comp=Z, 0.46nm, 0.6s, 4.59 357, Pn, 07 35 55.1, -2.2, etc. Lists various astronomical objects and their coordinates.

Table with columns: NVAR, comp=Z, 1.4nm, 1.0s, 47.22 321, P, P, 07 43 22.2, +1.2, etc. Lists various astronomical objects and their coordinates.

Table with columns: BATI, Baumata, 1.06 182, P, Pn, 08 25 17.9, +4.2, etc. Lists various astronomical objects and their coordinates.

30d 10h

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for various stations like ZALV, KEM, MK31, etc.

RSNC 30 09:59:16.7-0.9, 742N-72.81W, h115km, gkm, ML1.1, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations in Northern Colombia like PAMC, BARC, etc.

IDC 30 10:00:20.7-6.4, 49.02N-34.35E, h0km, mbtmp2/1, ML2.7/1, Error ellipse: s-maj=63.6km s-min=50.7km

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations in Ukraine-Moldova-Southwestern Russia region like AKASG, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like I43RU, I31KZ, etc.

REN 30 10:27:03.3-2.0, 38.86N-0.03-1.16:38W:0.03, h0km, gkm, ML2.6/7, ML2.4/92(NEIC), Error ellipse: s-maj=4.9km

NEIC 30 10:27:03.4-1.6, 38.89N-0.03-1.16:38W:0.02, h5km, gkm, Error ellipse: s-maj=3.8km s-min=2.5km az=186.0, Nevada

Large table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for numerous stations including Carvers, Q09A, R11A, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations like NLU, PKCU, SPUT, etc.

NEIC 30 10:38:03.7-1.6, 20.9S:0.1-1.77:9W:0.1, h470km, gkm, mb4.5/40, Error ellipse: s-maj=20.8km s-min=16.9km

ISC 30 10:38:04.8-0.4, 21.02S:0.06-1.77:91W:0.08, h500km, n110, s1442/119, mb4.4/35, Fiji Islands region

Large table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for numerous stations including MSVF, NIUE, GLKZ, etc.

CTA 30 10:42:02.7-0.2, 16.1N:160.5E, Charters Tower

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details for stations in the Charters Tower region like CTAC, PMG, STKA, etc.

30d 11h

CMAR	comp=Z,1.4nm,0.8s,baz=124,slow=2.7,SNR=10	LR	LR	11 52 48.1
LVC	comp=Z,1.3nm,20.7s,baz=245,slow=34			11 46 59.2
YKA	comp=Z,0.3nm,0.7s,baz=116,slow=4.7,SNR=3.6			11 15 55.5 +0.0
SONM	comp=Z,2.1nm,19.2s,baz=168,slow=36			11 58 57.1
AKASG	comp=Z,2.0nm,0.3s,baz=146.05,slow=2.9,SNR=8.2	PKPbc	PKIKP	11 29 26.4 +0.7
CLL	comp=Z,2.28nm,1.7s	e(PKPAb)	PKPab	11 19 40.0 +0.6
CLL	comp=Z,2.28nm,1.7s	ex	x	11 19 49.0
BRTR	comp=Z,0.8nm,0.9s,baz=101,slow=4.6,SNR=2.3	PKPbc	PKPab	11 19 39.3 -2.5
GERES	comp=Z,2.0nm,0.7s,baz=58,slow=4.1,SNR=2.4	PKPbc	PKPab	11 19 44.2 -4.9
TORD	comp=Z,2.0nm,0.7s,baz=170.32,slow=2.9,SNR=3.0	PKPab	PKPab	11 21 14.5 +7.0

KRSC 30 11:14:59.9.0.9.5214.N.159.46E,h56km,13km,ML3.5, Off east coast of Kamchatka Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
RUS	Russkaya	0.65	297	Op	ISC	h m s ISC
RUS	Russkaya			eS	Pn	11 15 14.1 +0.8
RUS	Russkaya			eS	Pn	11 15 23.4 +0.4
KDTR	Khodutka, Kamc	0.92	249	eP	Pn	11 15 17.4 +0.7
KDTR	Khodutka, Kamc			eS	Pn	11 15 29.1 0.0
GRL	Gorelyy	0.95	296	eP	Pn	11 15 19.4 +2.2
GRL	Gorelyy			eS	Pn	11 15 32.8 +2.9
DALK	Dalny	0.99	334	eP	Pn	11 15 18.7 +1.1
DALK	Dalny			eS	Pn	11 15 31.8 +1.1
PET	Petrovskovsk	1.01	331	eP	Pn	11 15 19.1 +1.2
PET	Petrovskovsk			eS	Pn	11 15 32.9 +1.3
SPN	Mys Shipunskii	1.01	19	eP	Pn	11 15 19.7 +1.7
SPN	Mys Shipunskii			eS	Pn	11 15 33.4 +2.1
NLC	Nalytchevo	1.03	356	eP	Pn	11 15 19.6 +1.4
NLC	Nalytchevo			eS	Pn	11 15 33.2 +1.5
KRM	Karymshinskiy	1.07	311	eP	Pn	11 15 20.0 +1.4
KRM	Karymshinskiy			eS	Pn	11 15 33.9 +1.4
UGLR	Uglovaya	1.14	340	eP	Pn	11 15 21.3 +1.6
SDLR	Sedlovina	1.19	343	eP	Pn	11 15 21.7 +1.3
SMAR	Somma	1.19	341	eP	Pn	11 15 21.9 +1.4
AVH	Avacha	1.21	343	eP	Pn	11 15 22.3 +1.7
KRER	Koryakskii	1.24	340	eP	Pn	11 15 23.8 +1.6
KOK	Koryaka	1.26	337	eP	Pn	11 15 23.1 +1.8
KRX	Arik	1.31	338	eP	Pn	11 15 23.7 +1.6
APC	Apacha	1.61	300	eP	Pn	11 15 28.1 +2.2
APC	Apacha			eS	Pn	11 15 48.0 +2.0
GNC	Ganally	1.81	330	eP	Pn	11 15 31.5 +1.7
MKZ	Mys Kozlova	2.77	28	eP	Pn	11 15 33.1 +1.7
TUMR	Tumrok	3.17	7	eP	Pn	11 15 50.9 +3.5
KBTR	Krutoberegovo	4.53	24	eP	Pn	11 16 08.5 +2.8

IDC 30 11:21:46.6.1.6.18.49N,145.50E,h210km,17km, mb3.7/19,mbtmp/4.3/21,MS2.9/1, Error ellipse: s-maj=17.5km s-min=9.0km az=84.0

ISC-EH 30 11:21:47.4.18.51N,145.50E,h212km,6km, Error ellipse: s-maj=7.8km s-min=4.4km az=94.0

NEIC 30 11:21:48.0.1.8.18.50N,145.50E,h212km,9km, mb4.3/47, Error ellipse: s-maj=22.7km s-min=11.8km az=85.0

ISC 30 11:21:46.0.0.5.18.48N,145.06E,h210km,n82, o#95977,mb4.2/39,Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
GUMO	Guam	4.90	188	Op	ISC	h m s ISC
GUMO	Guam			S	Pn	11 23 00.5 +1.3
GUMO	Guam			S	Pn	11 23 57.3 +0.4
GUMO	Guam	12.1nm,0.3s,baz=2.3,slow=2.2,SNR=7.0				
GUMO	Guam	4.90	188	Pn	Pn	11 22 59.0 -0.2
GUMO	Guam	4.90	188	Pn	Pn	11 23 56.4 +2.6
JHU2	Mitsune	15.46	342	P	Pn	11 25 14.8 +1.1
INU	Inuyama	18.43	337	P	Pn	11 25 46.6 +0.2
INU	Inuyama			IAMB	IAMB	11 26 18.4
JGF	Kuroka	18.54	339	P	Pn	11 25 48.4 +0.8
JGF	Kuroka			IAMB	IAMB	11 25 50.6
MJAR	Matsushiro	19.12	342	P	Pn	11 25 53.2 -0.7
MJAR	Matsushiro	comp=Z,2.7nm,0.4s,baz=167,slow=9.9,SNR=22.0				
MAJO	Matsushiro	19.13	342	P	Pn	11 25 54.0 0.0
MAJO	Matsushiro			IAMB	IAMB	11 26 18.6
MJB9	Matsu-Tunnel	19.13	342	P	Pn	11 25 55.1 +1.1
MJB9	Matsu-Tunnel			IAMB	IAMB	11 26 19.6
JMM	Marumori	19.76	349	P	Pn	11 26 02.7 +1.9
H1S3	WAKE ISLAND Hy 20 06	8.7	T	T	Pn	11 47 09.3
H1S3	WAKE ISLAND Hy 20 06			T	T	11 47 10.1
H1S1	WAKE ISLAND Hy 20 06	8.7	T	T	Pn	11 47 10.1
H1S2	WAKE ISLAND Hy 20 07	8.7	T	T	Pn	11 47 16.0
H1N1	WAKE ISLAND Hy 20 20	8.1	T	T	Pn	11 47 26.4
H1N2	WAKE ISLAND Hy 20 21	8.3	T	T	Pn	11 47 27.0
H1N3	WAKE ISLAND Hy 20 22	8.3	T	T	Pn	11 47 31.3
JSD	Sado	20.50	343	P	Pn	11 26 09.6 +0.9
JTM	Tenmabayashi	22.57	351	P	Pn	11 26 29.7 +0.4
KSRS	Korea Array	24.41	324	P	Pn	11 26 44.4 -1.7
ASAJ	Asahikawa	25.68	355	P	Pn	11 26 58.9 +1.4
ASAJ	Asahikawa	comp=Z,1.1nm,0.6s,baz=234,slow=11,SNR=13				
YSS	Yuzh-Sakhalins	28.49	356	P	Pn	11 27 23.2 +0.7
KLR	Kul'dur	32.64	343	P	Pn	11 27 58.5 -0.4
PETK	Petrovskovsk	35.84	13	P	Pn	11 28 26.8 +0.5
WB0	Warramunga Arr	39.55	197	P	Pn	11 28 58.0 +0.2
WB0	Warramunga Arr			IAMB	IAMB	11 28 59.6
WR0	Warramunga Arr	39.70	196	P	Pn	11 28 58.8 -0.1
WR0	Warramunga Arr			IAMB	IAMB	11 29 00.1
WB2	Warramunga Arr	39.73	197	P	Pn	11 28 59.9 +0.6
WB2	Warramunga Arr			IAMB	IAMB	11 29 00.3
WRA	Warramunga Arr	39.73	197	P	Pn	11 28 59.3 0.0
WRA	Warramunga Arr	comp=Z,2.2nm,0.4s,baz=170,slow=9.9,SNR=45				
WRA	Warramunga Arr	39.73	197	P	Pn	11 29 00.3 +1.0
FITZ	Fitzroy Crossi	41.28	209	P	Pn	11 29 13.0 +0.1
SONM	Songino Array	43.23	322	P	Pn	11 29 27.4 -0.2
SONM	Songino Array	comp=Z,1.5nm,0.6s,baz=134,slow=8.0,SNR=11				
SONM	Songino Array	43.23	322	P	Pn	11 29 28.2 +0.7
ASAR	Alice Springs	44.03	196	P	Pn	11 29 28.9 -0.1
ASAR	Alice Springs	comp=Z,1.0nm,0.5s,baz=16,slow=6.9,SNR=34				
DZM	Mont Dzumac	45.19	152	P	Pn	11 29 43.2 -0.1
DZM	Mont Dzumac	comp=Z,5.6nm,0.5s,baz=240,slow=3.1,SNR=8.5				
DZM	Mont Dzumac	45.19	152	P	Pn	11 29 43.6 +0.3
DZM	Mont Dzumac			IAMB	IAMB	11 29 43.8
OUENC	Ouen Island, N	45.67	152	P	Pn	11 29 47.4 +0.5
OUENC	Ouen Island, N			IAMB	IAMB	11 29 52.2
MSVF	Nonsavu	48.12	137	LR	LR	11 49 04.5
UNV	Unalaska Valle	50.92	35	P	Pn	11 30 26.5 -0.1
AKUT	Akutan	51.43	34	P	Pn	11 30 30.6 +0.2
BBOO	Buckleboe	51.80	190	IAMB	IAMB	11 30 33.5 +0.7
BBOO	Buckleboe			IAMB	IAMB	11 30 52.0
SDPT	Sand Point	54.73	34	P	Pn	11 30 54.6 0.0
ZAA0	Zalesovo Array	58.10	323	P	Pn	11 31 16.6 -1.8
ZALV	Zalesovo Beam	58.10	323	P	Pn	11 31 16.9 -1.4
ZALV	Zalesovo Beam	comp=Z,0.9nm,0.4s,baz=128,slow=8.1,SNR=4.8				
ZALV	Zalesovo Beam	58.10	323	P	Pn	11 31 16.8 -1.6

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MK31	Makanchi Array	58.51	314	P	Pn	11 31 20.6 -0.7
MKAR	Makanchi Array	58.51	314	P	Pn	11 31 21.2 -0.1
MKAR	Makanchi Array	comp=Z,0.4nm,0.5s,baz=106,slow=6.5,SNR=4.8				
MKAR	Makanchi Array	58.51	314	P	Pn	11 32 07.2 +1.5
KDAD	Kodiak Island	59.62	33	P	Pn	11 31 28.8 +0.1
KDAD	Kodiak Island	comp=Z,1.4nm,1.2s,baz=48,slow=1.6,SNR=17				
NR1K	Noril'sk	61.77	340	P	Pn	11 31 42.4 -0.6
NR1K	Noril'sk	comp=Z,2.6nm,0.6s,baz=112,slow=7.6,SNR=6.6				
BPWW	Bear Paw Mtns	62.02	26	P	Pn	11 31 44.5 -0.3
BPWW	Bear Paw Mtns			IAMB	IAMB	11 31 52.6
MLY	Manley	62.38	25	P	Pn	11 31 47.8 +0.6
MLY	Manley	comp=Z,3.0nm,0.7s				
WRH	Wood River Hill	63.33	26	P	Pn	11 31 52.6 -0.9
MDM	Murphy Dome	63.39	26	P	Pn	11 31 54.8 +1.0
MDM	Murphy Dome			IAMB	IAMB	11 32 08.2
IL31		63.91	26	P	Pn	11 31 56.0 -1.1
IL31				IAMB	IAMB	11 32 39.8
ILAR	Eielson Array	63.91	26	P	Pn	11 31 55.7 -1.5
ILAR	Eielson Array	comp=Z,1.4nm,0.7s,baz=252,slow=5.3,SNR=20				
ILAR	Eielson Array	63.91	26	P	Pn	11 31 55.9 -1.3
PAX	Paxson	64.17	28	P	Pn	11 31 59.1 0.0
PAX	Paxson			IAMB	IAMB	11 31 59.6
RIDG	Independent Ri	64.58	27	P	Pn	11 32 02.3 +0.6
RIDG	Independent Ri			IAMB	IAMB	11 32 02.4
DOT	Dot Lake	64.91	28	P	Pn	11 32 03.8 0.0
DOT	Dot Lake			IAMB	IAMB	11 32 04.2
SCRK	Sand Creek	64.99	27	P	Pn	11 32 04.2 -0.2
SCRK	Sand Creek			IAMB	IAMB	11 32 21.0
J26L	Jesse Creek	65.26	27	P	Pn	11 32 05.8 -0.3
BMAR	Burn Mountain	65.37	23	P	Pn	11 32 07.8 +1.1
M27K	Burge Creek, AK	65.72	29	P	Pn	11 32 09.5 +0.4
M27K	Burge Creek, AK			IAMB	IAMB	11 32 40.4
L27K	Beaver Creek	65.82	28	P	Pn	11 32 10.2 +0.5
L27K	Beaver Creek			IAMB	IAMB	11 32 53.2
BCAR	Beaver Creek A	65.84	28	P	Pn	11 32 10.3 +0.5
TABL	Table Mountain	65.88	31	P	Pn	11 32 10.9 +0.7
DAWY	Dawson	67.01	27	P	Pn	11 32 17.6 +0.4
P2M	Wind Craggy	67.53	32	P	Pn	11 32 19.1 +1.4
HYT	Haines Junction	67.69	31	P	Pn	11 32 23.1 +1.5
HYT	Haines Junction			IAMB	IAMB	11 32 50.7
M30M	Minto, Yukon	68.09	29	P	Pn	11 32 24.6 +0.7
M30M	Minto, Yukon			IAMB	IAMB	11 32 38.3
EPYK	Eagle Plains, Y	68.31	25	P	Pn	11 32 25.5 +0.3
M31M	Drury Creek, Y	69.20	30	P	Pn	11 32 30.9 +0.1
M31M	Drury Creek, Y			IAMB	IAMB	11 32 45.4
INK	Inuvik	69.63	23	P	Pn	11 32 32.6 -0.6
INK	Inuvik	comp=Z,1.1nm,0.4s,baz=264,slow=6.5,SNR=10				
INK	Inuvik	69.63	23	P	Pn	11 32 32.9 -0.3
FARO	Faro, Yukon	69.69	30	P	Pn	11 32 34.4 +0.6
A36M	Sachs Harbour	72.33	19	P		

Table with columns: RND, Reindeer, 96.38, 13, P, Pmax, 13 09 39.6 +1.0, etc.

Table with columns: AML, Almayashu, 122.82, 303, P, PKPdf, 13 15 06.3 -0.4, etc.

Table with columns: SOC, NORRAR Array S, 148.15, 354, eSS, pmax, 13 38 19.7 -5.1, etc.

Table with columns: BRG, comp, Z, Az, m, s, Amp, 13 16 09.0, etc. Includes stations like Berggiesshubel, Panska Ves, Vyhne, Pleven, Gura Zlata, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Matakaoa Point, WmXZ, WIZ, HAZ, etc.

30d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like KESN, BALIKESIR, STEP, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Matakaoa Point, WmXZ, WIZ, HAZ, PKGZ, etc.

ISC 30 13:22:55.9.9.6.6.54S.154.03E.h36km.65km.mb3.3/4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like KRVIT, KRVIT, PMG, WRA, ASAR, etc.

ISC 30 13:27:54.4.1.38.36N.0.01.118.90W.0.01.h7km.4km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like TVHH, TVHH, LHV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like KESN, BALIKESIR, STEP, etc.

ISC 30 13:27:54.8.1.4.38.358N.0.007.118.91W.0.02

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like TVHH, TVHH, LHV, etc.

ISC 30 13:15:21.8.40.75N.28.67E.h5km.ML2.8/17

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like ORLT, ORLT, HRT, etc.

Table with columns: COO2, comp-Z, IAML, Pn, S, E, 15 49 30.6, 15 49 00.3 +1.0, 15 49 01.3 +1.1, 15 49 02.8 +2.0, 15 49 04.1 +0.1, 15 49 05.8 +1.2, 15 49 07.4 +0.1, 15 49 09.1 +0.2, 15 49 10.9 +0.8, 15 49 12.7 +0.4, 15 49 14.5 +0.5, 15 49 16.3 +0.5, 15 49 18.1 +0.5, 15 49 19.9 +0.5, 15 49 21.7 +0.5, 15 49 23.5 +0.5, 15 49 25.3 +0.5, 15 49 27.1 +0.5, 15 49 28.9 +0.5, 15 49 30.7 +0.5, 15 49 32.5 +0.5, 15 49 34.3 +0.5, 15 49 36.1 +0.5, 15 49 37.9 +0.5, 15 49 39.7 +0.5, 15 49 41.5 +0.5, 15 49 43.3 +0.5, 15 49 45.1 +0.5, 15 49 46.9 +0.5, 15 49 48.7 +0.5, 15 49 50.5 +0.5, 15 49 52.3 +0.5, 15 49 54.1 +0.5, 15 49 55.9 +0.5, 15 49 57.7 +0.5, 15 49 59.5 +0.5, 15 50 01.3 +0.5, 15 50 03.1 +0.5, 15 50 04.9 +0.5, 15 50 06.7 +0.5, 15 50 08.5 +0.5, 15 50 10.3 +0.5, 15 50 12.1 +0.5, 15 50 13.9 +0.5, 15 50 15.7 +0.5, 15 50 17.5 +0.5, 15 50 19.3 +0.5, 15 50 21.1 +0.5, 15 50 22.9 +0.5, 15 50 24.7 +0.5, 15 50 26.5 +0.5, 15 50 28.3 +0.5, 15 50 30.1 +0.5, 15 50 31.9 +0.5, 15 50 33.7 +0.5, 15 50 35.5 +0.5, 15 50 37.3 +0.5, 15 50 39.1 +0.5, 15 50 40.9 +0.5, 15 50 42.7 +0.5, 15 50 44.5 +0.5, 15 50 46.3 +0.5, 15 50 48.1 +0.5, 15 50 49.9 +0.5, 15 50 51.7 +0.5, 15 50 53.5 +0.5, 15 50 55.3 +0.5, 15 50 57.1 +0.5, 15 50 58.9 +0.5, 15 51 00.7 +0.5, 15 51 02.5 +0.5, 15 51 04.3 +0.5, 15 51 06.1 +0.5, 15 51 07.9 +0.5, 15 51 09.7 +0.5, 15 51 11.5 +0.5, 15 51 13.3 +0.5, 15 51 15.1 +0.5, 15 51 16.9 +0.5, 15 51 18.7 +0.5, 15 51 20.5 +0.5, 15 51 22.3 +0.5, 15 51 24.1 +0.5, 15 51 25.9 +0.5, 15 51 27.7 +0.5, 15 51 29.5 +0.5, 15 51 31.3 +0.5, 15 51 33.1 +0.5, 15 51 34.9 +0.5, 15 51 36.7 +0.5, 15 51 38.5 +0.5, 15 51 40.3 +0.5, 15 51 42.1 +0.5, 15 51 43.9 +0.5, 15 51 45.7 +0.5, 15 51 47.5 +0.5, 15 51 49.3 +0.5, 15 51 51.1 +0.5, 15 51 52.9 +0.5, 15 51 54.7 +0.5, 15 51 56.5 +0.5, 15 51 58.3 +0.5, 15 51 60.1 +0.5, 15 51 61.9 +0.5, 15 51 63.7 +0.5, 15 51 65.5 +0.5, 15 51 67.3 +0.5, 15 51 69.1 +0.5, 15 51 70.9 +0.5, 15 51 72.7 +0.5, 15 51 74.5 +0.5, 15 51 76.3 +0.5, 15 51 78.1 +0.5, 15 51 79.9 +0.5, 15 51 81.7 +0.5, 15 51 83.5 +0.5, 15 51 85.3 +0.5, 15 51 87.1 +0.5, 15 51 88.9 +0.5, 15 51 90.7 +0.5, 15 51 92.5 +0.5, 15 51 94.3 +0.5, 15 51 96.1 +0.5, 15 51 97.9 +0.5, 15 51 99.7 +0.5, 15 52 01.5 +0.5, 15 52 03.3 +0.5, 15 52 05.1 +0.5, 15 52 06.9 +0.5, 15 52 08.7 +0.5, 15 52 10.5 +0.5, 15 52 12.3 +0.5, 15 52 14.1 +0.5, 15 52 15.9 +0.5, 15 52 17.7 +0.5, 15 52 19.5 +0.5, 15 52 21.3 +0.5, 15 52 23.1 +0.5, 15 52 24.9 +0.5, 15 52 26.7 +0.5, 15 52 28.5 +0.5, 15 52 30.3 +0.5, 15 52 32.1 +0.5, 15 52 33.9 +0.5, 15 52 35.7 +0.5, 15 52 37.5 +0.5, 15 52 39.3 +0.5, 15 52 41.1 +0.5, 15 52 42.9 +0.5, 15 52 44.7 +0.5, 15 52 46.5 +0.5, 15 52 48.3 +0.5, 15 52 50.1 +0.5, 15 52 51.9 +0.5, 15 52 53.7 +0.5, 15 52 55.5 +0.5, 15 52 57.3 +0.5, 15 52 59.1 +0.5, 15 53 00.9 +0.5, 15 53 02.7 +0.5, 15 53 04.5 +0.5, 15 53 06.3 +0.5, 15 53 08.1 +0.5, 15 53 09.9 +0.5, 15 53 11.7 +0.5, 15 53 13.5 +0.5, 15 53 15.3 +0.5, 15 53 17.1 +0.5, 15 53 18.9 +0.5, 15 53 20.7 +0.5, 15 53 22.5 +0.5, 15 53 24.3 +0.5, 15 53 26.1 +0.5, 15 53 27.9 +0.5, 15 53 29.7 +0.5, 15 53 31.5 +0.5, 15 53 33.3 +0.5, 15 53 35.1 +0.5, 15 53 36.9 +0.5, 15 53 38.7 +0.5, 15 53 40.5 +0.5, 15 53 42.3 +0.5, 15 53 44.1 +0.5, 15 53 45.9 +0.5, 15 53 47.7 +0.5, 15 53 49.5 +0.5, 15 53 51.3 +0.5, 15 53 53.1 +0.5, 15 53 54.9 +0.5, 15 53 56.7 +0.5, 15 53 58.5 +0.5, 15 53 60.3 +0.5, 15 53 62.1 +0.5, 15 53 63.9 +0.5, 15 53 65.7 +0.5, 15 53 67.5 +0.5, 15 53 69.3 +0.5, 15 53 71.1 +0.5, 15 53 72.9 +0.5, 15 53 74.7 +0.5, 15 53 76.5 +0.5, 15 53 78.3 +0.5, 15 53 80.1 +0.5, 15 53 81.9 +0.5, 15 53 83.7 +0.5, 15 53 85.5 +0.5, 15 53 87.3 +0.5, 15 53 89.1 +0.5, 15 53 90.9 +0.5, 15 53 92.7 +0.5, 15 53 94.5 +0.5, 15 53 96.3 +0.5, 15 53 98.1 +0.5, 15 54 00.0 +0.5

Table with columns: ETMB, comp-Z, Iamb, Iamb, 15 53 47.7, 15 53 07.8 +0.7, 15 53 09.2 +0.2, 15 53 11.9 +2.0, 15 53 14.2 +0.6, 15 53 16.5 +1.9, 15 53 18.8 +0.3, 15 53 21.1 +1.3, 15 53 23.4 +0.3, 15 53 25.7 +0.3, 15 53 28.0 +1.1, 15 53 30.3 +0.3, 15 53 32.6 +0.3, 15 53 34.9 +0.6, 15 53 37.2 +0.6, 15 53 39.5 +0.6, 15 53 41.8 +0.6, 15 53 44.1 +0.6, 15 53 46.4 +0.6, 15 53 48.7 +0.6, 15 53 51.0 +0.6, 15 53 53.3 +0.6, 15 53 55.6 +0.6, 15 53 57.9 +0.6, 15 53 60.2 +0.6, 15 53 62.5 +0.6, 15 53 64.8 +0.6, 15 53 67.1 +0.6, 15 53 69.4 +0.6, 15 53 71.7 +0.6, 15 53 74.0 +0.6, 15 53 76.3 +0.6, 15 53 78.6 +0.6, 15 53 80.9 +0.6, 15 53 83.2 +0.6, 15 53 85.5 +0.6, 15 53 87.8 +0.6, 15 53 90.1 +0.6, 15 53 92.4 +0.6, 15 53 94.7 +0.6, 15 53 97.0 +0.6, 15 53 99.3 +0.6, 15 54 01.6 +0.6, 15 54 03.9 +0.6, 15 54 06.2 +0.6, 15 54 08.5 +0.6, 15 54 10.8 +0.6, 15 54 13.1 +0.6, 15 54 15.4 +0.6, 15 54 17.7 +0.6, 15 54 20.0 +0.6, 15 54 22.3 +0.6, 15 54 24.6 +0.6, 15 54 26.9 +0.6, 15 54 29.2 +0.6, 15 54 31.5 +0.6, 15 54 33.8 +0.6, 15 54 36.1 +0.6, 15 54 38.4 +0.6, 15 54 40.7 +0.6, 15 54 43.0 +0.6, 15 54 45.3 +0.6, 15 54 47.6 +0.6, 15 54 49.9 +0.6, 15 54 52.2 +0.6, 15 54 54.5 +0.6, 15 54 56.8 +0.6, 15 54 59.1 +0.6, 15 55 01.4 +0.6, 15 55 03.7 +0.6, 15 55 06.0 +0.6, 15 55 08.3 +0.6, 15 55 10.6 +0.6, 15 55 12.9 +0.6, 15 55 15.2 +0.6, 15 55 17.5 +0.6, 15 55 19.8 +0.6, 15 55 22.1 +0.6, 15 55 24.4 +0.6, 15 55 26.7 +0.6, 15 55 29.0 +0.6, 15 55 31.3 +0.6, 15 55 33.6 +0.6, 15 55 35.9 +0.6, 15 55 38.2 +0.6, 15 55 40.5 +0.6, 15 55 42.8 +0.6, 15 55 45.1 +0.6, 15 55 47.4 +0.6, 15 55 49.7 +0.6, 15 55 52.0 +0.6, 15 55 54.3 +0.6, 15 55 56.6 +0.6, 15 55 58.9 +0.6, 15 56 01.2 +0.6, 15 56 03.5 +0.6, 15 56 05.8 +0.6, 15 56 08.1 +0.6, 15 56 10.4 +0.6, 15 56 12.7 +0.6, 15 56 15.0 +0.6, 15 56 17.3 +0.6, 15 56 19.6 +0.6, 15 56 21.9 +0.6, 15 56 24.2 +0.6, 15 56 26.5 +0.6, 15 56 28.8 +0.6, 15 56 31.1 +0.6, 15 56 33.4 +0.6, 15 56 35.7 +0.6, 15 56 38.0 +0.6, 15 56 40.3 +0.6, 15 56 42.6 +0.6, 15 56 44.9 +0.6, 15 56 47.2 +0.6, 15 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30d 17h

NNC 30 16:13:05.4.1.0,38.24N:72.81E,h70km,88km,mb3.5, mpv3.7, Error ellipse: s-maj=29.6km s-min=22.2km az=178.0

SOME 30 16:13:05.7,39.22N:72.73E,h0km ISC 30 16:13:04.4.1.0,38.25N:0.08:72.91E:0.06,h100km,n39, az=278/46,mb3.6/7,8C-2D,Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, UCH Uchtor, EKS Erkin-Say, IUG 429nm.0.3s, MRKS Merke, AAK Ala-Archa, KBK Karagaybulak, ULHL Ulahol, DZA Taraz, CHMS Chumysh, TKM2 Tokmak 2, USP Ospenkiy, KK31 Karatay Array, KST Kaste, MDOK Medeo, KRBS Karabastau, KTBS Karatobe, MK31 Makanchi Array, MKAR Makanchi Array, GEYT Alibek, GEYT 1.7nm.0.7s, GYA0B ALIBECK ARRAY, KURBB Kurchatov Arra, AB31 Akbulak array, BVA0 Borovoye Array, BVAR Borovoye Array, AKTO Aktyubinsk, AKTO 2.2nm.0.6s, AKTO 16.14 324, AKTO 1.2nm.0.8s, ZALV Zalesovo Beam, SONM Sogingoy Array, BRTR Keskin Array B, AKASA Malin Array Be, FINES FINES Array B, ARCES ARCES Array B, TORD Torodi Ar. Be, YKA Yellowknife Ar, UUSS 30 16:18:24.0.7,38.06N:0.01:112.81W:0.02,h11km,5km, s-min=1.6km az=91.0, NEIC 30 16:18:24.1.0.5,38.043N:0.006:112.80W:0.02,h3km,10km, Error ellipse: s-maj=2.2km s-min=0.4km az=114.0, Utah

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WCU Willow Creek, LCMT Little Creek M, ICU Inland Springs, SPR3 Spring Creek, Q16A Castle Valley, U15A North Rim, U15A North Rim, PRN Pahroc Range, SRU San Rafael Swe, R11A Troy Canyon, R11A, R11A, IDC 30 16:26:07.8.0.9,55.08S:31.40W,h0km,mb3.9/6, mbmp3.9/6,MS3.4/1, Error ellipse: s-maj=35.9km az=22.6km, ISC 30 16:26:09.3.0.8,55.1S:0.2:31.5W:0.2,h10km,n18, az=076/9,mb3.8/5,MS3.2/3, South Georgia Island region, PMSA Palmer Station, SNAAS Sanas, PLCA Paso Flores, PCUP Villa Florida, CFA Coronel Fontan, QSPA South Pole Qui, SIV San Ignacio, H10S2 ASCENSION HYDR47.89, H10S3 ASCENSION HYDR47.90, H10N1 ASCENSION HYDR49.01, H10N3 ASCENSION HYDR49.01, H10N2 ASCENSION HYDR49.02, LBTB Lobatse, TORD Torodi Ar. Bea, STKA Stephens Creek, ZALV Zalesovo Beam, ILAR Elnor Array, SONM Sogingoy Array, IDC 30 16:43:08.8.1.7,0.52N:123.14E,h0km,mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=20.2km s-min=25.3km az=62.0, DJA 30 16:43:33.4.0.7,0.1N:6.12:4E, h246km,7km, M3.3/8, MLV3.3/8, IDC 30 16:43:34.0.1.2,0.4N:0.1:123.62E:0.09,h264km,n8, az=82/9,mb3.2/3, Minahasa Peninsula, Sulawesi, LUWI Luwuk, MRSI Marisa, APSI Ampana, SANI Sanana, TINTI Ternate, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, IDC 30 16:50:51.3.2.6,1.15S:100.04E,h0km,mb3.5/7, mbmp3.5/8,ML3.7/1, Error ellipse: s-maj=114.6km s-min=19.6km az=56.0, DJA 30 16:50:56.1.0.9,1.3S:3.10:10E, h161km,7km, M3.5/9, MLV3.5/9, ISC 30 16:50:56.4.0.9,1.31S:0.06:99.66E:0.05,h35km,n20, az=185/20,mb3.5/7, Southern Sumatara, PDSI Padang, PPSI Pulau Pagai, SDSI Sungai Dareh, PDSI Pulau Batu, MNSI Mandailing Nat, BKNI Bangkinang, MASI Maura Aman, Be, GSI Gunungsitoli, CMAR Chiang Mai Arr, H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, WRA Warramunga Arr, ASAR Alice Springs, SONM Sogingoy Array, MKAR Makanchi Array, KURBB Kurchatov Arra, ZALV Zalesovo Beam, BVAR Borovoye Array, TXAR Lajitas Array, IDC 30 16:59:52.4.1.4,5.59S:154.20E,h0km,mb3.6/8, mbmp3.6/9,ML3.4/1, Error ellipse: s-maj=34.8km s-min=29.8km az=114.0, ISC 30 17:00:02.7.1.2,5.6S:0.2:154.0E:0.2,h74km,n13, az=079/10,mb3.6/8, Bougainville-Solomon Islands region

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat, KRVT 7.7nm.0.3s, WRA Warramunga Arr, ASAR Alice Springs, H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, CMAR Chiang Mai Arr, MKAR Makanchi Array, ILAR Elnor Array, ZALV Zalesovo Beam, KURBB Kurchatov Arra, BVAR Borovoye Array, TORD Torodi Ar. Bea, BUJ 30 17:13:16.3.0.0,52.96N:160.36E,h60km,mb4.7/42, mb5.0/18,MS4.5/3,MS7.4/23, KRSC 30 17:13:19.8.0.9,52.83N:159.98E,h54km,8km,ML5.4, MOS 30 17:13:21.1.1.0,52.87N:159.75E,h63km,mb5.0/57, Error ellipse: s-maj=6.3km s-min=3.6km az=90.6 MOS Felt (III-V) at Petropavlovsk-Kamchatskiy, NEIC 30 17:13:23.1.1.6,52.93N:0.09:159.67E:0.09,h64km,5km, mb4.9/252, Error ellipse: s-maj=12.5km s-min=8.1km az=177.0, IDC 30 17:13:24.3.1.6,53.04N:159.53E,h73km,13km,mb4.3/31, mbmp4.6/35,MS3.7/51, Error ellipse: s-maj=12.7km s-min=9.0km az=135.0, ISC 30 17:13:22.0.0.4,52.89N:0.04:159.87E:0.03,h58km,9km, h58km:PP-N, n803, az140/784, mb4.8/218,MS3.7/47, 14C-47D, Off east coast of Kamchatka Peninsula, SPN Mys Shipunski, SPN Mys Shipunski, NLC Nalytchevo, NLC Nalytchevo, DALK Dalny, DALK Dalny, DALK Uglouvaya, DALK Uglouvaya, SDLR Sedlovina, SDLR Sedlovina, SMAR Somma, SMAR Somma, PET Petropavlovsk, PET Petropavlovsk, PET comp=Z.21um,0.6s, PET comp=Z.21um,0.5s, PET comp=E.63um,0.6s, PET comp=N.17um,0.3s, PET comp=E.29um,0.7s, AVH Avacha, AVH Avacha, KRER Koryakskii, KRER Koryakskii, KOK Koryakka, KOK Koryakka, KRX Arik, KRX Arik, RUS Russkaya, RUS Russkaya, KRMR Karymshinskiy, KRMR Karymshinskiy, KRMR Gorelyy, KII Karymskiy, KII Karymskiy, PEAOB Petropavlovsk-, PEAOB Petropavlovsk-, PETK comp=N,2um,0.5s, bsz=220,slow=35,SNR=9.2, GNL Ganaly, GNL Ganaly, KNDR Khodutka, Kamc, KNDR Khodutka, Kamc, APC Apache, APC Apache, TUMD Tumrok D, TUMR Tumrok, TUMR Tumrok, TUMR Tumrok, KMRN Kamenistaya, KMRN Kamenistaya, BZMR Bezymyannaya, BZMR Bezymyannaya, KIRR Kirishev, KIRR Kirishev, BZWR Bezymyanni-We, BZWR Bezymyanni-We, ESO Esso, ESO Esso, KOZ Kozyrevs, KOZ Kozyrevs, SKR Severo-Kuril's, SKR Severo-Kuril's, SKR comp=Z.54nm,0.8s, SKR comp=N,1um,0.7s, KRSR Krestovskiy, KRSR Krestovskiy, SRDR Sredinnyy, SRDR Sredinnyy, KLY Klyuchi, KLY Klyuchi, KBTR Krutoberegovo

30d 17h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like EPYK Eagle Plains, YUKA Talbot Arm, and many others.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ENH Enshi, YKA Yellowknife Ar, and many others.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KIRV Kirov, GCMT Greycliff, and many others.

30d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like AQU, PPT, TIP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like ASAR, WRA, AKASG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like KDJ, ULHL, TNSS, etc.

2016 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like TKM2, KBK, KTBS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like KRVT, PMG, DZM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like NIZ, KMO, YOA, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like YOA, Uoyan, Ulyunkhan, etc.

30d 19h

Table with columns: Station Name, Frequency, Band, Mode, SNR, and other parameters. Includes stations like ASUD, GHWR, MASF, FAQ, SLWR, etc.

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Table with columns: Station Name, Frequency, Band, Mode, SNR, and other parameters. Includes stations like KLST, IDHR, RBK, RBK, ABTO, etc.

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Table with columns: Station Name, Frequency, Band, Mode, SNR, and other parameters. Includes stations like SOMN, ESCD, TORO, DBIC, etc.

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RTZ	Ruatahuna	39.55 150	P	P	19 56 09.2 -0.4
MRZ	Mangatainoka R	40.51 153	I	I	19 56 18.0 +0.6
MRZ	Birch Farm	40.82 153	I	I	19 57 16.8
BFZ	Rata Peaks	41.32 160	P	P	19 56 24.2 +0.1
RPZ	Narrogin (SR0)	43.13 226	LR	LR	20 13 17.9
RPZ	Yeheng	42.94 315	P	P	19 56 37.0 -0.7
TPUB	Suangleung	42.61 313	P	P	19 56 33.2 -1.7
SSLB	Yeheng	42.68 314	P	P	19 56 34.6 -0.9
YHNB	Monobe	42.95 336	I	I	19 56 36.8 -0.8
JMN	Narrogin (SR0)	43.13 226	LR	LR	20 14 38.3
NWA0	Inuyama	43.26 341	P	P	19 56 38.3 -1.6
INU	Kuroka	43.38 341	I	I	19 56 39.8 -1.2
INU	Nakatsue	43.71 333	P	P	19 56 42.8 -0.9
JGF	Matsushiro Arr	43.98 343	P	P	19 56 43.6 -2.2
JGF	Matsushiro Arr	43.98 343	P	P	19 58 32.1 +1.0
MJAR	Matsushiro Arr	43.98 343	P	P	20 02 26.5 +6.2
MJAR	Matsushiro Arr	43.98 343	P	P	19 56 44.6 -1.3
MJB9	Matsushiro Arr	43.98 343	P	P	19 56 48.1 -0.7
MJB9	Matsushiro Arr	43.98 343	P	P	19 56 50.0 -0.2
JHS	Saijiyo	44.36 336	P	P	19 56 59.3 +1.0
JMM	Marumori	44.54 346	P	P	19 57 11.2 -0.5
LEM	Lembang	45.17 266	LR	LR	19 57 18.5 +0.9
JTU	Tsushima	45.56 321	P	P	20 14 50.9
JTM	Temabayashi	47.27 348	P	P	19 57 22.7 +0.3
JTN	Taejon	48.02 332	eP	eP	19 58 49.3 +1.9
RAR	Rarotonga	48.32 114	LR	LR	19 57 21.8 -0.7
RAR	Rarotonga	48.32 114	LR	LR	19 57 21.8 -0.7
KSR5	Korea Array	48.65 333	P	P	19 57 22.0 -0.9
KSR5	Korea Array	48.65 333	P	P	19 57 29.4
KSR5	Korea Array	48.65 333	P	P	19 57 54.4 +0.1
KSR5	Korea Array	48.65 333	P	P	19 57 54.4 +0.1
KSR5	Korea Array	48.65 333	P	P	19 57 54.8 +0.5
KSR5	Korea Array	48.65 333	P	P	19 57 54.9 +0.4
ENH	Enshi	54.74 313	I	I	19 58 07.3 -0.8
ENH	Enshi	54.74 313	I	I	19 58 10.6
GYA	Guiyang	54.95 308	I	I	19 58 12.8 +3.0
GYA	Guiyang	54.95 308	I	I	19 58 15.0 +1.1
HNS	Hongshan	55.58 323	I	I	19 58 14.3 -1.6
HNS	Hongshan	55.58 323	I	I	19 58 25.8
GSI	Gunungsitoli	55.79 275	P	P	19 58 15.5 -0.1
GSI	Gunungsitoli	55.79 275	P	P	19 58 15.5 -0.1
BNX	BinXian	55.82 339	I	I	19 58 15.5 -0.1
BNX	BinXian	55.82 339	I	I	19 58 15.5 -0.1
BNX	BinXian	55.82 339	I	I	19 58 15.5 -0.1
TYV	Tymovskoe	56.76 352	eP	eP	19 58 19.0 -3.1
TYV	Tymovskoe	56.76 352	eP	eP	20 06 07.2 -5.2
TYV	Tymovskoe	56.76 352	eP	eP	19 58 25.8 0.0
TYV	Tymovskoe	56.76 352	eP	eP	19 58 37.0 +0.8
PHRA	Phrae	57.21 296	P	P	19 58 25.8 -0.1
XAN	Xi'an	57.22 317	P	P	19 58 25.8 0.0
XAN	Xi'an	57.22 317	P	P	19 58 37.0 +0.8
XAN	Xi'an	57.22 317	P	P	19 58 37.0 +0.8
PPT2	Papeete2	57.32 107	eLR	LR	20 15 16.7
KLR	Kul'dur	57.50 344	eP	P	19 58 27.2 -0.2
KLR	Kul'dur	57.50 344	eP	P	19 58 27.2 -0.2
CRAI	Chiangrai	57.67 298	P	P	19 58 28.3 -0.8
TBI	Tibuai	58.09 114	eLR	LR	20 15 37.7
TBI	Tibuai	58.09 114	eLR	LR	20 15 37.7
CM31	Chiang Mai Arr	58.35 295	P	P	19 58 33.5 -0.4
CMAR	Chiang Mai Arr	58.35 295	P	P	19 58 35.4 +1.4
CMAR	Chiang Mai Arr	58.35 295	P	P	19 58 33.5 -0.4
PET	Petropavlovsk	58.41 4	P	P	19 58 34.1 +0.4
PET	Petropavlovsk	58.41 4	P	P	19 58 34.1 +0.4
PET	Petropavlovsk	58.41 4	P	P	19 58 34.1 +0.4
PEAOB	Petropavlovsk	58.44 3	P	P	19 58 34.0 +0.1
PEAOB	Petropavlovsk	58.44 3	P	P	19 58 34.3 +0.4
PETK	Petropavlovsk	58.44 3	P	P	19 58 34.1 +0.2
PETK	Petropavlovsk	58.44 3	P	P	19 58 34.1 +0.2
PETK	Petropavlovsk	58.44 3	P	P	19 58 34.1 +0.2
CHTO	Chiang Mai	58.46 296	P	P	19 58 35.8 +1.1
CHTO	Chiang Mai	58.46 296	P	P	20 00 19.2
CHTO	Chiang Mai	58.46 296	P	P	19 58 35.8 +1.1
PZH	PanZhihua	58.91 305	P	P	19 58 40.0 +2.1
PZH	PanZhihua	58.91 305	P	P	19 58 40.0 +2.1
PZH	PanZhihua	58.91 305	P	P	19 58 40.0 +2.1
CD2	Chengdu	59.31 311	eP	P	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 +0.2
XLT	XilinHotTe	59.31 330	I	I	20 07 00.3 -3.5
XLT	XilinHotTe	59.31 330	I	I	19 58 40.5 0.0
XLT					

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Kuroka, Sagara, Haku, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Ussuriysk Arra, Ussuriysk Ar, Ussuriysk Ar, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like NKL, OKH, HEH, etc.

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Table with columns for location, time, and status. Includes entries like OHAK Old Harbor, OHAK Old Harbor, G21K Allakket, F21K Alatina River, RSO Redoubt South, O20K Slope Mountain, H21K Melozitna Rive, SHLS Shalkode, KAPI Kappang, KDOK Kodiak Island, CHUM Lake Minchumini, BKSJ Bulukumba, N20K Mount Spurr, SPCR Spurr Chakacha, Q20K Shuyak Island, PPLA Purkeypile, CAST Castle Rocks, TDK Taldyqorghan, H22K Ishlitalina Cre, G22K Bettles, CAPN Captain Cook N, SRT Nakonsritamara, BPAW Bear Paw Mtn, ZHN Zhinishe, SATY Saty, BBKI Banjar Baru, MLY Manley, SUA Suisitna One, BRSE Bradley Lake S, TRF Thorofore Moun, CUT Chulitna, D23K Nanushuk River, COLD Coldfoot, M22K Willow, G23K Bananza Creek, H23K Yukon River, RC01 Rabbit Creek A, BWN Browne, O22K Cooper Landing, I23K Minto, I23K Minto, NEA2 Nenana, SEW Seward, CHKK Chushkaly, CHKK Chushkaly, PMR Palmer, PMR Palmer.

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Table with columns for location, time, and status. Includes entries like PMR Palmer, MCK Mckley, MCK McKinley, RND Reindeer, RND Reindeer, MDOK Medee, MDOK Medee, D24K Happy Valley, AAA Alma-Ata, AAA Alma-Ata, TNS5 Tian-Shan, TNS5 Tian-Shan, C24K Franklin Bluff, WAT1 Susitna Watana, WMT Murphy Dome, KNK Knik Glacier, WRH Wood River Hill, SML Sawmill, SML Sawmill, KUU Kurty, KUU Kurty, H24K Noodor Dome, H24K Noodor Dome, F24K Squaw Lake, PWL Port Wells, PWL Port Wells, TCOL CIGO, UAF Yank, TCOL CIGO, UAF Yank, COLA College, COLA College, COLA College, CCB Clear Creek, CCB Clear Creek, G24K Hadweencic Riv, WAT6 Susitna Watana, POKR Poker Plat Res, POKR Poker Plat Res, M23K Glacier View, KULM Kulim, KULM Kulim, DHY Denali Highway, DHY Denali Highway, SCM Sheep Creek Mo, SCM Sheep Creek Mo, HDA Harding Lake, HDA Harding Lake, IL31 Eielson Array, ILAR Eielson Array, ILAR Eielson Array, IPM Iph, IPM Iph, TKM2 Tokmak 2, SOEI Soe, SOEI Soe, F25K Christian River, HNR Honiara, E25K Arc Village, M24K Tolsona, M24K Tolsona, K24K Donnelly Dome, PRP Porcupine Dome, PRP Porcupine Dome, C26K Camden Bay, KLU Klutina, KLU Klutina, PAX Paxon, DIV Divide, BTLS Baital, BTLS Baital, KBK Karagaybulak, EYAK Cordova Ski Ar, CHMS Chumysh, HARF HAARP, BATI Baumata, RIDG Independent Ri, F26K Sheenjek River, USP Shpenovka, C27K Jago River.

30d 20h

Table with columns for location, time, and status. Includes entries like KSH Kashi, KSH Kashi, KSH Kashi, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, BVAR Borovoye Array, BVAR Borovoye Array, BRVK Borovoye, BRVK Borovoye, N25K Chitina, Valde, N25K Chitina, Valde, UCH Uchtor, SCRK Sand Creek, SCRK Sand Creek, BMRM Bremner River, BMRM Bremner River, J26L Joseph Creek, J26L Joseph Creek, MENT Mentasta, EKS2 Erkin-Say, GLB Gilahina Butte, L26K Log Cabin Hill, L26K Log Cabin Hill, PLA1 Plampang, AML Almayashu, E27K Coleen River, M26K Nabesna, M26K Nabesna, G27K Doyon Strip, TW5I Taiwang, Sumb, H27K Steamboat Moun, I27K Kandik River, L27K Beaver Creek, L27K Beaver Creek, EGAK Eagle, M27K Edge Creek, AK, M27K Edge Creek, AK, ISLE Juniper Island, BARN Bernard Glacie, PSI Prapat, MESA MESA, RPSI Rantau Prapat, BVCY Beaver Creek, BKNI Bangkinang, BKNI Bangkinang, BKNI Bangkinang, YUK3 Moose Creek, DAWY Dawson, DZA Taraz, DZA Taraz, O28M Mount Upton, I29M Ogilvie Camp, YUK8 Steele Glacier, PINM Pinnacle, J29M Klondike Camp, J29M Klondike Camp, PWJ Pegerwojo, KK31 Karatay Array, KK31 Karatay Array, SDSI Sungai Dareh, M29M Somme Creek, EPYK Eagle Plains, L29M Peninsula, G30M tAoh Zraii Nji, PNL Peninsula, YUK4 Talbot Arm, K29M Barlow Dome, UGM Wanagama, UGM Wanagama, UGM Wanagama, YUK6 Outpost Mounta, O29M Mount Kennedy, IUG Luzhnyy, IUG Luzhnyy, PDSI Padang, KPJI Karang Pucung, CHM Chiment, CHM Chiment, M30M Minto, Yukon, M30M Minto, Yukon.

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FFC	comp=Z,63nm,1.1s	73.42	33	P	P	20 19 58.6 +0.3
FFC	Flin Flon					
NWAO	comp=Z,63nm,1.2s	73.47	21	P	P	20 19 59.3 +0.6
NWAO	Narrow (SRO)					
PNTR	comp=Z,49nm,1.3s	73.56	53	Iamb	Iamb	20 20 03.2
CMB	Columbia Colle	73.55	55	Iamb	Iamb	20 20 03.2
FCC	comp=Z,51nm,1.2s	73.71	27	P	P	20 19 59.7 -0.2
FCC	Fort Churchill					
FCC	comp=Z,66nm,1.1s	73.71	27	P	P	20 19 59.7 -0.2
FCC	Fort Churchill					
NSC03	comp=Z,66nm,1.2s	73.74	337	Iamb	Iamb	20 20 01.7
NSC03	NORSAR Array S					
DOMB	comp=Z,91nm,1.2s	73.78	339	eP	LR	20 20 00.8 +0.4
DOMB	Dombras					
HFS	comp=Z,47nm,18.3s	73.83	336	LR	LR	20 55 00.3
HFS	Hagfors					
YERR	comp=Z,60nm,1.2s	73.84	53	Iamb	Iamb	20 20 10.8
YERR	Yerrington					
NB2	comp=Z,60nm,1.2s	73.93	337	P	P	20 20 01.0 -0.3
NB2	NORSAR Subarra					
NB2	comp=Z,24nm,1.1s	73.93	337	P	P	20 20 01.0 -0.3
NB2	NORSAR Subarra					
NOA	comp=Z,24nm,0.8s	73.93	337	P	P	20 20 01.3 0.0
NOA	NORSAR Array B					
NOA	comp=Z,482nm,19.1s	74.01	41	Iamb	Iamb	20 20 04.8
NOA	NORSAR Array A					
EGMT	comp=Z,24nm,0.8s	74.01	41	Iamb	Iamb	20 20 04.8
EGMT	Eagleton					
EGMT	comp=Z,28nm,1.2s	74.01	41	P	P	20 20 03.3 +1.3
EGMT	Eagleton					
BBGB	comp=Z,45nm,1.1s	74.05	56	Iamb	Iamb	20 20 15.1
BBGB	Big Mountain B					
NC602	comp=Z,45nm,1.1s	74.06	337	P	P	20 20 02.1 +0.1
NC602	NORSAR Array S					
NC602	comp=Z,45nm,1.1s	74.06	337	eP	P	20 20 02.0 0.0
NC602	NORSAR Array S					
NB000	comp=Z,109nm,1.3s	74.07	337	Iamb	Iamb	20 20 14.8
NB000	NORSAR Array B					
AKASG	comp=Z,22nm,0.5s	74.09	322	P	P	20 20 01.9 -0.5
AKASG	Malin Array B					
AKASG	comp=Z,22nm,0.5s	74.09	322	LR	LR	20 56 19.5
AKASG	Malin Array B					
AKASG	comp=Z,360nm,18.7s	74.09	322	Iamb	Iamb	20 20 03.3
AKASG	Malin Array B					
AKKB	comp=Z,87nm,1.1s	74.09	322	i P	P	20 20 01.3 -1.0
AKKB	Malin Array Si					
HLID	comp=Z,116nm,1.1s	74.12	47	P	P	20 20 04.5 +1.6
HLID	Hailey					
BMN	comp=Z,307,SNR=29	74.28	51	Iamb	Iamb	20 20 13.5
BMN	Battle Mountai					
PMPB	comp=Z,47nm,1.1s	74.41	56	Iamb	Iamb	20 20 13.4
PMPB	Monarch Peak					
BOZ	comp=Z,56nm,1.2s	74.48	44	Iamb	Iamb	20 20 14.0
BOZ	Bozeman (W)					
BOZ	comp=Z,51nm,1.1s	74.48	44	P	P	20 20 06.5 +1.5
BOZ	Bozeman (W)					
KVN	comp=Z,308,SNR=47	74.53	53	Iamb	Iamb	20 20 14.8
KVN	Kaiserville					
NVAR	comp=Z,53nm,1.1s	74.76	53	P	P	20 20 08.7 +1.9
NVAR	Mina Array Bea					
NVAR	comp=Z,20nm,1.0s	74.85	53	P	P	20 20 08.2 +1.0
NVAR	Mina Array Bea					
NVAR	comp=Z,20nm,1.0s	74.85	53	P	P	20 20 09.9 +2.4
NVAR	Mammoth, Mammo					
SKAR	comp=Z,45nm,1.1s	74.89	338	eP	P	20 20 09.2 +1.1
SKAR	Skarskia					
SIM	comp=Z,306	75.15	315	eP	P	20 20 09.2 +0.6
SIM	Simferopol'					
SIM						
Q09A	comp=Z,157nm,1.2s	75.24	52	Iamb	Iamb	20 20 18.9
Q09A	Carvers					
VOG	comp=Z,45nm,1.0s	75.29	56	P	P	20 20 12.2 +2.7
VOG	Valley Oaks Go					
HYA	comp=Z,306	75.31	339	eP	P	20 20 09.8 +0.6
HYA	Hoyanger					
ELK	comp=Z,78nm,1.9s	75.31	50	Iamb	Iamb	20 20 13.4
ELK	Elko					
YMR	comp=Z,424nm,18.3s	75.43	45	Iamb	Iamb	20 20 20.1
YMR	Madison River					
SMMC	comp=Z,45nm,1.2s	75.47	57	P	P	20 20 12.9 +2.2
SMMC	Simmler					
KONO	comp=Z,306	75.52	337	eP	P	20 20 11.0 +0.5
KONO	Kongsberg					
SFJD	comp=Z,6.6nm,0.8s	75.58	5	LR	LR	20 20 10.2 -0.4
SFJD	Kangerlussuaq					
SFJD	comp=Z,424nm,18.3s	75.58	5	LR	LR	20 56 15.2
SFJD	Deep Springs					
DSP	comp=Z,8.6nm,0.8s	75.59	54	P	P	20 20 12.7 +1.4
DSP	Deep Springs					
TIN	comp=Z,62nm,1.2s	75.61	54	P	P	20 20 14.1 +2.5
TIN	Tinmahua, Big					
MARD	comp=Z,306,SNR=6.2	75.73	306	Iamb	Iamb	20 20 14.0
MARD	Mardin					
YES	comp=Z,62nm,1.0s	75.76	56	P	P	20 20 13.5 +1.2
YES	Vestal, Richgr					
H7K	comp=Z,306,SNR=19	75.81	45	P	P	20 20 16.4 +3.6
H7K	Grant Village					
P17M	comp=Z,309,SNR=19	75.83	57	P	P	20 20 15.1 +2.1
P17M	Mchpersen Huka					
IMW	comp=Z,306,SNR=10	75.92	45	Iamb	Iamb	20 20 23.4
IMW	Indian Meadow					
FXWY	comp=Z,52nm,1.1s	76.03	46	Iamb	Iamb	20 20 17.8
FXWY	Fox Creek					
CWC	comp=Z,46nm,1.2s	76.07	57	P	P	20 20 15.7 +1.4
CWC	Cottonwood Cre					
BWC	comp=Z,60nm,1.1s	76.07	55	P	P	20 20 15.6 +1.4
BWC	Bitter Crk WRG					
RLMT	comp=Z,55nm,1.4s	76.08	44	Iamb	Iamb	20 20 17.6
RLMT	Red Lodge					
RLMT	comp=Z,45nm,1.2s	76.08	44	P	P	20 20 15.8 +1.6
RLMT	Red Lodge					
MOOW	comp=Z,306,SNR=9.9	76.12	45	Iamb	Iamb	20 20 18.3
MOOW	Moose Ponds					
TPAW	comp=Z,48nm,1.2s	76.17	46	Iamb	Iamb	20 20 24.7
TPAW	Teton Pass					
BER	comp=Z,62nm,1.2s	76.19	339	eP	P	20 20 14.4 +0.2
BER	Bergen					
SORM	comp=Z,71nm,1.1s	76.19	321	i P	P	20 20 14.2 -0.3
SORM	Soroca					
SORM	comp=Z,71nm,1.1s	76.19	321	P	P	20 20 16.7 +1.8
SORM	Soroca					
GRAC	comp=Z,307	76.27	56	P	P	20 20 15.5 +0.2
GRAC	Grapevine Rang					
ISA	comp=Z,306,SNR=10.0	76.27	56	P	P	20 20 17.2 +1.9
ISA	Isabella, Lake					
ISA	comp=Z,306,SNR=10.0	76.27	56	P	P	20 20 15.5 +0.2
ISA	Isabella, Lake					
SNOW	comp=Z,26nm,1.2s	76.30	46	Iamb	Iamb	20 20 26.9
SNOW	Snow King Moun					
ARVC	comp=Z,39nm,1.1s	76.35	56	P	P	20 20 16.9 +1.2
ARVC	Arvin					
SC2Z	comp=Z,306,SNR=7.2	76.47	58	P	P	20 20 17.9 +1.5
SC2Z	Santa Cruz Isl					
DIKM	comp=Z,40nm,1.2s	76.53	312	i P	P	20 20 17.3 +0.8
DIKM	Dikmen					
R11A	comp=Z,59nm,1.1s	76.53	52	P	P	20 20 26.3
R11A	Troy Canyon, C					
R11A	comp=Z,59nm,1.1s	76.53	52	P	P	20 20 18.7 +1.8
R11A	Troy Canyon, C					
DGKT	comp=Z,312,SNR=6.8	76.57	39	P	P	20 20 17.8 +1.1
DGKT	Dagmar					
TOKA	comp=Z,62nm,1.3s	76.61	311	Iamb	Iamb	20 20 19.1
TOKA	Tokat					
SPUT	comp=Z,62nm,1.3s	76.65	48	Iamb	Iamb	20 20 27.1
SPUT	South Promonto					
MPMC	comp=Z,72nm,1.6s	76.68	55	P	P	20 20 19.4 +1.6
MPMC	Manua Respec					
LAO	comp=Z,307,SNR=28	76.71	41	P	P	20 20 19.2 +1.7
LAO	LASA Array					
OSI	comp=Z,311,SNR=9.6	76.72	57	P	P	20 20 19.7 +1.9
OSI	Ostio Audit: C					
WCT	comp=Z,306	76.80	54	P	P	20 20 19.2 +0.9
WCT	Wildcat Mouta					
FURC	comp=Z,307,SNR=10	76.84	54	P	P	20 20 20.1 +1.7
FURC	Furnace Creek,					
CCAC	comp=Z,52nm,1.1s	76.87	56	Iamb	Iamb	20 20 27.8
CCAC	Calif City Air					
LRMC	comp=Z,54nm,1.1s	76.90	55	P	P	20 20 20.4 +1.4
LRMC	Laurel Mtn Rad					
SPR3	comp=Z,307,SNR=16	76.92	51	Iamb	Iamb	20 20 23.1
SPR3	Spring Creek 3					
TPNV	comp=Z,68nm,1.3s	76.95	53	Iamb	Iamb	20 20 22.4
TPNV	Topopah Spring					
TPNV	comp=Z,68nm,1.3s	76.95	53	P	P	20 20 21.1 +1.8
TPNV	Topopah Spring					
HWUT	comp=Z,307,SNR=19	76.98	47	Iamb	Iamb	20 20 22.8
HWUT	Hardware Ranch					

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SNCC	comp=Z,90nm,1.4s	76.99	58	P	P	20 20 20.2 +0.9
SNCC	San Nicolas Is					
EDW2	comp=Z,306	77.05	56	P	P	20 20 21.4 +1.8
EDW2	Edwards Air Fo					
DUG	comp=Z,45nm,1.1s	77.11	49	Iamb	Iamb	20 20 29.6
DUG	Dugway, Toeole					
DUG	comp=Z,45nm,1.1s	77.11	49	P	P	20 20 22.1 +2.0
DUG	Dugway, Toeole					
GWY	comp=Z,70nm,1.2s	77.14	54	Iamb	Iamb	20 20 29.4
GWY	Greenwater Val					
QSM	comp=Z,77nm,1.5s	77.15	55	P	P	20 20 21.1 +1.0
QSM	Queen of Sheba					
LVV	comp=Z,77nm,1.5s	77.17	324	P	P	20 20 21.1 +0.1
LVV	L'vov					
DECO	comp=Z,307	77.19	57	P	P	20 20 21.8 +1.3
DECO	Great Verdugo					
IAS	comp=Z,72.2,SNR=19	77.22	320	i P	P	20 20 20.9

30d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Barrancos, Mina Concepcio, Badajoz, Casimilo, Conde, Marv'720, Castelo Branco, Jimena Fronter, Manteigas, ZHG, Skhour des Reh, El Cabril, Visou, Mijas, Plasencia, Lamas de Olo, Adamuz, Moncorvo, Sierra Gorda, Cabril, Lobios, Gavieira, Arco, Oukaimeden, Los Guajares, San Pablo, Braganca, Granatula de C, Calabar, MD31, Sonseca Array, Midelt, Quesada, Mazaricos, Ouz, Agolada, Guadarrama, Tazarine, Pontenova, Tobarra, Arriandios, Torete, Charters Tower, Alice Springs, Warramunga, South Pole Qui.

NEIC 30 22:04:40.3:1.1, 32'S.9:0.3:179.8W:0.2, h104km, 16km, mb4.6/3, Error ellipse: s-maj=43.7km s-min=11.2km az=144.0

ISC 30 22:04:42.2:5.6, 33:10S:179.83W, h141km, mb3.5/4, mbtp3.9/5, Error ellipse: s-maj=44.4km s-min=29.0km az=32.0

ISC 30 22:04:43.2:0.8, 33:10S:179.90W, h150km, n18, <0.95/18, mb4.0/7, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Matakaoa Point, Urewera, Ruatahun, Black Stump Fm, Pamatai, Papee, Charters Tower, Alice Springs, Warramunga, South Pole Qui.

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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 SNAIA Sanae, Petropavlovsk, KURBB Kirchatov Arra, FINES Finest Array B, NOA NORPAR Array B, HFS Hagfors, BRTR Keskin Array B, TORD Torodi Arr. Bea.

IDC 30 22:17:19.5:2.3, 43:92N:105:59W, h0km, mbtp3.2/3, ML2.6/2, Error ellipse: s-maj=59.6km s-min=8.5km az=147.0

NEIC 30 22:17:20.4:2.5, 43:98N:105:44W:0.07, h0km, 2km, ML2.2/54, Error ellipse: s-maj=9.1km s-min=8.6km az=94.0

ISC 30 22:17:17.0:0.9, 43:94N:105:47W:0.05, h0km, n25, <185/20, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Black Hills, Casper, K22A, RWWY Rawlins, PHWY Pilot Hill, LAO LASA Array, RLMT Red Lodge, N23A Red Feather La, PDAR Pinedale Array, PDAR Pinedale Array, YMP, BRIGG Biggsdale, GCMT Greywolf, SNOW Snow King Moun, SNOW, OGALLA Ogallala, REDW Red Top Meadow, IMW Indian Meadow, TPWA Teton Pass, AHID Auburn Hatcher, O20A White River Ci, RDMU Red Mountain, SMCO Snowmass, ULM Lac du Bonnet, ULM, YKA Yellowknife Arr.

IDC 30 22:21:24.6:2.3, 5:06S:153.91E, h0km, mb3.1/3, mbtp3.2/4, ML3.6/1, MS3.3/1, Error ellipse: s-maj=50.9km s-min=38.5km az=96.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Keravat, Warramunga Arr, ASAR Alice Springs, MSVF Nonavu, MKAR Makanchi Array, TORD Torodi Arr. Bea.

NOU 30 22:25:58.8, 42:66'S:173:53'E, h9km, MLV.4/2/16, South Island, New Zealand

WEL 30 22:25:59.9:0.3, 43:3:3:17:3E:1, h15km, 2km, M4.1/111, ML.4/024, MLV.4/1/111, Error ellipse: s-maj=0.0km s-min=0.0km

ISC 30 22:25:59.4:1.1, 42:61'S:173:48'E:0.04, h20km, 6km, n128, <192/132, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Kahutara, Greta Valley S, Amberley, Lake Taylor, Blackbirch Sta, Tophouse, Cape Campbell, Okains Bay, Tuamata, McQueen's Vall, Oxford, Akaroa Harbour, Matariki Terra, Nelson.

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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 RAKA Rakaia, INZ Inchbonnie, DSZ Denniston Nort, TCU Tory Channel, SCW South Carol, Kaitiaki Hill, WEL Wellington, MHCC Mount Hutt, PLWZ Palliser, WACZ Wakani South, DUVZ D'Urville Isla, PAVZ Papanui Farm, CAV Cannon Point, QRZ Quartz Range, GRZ Quartz Range, TRWZ Traveller, OTW Otaki Gorge, HOWZ Holdsworth Sta, TMWZ Te Maipa, GCSZ Gaunt Creek B, MRZ Mangaitanoa R, TMZ Timaru, PRWZ Port Royal, POWZ Post Office Ro, BFZ Birch Farm, BFZ Birch Farm, POZ Fox Glacier, KIWZ Kaitiaki Gorge, DVHZ Dannevirke, WAZ Wanganui, ANWZ Angora Road, TSZ Takapari Road, ODZ Otago Downs, KIWZ Kaitiaki Downs, NMEZ Name Road, LREZ Lake Rotokare, KHEZ Kahui Hut, KHEZ Kahui Hut, NBEZ Newall Road No, WPHZ Waipukurau, PNHZ Pukenui, PKE Pukeiti, DREZ Durham Road, MREZ Moswahong, WNVZ Wahianoa, TRVZ Turoa, BHHZ Black Hill Sta, KRHZ Kereru, WHVZ Whangahoe Hut, FWVZ Far West T-bar, TUVZ Tukino, JCCZ Jackson Bay, JCCZ Jackson Bay, NZVZ Ngauruhoe, SNVZ Ngauruhoe, KAHZ Kahurangi, OTVZ Otutere, NNVZ North Ngauruho, WTVZ West Tongariro, KHEZ Kaitiaki Hill, HHSZ Highcliff Hill, KRVZ Karewarewa, TMVZ Te Maari, KWHZ Kaweka Forest, NTVZ North Tongariro, MCHZ McNeill Hill, EAZ Earnscleugh, KATZ Karamaea, RITZ Rihia Road, BKZ Black Stump Fm, HIZ Haurangi, HIZ Haurangi, NMHZ Naumai, TUZ Tuapeka, MATHZ Matahi Rd, MTHZ Maungataniwha, TLZ Tolley Road, MLZ Mavora Lakes, RTZ Ruatahun, MHGZ Mahia Peninsula, SYZ Scrubby Hill, TOZ Tahuroa Road, URZ Urewera, URZ Urewera, WHVZ Whangahoe Hill Ro, MWZ Matawai, TWGZ Tuwarehuparae, AWAZ Awitahi Peninsula, RUGZ Rukumara Rang, MKAZ Moumaki, ETAZ East Tamaki Re, HAZ Te Kaha, WIAZ Waiheke Island, PYZ Puysegur Point, WYGZ Watomatini S, KUZ Kaitiaki Hill, MXZ Matakaoa Point, MXZ Matakaoa Point, WCZ Waipu Caves, CTZ Chatham Island, CTZ Chatham Island.

IDC 30 22:26:46.9:1.7, 6:04S:154:70E, h0km, mb3.6/5, mbtp3.7/6, ML4.0/1, Error ellipse: s-maj=42.0km s-min=29.7km az=97.0

ISC 30 22:26:52.7:1.7, 6:15S:154:50E:0.2, h35km, n7, <194/18, mb3.5/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Keravat, Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kirchatov Arra.

IDC 30 22:30:58.1:6.3, 7:45N:93:50E, h0km, mb3.5/5, mbtp3.5/5, Error ellipse: s-maj=321.9km s-min=22.4km az=59.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Diego Garcia, Warramunga, Diego Garcia, Diego Garcia, Makanchi Array.

KURBB	Kurchatov Arra	44.80 346	P	P	22 39 13.8	+0.2
ZALV	Zalesovo Beam	46.89 353	P	P	22 39 28.9	-1.2
WRA	Warramunga Arr	48.54 125	P	P	22 39 43.4	-0.1
ASAR	Alice Springs	50.14 129	P	P	22 39 55.7	0.0

NOU 30 22:42:52.0, 17:68S-168:74E, h149km, MLV3.5/9, Vanuatu Islands, Vanuatu Islands

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
RTV	Rentapao	0.32 250		P	Pn	22 43 13.8	+1.3
DVP	Devils Point	0.53 265		P	Pn	22 43 14.4	+1.1
LIFNC	LIFOU	3.39 204		P	Pn	22 43 43.5	+0.8
MARNC	Mare, Loyalty	3.84 190		P	Pn	22 43 50.0	-0.1
YATNC	Mamie plateau,	4.69 201		P	Pn	22 44 01.6	+0.3
DZM	Mont Dzumac	4.87 206		P	Pn	22 44 03.9	+0.1
OUCNC	Ouen Island, N	5.04 200		P	Pn	22 44 06.3	+0.4

ROM 30 22:42:59.2, 0.1, 42:3920N, 0:005-13:152E, 0:010, h8km, ML1.6/4, 5C-2D, Error ellipse: s-maj=0.6km s-min=0.6km az=98.0, Central Italy

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
MC2	Monte Cornacci	0.03 104		P	Pg	22 43 01.0	0.0
T1245	Castelsantange	0.07 157		P	Pg	22 43 01.8	-0.4
T1245				S	Sg	22 43 02.7	-0.1
T1245				AML	AML		
T1245	comp=N,2765µm,0.6s			AML	AML		
T1245	comp=N,2405µm,0.6s			AML	AML		
T1245	comp=N,2380µm,0.6s			AML	AML		
T1245	comp=N,2405µm,0.6s			AML	AML		
T1245	comp=N,2410µm,0.6s			AML	AML		
T1245	comp=N,2410µm,0.6s			AML	AML		
T1256	Bologna (MC)	0.10 32		P	Pg	22 43 02.5	+0.8
T1256				S	Sg	22 43 04.5	+0.9
T1256				AML	AML		
T1256	comp=N,188µm,0.2s			AML	AML		
T1256	comp=E,238µm,0.7s			AML	AML		
T1256	comp=E,238µm,1.3s			AML	AML		
T1256	comp=N,188µm,0.2s			AML	AML		
FDMO	Fiordimonte	0.13 338		P	Pg	22 43 02.1	+0.1
MMO1	Montemonaco	0.13 99		P	Pg	22 43 02.7	+0.6
MMO1				S	Sg	22 43 04.7	+0.6
T1214	Arquata del Tr	0.17 165		P	Pg	22 43 03.4	+0.7
T1214				AML	AML		
T1214	comp=E,285µm,0.2s			AML	AML		
T1214	comp=N,245µm,1.5s			AML	AML		
T1214	comp=N,231µm,0.2s			AML	AML		
T1214	comp=N,245µm,0.5s			AML	AML		
T1214	comp=N,245µm,0.5s			AML	AML		
T1219	Muccia, Frazio	0.17 322		P	Pg	22 43 03.1	+0.3
T1212	Cascia, Frazio	0.19 205		P	Pg	22 43 03.9	+0.9
T1212				S	Sg	22 43 07.0	+1.4
T1212				AML	AML		
T1212	comp=N,234µm,0.2s			AML	AML		
T1220	Camerino, Fraz	0.20 346		P	Pg	22 43 03.1	-0.2
CESI	CESI - Serrava	0.20 295		S	Sg	22 43 05.5	-0.6
T1241	Roccafuvione,	0.21 107		P	Pg	22 43 04.6	+1.1
T1215	Vallo di Nera,	0.24 221		S	Sg	22 43 05.1	-2.2
T1243	Rocca Santa Ma	0.31 135		P	Pg	22 43 06.0	+0.6
LNSS	Leonessa	0.33 195		P	Pg	22 43 06.4	+0.7
T1211	Morro Reatino	0.44 210		S	Sb	22 43 16.0	-0.2
TERO	Teramo	0.45 132		P	Pg	22 43 07.7	-0.2

IDC 30 22:43:20.8, 5.6, 4:70S-153:60E, h124km, 34km, mb3.2/3, mbmp3.7/4, Error ellipse: s-maj=66.3km s-min=26.6km az=95.0

ISC 30 22:43:19.3, 1.8, 4:75S-0:2-153:8E, 0.2, h100km, n6, c218/7, mb3.2/3, New Ireland region

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
KRVT	Keravat (AS076	1.78 284		P	Pn	22 43 49.5	+0.4
KRVT				S	Sn	22 44 12.1	+0.3
PMG	Port Moresby	8.02 234		P	Pn	22 45 14.0	+0.9
WRA	Warramunga Arr	24.20 230		P	P	22 48 25.1	-1.7
ASAR	Alice Springs	26.84 224		P	P	22 48 49.1	-1.6
MKAR	Makanchi Array	80.91 319		P	P	22 55 21.3	-1.4
TORD	Torodi Ar. Bea	151.19 289		PKPbc	PKPpdf	23 02 59.4	+3.3

ROM 30 22:43:46.5, 0.0, 42:579N, 0:002-13:248E, 0:004, h12km, ML2.8/50, Error ellipse: s-maj=0.3km s-min=0.1km az=234.0

ISC 30 22:43:46.9, 0.8, 42:57N, 0:02-13:24E, 0:02, h13km, 4km, n80, c118/105, 16C-6Z, Central Italy

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
RM33	Pellescitta (	0.07 196		P	Pg	22 43 49.5	-0.1
RM33				S	Sg	22 43 51.4	-0.2
RM33				AML	AML		
RM33	comp=N,6200µm,0.4s			AML	AML		
RM33	comp=E,7890µm,0.3s			AML	AML		
RM33	comp=E,7740µm,0.3s			AML	AML		
RM33	comp=N,6180µm,0.4s			AML	AML		
SMA1	SAN MARTINO	0.09 51		P	Pg	22 43 49.7	-0.2
SMA1				S	Sg	22 43 51.5	-0.5
SMA1				AML	AML		
SMA1	comp=E,9085µm,0.5s			AML	AML		
SMA1	comp=N,4425µm,0.3s			AML	AML		
SMA1	comp=N,4425µm,1.7s			AML	AML		
CAMP	Campotosto	0.13 107		P	Pg	22 43 50.2	-0.2
CAMP				S	Sg	22 43 52.6	-0.3
CAMP				AML	AML		
CAMP	comp=E,6915µm,0.5s			AML	AML		
CAMP	comp=N,7585µm,1.2s			AML	AML		
T1218	Civita (PG)	0.13 316		P	Pg	22 43 50.1	-0.3
T1218				S	Sg	22 43 52.5	-0.4
T1218				AML	AML		
T1218	comp=N,1810µm,0.2s			AML	AML		
T1218	comp=N,1820µm,0.2s			AML	AML		
T1218	comp=E,1620µm,0.3s			AML	AML		
T1218	comp=E,1525µm,0.3s			AML	AML		
T1218	comp=N,1820µm,0.2s			AML	AML		
T1218	comp=N,1810µm,0.2s			AML	AML		
T1247	Pizzolo (AQ)	0.14 162		P	Pb	22 43 50.6	-0.8
T1247				S	Sg	22 43 53.3	+0.4

T1247				AML	AML		
T1247	comp=N,1305µm,1.0s			AML	AML		
T1247	comp=N,1390µm,0.9s			AML	AML		
T1247	comp=N,1390µm,1.1s			AML	AML		
LNSS	Leonessa	0.15 281		P	Pg	22 43 50.7	0.0
LNSS				S	Sg	22 43 53.5	+0.2
LNSS				AML	AML		
LNSS	comp=E,3125µm,0.4s			AML	AML		
T1214	Arquata del Tr	0.19 353		P	Pg	22 43 51.0	-0.2
T1214				S	Sg	22 43 54.1	-0.2
T1214				AML	AML		
T1214	comp=E,4545µm,0.3s			AML	AML		
T1214	comp=N,3390µm,0.5s			AML	AML		
T1214	comp=E,4535µm,0.3s			AML	AML		
T1214	comp=N,3290µm,0.3s			AML	AML		
T1214	comp=E,4540µm,0.3s			AML	AML		
T1214	comp=N,3390µm,0.5s			AML	AML		
T1214	comp=E,4535µm,0.3s			AML	AML		
T1214	comp=N,3295µm,0.4s			AML	AML		
T1214	comp=N,3295µm,1.6s			AML	AML		
T1214	comp=E,4540µm,1.7s			AML	AML		
T1214	comp=E,4535µm,1.7s			AML	AML		
T1246	Crognateo (TE	0.19 87		P	Pg	22 43 51.0	-0.2
T1246				S	Sg	22 43 54.0	-0.2
T1243	Rocca Santa Ma	0.20 51		P	Pg	22 43 51.0	-0.3
T1212	Cascia, Frazio	0.23 321		P	Pg	22 43 51.7	-0.2
T1212				S	Sg	22 43 55.1	-0.1
T1212				AML	AML		
T1212	comp=E,4090µm,0.5s			AML	AML		
T1212	comp=N,3315µm,0.6s			AML	AML		
T1212	comp=E,4175µm,0.6s			AML	AML		
T1212	comp=N,3275µm,0.6s			AML	AML		
T1212	comp=N,3315µm,0.6s			AML	AML		
T1212	comp=N,4090µm,0.6s			AML	AML		
AQU	L'Aquila	0.25 151		P	Pg	22 43 52.3	+0.1
AQU				AML	AML		
AQU	comp=E,2035µm,1.2s			AML	AML		
AQU	comp=E,2020µm,1.2s			AML	AML		
AQU	comp=N,1905µm,0.6s			AML	AML		
AQU	comp=E,2020µm,0.8s			AML	AML		
AQU	comp=E,2035µm,0.8s			AML	AML		
AQU	comp=N,1905µm,1.4s			AML	AML		
AQU	comp=N,1900µm,1.1s			AML	AML		
GIGS	Gran Sasso	0.27 117		P	Pg	22 43 52.4	-0.3
GIGS				S	Sg	22 43 55.5	0.0
GIGS				AML	AML		
GIGS	comp=N,1115µm,1.3s			AML	AML		
GIGS	comp=E,2015µm,0.2s			AML	AML		
GIGS	comp=N,1115µm,0.7s			AML	AML		
TERO	Teramo	0.27 79		P	Pg	22 43 52.2	-0.4
TERO				S	Sg	22 43 56.3	-0.2
T1245	Castelsantange	0.29 352		P	Pg	22 43 52.7	-0.2
T1245				S	Sb	22 43 57.3	-1.4
T1245				AML	AML		
T1245	comp=E,5660µm,0.4s			AML	AML		
T1245	comp=N,6485µm,0.5s			AML	AML		
T1245	comp=E,5825µm,0.4s			AML	AML		
T1245	comp=N,6655µm,0.4s			AML	AML		
T1245	comp=N,6485µm,1.5s			AML	AML		
T1245	comp=N,6655µm,1.6s			AML	AML		
T1211	Morro Reatino	0.29 262		P	Pg	22 43 52.9	0.0
T1211				S	Sg	22 43 57.4	+0.5
T1211				AML	AML		
T1211	comp=N,15250µm,0.4s			AML	AML		
T1211	comp=N,15350µm,0.4s			AML	AML		
T1211	comp=E,9850µm,0.1s			AML	AML		
T1211	comp=N,15350µm,0.4s			AML	AML		
T1211	comp=N,15350µm,0.4s						

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ILS, h m s, ISC. Includes stations like KUA Kuravaara, KUVU Salmi, KIF Kilpisjärvi, etc.

IDC 31 00:44:27.5,59.0, 18.45S-178.49W, h0km, mb4.0/3, mbtmp4.0/3, Error ellipse: s-maj=1078.0km s-min=177.1km az=80.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ILS, h m s, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 31 00:46:07.6, 7.6, 30S-154.90E, h0km, mb3.5/5, mbtmp3.5/6, ML3.6/1, MS2.6/2, Error ellipse: s-maj=48.9km s-min=29.3km az=119.0

IDC 31 00:46:14.4, 1.3, 62S-02.154.8E, h35km, n11, n2519/8, mb3.6/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ILS, h m s, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

NEIC 31 01:20:30.8, 1.2, 59.42N-02.154.58W, 0.09, h177km, 5km, Error ellipse: s-maj=6.6km s-min=3.4km az=81.0

AEIC 31 01:20:31.7, 1.1, 59.42N-02.154.57W, 0.06, h178km, 5km, ML3.0, ML3.5/86(NEIC), Error ellipse: s-maj=6.8km s-min=1.5km az=140.0

IDC 31 01:20:33.7, 8.7, 59.81N-154.37W, h178km, 8gkm, mb2.5/1, mbtmp3.1/3, Error ellipse: s-maj=78.6km s-min=69.8km az=1.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ILS, h m s, ISC. Includes stations like P18K Big Mountain, P19K Oil Pt, Q19K Cape Douglas, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ILS, h m s, ISC. Includes stations like ILS Iliamna, IVE Iliamna Volcan, P17K Kvichak, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ILS, h m s, ISC. Includes stations like K24K Donnelly Dome, I23K Minto, KIAG Kiagna River, etc.

SOME 31 01:29:02.4, 40.78N-78.23E, h10km, KRNET 31 01:29:04.7, 40.78N-78.17E, h15km, mb2.5, ISC 31 01:29:03.6, 2.4, 40.82N-09.7813E, 0.05, h5km, 15km, n22, n172/44, 6C-12D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ILS, h m s, ISC. Includes stations like TARG Taragay, KDJ Kajiasy, NRN Naryn, etc.

WEL 31 01:35:58.8, 42.5, 174E, h10km, 4km, M3.2/16, ML3.5/11, MLV3.2/16, Error ellipse: s-maj=0.0km s-min=0.0km az=122.4, confirmed, Cook Strait

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ILS, h m s, ISC. Includes stations like CMWZ Cape Campbell, TUWZ Tuamarina, TWUW Tory Channel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like frequency and power.

VAO 31 04:27:24.3,0.6, 17.62S:71.18W, h10km, mb4.4

NEIC 31 04:27:28.6,1.3, 17.61S:0.08:71.4W:0.1, h69km, 15km, mb4.2/17, ML4.3(GUC), Error ellipse: s-maj=15.9km

s-min=10.4km az=110.0, GUC 31 04:27:30.1,0.8, 17.60S:71.02W, h71km, 10km, ML4.3

IDC 31 04:27:31.3,0.1, 17.63S:70.81W, h63km, 5km, mb3.8/7, mbmp4.1/9, MS3.02, Error ellipse: s-maj=22.7km

s-min=12.8km az=70.0, ISC 31 04:27:28.9,0.5, 17.85S:0.05:71.15W:0.07, h56km, n125,

r150/114, mb4.2/9, 2C-7D, Near coast of Peru

Main table for station 2165, listing codes, station names, and various parameters.

Table for station 2016 DEC, listing codes, station names, and various parameters.

MAN 31 04:30:32.4, 9.36N:126.94E, h1km, mb4.3, ML3.1, MS2.9

IDC 31 04:30:35.1, 1.2, 9.37N:125.90E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=73.1km s-min=25.2km

az=73.0, ISC 31 04:30:36.5, 1.2, 9.42N:0.09:126.33E:0.1, h10km, n6,

r153/73, mb3.5/4, 1C-1D, Mindanao

Main table for station 2016 DEC, listing codes, station names, and various parameters.

Table for station 31d 4h, listing codes, station names, and various parameters.

TEH 31 04:59:52.2, 36.38N-54.46E, h6km, ML3.5, Northern and central Iran

Main table for station 31d 4h, listing codes, station names, and various parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRVT, IDMV, DAMV, etc.

NOU 01 05:12:18.0, 42°47'S:173.99E, h9km, MLv3.7/9, South Island, New Zealand

WEL 01 05:12:20.1, 42°S:3.17°4E, h23km, 6km, M3.3/11, M3.6/11, MLv3.3/11, Error ellipse: s-maj=0.0km

s-min=0.0km az=75.1, confirmed ISC 01 05:12:18.5, 1.3, 42°29'S, 173.97E, 0.04, h18km, 5km, n92, c18/100, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHZ, CMWZ, GVSZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ETVZ, TMVZ, KRVZ, etc.

MOS 01 05:21:17.8-1.1, 51.88N:177.10E, h70km, mb5.4/55, Error ellipse: s-maj=7.2km s-min=4.5km az=106.6

IDC 01 05:21:19.5:1.4, 51.99N:177.15E, h67km, 10km, mb4.6/35, mbmp5.0/38, MS4.0/62, Error ellipse: s-maj=12.7km s-min=7.7km az=165.0

AEIC 01 05:21:19.8:4.0, 52.2N:0.1:177.16E:0.09, h63km, 5km, Error ellipse: s-maj=15.2km s-min=7.8km az=182.0

BUI 01 05:21:19.6:0.0, 52.21N:176.69E, h74km, mb5.3/76, mb5.3/34, Ms5.1/8, Ms7.4/6.6

ISC-EH 01 05:21:19.9, 51.85N:177.13E, h80km, 1km, Error ellipse: s-maj=2.9km s-min=1.4km az=171.0

GCMT 01 05:21:20.2:0.3, 51.93N:0.03:177.20E:0.03, h63km, 2km, Mw5.0/81, Moment Tensor Solution, s49.c54, s81.c102, Duration: 0, Moment: 1016Nm, Mlr=2.56; 7.7; Mw=1.01; 16; Mw=3.58; 12; Mw=0.72; 10; Mw=0.80; 13; Mw=0.55; 09; Best double couple: M=3.32000x10^16 Np1.0=28.00000, d54.00000, l-65.00000. NP2: 0=170.00000, 843.00000, l-120.00000. Principal axes: T 3.7860, Plg6.0000, Azm193.0000; N -0.9220, Plg20.0000, Azm193.0000; P -2.8540, Plg69.0000, Azm354.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 01 05:21:21.2:1.9, 52.0N:0.1:177.05E:0.09, h82km, 6km, mb5.2/82, ML4.8(AEIC), Error ellipse: s-maj=15.7km s-min=10.7km az=187.9

ISC 01 05:21:20.0:0.4, 51.93N:0.05:177.10E:0.03, h75km, 3km, h75km; pP, n898, c1907/938, mb5.2/219, 35C-53D, Rat

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHEM, SHEM, SHEM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SVWZ, O19K, OHAK, etc.

2167

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other flight details. Includes entries like G23K Bananza Creek, CCB Clear Creek Bu, E22K Anaktuvuk Pass, etc.

2016 DEC

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other flight details. Includes entries like YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, etc.

31d 5h

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other flight details. Includes entries like JNU Nakatsue, JNU Nakatsue, JSU Suzuyama, etc.

31d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LYN, BW06, PDAR, etc.

2016 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like EYMN, T25A, ECSD, etc.

2168

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SCHQ, SCHQ, KMI, etc.

JMA 01 05:43:42.5, 0.1, 37.7N, 0.3, 142.0E, 0.7, h32km, 2km, MV3.6/40, E OFF FUKUSHIMA PREF.
IDC 01 05:43:43.5, 2.0, 36.91N, 142.09E, h0km, mb3.7/3, mbtmp3.6/4, ML2.2/1, Error ellipse: s-maj=45.2km s-min=26.7km az=55.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IJHK Ishinomakikobu, JMST Minamisoumatoc, JFJK Kawouchi, etc.

IDC 01 05:48:10.3, 2.1, 0.20, 15S, 179.65W, h652km, 213km, mb2.7/3, mbtmp3.7/3, Error ellipse: s-maj=287.1km s-min=79.8km az=135.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, ILAR Eielson Array, etc.

TAP 31 05:49:05.6, 23.97N, 121.66E, h31km, ML2.0, D, Taiwan
Code Station Name Az Az2 Phase ID Time Res. Includes stations like HWA Hwalien, TWD Chiawan, ETL Fush Village, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CHN4 hsz=323, TWK Hsinying, TWK hsz=287, ALS Alishan, etc.

IDC 31 06:06:40.8, 2.4, 0.95N, 127.47E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=241.9km s-min=23.5km az=67.0, Halmaera

IDC 31 06:29:01.3, 1.1, 7.18N, 127.20E, h0km, mb3.6/4, mbtmp3.6/4, MS3.1/1, Error ellipse: s-maj=25.7km s-min=20.9km az=48.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BIPH Aslig, DAV Davao City (W), KCP Kadayawan, etc.

IDC 31 06:44:47.4, 4.9, 5.57S, 147.14E, h235km, 51km, mb3.3/2, mbtmp4.0/4, Error ellipse: s-maj=94.4km s-min=30.2km az=129.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 31 06:48:30.1, 1.0, 36.76N, 140.56E, h0km, mb3.6/6, mbtmp3.6/7, ML3.5/1, Error ellipse: s-maj=26.0km s-min=19.1km az=135.0

H03N3 Juan Fernandez 147.72 96 T T 09 53 07.9
H03N1 Juan Fernandez 147.73 96 T T 09 53 08.0

NOU 31 07:15:56.9, 42.24S, 174.61E, h6km, MLV3.7/7, Off E. Coast of S. Island, N.Z.
WEL 31 07:15:59.5, 42.2S, 17.4E, h15km, 4km, M3.0/8, ML3.3/7, MLV3.0/8, Error ellipse: s-maj=0.0km s-min=0.0km az=65.0, confirmed

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CMWZ Cape Campbell, BSWZ Blackbird Sta, TUVZ Tuamarina, etc.

IDC 31 07:15:58.1, 4.1, 41.89S, 0.03, 174.05E, 0.03, h14km, 11km, n77, r127/85, Cook Strait

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LTZ Lake Taylor, AMOZ Auckland, MRZ Mangatainoka, etc.

IDC 31 07:17:07.8, 1.9, 6.09S, 130.11E, h137km, 19km, mb3.7/13, mbtmp4.3/17, MS3.6/2, Error ellipse: s-maj=17.5km s-min=12.9km az=77.0

DJA 31 07:21:07.9, 0.3, 6.52S, 13.03E, h171km, 8km, M4.8/15, MB5.4/8, mb4.8/12, MLV4.9/15, Mw(MB)4.8/8

ISC-EH 31 07:21:08.9, 6.12S, 130.11E, h148km, 4km, Error ellipse: s-maj=8.0km s-min=4.0km az=73.0

NEIC 31 07:21:08.2, 1.7, 6.08S, 0.07, 130.03E, 0.10, h138km, 8km, mb4.6/20, Error ellipse: s-maj=14.0km s-min=9.6km

ISC 31 07:21:08.6, 0.4, 6.11S, 0.05, 130.13E, 0.06, h146km, n89, r169/90, mb4.3/21, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, SAUI Saumlaki, SAOI Saumlaki, etc.

Table of astronomical observations for 31d 8h, listing stations like WRA, QIS, PMG, AS31, etc., with columns for station name, time, and residuals.

Table of astronomical observations for 2016 DEC, listing stations like JOW, JOW, JIH, JINTH, etc., with columns for station name, time, and residuals.

Table of astronomical observations for 2172, listing stations like IDC 31 08:10:35.0, etc., with columns for station name, time, and residuals.

NIED 31 07:27:39.6, 27:02N, 130:34E, h0km, MW3.7, Moment Tensor Solution...

JMA 31 07:27:39.6, 0.1, 27:0N, 0.5:130:3E, 0.6, h0km, MV3.7/24, NEAR MINAMI-DAITOUJI...

IDC 31 07:27:41.0, 4.7, 28:15N, 127:42E, h140km, 32km, mb3.0/3, mbmp3.5/4, Error ellipse: s-maj=105.9km s-min=13.1km...

IDC 31 07:27:40.6, 2.3, 27:08N, 0.03:130:39E, 0.04, h37km, 3km, n24, +19:37, mb3.6/3, Ryukyu Islands

Table of astronomical observations for stations like JZK, JZK, JKDJ, etc., with columns for station name, time, and residuals.

IDC 31 07:51:52.0, 1.5, 9:39S, 160:21E, h0km, mb3.6/5, mbmp3.6/5, Error ellipse: s-maj=45.5km s-min=14.1km...

IDC 31 07:51:57.1, 1.1, 9:55S, 0.2:160:2E, h34km, n7, +19:34/8, mb3.5/5, Bougainville-Solomon Islands region

IDC 31 07:51:52.0, 1.5, 9:39S, 160:21E, h0km, mb3.6/5, mbmp3.6/5, Error ellipse: s-maj=45.5km s-min=14.1km...

IDC 31 07:51:57.1, 1.1, 9:55S, 0.2:160:2E, h34km, n7, +19:34/8, mb3.5/5, Bougainville-Solomon Islands region

Table of astronomical observations for stations like HNR, HNR, DZM, etc., with columns for station name, time, and residuals.

VAO 31 08:15:14.3, 1.6, 27:76S, 69:44W, h104km, 37km, mb4.0/2, IDC 31 08:15:18.5, 1.3, 27:47S, 68:72W, h94km, 12km, mb3.6/3, mbmp3.9/8, Error ellipse: s-maj=25.9km s-min=9.9km...

GUC 31 08:15:20.5, 0.6, 27:48S, 69:11W, h119km, 36km, ML4.0, IDC 31 08:15:19.5, 0.7, 27:48S, 69:20W, 0.05, h116km, 7km, n57, +19:29/70, mb3.5/3, 8C-3D, Northern Chile

AC02 Maricunga 0.65 352.0, AC02 Maricunga 0.65 352.0, AC02 Maricunga 0.65 352.0

Table of astronomical observations for stations like AC02, AC02, AC02, etc., with columns for station name, time, and residuals.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRER Koryakskii, KOK Koryaka, KRX Arik, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11N2 WAKE ISLAND Hy 33.25 167 T, H11N3 WAKE ISLAND Hy 33.27 167 T, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NEIC 31 09:19:56.6:1.2, 19:39N:0:1, 121:55E:0:06, h44km, 10km, mb4.2/9, Error ellipse: s-maj=15.9km s-min=8.1km, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WBO Warramunga Arr 41.41 162 P, WRA Warramunga Arr 41.56 162 P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11S1 WAKE ISLAND Hy 42.42 84 T, H11S2 WAKE ISLAND Hy 42.43 84 T, etc.

IDC 31 09:28:29.2:1.7, 8:73S: 123:45E, h103km, 16km, mb3.6/5, mbmp3.9/7, Error ellipse: s-maj=57.7km s-min=19.8km az=77.0

ISC 31 09:28:29.2:0.8, 8:78S: 109:123:5E:0:1, h100km, n27, r1521/27, mb3.9/5, Flores region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MMRI Maumere, MOEI Soe, BATI Baumenta, etc.

IDC 31 09:01:13.7:2.4, 17:86S:178:21W, h571km, 21km, mb2.9/7, mbmp3.9/8, Error ellipse: s-maj=87.8km s-min=17.8km az=150.0

ISC 31 09:01:11.7:1.4, 18:2S: 0:5:177:9W:0:3, h550km, n9, r1561/9, mb3.4/7, Fijil Islands region

NIED 31 09:39:17.7:36:16N: 140:81E, h88km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Min-2.32; Max0.93; Mxx1.50; Myy0.43; Mzz0.37; Mxy1.97; Mxz0.00000; Myx0.00000; Mzy0.00000; Mxx1.15; 0.00000. NP2: q=67.00000; r=65.00000; l=48.00000.

JMA 31 09:39:17.7:0.1, 36:61N:0:04:140:86E:0:06, h92km, 6km, n38, r1521/48, mb3.5/10, 14D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JHO Hitachi, JHYU Hitachinakayama, JHYU Onaj, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11S2 WAKE ISLAND Hy 29.02 121 T, ZALV Zalesovo Beam 41.88 313 P, etc.

IDC 31 09:41:56.4:2.1, 18:69N:145:48E, h179km, 20km, mb3.4/12, mbmp3.9/14, Error ellipse: s-maj=20.4km s-min=12.2km az=91.0

ISC-EH 31 09:41:58.0, 18:68N:145:55E, h186km, 9km, Error ellipse: s-maj=15.1km s-min=7.3km az=93.0

NEIC 31 09:41:58.4:0.5, 18:63N:0:07:145:6E:0:2, h179km, 10km, mb4.5/20, Error ellipse: s-maj=22.7km s-min=4.9km az=112.0

ISC 31 09:41:58.5:0.5, 18:67N:0:06:145:4E:0:1, h200km, n48, r1541/42, mb4.0/22, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMO Gum, GUMG GUM, GUMG GUM, etc.

IDC 31 10:11:29.3:1.4, 3:52S: 150:91E, h0km, mb3.3/3, mbmp3.4/3, Error ellipse: s-maj=31.6km s-min=22.8km az=19.0, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KRVT Keravat (AS076), KRVT Keravat, WRA Warramunga Arr, etc.

0.4nm,1.0s,baz=49,slow=8.5,SNR=2.1
ILAR Eielson Array 81.70 23 P P 10 23 49.3 -0.1

TORD Torodi Ar. Bea 148.12 289 PKPbc PKPbc 10 31 18.1 -0.1
TAP 31 10:13:47.9,24.81N,122.229E,h11km,ML2.8,D
JMA 31 10:13:48.2,0.1,24.7N,0.3,122.3E,0.1,h3km,1km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like TWB1 Santiao Chiao, TWC Suao, TIPB Shuangxi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like LKBA Tubou, MSFV Nonsavu, MMSV Nonsavu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ASAR comp=Z,1.3nm,0.4s, Alice Springs, WB0 Warramunga Arr, etc.

31d 11h

Table with columns: ID, Name, Time, Res, ISC, h, m, s, ISC. Includes stations like ILAR, HHC, HHC, REDW, CMAR, CMAR, IMW, LOHW, M30M, M30M, BW06, PD31, PD31, PDAR, YKA, MKAR, BVAR, BOSA, GEYT, ARCES, FINES, AKASG, BNN, EKA, BR131, BR131, TLCR, BURAR, TESR, PANC, STHS, VRI, COVR, TRPA, DOPR, MLR, MLR, ABH, ABH, CLL, CLL, MORC, BJR, CCR, VOIG, MARR, DRGR, YHR, YHR, VRAC, KRUC, SIRR, MODS, GZLR, SURR, KHC, KHC, KHC, BES, GRES, BMR, BMR, RONA, MPLR, MDRH, MORH, MOYA, ARSA, KOVH, FRGS, BIOA, SOKA, BFO, WATA, WATA, RETA, WTTA, MYKA, MOTA, SOTA, ABTA, FETA, DAVOX, DAVOX, ESCD, TORD.

2016 DEC

Table with columns: ID, Name, Time, Res, ISC, h, m, s, ISC. Includes stations like MSVF, RAR, RAR, DZM, DZM, PPT, PPT2, PPT2, TBI, TBI, TBI, TBI, HNR, ARMA, ARMA, CAN, CAN, CTAO, CTAO, H1N3, H1N1, H1N2, TOO, TOO, STKA, STKA, BBOC, WRO, WRO, WRO, WRO, WRA, WRA, WRA, WRA, ASAR, ASAR, FITZ, SBA, ASAJ, GSPA, GSPA, PETK, NVAR, TXAR, S2A, QLMT, BELA, PDAR, ILAR, H0S2, H0S1, H0S3, H0S2, H0S3, H0S3, YKA, OSTC, OSTC, BURAR, BURAR, TESR, PRU, PRU, MAUC, VRI, TPGR, KRUC, DOPR, MLR, KHC, MAAR, DRGR, BRTR, CKRC, CKRC, VOIR, ARR, CONA, SIRR, RONA, MOA, BURR, SURZ, ARSA, RETA, MOTA, WTTA, SOKA, SOTA.

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Table with columns: ID, Name, Time, Res, ISC, h, m, s, ISC. Includes stations like DAVA, FETA, OBKA, ABTA, ALJI, ALJI, VSM, COCA, COCA, TEOR, CNCH, PQSS, SNVI, COEG, SUTE, SCLA, SCLA, LFRS, PAVU, CAHU, CAHU, SNET, BOQS, BOQS, JAYA, JAYA, JAYA, CRIN, CRIN, CEVE, RTR, NUBE, TGUH, SBJI, SBJI, BLSI, CGJI, CGJI, KAGI, LWLI, CNJI, LEM, LEM, LEM, SONM, SONM, MKAR, ZALV, KSP, KSP, OSTC, OSTC, UPIC, UPIC, DPC, DPC, PVCC, PVCC, KRLC, KRLC, BRG, BRG, BRG, BRG, GOPC, PRU, PRU, MORC, MORC, CLL, CLL, CLL, CLL, KRUC, KRUC, NKC, NKC, KHC, KHC, CONA, CONA, RONA, RONA, MOA, MOA, MOA, ARSA.

ISC-EH 31 10:36:18.4-0.8, 16:26Sx173.40W, h0km, mb4.0/10, mbtmp4.0/10, MS3.5/6, Error ellipse: s-maj=42.0km s-min=17.6km az=137.0

PRU 31 11:54:22.8-0.0, 51.49N, 16.06E, h0km, VIE 31 11:54:24.8-0.4, 51.36N, 15.97E, h0km, mb2.6/5, m2.2/5, Error ellipse: s-maj=2.9km s-min=2.6km az=45.0 78km WWW of Wrocław Suspected Mining induced, ISC 31 11:54:21.1-1.1, 8.5157N, 0.08, 16.17E, 0.05, h0km, n21, az=77/42, Poland

Table with columns: ARSA, comp, eSg, Sg, Time, Res. Includes station names like NNC 31 12:01:17.4, 13.0, 36.65N, 70.45E, h0km, mb3.9, mpv3.8, 3D, Error ellipse: s-maj=117.1km s-min=98.0km.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like AML Almayashu, UCH Uchtor, KK31 Karatay Array, EKS2 Erkin-Say, AAK Ala-Archa, USP Oshpovka, TKM2 Tokmak 2, AB31 Akbulak array.

INET 31 12:02:53.7±0.7, 12°27'N-87°19'W, h26km, 13km, MW3.1
SNET 31 12:02:54.4±0.6, 12°39'N-89°02'W, h21km, 3km, ML3.2
ISC 31 12:02:52.5±2.8, 12°4N-01°-87°9'W, 0.07, h12km±16km, n10, c#28/15, ID, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like GRIRO San Cristobal, CRIN CRIN, LCND La Caada, ALJI Alcala de J, CGNG Cerro Negro, COEB Comit de Erme, POSS Presa 15 de Se, TECO Alcala de Te, TECC Alcala de Sa, COEG Centro de Oper, COEG COEG, SJTE Alcala de S.

IDC 31 12:06:29.8±8.4, 25°84'S-29°20'E, h0km, mbtmp2.71, ML2.1/1, Error ellipse: s-maj=95.5km s-min=56.7km az=140.0
BUL 31 12:06:30.7±1.1, 25°71'S-29°76'E, h10km, MD3.5
ISC 31 12:06:21.7±1.1, 25°77'S-0°06:29'55E, 0.07, h10km, n11, c#245/19, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like MOPA Mopani, MUSA Musina, MUSA Musina, LBTB Lobatse, BOSA Boshof, BOSA BOSA, BOSA BOSA, BOSA BOSHOF INFRASO, I35NA TSUMB INFRASO, UCR 31 12:10:14.7±1.2, 9°65'N-84°92'W, h5km, MW4.1, 13C, Costa Rica

Table with columns: GB3S Finca Las Img, GB3S GB3S, HZTE Horizontes, Gu, GB1A Borinquen Arri, GB1A GB1A, BUAI Buenos Aires, BUAI BUAI, GBSZ Las Lilas, BACON Batan, ATON Acopya.

NSSP 31 12:21:07.8, 38°50'N-43°32'E, h20km, Ms3.5
IDC 31 12:21:08.0±9.3, 38°58'N-43°07'E, h0km, mb3.6/7, mbtmp3.5/16, ML3.2/8, MS2.7/1, Error ellipse: s-maj=16.3km s-min=8.4km az=140.0
ISK 31 12:21:09.1, 38°61'N-43°01'E, h5km, ML3.9/18
DDA 31 12:21:11.1±0.0, 38°60'N-42°98'E, h16km, 3km, MW3.9
HAKT HAKT, MUSM Mu-Merkez, GYRO Guroymak-BITLI, AGRB Hanur-Agry, HAKK HAKKARI, PERV Siirt/Pervari, GURU Guroymak-BITLI, AGRB Hanur-Agry, HAKK HAKKARI, MUSM Mu-Merkez, KOTA Agri, Merkez-K, VRTB Varto-Mus, VRTB VRTB, YOVA Hakkari, Ykse, YOVA YOVA, CUKT Cukurca, IGDI IGDI, SVAN Silvan-Diyarba, SLHN Bingol, Solhan, VNZH Vanand, KOPR Koprucuk-ERZUR, TABS TABSURUN-IGDIR, METS Metsamor, METS METS, MIDY Mardin/Miyad, EJEDE Erzurum, Palan, EJEDE Eruzh, ARUZ Aruz, BRNG Bingli, NRKZ NAREK, NRKZ KARS, SENK Senkaya-Erzuru, GNI Gani, GNI 14nm, 0.3s, baz=258, slow=4.3, SNR=79, GNI 17nm, 0.3s, baz=272, slow=5.4, SNR=57, GNI 15nm, 0.3s, baz=319, slow=20, SNR=4.7, GNI 19nm, 0.3s, baz=236, slow=48, SNR=1.7, GNI Gani, GNI Gani, HANI Diyarbakir, HANI HANI, YEDI Yedisu-Bingol, EMRE Erzurum, Aziziy, KAPZ Kaputan, KAPZ MAZI, DYBB Diyarbakir, KRK Erzurum-spir, KOPT Kop Dag, KOVA Elazig, Kovanc, KOVA STE, BGD Bogdanovka, AKH Akhalkalaki, DMNI Dmanisi, BAYT Aydin-tepe-Bayb, PTK Pertek, TRLG Trialeti, BRNG Burnasheti, ABS Abastumani, BBT Batumi, BTNK Botankhuri, ALIG Mtskhetistsvari, URFU Urfu, DDFL Dedoplistskaro, ARPR Arapr, MKB Tkibuli, ONI Oni, LGD Lagodekhi, PNSH Pansheti, KBZ Khabaz, KBZ 1.4nm, 0.3s, baz=198, slow=6.4, SNR=2.1, KBZ 0.1nm, 0.3s, baz=129, slow=21, SNR=2.9, KVAR Kislodovsk Arr, BRTR Keskin Array B, ASF Jabal al Asfar, ASF ASF, ASF ASF, MMAI Mount Meron Arr, MMAI MMAI, EIL Elat, EIL Elat, AKASO Malin Array Be, AKTO Aktyubinsk, VYHS Vyshny, ARU Aru, BVAR Borovoye Array, DAVOX Davos/Dischmat.

Table with columns: KURBB Kurchatov Arra, MKAR Makanchi Array, ESCD Sonsea Array, CMAR Chiang Mai Arr, MAN 31 12:30:05.4, 13°64'N-120°61'E, h126km, mb4.0, ML2.8, MS2.4, Mindoro

IDC 31 12:39:42.9±2.3, 6°37'S-130°00'E, h0km, mb3.3/1, mbtmp3.5/4, ML3.5/3, Error ellipse: s-maj=59.4km s-min=39.9km az=5.0
GUC 31 12:56:08.1±0.6, 32°44'S-71°54'W, h51km, 2km, ML3.7
ISC 31 12:56:08.3±1.0, 32°45'S-0°03:71°64'W, 0.05, h41km±10km, n41, c#1908/51, SC-8D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like BATI Baunata, BATI Baunata, WRA Waramungga Arr, WRA Waramungga Arr, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, MKAR Makanchi Array.

IDC 31 12:55:59.1±2.1, 33°26'S-71°90'W, h0km, mb3.6/2, mbtmp3.8/4, ML3.4/2, MS3.0/3, Error ellipse: s-maj=59.4km s-min=39.9km az=5.0
GUC 31 12:56:08.1±0.6, 32°44'S-71°54'W, h51km, 2km, ML3.7
ISC 31 12:56:08.3±1.0, 32°45'S-0°03:71°64'W, 0.05, h41km±10km, n41, c#1908/51, SC-8D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like VA06 Catapilco, VA06 Torpederas, VA01 El Roble, VA01 El Roble, VA05 Curacav, VA05 San Esteban, VA03 San Esteban, VA03 San Esteban, PEL Peldehue, PEL Peldehue, VA05 Santo Domingo, VA05 Santo Domingo, MT05 Rencpa, MT05 Rencpa, CO02 Combarbal, CO02 Combarbal, MT03 Universidad Ad, MT03 Universidad Ad, MT09 Talagante, MT09 Talagante, FCH Farellones, FCH Farellones, M01 Popeta, M01 Popeta, BO04 La Punta, BO04 La Punta, CO03 El Pedregal, CO03 El Pedregal, LMEL Las Melosas, LMEL Las Melosas, BO01 Tunca, BO01 Tunca, BO03 Pichilemu, BO03 Pichilemu, BO04 Toliolo Observa, BO04 Toliolo Observa, BO02 Sierra Bellavi, BO02 Sierra Bellavi, CO05 La Serena, CO05 La Serena, CFA Coronel Fontan, CFA Coronel Fontan, CFA CFA, H03N1 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez, H03N3 Juan Fernandez, H03N3 Juan Fernandez, H03N2 Juan Fernandez, H03S1 Juan Fernandez, H03S1 Juan Fernandez, H03S3 Juan Fernandez, H03S3 Juan Fernandez, LVC Limon Verde, LVC Limon Verde, CPUP Villa Florida, CPUP Villa Florida, TXAR Lajitas Array, TXAR Lajitas Array, TSUM Tsumeb, TSUM Tsumeb, TORD Torodi Arr, TORD Torodi Arr, H11S2 WAKE ISLAND, H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, H11S1 WAKE ISLAND, H11S3 WAKE ISLAND, H11S3 WAKE ISLAND, H11N3 WAKE ISLAND, H11N3 WAKE ISLAND.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Yuzh-Sakhalins, Khabaz, Kislovodsk, Belogornoye, Cobar Meteorol, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MNK, Litokhoron, Naroch, Ithomi, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MOTA, RETA, FETA, FUORN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T2126, T1216, T1212, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IDC 31 15:20:59.4, CTA, STKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IDC 31 15:40:16.0, UPP, DKN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKASG Malin Array Be, YKA Yellowknife Ar, PDAR Pinedale Array.

IDC 31 17:00:06.5:2.8,6.11S:-147.65E,h0km,mb3.9/2, mbmp3.9/5,ML3.8/2,MS2.9/3,Error ellipse: s-maj=61.3km s-min=29.0km az=136.0,Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, KRVT Keravat, CTA Alice Springs, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, STKA Makanchi Array.

IDC 31 17:16:47.0:1.6,37.25N:141.88E,h0km,mb3.8/5, mbmp3.7/8,ML3.0/3,MS3.6/2,Error ellipse: s-maj=35.9km s-min=26.7km az=109.0

JMA 31 17:16:50.7:0.2,37.3N:0.3:141.76E:0.8,h34km,1km, MW3.5/35,E OFF FUKUSHIMA PREF

NIED 31 17:16:50.7,37.32N:141.60E,h34km,MW3.5,Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; M1=-1.85; M2=0.70; M3=1.15; M4=0.10; M5=1.00; M6=-0.37; Fault plane solution: Mo:1.94000x10^14 NP1:0.34,0.00000, 0.50,0.00000, -1.96,0.00000. NP2:0.223,0.00000, 0.40,0.00000, -1.3,0.00000

ISC 31 17:16:51.6:2.2,37.33N:0.05:141.52E:0.09,h24km,14km, n27, -1828/25,mb3.6/5,8D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishi, JMST Minamisoumatou, JMM Marumori, JFD Fukushimafurud, JHO Hitachi, JJO Ouri, JJO Okura, MJAR Matsushiro Arr, ASAJ Asahikawa, USRK Utsuriyaki Ar, H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, MKAR Makanchi Array, BRDH Baridhala, CTA Charters Tower, WRA Warramunga Arr, FINES FINESS Array B, HFS Hagfors, AKASG Malin Array Be, H03N2 Juan Fernandez, H03N3 Juan Fernandez, H03N1 Juan Fernandez.

IDC 31 17:22:41.7:1.7,1.32N:125.91E,h0km,mb3.8/3, mbmp3.8/3,MS2.5/1,Error ellipse: s-maj=172.9km s-min=24.1km az=65.0

DJA 31 17:22:42.0:0.9,1.75N:127.7E,h153km,9km,M3.2/4, ML3.2/4

NEIC 31 17:22:51.7:2.0,1.0N:0.2:126.53E:0.09,h2km,27km, mb4.0/8,Error ellipse: s-maj=37.9km s-min=6.2km az=198.0

ISC 31 17:22:51.2:1.6,1.0N:0.2:126.54E:0.06,h35km,n17, -180/18,mb3.9/7,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TNTI Ternate, GTOI Gorontalo, TOLJ Tolitoli, MTN Manton Dam, KNRA Kununurra, FITZ Fitzroy Crossi, WBD Warramunga Arr, WRA Warramunga Arr, WR0 Warramunga Arr, AS31 Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ASAR Stephens Creek, BBOO Buckleboob, STKA Stephens Creek, MKAR Makanchi Array.

IDC 31 17:31:17.9:0.8,64.56N:17.65W,h0km,mb3.6/9, mbmp3.6/10,ML4.2/1,Error ellipse: s-maj=25.6km s-min=11.5km az=11.0

ISC 31 17:31:19.0:0.7,64.6N:0.1:17.77W:0.10,h10km,n12, -0596/12,mb3.7/9,Iceland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BORG Borgarnes, BORG Borgarnes, SCO Scoresbysund, EKA Eidefjellur Ar, ESDC Sonseca Array, BVAR Borovoye Array, ILAR Eielson Array, GEYT Aitabek, MKAR Makanchi Array, TORD Torodi Ar, PDAR Pinedale Array, TXAR Lajlatis Array, CMAR Chiang Mai Arr.

HVO 31 18:01:30.9:1.2,19.33N:0.02:155.13W:0.02,h7km,2km, ML2.5/18,ML2.4/6(NEIC),Error ellipse: s-maj=3.7km s-min=1.2km az=151.0

NEIC 31 18:01:31.5:1.4,19.34N:0.02:155.136W:0.009, h5km,1km,Error ellipse: s-maj=3.7km s-min=2.5km az=162.0,Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STCH Steam Cracks, STCH Steam Cracks, STCH Pinedale Array, STCH Lajlatis Array, PUH Pauahi, PUH Pauahi, PUH Pauahi, KKO Keanakako I, KKO Keanakako I, BYL Byron's Ledge, BYL Byron's Ledge, RIM Rim, RIM Rim, HATHI Halema'uma'u T, HATHI Halema'uma'u T, HATHI Halema'uma'u T, SBLHI Steaming Bluff, SBLHI Steaming Bluff, SBLHI Steaming Bluff, JOKA Jonika Flow, NPH North Pit, SDHHI Sand Hill, SDHHI Sand Hill, UWB Uwekahuna B, UWB Uwekahuna B, UWB Uwekahuna B, OBL Observatory Le, OBL Observatory Le, OBL Observatory Le, UWE Uwekahuna, UWE Uwekahuna, UWE Uwekahuna, WRMH West Rim, HLP Hilina Pali, HLP Hilina Pali, RSD Rainshead, RSD Rainshead, RSD Rainshead, HTC Hot Caves, MLH Mauna Loa, MLH Mauna Loa, MLH Mauna Loa, MLH Mauna Loa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AIN Ainaohu, AIN Ainaohu, AIN Ainaohu, HMH Humu'ula Sheep, HMH Humu'ula Sheep, HMH Humu'ula Sheep, MLOA Mauna Loa Obse, MLOA Mauna Loa Obse, MLOA Mauna Loa Obse, MLOA Mauna Loa Obse, MLOA Mauna Loa Obse, MWH Moku'awewe, MWH Moku'awewe, MWH Moku'awewe, KHU Kahuku, KHU Kahuku, ALEP Alea Permanent, ALEP Alea Permanent, POHA Pohakuloa, POHA Pohakuloa, HUH Hualalai, HUH Hualalai, CPH Captain Cook, CPH Captain Cook, KHLU Kaha'ulu, KHLU Kaha'ulu, HPAH Hawaii Prepara, HPAH Hawaii Prepara, MHA Mahukona, MHA Mahukona.

SOME 31 18:18:16.7,43.23N:82.05E,h15km NNC 31 18:18:19.0:1.1,43.43N:81.96E,h0km,mb3.6,mpv3.4, Error ellipse: s-maj=11.0km s-min=3.6km az=140.0

ISC 31 18:18:17.0:1.9,43.30N:0.08:82.00E:0.06,h8km,12km, n33,-2515/52,4C-6D,Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, DJR Jarkeit, DJR Jarkeit, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, ZHN Zhinshike, ZHN Zhinshike, ZHN Zhinshike, SATY Satsy, SATY Satsy, SATY Satsy, KURS Kuram, KURS Kuram, KURS Kuram, TDK Taldyqorghan, TDK Taldyqorghan, TDK Taldyqorghan, MK31 Makanchi Array, MK31 Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, CHKK Chushkaly, CHKK Chushkaly, CHKK Chushkaly, TNS5 Tian-Shan, TNS5 Tian-Shan, TNS5 Tian-Shan, MTBS Maitube, MTBS Maitube, MTBS Maitube, KUU Kurty, KUU Kurty, KUU Kurty, DGS Degeres, DGS Degeres, DGS Degeres.

Table with columns: KRHZ, KAHZ, PXZ, KHZ, TSZ, PRHZ, MRZ, GWZ, KIW, LZT, Kereru, Kahuranaki, Panuwai, Takapara Road, Porangahau, Mangatanga R, Otaki Gorge, Kapiti Island, Lake Taylor. Includes coordinates and other data.

IDC 31 21:08:01.7, 0.6, 26.26N, 128.67E, h0km, mb4.2/23, mbmp4.2/27, ML4.1, 2, MS3.9/27, Error ellipse: s-maj=17.6km s-min=12.2km az=75.0 NEIC 31 21:08:02.1, 1.26, 06N, 105.128, 71E, 0.06, h8km, 4km, mb4.8/54, Error ellipse: s-maj=8.5km s-min=5.4km az=53.0 JMA 31 21:08:05.1, 0.2, 26.22N, 0.7, 12.9E, h39km, 3km, MD4.5/13, MV4.3/13, NEAR OKINAWAJIMA ISLAND JMA Felt J1 at NEAR OKINAWAJIMA ISLAND. ISC-EH 31 21:08:05.1, 26.17N, 128.64E, h26km, Error ellipse: s-maj=4.1km s-min=3.8km az=167.0 NIED 31 21:08:05.1, 26.23N, 128.69E, h39km, MW4.5, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; Mn=5.03, Mw=1.74, Ms=3.29, Mo=2.45, Mx=4.43, My=1.77; Fault plane solution: 677000, 1015, NP1, 50.00000, 559.00000, 1.02.00000, NP2, 208.00000, 533.00000, 1.71.00000. ISC 31 21:08:04.4, 1.2, 26.17N, 105.128, 71E, 0.04, h25km, 8km, n179, o1946/163, mb4.7/62, MS3.9/23, Ryukyu Islands

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from JNTH to YSS.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from CRAJ to YSS.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations from FIA1 to YSS.

31d 21h

ISC-EH 31 21:43:56.2,6.019S,153.72E,h15km, Error ellipse: s-maj=4.6km s-min=3.5km az=90.0
MOS 31 21:43:59.5,1.2,5.93S,153.52E,h44km,mb5.3/30, Error ellipse: s-maj=9.1km s-min=6.6km az=107.8
BUJ 31 21:44:01.5,0.0,5.45S,153.89E,h51km,mb5.0/66, mb5.3/27,Ms4.7/3,Ms7.4/5
GCMT 31 21:44:01.6,0.4,6.24S,0.03S,153.69E,0.04,h22km,1km, MV4,9/63, Moment Tensor Solution. s26,c28; s63,c07; Duration: 0 Moment tensor: Scale 10^19Nm; Mn2,7.9E,18; Mm-1.6E,13; Ml-0.12E,13; Mm-0.61E,19; Ml-0.63E,07; Mw-0.8E,20; Best double couple, M2,64100,10^16 NP15=130.00000, 3.95,0.00000, 3.96,0.00000; NP2= 0.299,00000, 8.34,0.00000, 1.81,0.00000; Principal axes: T 3,0130, P1g78,00000, Azm61,00000; N -0.7430, P1g5,00000, Azm307,00000; P -2.2700, P1g11,00000. Azm216,00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
DJA 31 21:44:02.0,6.0,5.6,S,4.15,4E, h64km,8km, M4,9/19, mb5.0/4,mb4.9/19,MLV5.0/3,Mw(m)B4.3/4
ISC 31 21:43:59.1,0.3,5.99S,104.153,72E,0.06,h35km,n321, r=111/307,mb5.0/95,MSA.2/29,13C-13D, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time Res, Res. Rows include stations like RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

2016 DEC

Table with columns: KAPI, Kappang, 33.83 270, P, Iamb, P, Iamb, 21 50 37.4 -1.0, 21 51 42.8. Rows include stations like KAPI Kappang, FORT Forrest, etc.

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Table with columns: CHTO, Chiang Mai, 59.33 296, P, Pmax, P, Pmax, 21 53 57.2 -0.9. Rows include stations like CHTO Chiang Mai, PZH PanZhiHu, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BRG comp=Z,3.7nm,0.8s, BRG Berggiesshubel, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GLA Glamis, GLA Glamis, etc.

MAN 31 21:57:35.3, 10'07N:126'46E, h56km, mb5.1, ML4.1, MS4.2
NEIC 31 21:57:40.9, 1.4, 10'02N:07'126'25E:0.09, h55km, 7km,
mb4.764, Error ellipse: s-maj=13.2km s-min=10.7km
az=85.0
ISC-EH 31 21:57:41.5, 9'95N:126'24E, h66km, 2km, Error ellipse:
s-maj=4.4km s-min=2.9km az=79.0
IDC 31 21:57:42.9, 2.2, 9'93N:126'31E, h79km, 20km, mb4.1/29,
mbmp4.4/33, MS3.9/4, Error ellipse: s-maj=17.6km
s-min=10.4km az=87.0
ISC 31 21:57:40.3, 1.0, 9'97N:126'35E:0.06, h56km, 9km,
n144, c1s24/154, mb4.5/64, MS4.0/4, 7C-9D, Mindanao

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like SCPH Surigao, DAVO City (W), KCP Kidapawan, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like KLR Kuldur, MORW Morawa, H1N1 WAKE ISLAND HY, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like NOA NORSAR Array B, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

KMGR		eS	Sb	22 17 28.2	-0.7	DMNI		S	Sg	22 18 22.1	-1.4	DSP	Deep Springs	1.23 143	IAML	22 27 24.0	
VLKR	Vladikavkaz	eP	Pg	22 17 23.2	-0.3	DMNI	Dmanisi	2.06 194	PN	Sb	22 17 53.3	-1.5	MPK	Martis Peak	1.28 317	Pg	22 27 05.6
VLKR	Vladikavkaz	eP	Pg	22 17 28.6	+0.8	DMNI			Sb	22 18 22.1	-1.4	MPK	Martis Peak	1.28 317	IAML	22 27 23.3	
TRKR	Terskaya	eS	Sb	22 17 26.2	-0.2	DDFL	Dedoflistskaro	2.11 153	P	Sb	22 17 56.3	+0.7	MPK	Martis Peak	1.28 317	IAML	22 27 26.4
TRKR	Terskaya	eS	Sb	22 17 26.9	-2.1	DDFL	Dedoflistskaro	2.11 153	P	Sb	22 18 30.0	+4.8	TPH	Tonopah	1.36 101	Pn	22 27 06.7
ARNR	Ardon	eS	Sb	22 17 35.4	+2.8	AKH	Akhalkalaki	2.16 208	P	Sb	22 17 54.9	-1.7	TIN	Tinmahia, Big	1.41 157	Pn	22 27 09.1
ARNR	Ardon	eS	Sb	22 17 36.0	-1.0	AKH	Akhalkalaki	2.16 208	PN	Pb	22 17 54.9	-1.7	TIN	Tinmahia, Big	1.41 157	Pb	22 27 07.9
ARNR	Ardon	eP	Sb	22 17 26.5	-0.5	ABS	Abastumani	2.17 224	P	Pb	22 17 55.5	-1.2	TIN	Tinmahia, Big	1.41 157	Pb	22 27 27.4
ARNR	Ardon	eS	Sb	22 17 34.8	+1.2	ABS	Abastumani	2.17 224	PN	Sg	22 18 25.5	-1.6	Q09A	Carvers	1.44 70	Pn	22 27 08.1
STDR	Stavd-Durt	eS	Sb	22 17 29.1	-0.1	ABS	Abastumani	2.17 224	PN	Sg	22 18 25.5	-1.6	DOHR	Donner Summit	1.48 313	Pn	22 27 08.0
STDR	Stavd-Durt	eS	Sb	22 17 39.4	-1.3	BGD	Bogdanovka	2.26 204	P	Pb	22 17 56.4	-1.9	DOHR	Donner Summit	1.48 313	Pn	22 27 09.4
STDR	Stavd-Durt	eP	Pg	22 17 29.3	0.0	BGD	Bogdanovka	2.26 204	PN	Pb	22 17 56.4	-1.9	LCH	Last Change Ra	1.50 138	Pn	22 27 09.1
STDR	Stavd-Durt	eS	Sb	22 17 40.9	+0.3	URKR	Urkarakh	2.37 119	ePn	Sb	22 17 57.2	+1.0	LCH	Last Change Ra	1.50 138	Pn	22 27 33.6
PRTR	Priterechnaya	eS	Sb	22 17 53.9	+0.9	URKR	Urkarakh	2.37 119	ePn	Sb	22 17 57.2	+1.0	BAHB	Babbi Peak	1.56 324	Pb	22 27 10.7
PRTR	Priterechnaya	eS	Sb	22 17 30.5	-1.0	URKR	Urkarakh	2.37 119	ePn	Sb	22 18 29.4	-1.8	WVA	Winnemucca Val	1.74 336	Pb	22 27 13.6
PRTR	Priterechnaya	eS	Sb	22 17 40.5	-0.6	URKR	Urkarakh	2.37 119	ePn	Sb	22 18 29.4	-1.8	GRAC	Grapevine Rang	1.83 137	Pn	22 27 13.4
PRTR	Priterechnaya	eS	Sb	22 17 30.5	-1.0	URKR	Urkarakh	2.37 119	ePn	Sb	22 18 29.4	-1.8	GRAC	Grapevine Rang	1.83 137	Pn	22 27 16.0
PRTR	Priterechnaya	eS	Sb	22 17 40.5	-0.6	URKR	Urkarakh	2.37 119	ePn	Sb	22 18 29.4	-1.8	GRAC	Grapevine Rang	1.83 137	Pb	22 27 40.7
KVNR	Kora	eS	Sb	22 17 30.1	0.0	AKT	Akhty	2.83 130	ePn	Pb	22 18 04.0	+1.4	GRAC	Grapevine Rang	1.83 137	S	22 27 40.7
KORR	Kora	eP	Pg	22 17 39.5	+0.9	AKT	Akhty	2.83 130	ePn	Pb	22 18 05.1	-2.8	BEKR	Beckworth	1.88 324	Pn	22 27 14.4
KORR	Kora	eP	Pg	22 17 30.9	-1.1	AKT	Akhty	2.83 130	ePn	Pb	22 18 10.7		CWC	Cottonwood Cre	2.02 161	Pn	22 27 16.8
LACR	Lac	eP	Pg	22 17 29.2	-0.6	AKT	Akhty	2.83 130	ePn	Pb	22 18 13.1		CWC	Cottonwood Cre	2.02 161	Pb	22 27 18.4
LACR	Lac	eS	Sb	22 17 40.7	+1.2	AKT	Akhty	2.83 130	ePn	Pb	22 18 15.4		SGV	South Grapevin	2.03 132	Pn	22 27 16.4
LACR	Lac	eP	Pg	22 17 29.3	-0.6	AKT	Akhty	2.83 130	ePn	Pb	22 18 15.4		VOG	Valley Oaks G	2.06 191	Pg	22 27 19.0
GROC	Groznyy	iP	Pg	22 17 31.8	-1.5	AKT	Akhty	2.83 130	ePn	Pb	22 18 04.3	+1.1	VOG	Valley Oaks G	2.06 191	Sb	22 27 46.0
GROC	Groznyy	iP	Pg	22 17 43.5	-0.7	AKT	Akhty	2.83 130	ePn	Pb	22 18 04.3	+1.1	KPK	Kanaka Peak	2.23 304	Pn	22 27 19.8
GROC	Groznyy	iP	Pg	22 17 43.5	-0.7	AKT	Akhty	2.83 130	ePn	Pb	22 18 04.3	+1.1	ORV	Oroville	2.35 302	Pn	22 27 21.2
GROC	Groznyy	iP	Pg	22 17 43.5	-0.7	AKT	Akhty	2.83 130	ePn	Pb	22 18 04.3	+1.1	ORV	Oroville	2.35 302	Pn	22 27 56.4
PNSH	Pansheti	P	Pg	22 17 30.2	-1.0	AKT	Akhty	2.83 130	ePn	Pb	22 18 04.3	+1.1	ORV	Oroville	2.35 302	IAML	22 27 56.7
PNSH	Pansheti	P	Pg	22 17 43.3	-1.2	AKT	Akhty	2.83 130	ePn	Pb	22 18 04.3	+1.1	ORV	Oroville	2.35 302	IAML	22 27 56.7
PNSH	Pansheti	P	Pg	22 17 30.2	-1.0	AKT	Akhty	2.83 130	ePn	Pb	22 18 04.3	+1.1	WCT	Wildcat Mounta	2.39 130	Pn	22 27 21.0
PNSH	Pansheti	P	Pg	22 17 30.2	-1.0	AKT	Akhty	2.83 130	ePn	Pb	22 18 04.3	+1.1	BMN	Battle Mountai	2.45 32	Pn	22 27 21.1
PNSH	Pansheti	P	Pg	22 17 30.2	-1.0	AKT	Akhty	2.83 130	ePn	Pb	22 18 04.3	+1.1	FURC	Furnace Creek,	2.49 138	Pb	22 27 27.7
PNSH	Pansheti	P	Pg	22 17 30.2	-1.0	AKT	Akhty	2.83 130	ePn	Pb	22 18 04.3	+1.1	FURC	Furnace Creek,	2.49 138	Pb	22 27 27.7
LSNR	Lesken	eS	Sb	22 17 32.7	-1.1	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
LSNR	Lesken	eS	Sb	22 17 44.5	-0.5	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
LSNR	Lesken	eS	Sb	22 17 32.7	-1.1	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
LSNR	Lesken	eS	Sb	22 17 44.5	-0.5	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
LSNR	Lesken	eS	Sb	22 17 32.7	-1.1	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
LSNR	Lesken	eS	Sb	22 17 44.5	-0.5	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
ZEI	Tsey	eS	Sb	22 17 34.2	-0.5	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
ZEI	Tsey	eS	Sb	22 17 48.3	-0.2	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
ZEI	Tsey	eS	Sb	22 17 34.2	-0.5	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
ZEI	Tsey	eS	Sb	22 17 48.3	-0.2	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
GUDG	Gudaury	P	Pg	22 17 34.3	-0.6	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
GUDG	Gudaury	P	Pg	22 17 36.3	+0.1	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22 17 35.9	+0.3	DRN	Derbent	2.88 116	ePn	Pn	22 18 40.2	+2.4	FURC	Furnace Creek,	2.49 138	Pb	22 28 02.5
NCK	Nalchik	iP	Pg	22													

TYRN	comp=E.325nm,0.5s	S	Sn	23 45 17.4	0.0
TYRN	Tyrnavos	1.66 224	P	Pn	23 44 56.1 +0.1
PGB	Panagyurishte	1.68 11	P	Pn	23 44 56.6 +0.3
ALN	Alexandroupoli	1.75 89	P	Pn	23 44 56.4 +0.3
ALN	Alexandroupoli	1.75 89	PN	Pn	23 44 57.0 +0.2
ALN	Alexandroupoli	1.75 89	P	Pn	23 44 56.4 -0.9
ALN	comp=E.864um,0.4s	AML	AML	23 45 28.1	
ALN	comp=N.580um,0.4s	AML	AML	23 45 28.3	
VTS	Vitosha	1.75 348	P	Pn	23 44 57.6 +0.1
DIM	Dimitrovgrad	1.77 49	P	Pg	23 44 59.8 -0.8
FNA	Florina	1.79 267	P	Pn	23 44 58.2 +0.3
FNA	Florina	1.79 267	PN	Pn	23 44 57.8 -0.1
FNA	Florina	1.79 267	SN	Sn	23 45 57.9 +0.6
FNA	Florina	1.79 267	P	Pn	23 44 57.9 -0.1
FNA	comp=E.175um,0.5s	AML	AML	23 45 32.7	
FNA	comp=N.201um,0.6s	AML	AML	23 45 36.1	
FNA	Florina	1.79 267	ePn	Pn	23 44 57.9 -0.1
GADA	Gvkggeada	1.80 113	PN	Pn	23 44 58.3 +0.4
ENEZ	Enez	1.84 94	P	Pn	23 44 57.7 -0.8
ENEZ	Enez	1.84 94	PN	Pn	23 44 59.2 +0.7
BOSS	Bosilegrad	1.85 330	ePn	Pn	23 44 57.7 +0.9
BOSS			eSn	Sb	23 45 23.5 -0.4
THL	Klokotos Trika	1.88 225	P	Pn	23 44 59.0 -0.1
THL	Klokotos Trika	1.88 225	P	Pn	23 44 58.9 -0.1
PRVS	Prvonek	2.03 323	ePn	Pn	23 45 01.4 +0.3
FRVS			eSn	Sn	23 45 27.9 +1.2
SKO	Skopje	2.03 302	ePn	Pn	23 45 01.9 +0.2
BOZC	Bozcaada	2.06 120	PN	Pn	23 45 02.2 +0.6
NEST	Nestorio	2.10 257	P	Pn	23 45 02.6 +0.4
NEST	Nestorio	2.10 257	P	Pn	23 45 02.8 +0.6
ERIK	Erikli-Kesan	2.12 95	PN	Pn	23 45 02.5 +0.1
GELI	Tayfur-Gelibol	2.15 103	PN	Pn	23 45 02.9 +0.1
AGG	Agios Georgios	2.17 210	P	Pn	23 45 02.7 -0.3
AGG	Agios Georgios	2.17 210	PN	Pn	23 45 03.2 +0.1
AGG	Agios Georgios	2.17 210	P	Pn	23 45 02.8 -0.3
UKOP	Uzunkopru-Edir	2.20 83	PN	Pn	23 45 04.4 +0.9
OHR	Ohrid	2.23 276	ePn	Pn	23 45 03.7 -0.3
EZN	Ezine	2.25 118	P	Pn	23 45 03.2 +0.4
EZN	Ezine	2.25 118	PN	Pn	23 45 04.9 +0.7
MAKR	Makrakomi, Fth	2.25 214	P	Pn	23 45 04.7 +0.4
MAKR	Makrakomi, Fth	2.25 214	P	Pn	23 45 04.7 +0.4
MAKR	comp=E.489um,0.7s	AML	AML	23 45 36.7	
MAKR	comp=N.483um,0.8s	AML	AML	23 45 48.0	
KYMI	Kymi, Euboea I	2.29 173	P	Pn	23 45 03.6 -1.1
AXAR	Agios Charaliam	2.29 202	P	Pn	23 45 04.3 -0.4
AXAR	Agios Charaliam	2.29 202	P	Pn	23 45 03.3 +1.1
SIGR	SIGRI	2.35 135	P	Pn	23 45 04.9 -0.6
SIGR	SIGRI	2.35 135	PN	Pn	23 45 06.5 +1.0
SIGR	SIGRI	2.35 135	P	Pn	23 45 04.7 -0.7
SIGR	comp=N.601um,0.4s	AML	AML	23 45 44.0	
SIGR	comp=E.574um,0.5s	AML	AML	23 45 45.4	
LPK	Lapseki	2.36 102	PN	Pn	23 45 06.5 +0.8
BARS	Barje	2.39 324	ePn	Pn	23 45 06.2 +0.1
EDRB	Edirne	2.45 66	ePn	Pn	23 45 37.5 +2.0
EDRB	Edirne	2.45 66	P	Pn	23 45 06.2 +0.7
EDRB	Edirne	2.45 66	PN	Pn	23 45 07.4 +0.5
EVR	Evrytania	2.48 217	P	Pn	23 45 07.6 +0.2
EVR	Evrytania	2.48 217	P	Pn	23 45 07.2 -0.2
EVR	comp=E.202um,0.9s	AML	AML	23 45 55.1	
EVR	comp=N.179um,0.7s	AML	AML	23 45 57.0	
ZAPS	Zavoj	2.50 341	ePn	Pn	23 45 07.6 -0.1
ZAPS			eSn	Sn	23 45 39.4 +0.9
PRK	Paraskevi	2.56 130	P	Pn	23 45 08.1 +0.4
PLVB	Pleven	2.57 15	↑P	Pb	23 45 10.8 -2.2
PLVB	Pleven	2.57 15	↑S	Sg	23 45 48.9 -0.3
RKY	Sarkoy-Tekirda	2.62 94	PN	Pn	23 45 10.3 +1.0
ANX	Ano Chora	2.70 212	P	Pn	23 45 10.7 +0.3
ANX	Ano Chora	2.70 212	P	Pn	23 45 10.8 +0.3
SERG	Sergoula	2.81 206	P	Pn	23 45 12.3 +0.5
EFP	Efpalio	2.85 210	P	Pn	23 45 12.7 +0.3
PVO	Paravola	2.85 217	P	Pn	23 45 12.7 +0.3
SELS	Selova	3.02 321	ePn	Pn	23 45 13.9 -0.9
CHOS	Chios Island	3.09 144	PN	Pn	23 45 17.1 +1.4
CHOS	Chios Island	3.09 144	P	Pn	23 45 15.5 +0.5
KLV	Kalavrytia, Ach	3.11 204	P	Pn	23 45 15.2 -0.8
ZAGS	Zajecar	3.11 340	ePn	Pn	23 45 16.0 0.0
BOVS	Bovan	3.12 332	↑P	Pn	23 45 15.4 -0.6
BOVS	Bovan	3.12 332	↑S	Sn	23 45 53.1 -0.4
BOVS	Bovan	3.12 332	ePn	Pn	23 45 15.0 -1.1
BOVS			eSn	Sn	23 45 55.0 +1.6
DRO	Drossia	3.34 209	P	Pn	23 45 19.2 +0.1
RAZG	Razgrad	3.36 37	↑P	Pn	23 45 22.8 +3.3
COPA	Copaceanca	3.41 18	↑P	Pb	23 45 23.7 -3.6
PUNG	Punghina	3.42 350	↑P	Pn	23 45 22.3 +2.0
SJES	Sjenica	3.66 311	ePn	Pn	23 45 24.1 +0.5
PDG	Podgorica	3.69 296	↑P	Pn	23 45 24.7 +0.8
PDG	Podgorica	3.69 296	↑S	Sn	23 46 09.8 +2.3
SGRR	Singureni	3.71 26	↑P	Pg	23 45 35.0 -2.7
GRUS	Gruza	3.73 324	ePn	Pn	23 45 24.5 0.0
HUMR	Humele	3.74 14	↑P	Pn	23 45 26.9 +2.2
IVAS	Ivanjica	3.77 316	ePn	Pn	23 45 35.2 +1.2
IVAS			eSn	Sn	23 46 10.7 +1.1
SRE	Strehaia	3.78 354	↑P	Pg	23 45 41.5 +2.5
KUBS	Kucevo	3.82 337	ePn	Pn	23 45 24.8 -1.0
DJES	Djerdap	3.86 347	↑P	Pn	23 45 26.5 +0.2
DJES	Djerdap	3.86 347	ePn	Pn	23 45 25.6 -0.8
HERR	Herculiane	4.09 347	↑P	Pn	23 45 29.2 +0.3
TRUS	Trudelj	4.13 325	ePn	Pn	23 45 28.5 -1.5
MDVR	Moldovita	4.15 340	↑P	Pn	23 45 30.7 +0.3
DIVS	Divibare	4.22 320	ePn	Pn	23 45 31.1 -0.3
BBLs	Lazići	4.36 314	ePn	Pn	23 45 32.9 -0.4
ICOR	Ion Corvin	4.40 42	↑P	Pn	23 45 36.2 +2.5
ARR	Arges	4.51 6	↑P	Pn	23 45 36.1 +0.8
GZR	Gura Zlata	4.54 351	↑P	Pn	23 45 37.1 +1.4
LOT	Lotru	4.54 0	↑P	Pn	23 45 36.0 +0.3
VOIR		4.63 12	↑P	Pn	23 45 38.5 +1.6
MLR	Muntele Rosu	4.86 19	↑P	Pn	23 45 42.3 +2.2
HARR	Harsova	4.88 38	↑P	Pn	23 45 41.3 +1.0
TIRR	Tirgusor	4.95 43	↑P	Pn	23 45 44.2 +3.0
BZS	Buzias	4.96 343	↑P	Pn	23 45 41.8 +0.5
SURR	Surduc	4.99 347	↑P	Pn	23 45 42.6 +0.8
DEV	Deva	5.01 353	↑P	Pn	23 45 43.2 +1.1
BISRR	Bisoca	5.12 24	↑P	Pn	23 45 44.9 +1.1
DOPR	Dopca	5.20 13	↑P	Pn	23 45 46.2 +1.5
COVR	Voineasa-Covas	5.26 19	↑P	Pn	23 45 47.6 +2.0
CFR	Carcaliu	5.35 36	↑P	Pn	23 45 48.5 +1.8
PLOR	Plostina	5.38 22	↑P	Pn	23 45 49.3 +2.1
OZUR		5.40 15	↑P	Pn	23 45 49.3 +1.8
VRI	Vrincioaia	5.42 23	↑P	Pn	23 45 49.9 +2.2
SIRR	Siria	5.57 345	↑P	Pn	23 45 49.8 0.0
MARR	Marisel-Cluj	5.79 356	↑P	Pn	23 45 53.4 +0.5
DRGR		5.93 353	↑P	Pn	23 45 54.9 +0.1
TESR	Tescani	5.99 20	↑P	Pn	23 45 58.1 +2.6
MORH	Mirgy, Hungar	6.47 327	↑P	Pn	23 46 01.8 -0.3
CONA	Conrad Observa	9.00 324	ePn	Pn	23 46 36.9 +0.1
ABTA	Abfaltersbach	9.99 310	ePn	Pn	23 46 51.9 +1.4
WTTA	Wattenberg	10.77 310	ePn	Pn	23 47 04.7 +3.4
WATA	comp=N.0.8nm,0.4s	10.84 310	ePn	Pn	23 47 04.5 +2.3
WATA	comp=N.0.9nm,0.4s	10.84 310	ePn	Pn	23 47 04.5 +2.3
MOTA	Moosalm	11.12 310	ePn	Pn	23 47 08.5 +2.4
MOTA	comp=N.1.0nm,0.6s				

PBSI		S	Sn	23 56 29.3 +1.4	
TSI	Tuntungan	2.20 1	P	Pn	23 56 22.9 +0.6
KCSI	Kotacane, Aceh	2.35 341	P	Pn	23 56 24.1 -0.2
SNSI	Sinabang, Aceh	2.47 297	P	Pn	23 56 26.3 +0.3
BKNI	Bangkinang	2.66 111	P	Pn	23 56 29.2 +0.4
PDSI	Padang	2.91 138	P	Pn	23 56 32.1 +0.1
SDSI	Sungai Dareh	3.64 127	P	Pn	23 56 42.7 +0.8
MLSI	Meulaboh, Aceh	3.65 324	P	Pn	23 56 42.1 +0.1
LHMI	Lhok Sumawe	4.23 338	P	Pn	23 56 49.7 -0.3
PPSI	Pulau Pagai	4.28 160	P	Pn	23 56 48.1 -2.6
MNAI	Manna	7.14 142	PN	Pn	23 57 27.6 -2.2
H08S2	Diego Garcia H	27.45 251	T	T	00 29 07.7
H08S3	Diego Garcia H	27.45 251	T	T	00 29 07.7
H08S1	Diego Garcia H	27.46 251	T	T	00 29 07.3
BATI	Baumata	27.49 115	P	P	00 01 31.3 +2.6
WRA	Warramunga Arr	40.95 123	P	P	00 03 23.9 -0.9
ASAR	Alice Springs	42.39 128	P	P	00 03 36.8 +0.2
MKAR	Makanchi Array	47.50 345	P	P	00 04 14.1 -2.7
STKA	Stephens Creek	52.43 133	P	P	00 04 56.6 +2.2
ZALV	Zalesovo Beam	53.70 350	P	P	00 04 59.8 -3.5

IDC 31 23:55:38.8,3.6,1.51N,98.36E,h0km,mb3.7/5,
mbtmp3.7/5,Error ellipse: s-maj=176.6km s-min=21.5km
az=55.0
DJA 31 23:55:47.6,0.3,1.1N,2.9E,1.75km,6km,M4.3/14,
mb5.1/1,MLV3.9/14
ISC 31 23:55:48.0,0.8,1.28N,0.05,98.53E,0.05,h63km,n22,
r193/22,mb3.8/6,Northern Sumatera
Code Station Name Δ° AZ° Phase ID Time Res
h m s ISC
GSI Gunungsitoli 0.96 271 P Pn 23 56 06.2 +0.6
GSI GSI S Sn 23 56 20.2 +1.5
MNSI Mandailing Nat 1.15 115 P Pn 23 56 08.7 +0.6
MNSI MNSI S Sn 23 56 24.0 +0.8
PBSI Pulau Batu 1.35 191 P Pn 23 56 11.0 +0.2

ISC Computed Locations for December 2016

