

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.

IDC 01 00:18:50.6:2.2, 6.72S:128.11E, h0km, mb3.3/1, mb1 3.7/4, mb1mx3.5/38, mbtmp3.6/4, ML3.8/3, Error ellipse: s-maj=55.7km s-min=35.3km az=75.0, Banda Sea

Code	Station Name	A°	AZ°	Phase ID	Time	Res
BATI	Baumata	5.60	231	Op	00 20 16.9	+1.7
BATI		14nm, 0.3s, baz=105, slow=2.4, SNR=7.7				
WRA	Warramunga Arr	14.47	156	Pn	00 22 16.7	-0.2
WRA		0.7nm, 0.3s, baz=335, slow=22, SNR=9.2				
ASAR	Alice Springs	17.75	162	Pn	00 22 58.2	-1.1
ASAR		0.1nm, 0.3s, baz=332, slow=11, SNR=7.4				
ASAR		0.1nm, 0.3s, baz=326, slow=24, SNR=3.0				
MKAR	Makanchi Array	66.97	328	P	00 29 45.0	-0.2
		0.2nm, 0.5s, baz=116, slow=6.6, SNR=1.8				

MOS 01 00:22:58.8:1.0, 38.77N:142.21E, h37km, mb4.7/44, Error ellipse: s-maj=6.5km s-min=4.6km az=94.9

BUJ 01 00:22:58.4:0.0, 38.55N:142.45E, h50km, mb4.7/25, mb4.6/42, Ms4.0/31, Ms7.3/90

NIED 01 00:23:00.4:38.71N:142.22E, h40km, MW4.5, Moment Tensor Solution. s3 Moment tensor: Scale 10¹⁵Nm; M₁₁=-0.09; M₂₂=1.24; M₃₃=1.15; M₁₂=0.47; M₁₃=4.50; M₂₃=0.00; Fault plane solution: Mo5.84000x10¹⁵ NP1:φ₁40.00000°, δ89.00000°, λ101.00000°. NP2:φ₂137.00000°, δ11.00000°, λ7.00000°

JMA 01 00:23:00.4:0.1, 38.71N:142.22E, h40km=1km, M4.5, Fault J1/J11

NEIC 01 00:23:01.6, 38.76N:142.16E, h41km, Moment Tensor Solution. Moment tensor: Scale 10¹⁵Nm; M₁₁=0.83; M₂₂=0.65; M₃₃=1.48; M₁₂=0.50; M₁₃=0.59; M₂₃=0.65; Fault plane solution: Mo4.65000x10¹⁵ NP1:φ₁135.52000°, δ16.02000°, λ15.19000°. NP2:φ₂30.90000°, δ85.85000°, λ105.49000°. Principal axes: T 4.8678, Plg47.0000°, Azm317.0000°; N -0.4823, Plg15.0000°, Azm210.0000°; P -4.3855, Plg39.0000°, Azm107.0000°

NEIC 01 00:23:01.7, 1.5, 38.74N:0.05E:142.18E:0.09, h41km, 5km, mb4.5/145, Mw4.4/20, Error ellipse: s-maj=10.5km s-min=7.8km az=106.0

IDC 01 00:23:02.8:1.8, 38.58N:142.14E, h61km, 16km, mb4.0/25, mb1 4.2/33, mb1mx4.1/54, mbtmp4.3/33, MS3.6/20, Ms1 3.6/20, ms1mx3.4/50, Error ellipse: s-maj=13.8km s-min=11.0km az=108.0

ISC 01 00:23:00.1:0.5, 38.66N:0.04E:142.36E:0.04, h40km, 4km, h40km; pP-P, n366, c1577/365, mb4.5/142, MS3.8/28, 25C-13D, Fault plane solution: NP1:φ₁91.30548°, δ81.0230°, λ-17.44882°. NP2:φ₂198.59413°, δ87.60434°, λ-97.64894°. Principal axes: T Plg42.1169°, Azm295.8836°; N Plg7.6422°, Azm198.9158°; P Plg46.8662°, Azm100.6817°; Near east coast of eastern Honshu

Code	Station Name	A°	AZ°	Phase ID	Time	Res
KUR						
KUR						
KUR						
JHS	Saijo	8.26	247	Pn	00 24 58.4	+1.0
YSS	Yuzh-Sakhalins	8.30	2	eP	00 24 58.5	+0.5
YSS				eS	00 26 29.1	-1.0
YSS				pmax		
YSS				MLR		
YSS				MLR		
YSS				Pn	00 24 58.5	+0.8
VLA	Vladivostok	9.10	303	eP	00 25 08.6	-0.2
MSHR	Mys Shuitsa	9.38	298	eP	00 25 11.6	-1.0
MSHR				pmax		
USAOB	Ussuriysk Arra	9.56	309	P	00 25 16.2	+1.2
USAOB	Ussuriysk Arra	9.56	309	Pn	00 25 16.2	+1.2
USRK	Ussuriysk Ar.	9.56	309	P	00 25 16.5	+1.5
USRK		baz=118, slow=16, SNR=124				
USRK		comp=Z, 511nm, 19.0s, baz=100, slow=36				
USRK	Ussuriysk Ar.	9.56	309	Pn	00 25 16.1	+1.1
JNU	Nakatsue	10.83	243	Pn	00 25 33.7	+1.2
JNU		comp=Z, 0.4nm, 0.3s, baz=80, slow=5.4, SNR=7.7				
JNU		Nakatsue	10.83	243		
MDJ	Mudanjiang	11.26	366	Pn	00 25 39.9	+1.7
KSRs	Korea Array	11.45	288	Pn	00 25 42.9	+2.0
KSRs		comp=Z, 0.4nm, 0.3s, baz=82, slow=14, SNR=9.5				
KSRs		comp=Z, 300nm, 20.4s, baz=86, slow=35				
KSAR	Wonju Array Be	11.48	268	Pn	00 25 39.9	-1.5
KSAR	Wonju Array Be	11.48	268	Pn	00 25 39.9	-1.5
KS19	Wonju Array Si	11.49	269	Pn	00 25 41.2	-0.2
JCJ	Chichijima	11.53	181	Pn	00 25 39.4	-2.7
JCJ		comp=Z, 2.9nm, 0.3s, baz=276, slow=23, SNR=1.6				
JCJ		comp=Z, 10nm, 0.3s, baz=285, slow=22, SNR=5.0				
JCJ		comp=Z, 42nm, 20.4s, baz=332, slow=43				
JCJ	Chichijima	11.53	181	Pn	00 25 43.5	+1.4
JSU	Suzuyama	12.08	237	Pn	00 25 49.2	-0.4
TJN	Tajima	12.13	264	eP	00 25 52.1	+1.9
TYV	Tymovskoe	12.21	1	eP	00 25 53.9	+2.7
TYV				pmax		
INCN	Inchon	12.46	269	Pn	00 25 53.5	-1.2
INCN	Inchon	12.46	269	Pn	00 25 53.5	-1.2
KLR	Kul'dur	13.03	328	P	00 26 01.9	-0.6
KLR		comp=Z, 0.2nm, 0.3s, baz=10, slow=14, SNR=8.4				
KLR		comp=Z, 448nm, 19.4s, baz=110, slow=37				
KLR	Kul'dur	13.03	328	eP	00 26 01.0	-1.5
KLR		comp=Z, 4.0nm, 1.0s				
PETK	Petrovskoye	17.91	31	P	00 27 09.4	+3.3
ZEZ	Zeya	18.30	330	eP	00 27 08.5	-1.9
ZEZ		comp=N, 20nm, 1.0s				
ZEZ		comp=Z, 30nm, 0.8s				
ZEZ		comp=E, 100nm, 15.0s				
ZEZ		comp=N, 200nm, 17.0s				
ZEZ		comp=Z, 200nm, 14.0s				
BJT	Bajitau	20.29	282	P	00 27 30.1	-2.2
BJT		comp=Z, 8.0nm, 0.7s				
MA2	Bajitau	20.29	282	P	00 27 30.1	-2.2
MA2		comp=Z, 14nm, 0.8s, baz=184, slow=16, SNR=3.4				
YHLB	Yu-ii	23.53	236	P	00 28 07.6	+1.0
HHC	Hu-ho-hao-te	23.72	285	eP	00 28 07.1	-1.4
HHC		comp=Z, 19nm, 0.9s				
HHC		comp=Z, 62nm, 4.3s				
HHC		comp=Z, 120nm, 12.5s				
HHC		comp=Z, 280nm, 10.2s				
HHC		comp=Z, 360nm, 11.1s				
TPUB	Ta-pu	24.03	237	P	00 28 11.9	+0.6
TPUB		comp=Z, 14nm, 0.8s				
TPUB		comp=Z, 12nm, 0.5s				
YAK	Yakutsk	24.67	346	P	00 28 17.6	+0.9
YAK		comp=Z, 6.2nm, 0.4s, baz=23, slow=3.2, SNR=4.1				
YAK		comp=Z, 106nm, 18.1s, baz=87, slow=37				
YAK	Yakutsk	24.67	346	eP	00 28 17.3	-1.4
YAK		comp=Z, 29nm, 1.0s				
YAK		comp=Z, 29nm, 1.0s				
BTO	Baotou	24.91	285	eP	00 28 21.3	+1.9
BTO		comp=Z, 290nm, 15.8s				
BTO		comp=Z, 11m, 17.3s				
GUM	Guam	25.07	174	LR	00 28 19.5	
GUM		comp=Z, 52nm, 20.7s, baz=36, slow=36				
BOD	Bodaibo	26.59	325	eP	00 28 32.7	-1.5
BOD		comp=Z, 12nm, 1.1s				
ULN	Ulanbaatar	27.11	301	eP	00 28 38.9	-0.3
ULN		comp=Z, 8.0nm, 1.3s				
ULN	Ulanbaatar	27.11	301	P	00 28 38.3	-0.9
XAN	Xi'an	27.24	271	S	00 28 36.1	-4.2
XAN		comp=Z, 4.0nm, 0.7s				
XAN		comp=Z, 52nm, 6.0s				
XAN		comp=Z, 140nm, 19.5s				
XAN		comp=Z, 160nm, 20.1s				
XAN		comp=Z, 160nm, 19.8s				
SOMN	Songino Array	27.55	301	P	00 28 42.2	-0.8
SOMN		comp=Z, 1.9nm, 0.8s, baz=102, slow=9.2, SNR=7.7				
SOMN		comp=Z, 111nm, 19.6s, baz=48, slow=37				
SOMN	Songino Array	27.55	301	P	00 28 41.1	-2.0
H1N2	WAKE ISLAND Hy	28.39	125	T	00 59 12.5	
H1N1	WAKE ISLAND Hy	28.40	125	T	00 59 13.2	
H1N3	WAKE ISLAND Hy	28.41	125	T	00 59 13.8	
H1S1	WAKE ISLAND Hy	29.16	127	T	01 00 11.9	
H1S2	WAKE ISLAND Hy	29.17	127	T	01 00 10.5	
H1S3	WAKE ISLAND Hy	29.17	127	T	01 00 11.6	
H1S2	WAKE ISLAND Hy	29.18	127	T	00 29 02.3	-1.6
ZAK	Zakamensk	29.89	306	eP	00 29 14.7	+4.6
ZAK		comp=Z, 8.0nm, 1.0s				
LZH	Lanzhou	30.57	277	eP	00 29 27.7	+2.0
LZH		comp=Z, 14nm, 1.1s				
LZH		comp=Z, 73nm, 4.3s				
LZH		comp=Z, 160nm, 15.7s				
LZH		comp=Z, 200nm, 16.8s				
LZH		comp=Z, 120nm, 16.4s				
BILL	Bilibino	32.26	17	P	00 29 25.9	+1.5

BILL	Code	Station Name	A°	AZ°	Phase ID	Time	Res
BILL							
BILL							
BILL							
CD2	Chengdu	32.45	268	P	00 29 25.5	-1.0	
CD2				pP	00 29 36.3	-1.1	
CD2				sP	00 29 41.4	-0.8	
CD2				S	00 34 36.8	-1.8	
CD2				pmax			
CD2				pmax			
CD2				LR			
CD2				LR			
GTA	Gaotai	32.84	285	||P	00 29 30.3	+0.3	
GTA				sP	00 29 48.3	+2.7	
GTA				pmax			
GTA				pmax			
GTA				LR			
GTA				LR			
GTA				LR			
GTA				LR			
GTA				LR			
KMI	Kunming	35.97	260	||P	00 29 56.6	-0.7	
KMI				pP	00 30 08.8	+0.5	
KMI				sP	00 30 14.4	+1.4	
KMI				pmax			
KMI				LR			
KMI				LR			
KMI				LR			
KMI				LR			
GAMB	Gambel	36.94	32	P	00 30 05.7	+0.9	
SLVN	Son La	37.20	354	P	00 30 07.8	+2.0	
KWAJ	Kwajalein Atol	37.39	136	P	00 30 12.0	+2.8	
KWAJ				pmax			
KWAJ				pmax			
DGZ	Jazzatar, Alta	40.08	304	eP	00 30 12.0	+2.8	
DGZ				pmax			
WMQ	Urumqi	40.80	295	eP	00 30 39.5	+2.0	
WMQ				LR			
WMQ				LR			
WMQ				LR			
ZAAO	Zalesovo Array	41.40	311	P	00 30 41.8	-0.4	
ZAAO				Iamb	00 30 42.7		
ZALV	Zalesovo Ben	41.40	311	P	00 30 41.8	-0.4	
ZALV		comp=Z, 5.5nm, 0.5s, baz=85, slow=7.9, SNR=31					
ZALV		comp=Z, 0.9nm, 0.5s, baz=74, slow=3.1, SNR=1.9					
RDOG	Red Dog Mine	41.72	27	P	00 30 46.6	+1.9	
NR1K	Noril'sk	42.12	334	P	00 30 47.4	-0.4	
NR1K		comp=Z, 2.6nm, 0.7s, baz=120, slow=10, SNR=3.6					
NR1K	Noril'sk	42.12	334	eP	00 30 47.0	-0.9	
NR1K				pmax			
NR1K				pmax			
NR1K				P	00 30 48.4	+0.5	
PBKT	Sadapong	42.30	250	P	00 30 50.5	+0.5	
PBKT				Iamb	00 30 54.9		
CHTO	Chiang Mai	42.43	255	P	00 30 51.4	+0.4	
CHTO				pmax			
CHTO	Chiang Mai	42.43	255	P	00 30 51.4	+0.4	
CMAR	Chiang Mai Arr	42.65	254	P	00 30 53.7	+0.9	
CMAR		comp=Z, 0.9nm, 0.5s, baz=49, slow=8.7, SNR=1.5					
SVW2	Svalbard	43.78	38	P	00 31 02.6	+1.1	
CHIR	Chirikof Island	43.87	46	P	00 31 02.2	0.0	
MK31	Makanchi Array	43.91	301	P	00 31 01.7	-1.0	
MK31				pmax			
MK31				pmax			
MK31				P	00 31 01.7	-1.0	
MKAR	Makanchi Array	43.91	301	P	00 31 02.2	-0.5	

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsavu, AF1 Afiamalu, LTZ Lake Taylor, etc.

PGC 01 00:54:09.12, 50.31N, 130.28W, h10km, MLsn3, 1/23, Mw3.7/23, 207km west of Pt. Hardy, Bc Vancouver Island, Canada Region

NEIC 01 00:43:56.2, 2.3, 14.58S, 0.02, 167.3E, 0.2, h87km, 7.7km, mb4.5/18, Error ellipse: s-maj=27.3km s-min=1.6km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HOBH Hultberg, PACB Port Alice, BCB Gold River, etc.

RSPR 01 01:22:41.6, 19.37N, 65.43W, h137km, 3km, MD3.5/9, NEIC 01 01:22:42.2, 3.1, 19.6N, 0.1, 65.50W, 0.04, h44km, 46km, Error ellipse: s-maj=16.0km s-min=4.9km az=185.0

ISC 01 01:22:43.2, 3.1, 19.7N, 0.1, 65.49W, 0.05, h35km, n47, e=1919/48, 8C-5D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HUMP Col San Antoni, SJB San Juan, SJB San Juan, etc.

ISC 01 01:29:55.9, 0.9, 52.22N, 169.41W, h0km, mb3.9/21, mb1.4/23, mb1mx3.9/59, mbtmp3.9/23, ML3.5/2, MS3.3/8, Ms1.3/3.8, ms1mx3.0/42, Error ellipse: s-maj=26.7km s-min=15.5km az=175.0

AEIC 01 01:30:00.2, 8.52, 17N, 0.07, 169.36W, 0.09, h43km, 6km, Error ellipse: s-maj=10.0km s-min=7.3km az=156.0

1d 2h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like INK, YKA, H1N1, H1N2, H1N3, H1N4, H1N5, H1N6, H1N7, H1N8, H1N9, H1N10, H1N11, H1N12, H1N13, H1N14, H1N15, H1N16, H1N17, H1N18, H1N19, H1N20, H1N21, H1N22, H1N23, H1N24, H1N25, H1N26, H1N27, H1N28, H1N29, H1N30, H1N31, H1N32, H1N33, H1N34, H1N35, H1N36, H1N37, H1N38, H1N39, H1N40, H1N41, H1N42, H1N43, H1N44, H1N45, H1N46, H1N47, H1N48, H1N49, H1N50, H1N51, H1N52, H1N53, H1N54, H1N55, H1N56, H1N57, H1N58, H1N59, H1N60, H1N61, H1N62, H1N63, H1N64, H1N65, H1N66, H1N67, H1N68, H1N69, H1N70, H1N71, H1N72, H1N73, H1N74, H1N75, H1N76, H1N77, H1N78, H1N79, H1N80, H1N81, H1N82, H1N83, H1N84, H1N85, H1N86, H1N87, H1N88, H1N89, H1N90, H1N91, H1N92, H1N93, H1N94, H1N95, H1N96, H1N97, H1N98, H1N99, H1N100.

NEIC 01 01:37:42.7±3.7, 28.53N±0.05±85.7E±0.1, h10km±2km, mb4.0/6, Error ellipse: s-maj=16.9km s-min=7.0km

IDC 01 01:37:57.1±2.1, 28.14N±85.96E, h0km, mb3.7/2, mb1 3.6/4, mb1mx3.3/4.4, mbtmp3.5/4, ML3.2/1, Error ellipse: s-maj=65.0km s-min=32.8km az=61.0

ISC 01 01:37:58.6±1.8, 28.22N±0.2±86.0E±0.4, h10km, n7, n5±00/4, mb3.7/3, Nepal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LSA, SHL, MKAR, SONMI, GURO, FINES, WRA.

IEPC 01 02:05:00.9±0.1, 50.10N±18.43E, h3km±1km, ML2.1/4, Error ellipse: s-maj=1.4km s-min=0.7km az=159.0

VIE 01 02:05:00.3±0.3, 50.13N±18.42E, h0km, mb2.5/9, ml2.3/9, ms3.1/2, Error ellipse: s-maj=3.2km s-min=1.9km az=155.0

PRU 01 02:05:01.3±0.0, 50.05N±18.41E, h0km

2015 AUG

ISC 01 02:05:00.7±0.8, 50.10N±0.03±18.42E±0.02, h0km, n45, s=129/79, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAC, Ostrava-Krasne, MORC, Moravsky Berou, MORC, Moravsky Berou, MORC, Ojcow, KRALIKY, Liptovska Anna, Velka Javorina, JAVC, Dobruska-Polom, VRAC, Vranov, VRAC, Ostas, Ksiaz, Chvalec, Upec, Vyhne, YVHS, KRUC, Moravsky, KRUC, SMolence, MODRA, Stebnicka Huta, ZST, CRVS, PRU, PVCC, PRA, CONA, KOLS, PBC, BRG, CKRC, KHC, ARSA, MOA, MOT, SQT, RETA, FETA.

IDC 01 02:12:21.9±3.6, 4.93S±151.37E, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.6/3.0, mbtmp4.0/2, Error ellipse: s-maj=137.0km s-min=48.1km az=117.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA, Alice Springs, TOR, Torodi Arr.

IDC 01 02:20:13.1±7.9, 4.95S±148.12E, h0km, mb3.1/2, mb1 3.5/2, mb1mx3.3/2.5, mbtmp3.3/2, Error ellipse: s-maj=350.8km s-min=48.5km az=111.0, Bismarck Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA, Alice Springs, TOR, Torodi Arr.

IDC 01 02:39:14.5±1.7, 1.67N±126.60E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/2.3, mbtmp3.5/3, Error ellipse: s-maj=172.0km s-min=27.1km az=72.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA, Alice Springs, SONMI.

2.0nm, 1.2s, baz=170, slow=8.8, SNR=3.8

ROM 01 02:46:50.6±0.1, 37.649N±0.008±15.90E±0.01, h33km, ML3.2/51, 17C-23D, Error ellipse: s-maj=1.4km s-min=0.5km az=300.0, Sicily

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MPAZ, MTTG, SOI, GMB, MSCL, AIO, MPNC, MCSR, AGST, MSRU, HAGA, NOV, NOV, NOV, EMSG, ESM, MILZ, MILZ, SSS, EPZF, HLN, MUCR, PLAC, PLAC, PLAC, PLAC, HAVL, HAVL, HAVL, MEU, MEU, JOPP, JOPP, MNO, MNO, VPL, VPL.

GALF	comp=N,10570um,0.4s	1.06 274	U	P	Pb	02 47 10.6 +0.2
GALF	Gagliano Caste				Sb	02 47 24.8 +0.8
GALF					AML	
GALF	comp=N,1078um,0.9s				AML	
LLI	comp=E,1150um,0.9s	1.09 317	P	AML	Pn	02 47 10.1 +0.5
LLI	Lipari				AML	
LLI	comp=N,12500um,0.3s				AML	
MSFR	San Fratello	1.10 291	U	P	Pb	02 47 11.0 -0.2
MSFR					Sb	02 47 25.5 +0.2
MSFR					AML	
MSFR	comp=N,1197um,0.5s				AML	
CAGR	comp=E,1350um,0.7s	1.11 269	P	AML		02 47 12.0 +0.7
CAGR	Agira				AML	
CAGR	comp=N,2150um,0.5s				AML	
HMDC	comp=E,1925um,0.6s	1.12 232	U	P	Pb	02 47 10.9 -0.7
HMDC	Modica				Sb	02 47 25.3 -0.6
HMDC					AML	
HMDC	comp=N,1630um,0.3s				AML	
HPAC	comp=E,2290um,0.8s	1.14 214	P	AML	Pb	02 47 11.8 0.0
HPAC	Pachino				Sb	02 47 26.8 +0.5
HPAC					AML	
HPAC	comp=E,2495um,0.3s				AML	
HPAC	comp=N,2625um,0.5s				AML	
GRI	Girifalco	1.24 19	P	AML	Pn	02 47 12.5 +0.8
GRI					AML	
GRI	comp=N,400um,0.5s				AML	
ISTR	Stromboli Gino	1.26 334	P	AML	Pn	02 47 11.3 -0.6
ISTR					AML	
ISTR	comp=E,687um,0.4s				AML	
RAFF	Raffo Rosso	1.29 251	U	P	Pb	02 47 13.6 -0.7
RAFF					AML	
RAFF	comp=N,592um,0.2s				AML	
IFIL	Filicudi I Eol	1.39 311	U	P	Pn	02 47 13.7 -0.1
IFIL					AML	
IFIL	comp=N,1545um,0.4s				AML	
PETRA	Petralia Sopra	1.42 278	P	AML	Pb	02 47 16.2 -0.5
PETRA					AML	
PETRA	comp=N,419um,1.0s				AML	
CSLB	Castelbuono	1.48 282	U	P	Pb	02 47 16.4 -1.2
CSLB					AML	
CSLB	comp=E,124um,1.6s				AML	
IACL	Alicudi	1.50 306	U	P	Pn	02 47 15.3 +0.1
IACL					AML	
IACL	comp=N,608um,1.5s				AML	
SERS	Sersale	1.52 24	U	P	Pn	02 47 16.5 +0.9
SERS					AML	
SERS	comp=N,118um,0.9s				AML	
CLTA	Licata	1.62 253	U	P	Pb	02 47 19.2 -0.6
CLTA					AML	
CLTA	comp=N,942um,1.3s				AML	
CAR1	CAROLEI	1.62 9	P	AML	Pn	02 47 16.5 -0.4
CAR1					AML	
CAR1	comp=N,668um,0.5s				AML	
CAR1	comp=E,627um,0.5s				AML	
SPS2	Spezzano della	1.68 12	P	Pn	02 47 18.4 +0.7	
ALJA	Alia	1.70 274	P	Pb	02 47 20.6 -0.7	
CELI	Celico	1.82 15	P	Pn	02 47 20.2 +0.5	
CET2	Cetraro	1.88 11	P	Pn	02 47 20.3 -0.2	
CET2					AML	
CET2	comp=E,462um,1.0s				AML	
PIPA	Pietrapola	1.97 21	P	Pn	02 47 22.7 +1.0	
PIPA					AML	
PIPA	comp=E,112um,1.3s				AML	
CORL	Corleone	2.07 278	P	Pb	02 47 25.4 -2.1	
MPG	Monte Pellegrino	2.07 285	P	Pn	02 47 24.0 +0.9	
T070	Acquaformosa (	2.07 4	P	Pn	02 47 22.9 -0.3	
WDD	Wied Dalam	2.12 212	P	Pn	02 47 25.2 +1.6	
WDD					Sb	02 47 50.5 +1.6
SALB	San Lorenzo Be	2.25 9	P	Pb	02 47 28.3 -2.4	
SALB					AML	
SALB	comp=N,53um,0.7s				AML	
CUC	Castrocuoco	2.34 358	U	P	Pn	02 47 27.1 +0.3
CUC					AML	
CUC	comp=N,79um,0.7s				AML	
BULG	Bulgheria - Ca	2.46 351	U	P	Pn	02 47 28.1 -0.3
BULG					AML	
BULG	comp=E,98um,0.3s				AML	
MGR	Morigerati	2.50 354	U	P	Pn	02 47 29.2 +0.3
MGR					AML	
MGR	comp=N,77um,1.1s				AML	
SIRI	Santa Caterina	2.53 360	U	P	Pn	02 47 31.4 +1.9
CMPR	Campanora	2.71 350	U	P	Pn	02 47 33.0 +1.1
CRAC	Craco	2.74 9	P	Pn	02 47 34.1 +1.8	
CRAC					AML	
CRAC	comp=E,161um,0.8s				AML	
CRAC	comp=N,155um,1.6s				AML	
CDRU	Civita di Ruta	2.87 351	U	P	Pn	02 47 35.6 +1.4
CDRU					AML	
CDRU	comp=N,42um,0.4s				AML	
MIGL	Miglionico	2.98 8	P	Pn	02 47 36.2 +0.6	
MATE	Matera	3.06 12	U	P	Pn	02 47 36.3 -0.4
MATE					Sb	02 48 11.0 -1.1
MATE					AML	
MATE	comp=E,106um,0.3s				AML	
ACER	Acerenza	3.13 1	U	P	Pn	02 47 39.1 +1.4
ACER					AML	
ACER	comp=N,96um,0.6s				AML	
ACER	comp=N,82um,1.2s				AML	
SCTE	Santa Caterina	3.14 39	P	Pn	02 47 36.8 -1.0	
MCRV	Calabritto - M	3.18 350	S	Pb	02 48 24.0 -0.8	
NOCI	Noci	3.26 16	U	P	Pn	02 47 37.9 -1.6
NOCI					Sb	02 48 14.0 -3.2
NOCI					AML	
NOCI	comp=E,328um,1.1s				AML	
NOCI	comp=N,438um,0.6s				AML	
AMUR	Altamura	3.30 9	P	Pn	02 47 39.5 -0.5	
AMUR					AML	
AMUR	comp=E,166um,1.2s				AML	
AMUR	comp=N,194um,0.1s				AML	
KEK	Kerkira	3.68 55	U	P	Pn	02 47 43.9 -1.4
KEK					Sb	02 48 25.0 -2.6
KEK					AML	
KEK	comp=E,49um,0.8s				AML	
KEK	comp=N,42um,0.2s				AML	

SACR	S. Croce Del S	3.85 347	P	Pn	02 47 47.7 0.0	
ITM	Ithomi	4.82 94	U	P	02 48 01.8 +0.9	
GALF	Puka	5.36 34	U	P	02 48 08.1 -0.2	
STON	Ston	5.40 14	U	Pn	02 48 06.0 -2.7	
STON					Sb	02 48 59.8 -1.0
VSL	Villasalto	5.43 292	U	P	02 48 09.8 +0.4	
HVAR	Hvar	5.54 4	U	Pn	02 48 08.6 -2.1	
HVAR					Sb	02 49 05.1 -8.1
ZIRJ	Zirje	6.00 358	U	Pn	02 48 17.1 0.0	
ZIRJ					Sb	02 49 19.1 -5.5
MORI	Morici	6.21 359	U	Pn	02 48 19.1 -0.8	
MORI					Sb	02 49 19.1 -5.7
DUGI	Dugi Otok	6.37 355	U	Pn	02 48 21.8 -0.4	
DUGI					Sb	02 49 28.0 -5.6
MOSL	Moslavina	7.98 4	U	Pn	02 48 42.1 -2.2	

IDC 01 03:23:49.7.4.3,4'60S,152'14E,h0km,mb3.1/2, mb1 3.4/2,mb1mx3.2/37,Error ellipse: s-maj=202.0km s-min=50.0km az=119.0,New Britain region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
WRA	Warramunga Arr	23.09	227	Op	ISC	h m s ISC
ASAR	Alice Springs	25.86	221	P	P	03 28 57.1 -0.2
ASAR						0.3nm,0.5s,baz=52,slo=9.8,SNR=4.9
ASAR						0.4nm,0.5s,baz=60,slo=7.9,SNR=4.1
TORD	Tordi Ar. Bea	149.62	288	PKPbc	PKPbc	03 43 41.8 -0.6
TORD						0.2nm,0.5s,baz=68,slo=1.5,SNR=5.7

IDC 01 03:32:48.3.0.6,25'71S:69'51E,h0km,mb4.3/13, mb1 4.4/13,mb1mx4.1/51,nbtmp4.3/13,MS3.9/21, Ms1 3.9/21,ms1mx3.7/55,Error ellipse: s-maj=21.6km s-min=17.6km az=64.0

NEIC 01 03:32:50.9.1.6,25'71S:0'69E:0'1,h10km,1km, mb4.7/35,Error ellipse: s-maj=20.8km s-min=11.8km az=117.0

GCMT 01 03:32:51.8.0.3,25'77S:0'02E:69'60E:0'03,h13km,1km, MW5.0/88, Moment Tensor Solution, s37,c40; s88,c130; Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mir-2.95e-18; Mw0.33e-12; Mw0.0.1812; Mw-1.04e-27; Mw0.103e-09; Mw0.33e-33; Best double couple: M3.38700e-10; NP1=241.00000°; λ=111.00000°; NP2: φ=87.00000°; δ=4.00000°; λ=74.00000°. Principal axes: T 3.5500,Plg8.0000°. Azm165.0000°; N -0.3280, Plg13.0000°. Azm257.0000°; P -3.2230,Plg75.0000°, Azm44.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 01 03:32:52.0.0.5,25.7S:0'1'69E:0'1,h21km,n103, c0947/73,mb4.7/42,MS3.9/21,1C-1D,Indian Ocean Triple Junction

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
H08S1	Diego Garcia H	18.18	9	Op	ISC	h m s ISC
H08S1						03 55 40.1
H08S2	Diego Garcia H	18.18	9	T	T	03 55 43.2
H08S3	Diego Garcia H	18.20	9	T	T	03 55 41.5
VOI	Voihtoka	21.21	276	P	P	03 57 36.0 -0.6
PALK	Pallekele	34.52	20	LR	LR	03 50 15.6
MATP	Matopon	38.08	269	P	P	03 40 06.9 -2.7
GSI	Gunungsitoli	38.11	49	P	Iamb	03 40 08.1 -1.7
H01W2	Cape Leeuwin H	39.25	114	T	T	04 22 03.1
H01W3	Cape Leeuwin H	39.25	114	T	T	04 22 01.4
H01W1	Cape Leeuwin H	39.27	114	T	T	04 22 00.9
BOSA	Boshof	49.31	256	LR	LR	03 53 57.3
KMBO	Kilima Mbogo	39.62	303	LR	LR	03 53 09.0
LSZ	Lusaka	40.02	277	P	P	03 45 25.8 -0.1
SUR	Sutherland	42.88	249	LR	LR	03 54 37.3
TSUM	Tsuneb	48.27	267	LR	LR	03 58 52.2
WSAR	Wadi Sarin	49.81	347	LR	LR	03 57 52.8
CMAR	Chiang Mai Arr	52.36	36	P	P	03 42 03.0 +0.2
ASAR	Alice Springs	57.93	103	P	P	03 42 42.6 -0.5
LSA	Lhasa	58.85	22	P	Iamb	03 42 49.9 +0.2
WRA	Warramunga Arr	59.43	99	P	P	03 42 53.2 -0.3
WRA	Warramunga Arr	59.43	99	P	P	03 42 54.4 +0.8
KMI	Kunming	59.83	35	U	P	03 42 56.7 +0.4
KBL	Kabul	59.93	359	P	Iamb	03 42 57.0 +0.2
SNA	Sanae	60.30	200	P	Iamb	03 43 00.3 +1.4
STKA	Stevens Creek	62.35	114	LR	LR	04 06 30.0
GEYT	Alibek	64.22	350	LR	LR	04 08 09.0
EIL	Eilat	64.32	327	LR	LR	04 07 37.0
QSPA	South Pole Qui	64.42	180	P	P	03 43 26.8 +0.3
QSPA	South Pole Qui	64.42	180	Iamb	Iamb	03 43 26.8 +0.3
BTK	Batken	65.44	1	P	P	03 43 34.2 +0.9
VNDA	Vanda	65.58	166	P	P	03 43 33.7 0.0
VNDA	Vanda	65.58	166	Iamb	Iamb	03 43 35.8
KDJ	Kajisay	67.86	6	P	P	03 43 49.4 +0.5
BOOM	Boomskeye usch	68.11	5	P	P	03 43 50.5 0.0
AAK	Ala-Archa	68.16	4	P	Iamb	03 43 51.0 +0.3
MARD	Mardin	68.31	336	P	P	03 43 51.9 +0.2
KK31	Karatay Array	68.48	1	P	Iamb	03 43 53.3 +0.8
KKAR	Karatay Array	68.48	1	P	Iamb	03 43 53.4 +0.8
GNI	Garni	69.50	340	P	P	03 44 00.9 +1.8
XAN	Xi'an	70.18	34	P	P	03 44 02.7 -0.6
XAN					pmax	
XAN					pmax	
XAN					pmax	
GTA	Gaotai	70.66	24	U	P	03 44 06.6 +0.4
GTA					pP	03 44 09.9 +3.9
GTA					pP	03 44 23.9 -3.2
GTA					pmax	
ONI	Oni	72.12	340	P	Iamb	03 44 15.8 +0.9
ON1					Iamb	03 44 18.5
MKAR	Makanchi Array	73.07	9	P	P	03 44 19.8 -0.6
BRTR	Keskin Array B	73.24	332	P	P	03 44 21.4 -0.3
BRTR					LR	04 14 30.4
BRTR	Keskin Array B	73.24	332	P	P	03 44 21.9 +0.2
KBZ	Khabz	73.33	340	P	P	03 44 21.5 -0.4
KBZ					LR	04 14 55.9

KVAR	Kislovodsk Arr	73.59	340	LR	LR	04 15 07.7
AKTO	Aktjubinsk	76.50	352	LR	LR	04 16 14.5
TORD	Tordi Ar. Bea	76.53	292	P	P	

BGR 01 03:38:32.9,0.0,28.53S;156.09E,h10km
IDC 01 03:38:42.4,0.3,25.39S;154.33E,h0km,mB5.1/23,
mb1.5/129,mb1mx1.3/8,mbtmp:1/29,ML4.8/5,MS4.4/13,
mb1.4/4.13,mb1mx1.2/3,Error ellipse: s-maj=14.2km
s-min=12.0km az=62.0

AUST 01 03:38:43.0,1.0,25.37S;154.43E,h10km,Error ellipse:
s-maj=14.3km s-min=10.3km az=69.0
BUJ 01 03:38:42.6,0.0,25.04S;154.54E,h7km,mB5.5/66,
mb5.3/78,Ms5.0/65,Ms7.4/60

MOS 01 03:38:43.5,1.0,25.31S;154.23E,h14km,mB5.6/47,
MS4.6/11,Error ellipse: s-maj=8.0km s-min=5.7km
az=116.0

NOU 01 03:38:43.6,25.36S;154.32E,h0km,mB5.9/79,Near East
Coast of Australia

NEIC 01 03:38:44.6,1.8,25.34S;154.34E;0.07,h9km,1km,
mb5.7/119,Ms.20.4/9286,Mwb5.3/24,Mwv5.4,
Mwv5.4(GCMT), Error ellipse: s-maj=11.5km s-min=9.9km
az=204.0

NEIC 01 03:38:44.9,25.35S;154.31E,h9km,Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mr:14.70;
Mw:4.42; Mw:2.28; Mw:5.95; Mw:4.96; Mw:1.74; Fault
plane solution: Ms:8.0000;0.016;1.11;az=281.0000;
364.9800;1.61;1.7000; NP2:154.27000;337.45000;
1.135.93000; Principal axes: T 10.0843,Plg55.0000;
Az=150.0000; N -0.5893,Plg26.0000; Az=295.0000;
P -9.4950,Plg15.0000; Az=32.0000;
GCMT 01 03:38:46.0,1.0,25.22S;154.34E;0.01,h12km,
MW5.4/146,Moment Tensor Solution. s114,c194;
s146,c263; Duration: 1s2 Moment tensor: Scale 10^17
Nm; Mr:1.39e+02; Mw:0.51e+02; Mw:0.87e+02;
Mw:0.17e+04; Mw:0.96e+01; Mw:0.30e+04; Best double
couple: Mo:1.58000e+017; NP1:305.00000; 845.00000;
1.68.00000; NP2:155.00000; 849.00000; 1.10.00000;
Principal axes: T 1.4840,Plg75.0000; Az=132.0000;
N 0.1920,Plg15.0000; Az=221.0000; P -1.8760,
Plg2.0000; Az=231.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

NEIC 01 03:38:46.25,17S;154.36E,h12km,Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mr:1.43;
Mw:0.56; Mw:0.88; Mw:0.56; Mw:1.01; Mw:0.10; Fault
plane solution: Ms:1.70000e+017; NP1:305.00000;
855.00000; 1.71.00000; Principal axes: T 1.5882,Plg73.0000;
Az=165.0000; N 0.2113,Plg15.0000; Az=316.0000; P
-1.7935,Plg8.0000; Az=44.0000;
NEIC 01 03:38:46.25,27S;154.28E,h12km,Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mr:1.57;
Mw:0.68; Mw:0.90; Mw:0.42; Mw:1.09; Mw:0.46; Fault
plane solution: Ms:1.85000e+017; NP1:305.00000;
850.00000; 1.60.00000; NP2:158.00000; 850.00000;
1.19.00000; Principal axes: T 1.8212,Plg68.0000;
Az=136.0000; N 0.0594,Plg2.0000; Az=319.0000; P
-1.8806,Plg1.0000; Az=228.0000;

ISC 01 03:38:45.6,0.4,25.44S;154.28E;0.03,h20km,2km,
h20km;P-P.n816,+1970.69S,mb5.6/156,MS4.8/183,
60C-84D,Fault plane solution: NP1:306.00000;
829.21475; Principal axes: T 1.62.24481; 365.69939;
1.106.73538; N 0.1213,Plg15.0000; Az=165.93939;
Az=101.3468; N 0.1213,Plg15.0000; Az=335.1909; P
Plg19.0364; Az=239.8163; Near east coast of
Australia

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

Main table with columns: PMG, Port Moresby, 17.33 336, P, P, 03 42 47.1 -0.6. Lists seismic events with station names, magnitudes, and times.

Table with columns: KNTN, Davao City (W), 42.70 315, P, P, 03 46 41.3 -0.1. Lists seismic events with station names, magnitudes, and times.

TECO TECO comp=Z,91nm,0.1s eS IAML Sn 04 53 14.6 +0.7 04 53 17.6

MEX 01 05:03:39.8-0.6, 16.95N-94.70W, h118km, 11km, MD4.6
IDC 01 05:03:42.0-3.9, 17.66N-93.80W, h154km, 4.1km, mb3.4/6,
mb1 3.7/8, mb1mx3.4/43, mbtmp3.9/8, Error ellipse:
s-maj=78.6km s-min=15.9km az=53.0

Code Station Name Az AZZ Phase ID Time Res h m s ISC
TGIG 1.50 102 i P Sn 05 04 06.2 +0.6
TGIG 1.50 102 i P Sn 05 04 26.6 -0.2
HUIG Huatulo 1.92 227 i P Sn 05 04 07.9 -0.9

IDC 01 05:08:28.3-1.9, 25.58S-154.52E, h0km, mb1 3.7/4,
mb1mx3.6/18, mbtmp3.6/4, ML3.4/4, Error ellipse:
s-maj=89.0km s-min=30.4km az=172.0

Code Station Name Az AZZ Phase ID Time Res h m s ISC
EIDS Eidsvold 2.57 276 P Sn 05 09 16.5 -1.4
EIDS 2.57 276 S Sn 05 09 50.4 +1.2
RMQ Roma 4.70 259 P Pn 05 09 47.5 +0.3

TUL 01 05:11:46.8-0.5, 36.29N-101.9752W, 0.02, h7km, 9km,
ML2.6, mb, Lg2.32(NEIC), Error ellipse: s-maj=2.7km
s-min=1.3km az=60.0

Code Station Name Az AZZ Phase ID Time Res h m s ISC
CROK Carrier 0.43 301 Op Pn 05 11 55.2 +0.4
CROK 0.43 301 Sg Pn 05 12 01.4 +0.9
OK029 Liberty Lake 0.49 173 Sg Pn 05 11 56.4 +0.9

IDC 01 05:18:43.4-2.3, 6.83S-129.42E, h0km, mb3.6/1,
mb1 3.5/3, mb1mx3.4/21, mbtmp3.3/3, ML3.5/2, Error
ellipse: s-maj=144.2km s-min=32.5km az=68.0, Banda
Sea

Code Station Name Az AZZ Phase ID Time Res h m s ISC
WRA Warramunga Arr 13.88 160 Pn Pn 05 22 01.5 -0.1
WRA 0.3nm, 0.3s, baz=343, slow=13, SNR=24
ASAR Alice Springs 17.29 166 P Pn 05 22 42.9 -1.4

ISK 01 05:27:06.7, 34.57N-27.25E, h88km, ML2.8/15
HLW 01 05:27:10.8, 34.03N-27.38E, h10km, 23km, MD3.5
DDA 01 05:27:10.8, 34.81N-27.48E, h6km, 4km, ML2.3

Code Station Name Az AZZ Phase ID Time Res h m s ISC
ZKR Zakros 1.01 307 PG Pn 05 27 26.8 +0.1
ZKR 1.01 307 SG Pn 05 27 42.2 +0.1
KARP Karpathos 1.08 356 PG Pn 05 27 27.2 +0.3

IDC 01 05:44:01.0-2.3, 4.03S-151.94E, h0km, mb3.6/3,
mb1 3.9/3, mb1mx3.5/35, mbtmp3.6/3, ML3.0/3, Mls1 3.1/3,
s-maj=28.9km az=126.0, Near Britain region

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PMG Port Moresby 7.15 221 LR LR 05 48 41.1
WNR Honiara 9.59 124 LR LR 05 50 06.3
HRR Warramunga Arr 23.34 326 P Pn 05 49 11.3 +0.2

DDA 01 05:33:09.6, 34.94N-27.55E, h8km, 3km, ML2.4
ISC 01 05:33:09.9-1.0, 34.43N-27.27E, 0.05, h29km, n32,
c1574/40, Eastern Mediterranean Sea

Code Station Name Az AZZ Phase ID Time Res h m s ISC
ZKR Zakros 1.10 309 PG Pn 05 33 25.8 +0.6
KARP Karpathos 1.12 356 PG Pn 05 33 26.7 +1.0
ARG Arkhangelos 1.92 21 PN Pn 05 33 37.7 +1.1

JMA 01 05:42:08.5-0.3, 45.79N-142.40E, h4km, M2.5
SKHL 01 05:42:09.3-0.7, 45.80N-142.50E, h9km, 3km, mb3.9/2
ISC 01 05:42:10.4-1.0, 45.56N-142.37E, 0.07, h10km, n5,
c1840/12, Hokkaido region

Code Station Name Az AZZ Phase ID Time Res h m s ISC
JWK Keiikou 0.41 233 P Pn 05 42 20.2 +0.4
JSE Soyoes 0.62 166 P Pn 05 42 24.6 -0.7
JSE 0.62 166 P Pn 05 42 36.3 +1.0

IDC 01 05:44:01.0-2.3, 4.03S-151.94E, h0km, mb3.6/3,
mb1 3.9/3, mb1mx3.5/35, mbtmp3.6/3, ML3.0/3, Mls1 3.1/3,
s-maj=28.9km az=126.0, Near Britain region

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PMG Port Moresby 7.15 221 LR LR 05 48 41.1
WNR Honiara 9.59 124 LR LR 05 50 06.3
HRR Warramunga Arr 23.34 326 P Pn 05 49 11.3 +0.2

MEX 01 05:50:42.1-0.8, 17.83N-101.36W, h20km, MD3.1, Near
coast of Guerrero

Code Station Name Az AZZ Phase ID Time Res h m s ISC
ZIG Zihuatanejo 0.25 204 Op Pn 05 50 46.4 +1.6
ZIG 0.25 204 S Pn 05 50 51.5 -0.4
ZIG Zihuatanejo 0.25 204 i P Pn 05 50 46.4 -1.5

Table with columns: Wnt, Minjian, baz, 1.36 230 eP, Pn, 07 36 25.9 +0.2, etc. Lists various seismic events with their respective magnitudes and locations.

Table with columns: JOW, KAN08, KSRS, GUMO, SONMI, WMQ, WMQ, MKAR, WRA, ASAR, FINES. Lists seismic events with magnitudes and locations.

RSRPR 01 07:41:43.0, 19:07N-68:87W, h150km, 3km, MD3.5/5
OSPL 01 07:41:44.6, 1.5, 18:75N-69:28W, h107km, 17km, ML3.1
ISC 01 07:41:43.3, 1.4, 18:8N-02:69:22W, 0.04, h100km, n18,

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic events with station names and magnitudes.

FUNJV 01 07:50:28.9, 10:73N-62:27W, h25km, MW3.8
TRN 01 07:50:28.2, 10:80N-62:34W, h81km, MD3.5
ISC 01 07:50:27.4, 1.3, 10:78N-02:62:34W, 0.04, h90km, 13km,

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic events with station names and magnitudes.

ISC 01 07:56:22.7, 8.6, 3:08S-138:58E, h0km, mb3.2/2,
mb1 3.5/3, mb1mx3/3, 2, mbtmp3/3, ML3.4/1, Error
ellipse: s-maj=362.6km s-min=32.9km az=85.0, lrian

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic events with station names and magnitudes.

TUL 01 08:42:14.9, 1.5, 35:75N-101:97W, h3km, 6km,
ML2.3, mb_Lg2, 4/6(NEIC), Error ellipse: s-maj=2.2km
s-min=1.5km az=51.0

NEIC 01 08:42:15.1, 1.6, 35:77N-102:07:38W, 0.03, h7km, 5km,
Error ellipse: s-maj=4.1km s-min=2.1km az=71.0,
Oklahoma

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic events with station names and magnitudes.

Table with columns: KS20, KAN10, KAN08, KS21, WMOK, KAN12, LOOK, X37A, X37A, Z35A, HHAR, W39A, MIAR, MIAR, KSU1, CBKS, U40A, WHTX, S39A, X40A, FCAR, R40A, P38A, 435B, LCAR, KSCC, KCMO, JCT, P40A, PBMO, T25A, T25A. Lists seismic events with station names and magnitudes.

ISC 01 08:43:04.2, 69.0, 23:77S-174:98W, h0km, mb3.6/3,
mb1 3.8/3, mb1mx3/5, 19, mbtmp3.6/3, Error ellipse:
s-maj=130.1km s-min=182.8km az=89.0, Tonga

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic events with station names and magnitudes.

BER 01 08:43:07.4, 0.5, 71:01N-7:09W, h0km, 286km, ML3.0,
ML2.5(DNK), Confirmed Earthquake
NAO 01 08:43:07.5, 5.3, 70:92N-6:97W, ML3.7
DNK 01 08:43:10.5, 1.0, 71:09N-8:04W, h15km, 91km, ML2.5
ISC 01 08:43:10.1, 3.7, 71:27N-0:06:781W, 0.10, h10km, n13,

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic events with station names and magnitudes.

ISC 01 08:51:30.7, 2.2, 17:06S-175:57W, h368km, 26km,
mb3.7/3, mb1 3.8/5, mb1mx3/1, 29, mbtmp4.4/5, Error
ellipse: s-maj=87.4km s-min=30.6km az=155.0, Tonga

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic events with station names and magnitudes.

AEIC 01 09:07:50.0, 7.66, 14N:0:04, 141:6W:0:1, h14km, 8km,
ML4.0, ML3.5(OTT), ML4.1/80(NEIC), Mwr3.83(NEIC),
Error ellipse: s-maj=7.5km s-min=4.5km az=225.0

ISC 01 09:07:51.6, 0.9, 66:32N-141:48W, h0km, mb3.5/4,
mb1 3.9/9, mb1mx3/6/47, mbtmp3.6/9, ML3.6/5, MS3.1/15,
Ms1 3.1/15, ms1mx2/8/49, Error ellipse: s-maj=15.3km
s-min=9.9km az=168.0
PGC 01 09:07:53.0, 0.1, 66:15N:141:42W, h1km, ML3.5/11, ML4.0,
250km northwest of Dawson, Yt North Alaska
NEIC 01 09:07:52.66, 0.8N:141:64W, h4km, Moment Tensor
Solution. Moment tensor: Scale 10^14Nm; Mr=-1.46;
Mw=2.86; Mw=4.32; Mo=0.84; Mw=3.66; Mo=0.00; Fault
plane solution: Ms5.35000x10^14 NP1:201.50000°,
378.33000°, lambda=8.17000°. NP2:293.16000°, 832.00000°

Table with columns: DOT, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Dot Lake, Harding Lake, College, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Maasin, Surigao, Roxas, etc.

Table with columns: LDUT, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Changbin, Chengkung, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Severo-Kuril's, Alaid, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Demre-Antalya, Antalya-Kumluç, etc.

Table with columns: LDUT, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Yuli, Hungye, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Karatay Array, Karatay Array, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like KORT, KORT, etc.

Table with columns: LDUT, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Taimai, ECL, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Karatay Array, Karatay Array, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like KORT, KORT, etc.

Table with columns: LDUT, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Taimai, ECL, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Karatay Array, Karatay Array, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like KORT, KORT, etc.

Table with columns: LDUT, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Taimai, ECL, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Karatay Array, Karatay Array, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like KORT, KORT, etc.

Table with columns: LDUT, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Taimai, ECL, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Karatay Array, Karatay Array, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like KORT, KORT, etc.

Table with columns: LDUT, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Taimai, ECL, etc.

IDC 01 09:44:53.0±1.9, 127.08N:126.27E, h0km, mb3.9/4, mb1 3.9/4, mb1mx3.5/3.4, mb1tmp3.9/4, Error ellipse: s-maj=189.1km s-min=28.9km az=69.0

JMA 01 10:44:29.8±0.2, 22.91N:122.53E, h39km, M2.6 TAP 01 10:44:30.9±2.2, 22.96N:122.34E, h11km, 1km, ML2.6, D ISC 01 10:44:26.8±1.3, 22.91N:122.53E, h0.03, h8km, 10km, n68, c130/116, Taiwan region

LDUT Ludao baz=250 1.01 257 eP Op ISC h m s ISC 10 44 47.4 +1.2

T35A	comp=Z,23nm,1.0s	I	Amb	I	Amb	11 41 44.0
L64A	Middleborough bazz=178	71.64	358	P	P	11 41 43.3 +0.8
BRYW	Bryant College	71.65	358	P	P	11 41 43.6 +1.0
BRYW	Bryant College			I	Amb	11 41 49.5
BLOK	Blackwell	71.74	336	P	P	11 41 44.0 +0.8
BLOK	Blackwell			I	Amb	11 41 44.7
CROK	Carrier	71.79	335	P	P	11 41 43.8 +0.3
CROK	Carrier			I	Amb	11 41 49.6
M55A	Ridgway	71.79	352	P	P	11 41 43.7 +0.2
M55A	Ridgway			I	Amb	11 41 44.7
AMTX	Amarillo	71.80	332	P	P	11 41 44.1 +0.3
AMTX	Amarillo			I	Amb	11 41 50.1
AMTX	Amarillo	71.80	332	P	P	11 41 44.0 +0.3
M54A	Oil Creek Stat	71.94	351	P	P	11 41 44.8 +0.4
M54A	Oil Creek Stat			I	Amb	11 41 45.5
M54A	Oil Creek Stat	71.94	351	P	P	11 41 44.4 0.0
M54A	Oil Creek Stat			I	Amb	11 41 44.8 0.0
M53A	WI Miller and	72.02	350	P	P	11 41 44.8 0.0
L58A	Harry Jones Me	72.05	354	P	P	11 41 45.9 +0.9
L58A	Harry Jones Me			I	Amb	11 41 45.9 +0.9
U32A	Winter Ranch,	72.05	334	P	P	11 41 44.7 -0.4
U32A	Winter Ranch,			I	Amb	11 41 51.5
P43A	Skaggs, Pawnee	72.05	343	P	P	11 41 44.8 -0.3
KAN13	South Haven SW	72.06	336	P	P	11 41 45.7 +0.5
N49A	Columbus Grove	72.10	347	P	P	11 41 45.1 -0.2
L59A	Walton	72.12	355	P	P	11 41 46.4 +0.9
L59A	Walton			I	Amb	11 41 52.5
OK032	Salt Plains WL	72.14	335	P	P	11 41 46.4 +0.7
OK032	Salt Plains WL			I	Amb	11 41 46.9
SFIN	Lafayette	72.17	345	P	P	11 41 44.8 -0.9
SFIN	Lafayette			I	Amb	11 41 47.4
KAN17	Caldwell West	72.19	336	P	P	11 41 46.5 +0.5
KAN17	Caldwell West			I	Amb	11 41 47.4
BINY	Binghamton	72.21	354	P	P	11 41 46.4 +0.4
BINY	Binghamton			I	Amb	11 41 52.7
BINY	Binghamton	72.21	354	P	P	11 41 46.7 +0.7
BINY	Binghamton			I	Amb	11 41 47.5
KAN0	Caldwell North	72.22	336	P	P	11 41 46.7 +0.6
KAN09	Caldwell North			I	Amb	11 41 47.5
L61B	Northampton	72.23	357	P	P	11 41 46.9 +0.9
L61B	Northampton			I	Amb	11 41 46.9 +0.9
HRV	Adam Dzewonsk	72.24	358	P	P	11 41 46.5 +0.4
HRV	Adam Dzewonsk			pm	pm	
HRV	Adam Dzewonsk	72.24	358	P	P	11 41 46.5 +0.4
HRV	Adam Dzewonsk			I	Amb	11 41 53.0
HRV	Adam Dzewonsk	72.24	358	P	P	11 41 47.2 +1.2
HRV	Adam Dzewonsk			I	Amb	11 41 47.2 +1.2
KS20	Mayfield South	72.28	336	P	P	11 41 47.0 +0.5
KS20	Mayfield South			I	Amb	11 41 52.9
L56A	Greenwood	72.31	353	P	P	11 41 47.1 +0.5
L56A	Greenwood			I	Amb	11 41 53.7
N47A	Urbana	72.36	346	P	P	11 41 45.8 -1.0
M50A	Fremont	72.36	348	P	P	11 41 46.9 +0.1
M50A	Fremont			I	Amb	11 41 47.5
KAN10	Anthony SW Sta	72.38	335	P	P	11 41 47.2 +0.1
KAN10	Anthony SW Sta			I	Amb	11 41 53.5
319A	Douglas	72.38	324	P	P	11 41 48.6 +1.2
319A	Douglas			I	Amb	11 41 49.9
KAN08	Anthony NE Sta	72.42	336	P	P	11 41 48.0 +0.6
K61A	Williamstown	72.48	356	P	P	11 41 48.8 +1.3
K61A	Williamstown			I	Amb	11 41 48.8 +1.3
TRY	Troy	72.57	356	P	P	11 41 49.1 +1.1
TRY	Troy			I	Amb	11 41 55.2
121A	Cookes Peak, D	72.57	326	P	P	11 41 49.5 +1.0
121A	Cookes Peak, D			I	Amb	11 41 56.2
121A	Cookes Peak, D	72.57	326	P	P	11 41 50.2 +1.7
121A	Cookes Peak, D			I	Amb	11 41 50.2 +1.7
P40A	Paris	72.63	341	P	P	11 41 48.5 0.0
K56A	Middlesex	72.64	353	P	P	11 41 50.0 +0.3
K56A	Middlesex			I	Amb	11 41 50.2
HDIL	Hopeedale	72.86	343	P	P	11 41 49.5 -0.4
HDIL	Hopeedale			I	Amb	11 41 50.2
HDIL	Hopeedale	72.86	343	P	P	11 41 49.5 -0.3
HDIL	Hopeedale			I	Amb	11 41 49.5 -0.3
MMNY	Mt. Morris Dam	72.93	353	P	P	11 41 50.7 +0.4
MMNY	Mt. Morris Dam			I	Amb	11 41 59.2
J62A	Henniker	72.97	357	P	P	11 41 51.9 +1.5
J62A	Henniker			I	Amb	11 41 51.9 +1.5
J60A	Lant Hill Farm	73.06	356	P	P	11 41 51.6 +0.6
J60A	Lant Hill Farm			I	Amb	11 41 51.6 +0.6
J61A	Chester	73.12	357	P	P	11 41 52.6 +1.3
J61A	Chester			I	Amb	11 41 52.6 +1.3
L48A	N Adams	73.13	348	P	P	11 41 51.0 -0.4
P38A	Dawn	73.14	340	P	P	11 41 51.5 -0.1
P38A	Dawn			I	Amb	11 41 52.4
ACCN	Adirondack Co	73.22	356	P	P	11 41 52.4 +0.5
ACCN	Adirondack Co			I	Amb	11 41 52.4 +0.5
BNM	Barre Site	73.35	328	P	P	11 41 53.4 +0.6
J59A	Piesco	73.35	355	P	P	11 41 54.4
J59A	Piesco			I	Amb	11 41 54.4
M44A	Midewin, Midew	73.35	345	P	P	11 41 52.4 -0.3
M44A	Midewin, Midew			I	Amb	11 41 53.0
N41A	Harden Midland	73.40	342	P	P	11 41 52.8 -0.2
J57A	Williamstown	73.42	354	P	P	11 41 53.7 +0.6
J57A	Williamstown			I	Amb	11 41 54.3
HNH	Hanover	73.46	357	P	P	11 41 54.2 +0.9
HNH	Hanover			I	Amb	11 41 55.6
LENM	Lemitar	73.52	327	P	P	11 41 55.8 +1.6
L46A	Eve Claire	73.57	346	P	P	11 41 53.5 -0.9
L46A	Eve Claire			I	Amb	11 41 54.0
I62A	Tamworth	73.60	358	P	P	11 41 55.6 +1.5
I62A	Tamworth			I	Amb	11 41 55.2 +1.1
I64A	Boothbay	73.60	359	P	P	11 41 55.4 +1.3
I64A	Boothbay			I	Amb	11 41 55.4 +1.3
I58A	Old Forge	73.61	355	P	P	11 41 54.5 +0.3
I58A	Old Forge			I	Amb	11 41 54.5 +0.3
K50A	Casco	73.62	349	P	P	11 41 54.1 -0.2
K50A	Casco			I	Amb	11 42 00.3
KSU1	Kansas State U	73.64	337	P	P	11 41 54.3 -0.2
KSU1	Kansas State U			I	Amb	11 42 00.3
KSU1	Kansas State U	73.64	337	P	P	11 41 54.5 0.0
KSU1	Kansas State U			I	Amb	11 41 54.5 0.0
I59A	Olmsteadville	73.64	356	P	P	11 41 54.4 0.0
I59A	Olmsteadville			I	Amb	11 41 54.4 0.0
I60A	Shoreham	73.65	356	P	P	11 41 55.2 +0.8
I60A	Shoreham			I	Amb	11 41 55.2 +0.8
I61A	Oroboro, Fairl	73.69	357	P	P	11 41 55.9 +1.3
I61A	Oroboro, Fairl			I	Amb	11 41 55.9 +1.3
I63A	Otisfield	73.75	358	P	P	11 41 56.1 +1.1
I63A	Otisfield			I	Amb	11 41 57.5
I63A	Otisfield	73.75	358	P	P	11 41 56.4 +1.4
I63A	Otisfield			I	Amb	11 41 56.4 +1.4
R32A	Long Quarter,	73.75	336	P	P	11 41 55.9 +0.7
R32A	Long Quarter,			I	Amb	11 41 56.8
TUC	Tucson	73.90	324	P	P	11 41 57.5 +1.2
TUC	Tucson			pm	pm	
TUC	Tucson	73.90	324	P	P	11 41 57.5 +1.2
TUC	Tucson			pm	pm	
TUC	Tucson	73.90	324	P	P	11 41 57.5 +1.2
TUC	Tucson			I	Amb	11 41 57.5 +1.2
I57A	Carthage	73.91	355	P	P	11 41 56.1 +0.2

ANMO	Albuquerque	73.93	328eP	P	P	11 41 57.7 +1.1
ANMO	Albuquerque			pm	pm	
ANMO	Albuquerque	73.93	328	P	P	11 41 57.0 +0.5
ANMO	Albuquerque			I	Amb	11 41 57.6 +1.0
PP2T	Papeete2	73.97	259	eS	S	11 51 32.2 +2.4
PP2T	Papeete2			eLR	LR	12 04 35.6
PPT	Papeete	73.98	259	P	P	11 41 57.9 +0.8
PPT	Papeete			LR	LR	12 05 25.6
LBNN	Lisbon	73.98	357	P	P	11 41 57.5 +1.1
LBNN	Lisbon			pm	pm	
LBNN	Lisbon	73.98	357	P	P	11 41 57.5 +1.1
LBNN	Lisbon			I	Amb	11 41 57.5 +1.1
SUR	Sutherland	73.99	118	LR	LR	12 10 27.3
SUR	Sutherland			LR	LR	12 10 27.3
PECO	Prince Edward	74.03	354	P	P	11 41 57.6 +1.0
PECO	Prince Edward			I	Amb	11 41 57.8
L44A	Lake County Fo	74.07	345	P	P	11 41 57.0 0.0
L44A	Lake County Fo			I	Amb	11 41 56.8 -0.2
N38A	Joos South For	74.14	341	P	P	11 41 57.6 +0.2
N38A	Joos South For			I	Amb	11 41 58.1
WVL	Waterville	74.25	359	P	P	11 41 58.6 +0.7
H61A	Lyndonville	74.28	357	P	P	11 41 59.4 +1.2
H58A	Gabriels	74.28	356	P	P	11 41 58.6 +0.5
H58A	Gabriels			I	Amb	11 41 58.6 +0.5
H62A	Milan	74.29	358	P	P	11 41 59.3 +1.1
H62A	Milan			I	Amb	11 41 59.2 +0.9
L42A	Oliver, Polo	74.32	344	P	P	11 41 57.9 -0.5
L42A	Oliver, Polo			I	Amb	11 41 59.0
H63A	New Sharon	74.35	359	P	P	11 41 60.0 +1.5
H63A	New Sharon			I	Amb	11 41 60.0 +1.5
H65A	Eastbrook	74.37	0	P	P	11 41 59.7 +1.1
H65A	Eastbrook			I	Amb	11 41 59.7 +1.1
EMMW	East Machias	74.38	1	P	P	11 41 59.4 +0.7
EMMW	East Machias			I	Amb	11 42 00.7
H57A	Richville	74.41	355	P	P	11 41 59.1 +0.2
H57A	Richville			I	Amb	11 41 59.1 +0.2
HAL	Halifax	74.44	4	P	P	11 41 59.9 +0.9
HAL	Halifax			pm	pm	
HAL	Halifax	74.44	4	P	P	11 41 59.9 +0.9
HAL	Halifax			I	Amb	11 42 01.0
J47A	Summer	74.46	348	P	P	11 41 58.7 -0.5
J47A	Summer			I	Amb	11 42 04.6
H66A	Whiting	74.46	1	P	P	11 42 00.3 +1.2
H66A	Whiting			I	Amb	11 42 00.3 +1.2
CBKS	Cedar Bluff	74.47	335	pm	pm	11 42 00.6 +1.1
CBKS	Cedar Bluff			pm	pm	
CBKS	Cedar Bluff	74.47	335	P	P	11 42 00.6 +1.1
CBKS	Cedar Bluff			I	Amb	11 42 01.2
CBKS	Cedar Bluff	74.47	335	P	P	11 42 00.4 +0.9
CBKS	Cedar Bluff			I	Amb	11 42 00.4 +0.9
H59A	Cadyville	74.47	356	P	P	11 41 59.9 +0.7
H59A	Cadyville			I	Amb	11 41 59.9 +0.7
LON9	Lake Ozonia	74.51	355	P	P	11 42 00.0 +0.6
LON9	Lake Ozonia			I	Amb	11 41 59.9 +0.5
FRNY	Flat Rock	74.66	356	P	P	11 42 00.1 -0.1
K43A	Burlington	74.67	345	P	P	11 42 00.1 -0.3
K43A	Burlington			I	Amb	11 42 01.1
214A	Organ Pipe Nat	74.69	322	P	P	11 42 02.2 +1.4
214A	Organ Pipe Nat			I	Amb	11 42 03.5
214A	Organ Pipe Nat	74.69	322	P	P	11 42 02.7 +1.9
214A	Organ Pipe Nat			I	Amb	11 42 03.5
L40A	Anamosa	74.77	343	P	P	11 42 00.8 -0.2
G63A	Kingsbury	74.79	359	P	P	11 42 02.0 +0.9
G63A	Kingsbury			I	Amb	11 42 02.0 +0.9
GGN	Saint George	74.80	1	P	P	11 42 01.6 +0.5
GGN	Saint George			I	Amb	11 42 03.2
T25A	Trinidad	74.87	331	P	P	11 42 02.7 +0.7

SRU	San Rafael Swe	79.20 328	P	P	11 42 26.0 -0.3
SUSD	Miller	79.20 338	P	P	11 42 26.2 +0.2
SUSD			I	Amb	11 42 26.9
comp=Z,52nm,0.8s					
SZCU	Shurtz Canyon	79.22 325	P	P	11 42 27.2 +0.7
MWC	Mount Wilson	79.27 320	P	P	11 42 27.5 +0.7
MWC			P	P	11 42 27.5 +0.7
CCUT	Cedar City	79.32 325	P	I	11 42 28.2 +1.1
CCUT			I	Amb	11 42 30.0
comp=Z,20nm,0.8s					
SHPR	Sheep Range	79.42 323	P	P	11 42 28.3 +0.7
MSU	Marysville	79.50 326	P	P	11 42 28.7 +0.7
MSU			P	P	11 42 28.7 +0.7
MVU	Marysville	79.51 326	P	I	11 42 29.0 +0.9
MVU			I	Amb	11 42 30.5
comp=Z,45nm,0.9s					
SHOC	Shoshone, Teco	79.55 322	P	P	11 42 29.3 +1.2
P17A	Butcher Ranch,	79.59 328	P	P	11 42 28.8 +0.4
F33A	5 Mile Ranch,	79.65 341	P	P	11 42 27.9 -0.4
TMUT	Trail Mountain	79.67 328	P	P	11 42 29.4 +0.4
TCRU	Three Creeks R	79.70 326	P	P	11 42 30.1 +0.9
EDWZ	Edwards Air Fo	79.72 320	P	P	11 42 29.7 +0.6
EDWZ			P	P	11 42 29.7 +0.6
comp=Z,10nm,0.9s					
CHGO	Chibougamaun	79.76 356	P	P	11 42 28.9 0.0
MATO	Matagami	79.86 354	P	P	11 42 28.9 -0.5
RAWY	Rawlins	79.86 332	P	I	11 42 31.0 +1.1
RAWY			I	Amb	11 42 32.1
comp=Z,58nm,0.9s					
TORD	Torodi Ar. Bea	79.90 68	P	P	11 42 30.9 +0.5
TORD			P	P	11 42 30.9 +0.5
comp=Z,37nm,0.7s,baz=261,slow=4.9,SNR=205					
TORD	Torodi Ar. Bea	79.90 68	P	P	11 42 30.9 +0.5
TORD			I	Amb	11 42 31.9
comp=Z,40nm,0.8s					
RDMU	Red Mountain	79.95 329	P	P	11 42 31.3 +0.9
RDMU			I	Amb	11 42 32.3
comp=Z,37nm,1.0s					
LRMC	Laurel Mtn Rad	79.99 321	P	P	11 42 32.1 +1.4
PRN	Pahroc Range	80.06 324	P	P	11 42 32.6 +1.6
FURC	Furnace Creek,	80.29 322	P	P	11 42 33.4 +1.4
TPNV	Topopah Spring	80.33 323	P	P	11 42 33.0 +0.6
TPNV			P	P	11 42 33.0 +0.6
TPNV	Topopah Spring	80.33 323	P	P	11 42 33.0 +0.6
TPNV			P	P	11 42 33.9 +1.5
comp=Z,19nm,0.8s					
PSUT	Pine Spring	80.35 345	P	P	11 42 33.5 +1.0
EYMN	Ely	80.35 324	I	Amb	11 42 31.7 -0.4
EYMN			I	Amb	11 42 32.8
comp=Z,24nm,0.8s					
EYMN	Ely	80.35 344	P	P	11 42 31.6 -0.5
K22A	Casper	80.39 332	P	P	11 42 33.3 +0.6
K22A			I	Amb	11 42 34.9
comp=Z,50nm,1.1s					
K22A	Casper	80.39 332	P	P	11 42 34.0 +1.4
MPU	Maple Canyon	80.44 328	P	P	11 42 33.6 +0.6
ISA	Isabella, Lake	80.56 321	P	P	11 42 34.8 +1.2
ISA			P	P	11 42 34.8 +1.2
comp=Z,10nm,1.0s					
ISA	Isabella, Lake	80.56 321	P	P	11 42 34.8 +1.2
ISA			P	P	11 42 34.9 +1.3
NLU	North Lily Min	80.59 327	P	P	11 42 34.9 +1.0
RSSD	Black Hills	80.68 335	P	P	11 42 34.8 +0.6
RSSD			P	P	11 42 34.8 +0.6
comp=Z,23nm,0.8s					
RSSD	Black Hills	80.68 335	P	I	11 42 34.8 +0.6
RSSD			I	Amb	11 42 35.8
comp=Z,23nm,0.8s					
RSSD	Black Hills	80.68 335	P	P	11 42 35.0 +0.8
PKM	Mcperson Peak	80.74 319	P	P	11 42 36.2 +1.4
JLU	Jordanella	80.82 328	P	P	11 42 36.0 +0.9
CWC	Cottonwood Cre	80.92 321	P	P	11 42 36.7 +1.1
SPR3	Spring Creek 3	80.93 325	P	P	11 42 36.6 +0.8
GRAC	Grapevine Rang	80.95 322	P	P	11 42 36.9 +1.3
YES	Vestal, Richgr	81.03 320	P	P	11 42 37.2 +1.2
CTU	Camp Traco	81.03 328	P	P	11 42 36.8 +0.6
D32A	Dogwood Acres,	81.04 341	P	P	11 42 36.0 +0.2
R11A	Troy Canyon, C	81.05 324	P	P	11 42 37.1 +0.8
R11A			P	P	11 42 37.5 +1.2
LBTB	Lobatse	81.09 114	P	P	11 42 36.5 -0.4
LBTB			P	P	11 42 36.5 -0.4
comp=Z,24nm,0.8s					
LBTB	Lobatse	81.09 114	P	I	11 42 36.5 -0.4
LBTB			I	Amb	11 42 38.2
comp=Z,24nm,0.8s					
SMMC	Simmler	81.15 320	P	P	11 42 38.4 +1.7
B35A	Bob, Littlefor	81.28 343	P	P	11 42 36.9 -0.1
B35A			I	Amb	11 42 37.8
PAGB	Antelope Grade	81.60 320	P	P	11 42 40.5 +1.4
E28A	Huff	81.66 338	P	P	11 42 39.4 +0.2
HWUT	Hardware Ranch	81.68 329	P	P	11 42 40.0 +0.4
HWUT			I	Amb	11 42 41.1
comp=Z,22nm,0.9s					
TPH	Tonopah	81.69 323	P	P	11 42 39.8 +0.1
TPH			P	P	11 42 39.8 +0.1
comp=Z,69nm,1.0s					
BW06	Boulder Array	81.69 323	P	P	11 42 39.8 +0.1
BW06			P	P	11 42 40.1 +0.2
BW06	Boulder Array	81.73 331	P	P	11 42 40.2 +0.3
PD31	Pinedale Array	81.73 331	P	P	11 42 39.8 0.0
PDAR	Pinedale Array	81.73 331	P	P	11 42 40.0 +0.1
PDAR			P	P	11 42 40.0 +0.1
comp=Z,0.6nm,0.6s,baz=202,slow=1.0,SNR=7.8					
PDAR	Pinedale Array	81.73 331	P	P	11 42 39.8 0.0
AGMN	Agassiz Nation	81.78 342	I	Amb	11 42 39.8 +0.1
AGMN			I	Amb	11 42 40.6
comp=Z,35nm,0.8s					
AGMN	Agassiz Nation	81.78 342	P	P	11 42 39.7 +0.1
BGU	Big Grassy Mou	81.81 327	P	P	11 42 40.6 +0.4
SPUT	South Promont	81.84 328	P	P	11 42 40.6 +0.2
PMPB	Monarch Peak	82.26 320	P	P	11 42 43.3 +0.7
PMPB			I	Amb	11 42 45.3
comp=Z,27nm,1.3s					
MDPB	Devils Postpil	82.34 322	P	P	11 42 43.3 0.0
HVU	Hansel Valley	82.36 328	P	P	11 42 43.5 +0.4
HVU			P	P	11 42 43.5 +0.4
comp=Z,15nm,0.9s					
HVU	Hansel Valley	82.36 328	P	P	11 42 43.5 +0.4
AHID	Auburn Hatcher	82.40 330	I	Amb	11 42 43.9 +0.6
AHID			I	Amb	11 42 44.9
comp=Z,23nm,1.0s					
NV11	Mina Array Sit	82.44 323	P	P	11 42 43.6 0.0
MDND	Madcock	82.44 339	P	P	11 42 43.7 +0.5
MDND			P	P	11 42 43.7 +0.5
comp=Z,15nm,0.8s					
NVAR	Mina Array Bea	82.52 323	P	P	11 42 44.9 +0.8
NVAR			P	P	11 42 44.9 +0.8
comp=Z,0.5nm,0.7s,baz=309,slow=2.0,SNR=4.5					
NVAR	Mina Array Bea	82.52 323	P	P	11 42 44.7 +0.7
ELK	Elko	82.72 326	P	P	11 42 45.5 +0.4
ELK			P	P	11 42 45.5 +0.4
comp=Z,12nm,0.9s					
ELK	Elko	82.72 326	P	P	11 42 45.5 +0.4
ECR	Eagle Creek	82.75 336	P	P	11 42 45.5 +0.4
REDW	Red Top Meadow	82.77 330	P	P	11 42 45.8 +0.5
REDW			I	Amb	11 43 00.9
comp=Z,20nm,1.1s					
RYN	Ryan	82.78 323	P	P	11 42 46.6 +1.2
SNOW	Snow King Moun	82.81 330	P	P	11 42 46.2 +0.6
LOHW	Long Hollow	82.87 331	P	P	11 42 46.3 +0.5
KVN	Kaiserville	82.87 323	P	P	11 42 46.6 +0.1
KVN			P	P	11 42 46.6 +0.1

KVN	Kaiserville	82.87 323	P	P	11 42 46.0 +0.1
TPAW	Teton Pass	82.92 330	P	I	11 42 45.7 -0.5
TPAW			I	Amb	11 42 51.7
comp=Z,20nm,0.9s					
SAO	San Andreas Ge	83.01 320	P	P	11 42 47.0 +0.6
SAO			P	P	11 42 47.0 +0.6
comp=Z,6.0nm,0.9s					
SAO	San Andreas Ge	83.01 320	P	P	11 42 47.0 +0.6
WOCW	Woods Creek	83.04 331	P	P	11 42 46.9 +0.3
WAKR	Walker	83.17 322	P	P	11 42 48.8 +1.3
IMW	Indian Meadow	83.24 331	P	P	11 42 48.3 +0.5
IMW			I	Amb	11 42 49.5
comp=Z,21nm,0.9s					
FLWY	Flagg Ranch	83.29 331	P	P	11 42 48.8 +0.9
FLWY			I	Amb	11 42 50.0
comp=Z,29nm,0.8s					
CMB	Columbia Colle	83.34 321	P	P	11 42 48.2 +0.1
CMB			P	P	11 42 48.2 +0.1
comp=Z,5.0nm,1.0s					
CMB	Columbia Colle	83.34 321	P	P	11 42 48.2 +0.1
YERR	Yerington	83.42 323	P	P	11 42 49.7 +1.0
YERR			I	Amb	11 42 50.9
comp=Z,14nm,0.9s					
BMN	Battle Mountai	83.46 325	P	P	11 42 49.4 +0.6
BMN			P	P	11 42 49.4 +0.6
comp=Z,5.0nm,0.9s					
BMN	Battle Mountai	83.46 325	P	P	11 42 49.4 +0.6
YPP	Pitstone Pia	83.48 331	P	P	11 42 49.1 +0.1
YMR	Yosemite Vill	83.49 331	P	P	11 42 49.7 +1.4
H17A	Grant Village	83.49 331	P	P	11 42 50.4 +1.3
H17A			P	P	11 42 50.4 +1.3
comp=Z,144,SNR=7.4					
RLMT	Red Lodge	83.54 332	P	P	11 42 49.8 +0.5
RLMT			I	Amb	11 42 50.8
comp=Z,25nm,0.8s					
RLMT	Red Lodge	83.54 332	P	P	11 42 50.0 +0.7
LKWY	Lake	83.55 331	P	P	11 42 49.9 +0.5
LKWY			P	P	11 42 49.9 +0.5
comp=Z,11nm,0.9s					
LKWY	Lake	83.55 331	P	P	11 42 49.9 +0.5
ULM	Lac du Bonnet	83.57 343	P	P	11 42 48.5 -0.4
ULM			P	P	11 42 48.5 -0.4
comp=Z,35nm,0.8s,baz=150,slow=4.7,SNR=34					
ULM	Lac du Bonnet	83.57 343	P	P	11 42 48.7 -0.2
ULM			P	P	11 42 48.7 -0.2
comp=Z,27nm,21.7s,baz=156,slow=36					
ULM	Lac du Bonnet	83.57 343	P	P	11 42 48.7 -0.2
ULM			P	P	11 42 48.7 -0.2
comp=Z,39nm,0.9s					
ULM	Lac du Bonnet	83.57 343	P	P	11 42 48.7 -0.2
YMP	Mirror Lake PI	83.59 331	P	P	11 42 50.3 +0.7
LAO	LASA Array	83.67 335	P	P	11 42 49.9 +0.2
LAO			I	Amb	11 42 51.0
comp=Z,34nm,0.8s					
LAO	LASA Array	83.67 335	P	P	11 42 50.2 +0.5
LAO			P	P	11 42 50.2 +0.5
comp=Z,148,SNR=7.4					
PNTR	Pine Nut	83.69 322	P	P	11 42 51.4 +1.2
PNTR			I	Amb	11 42 52.4
comp=Z,32nm,0.8s					
YNE	Yellowstone No	83.75 332	P	P	11 42 50.9 +0.5
YNE			I	Amb	11 42 59.4
comp=Z,34nm,0.9s					
YNR	Norris Junctio	83.79 331	P	P	11 42 50.5 -0.1
YCNR	Virginia City	83.86 322	P	P	11 42 51.5 +0.5
YMR	Yosemite River	83.87 331	P	P	11 42 52.2 +1.2
YHH	Holmes Hill	83.92 331	P	I	11 42 51.8 +0.5
YHH			I	Amb	11 42 53.4
comp=Z,31nm,0.9s					
RUBR	Rubicon Trail	83.95 322	P	I	11 42 52.7 +1.2
RUBR			I	Amb	11 42 56.7
comp=Z,29nm,0.9s					
CASY	Casey	84.00 180	P	P	11 42 51.5 +0.4
CASY			I	Amb	11 42 52.8
comp=Z,30nm,0.8s					
PAHR	Pah Rah Range	84.03 323	P	P	11 42 52.8 +1.0
PAHR			I	Amb	11 42 54.0
comp=Z,20nm,1.0s					
QLMT	Earthquake Lak	84.20 331	P	P	11 42 53.9 +1.3
GCMT	Greycliff	84.25 332	P	P	11 42 53.2 +0.4
AFDM	Forest Hills D	84.37 321	P	P	11 42 54.4 +0.3
HLID	Hailey	84.51 328	P	I	11 42 54.7 +0.5
HLID			I	Amb	11 42 56.3
comp=Z,18nm,0.9s					
HLID	Hailey	84.51 328	P	P	11 42 55.1 +1.0
SCHO	Schefferville	84.53 1	P	P	11 42 53.4 -0.4
SCHO			P	P	11 42 53.4 -0.4
comp=Z,15nm,1.0s,baz=140,slow=5.2,SNR=6.8					
SCHO	Schefferville	84.53 1	P	P	11 42 53.8 +0.1
SCHO			I	Amb	11 42 54.6
comp=Z,19nm,1.0s					
BCYI	Bear Canyon	84.64 329	P	P	11 42 55.6 +0.8
PLID	McKenzie Canyo	84.81 321	P	P	11 42 56.7 +1.0
BOZ	Bozeman (W)	84.90 331	P	P	11 42 56.4 +0.3
BOZ			P	P	11 42 56.4 +0.3
comp=Z,9.0nm,1.0s					
BOZ	Bozeman (W)	84.90			

Table of seismic events with columns for station name, time, magnitude, and quality. Includes stations like SOCI, MOSCOW, KLMM, and WARRAMUNGA.

Table of seismic events with columns for station name, time, magnitude, and quality. Includes stations like BOD, GRNR, JCJ, and WRA.

Table of seismic events with columns for station name, time, magnitude, and quality. Includes stations like UMPA, UTHA, CM13, and CM05.

NAO 01 11:42:40.4, 0.9, 5.69, 42N, 23.96E, ML3.2, IDC 01 11:42:41.3, 1.2, 6.9, 40N, 24.02E, h0km, mb1 3.2/2, mb1mx3.0/5.1, mbtmp3.1/2, ML2.7/2, Error ellipse: s-maj=10.7km s-min=5.5km az=140.0.

Table of seismic events with columns for station name, time, magnitude, and quality. Includes stations like SOEI, BATEI, BATI, and MMRI.

RSNC 01 11:36:47.6, 1.5, 5.28N, 73.76W, 1141km, 8km, ML2.2, 1C, Colombia

Table of seismic events with columns for station name, time, magnitude, and quality. Includes stations like CHIC, ROSC, RUSC, and NORC.

IDC 01 11:40:15.1, 3.7, 15.13N, 94.20E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.4/5.5, mbtmp3.7/4, ML4.1, 11.5M3.0/3, Ms1 3.1/3, ms1mx2.6/5.8, Error ellipse: s-maj=58.0km s-min=34.3km az=23.0.

JETT	Jettan, Norway	1.26 277	Pg	Pg	11 43 04.7 +0.1
JETT			Sg	Sg	11 43 20.7 -0.3
JETT			IAML		11 43 28.2
comp=Z,565nm,0.2s					
LANU	Lannavaara	1.57 208	P	Pb	11 43 09.3 +0.4
LANU			S	Sb	11 43 28.8 +0.4
LANU	Lannavaara	1.57 208	eP	Pb	11 43 09.2 +0.4
LANU			ePG	Pb	11 43 09.2 +0.4
LANU			eS	Sb	11 43 29.0 +0.7
LANU			eSG	Sb	11 43 29.0 +0.7
LANU	Lannavaara	1.57 208	eP	Pb	11 43 09.2 +0.4
LANU			eS	Sb	11 43 29.0 +0.7
TRO	Tromso	1.79 279	Pn	Pn	11 43 13.9 -0.6
TRO			Sn	Sg	11 43 36.6 -1.0
TRO	Tromso	1.79 279	iP	Pg	11 43 13.9 -0.6
TRO			eS	Sg	11 43 36.5 -1.2
TRO			IAML		11 43 39.5
comp=Z,168nm,0.2s					
TRO			IAML		11 43 39.5
comp=Z,168nm,0.2s					
TRO	Tromso	1.79 279	eP	Pg	11 43 13.8 -0.6
TRO			eS	Sg	11 43 36.7 -1.0
KOVU	Salmi	1.85 230	P	Pb	11 43 14.2 +0.7
KOVU			S	Sb	11 43 37.7 +1.4
KOVU	Salmi	1.85 230	eP	Pb	11 43 14.2 +0.7
KOVU			eS	Sb	11 43 37.7 +1.4
KUA	Kurravaara	2.00 223	P	Pb	11 43 16.2 +0.2
KUA			S	Sb	11 43 42.4 +1.8
KUA	Kurravaara	2.00 223	eP	Pb	11 43 16.2 +0.2
KUA			eS	Sb	11 43 42.4 +1.8
MASU	Masugnsbyn	2.12 201	P	Pb	11 43 18.0 -0.1
MASU			Pb	Pb	11 43 18.0 -0.1
MASU	Masugnsbyn	2.12 201	eP	Pb	11 43 18.0 -0.1
MASU	Kolari	2.21 180	eP	Pb	11 43 18.0 -0.1
MASU			eSG	Sb	11 43 48.0 +1.2
MASU			MSG		11 43 51.0
comp=Z,73nm,0.2s					
SGF	Sodankyl	2.21 154	eP	Pb	11 43 18.0 -1.7
SGF			ePG	Pb	11 43 18.0 -1.7
SGF			eS	Sb	11 43 47.2 +0.4
SGF			MSG		11 43 51.0
comp=Z,110nm,0.2s					
SGF	Sodankyl	2.21 154	eP	Pb	11 43 18.0 -1.7
SGF			eSG	Sb	11 43 47.2 +0.4
SGF			MSG		11 43 51.0
comp=Z,108nm,0.2s					
NIKU	Nikkaluokta	2.40 231	P	Pb	11 43 21.7 -1.2
NIKU			Pb	Pb	11 43 21.7 -1.2
NIKU	Nikkaluokta	2.40 231	eP	Pb	11 43 21.7 -1.2
PAJU	Pajala	2.45 188	P	Pb	11 43 21.5 -1.6
PAJU			Pb	Pb	11 43 53.8 +0.3
PAJU	Pajala	2.45 188	eP	Pb	11 43 21.5 +2.1
PAJU			eS	Sb	11 43 53.8 +0.3
PAJU	Pajala	2.45 188	eP	Pb	11 43 21.5 +2.1
PAJU			eS	Sb	11 43 53.8 +0.3
DUNU	Dundret	2.65 210	P	Pb	11 43 25.8 -1.4
DUNU			Pb	Pb	11 43 25.8 -1.4
DUNU	Dundret	2.65 210	eP	Pb	11 43 25.8 -1.4
VRF	Varrjo	2.67 127	ePG	Pb	11 43 24.2 +1.8
VRF			eSG	Sb	11 44 00.9 +1.0
VRF			MSG		11 44 03.8
comp=Z,88nm,0.1s					
VRF	Varrjo	2.67 127	eP	Pb	11 43 24.2 +1.8
VRF			eSG	Sb	11 44 00.9 +1.0
VRF			MSG		11 44 03.8
comp=Z,88nm,0.1s					
RNF	Rovaniemi	2.94 164	ePB	Pb	11 43 30.4 -1.8
RNF			ePB	Pb	11 43 30.4 -1.8
ERTU	Ertisaerv	2.98 194	P	Pn	11 43 28.9 +2.3
ERTU			Pn	Pn	11 43 28.8 +2.3
ERTU	Ertisaerv	2.98 194	eP	Pn	11 43 28.8 +2.3
ERTU			eP	Pn	11 43 28.8 +2.3
ERTU	Ertisaerv	2.98 194	eP	Pb	11 43 28.8 +2.3
ERTU	Tornio	3.38 178	eS	Sb	11 44 19.8 -0.4
ERTU			eS	Sb	11 44 25.4
comp=Z,22nm,0.1s					
TOF	Tornio	3.38 178	eS	Sb	11 44 19.8 -0.4
TOF			MSG		11 44 25.4
comp=Z,22nm,0.1s					
HARU	Harads	3.48 201	P	Pn	11 43 36.0 +2.6
HARU			Pn	Pn	11 43 36.0 +2.6
HARU	Harads	3.48 201	eP	Pn	11 43 36.4 +2.2
STEI	Steigen	3.53 249	Pn	Pn	11 44 17.5 +2.0
STEI			Lg	Lg	11 44 31.7
STEI	Steigen	3.53 249	iP	Pg	11 44 16.5 +2.2
STEI			eP	Pb	11 43 45.0 +2.9
STEI			eS	Sb	11 44 14.8 -0.6
STEI			eS	Sg	11 44 30.5 -3.0
STEI			IAML		11 44 38.6
comp=Z,39nm,0.4s					
STEI			IAML		11 44 38.6
comp=Z,39nm,0.4s					
STEI	Steigen	3.53 249	eP	Pn	11 43 36.3 +2.2
STEI			eS	Sb	11 44 17.4 +2.0
STEI			eS	Sb	11 43 39.2 +2.2
OLKFK	Oulanka, Finla	3.74 144	eP	Pn	11 44 33.8 +3.1
OLKFK			eS	Sb	11 44 33.8 +3.1
OLKFK			MSG		11 44 36.8
comp=Z,23nm,0.1s					
OLKFK	Oulanka, Finla	3.74 144	eP	Pn	11 43 39.2 +2.2
OLKFK			eS	Sb	11 44 33.8 +3.1
OLKFK			MSG		11 44 36.8
comp=Z,23nm,0.1s					
APA0	Apatity Array	3.79 115	Pn	Pn	11 43 38.5 +0.9
APA0			Sn	Sn	11 44 21.3 -0.5
APA0			Lg	Lg	11 44 33.1
comp=Z,318,slow=28					
APA0			Lg	Lg	11 44 33.1
comp=Z,318,slow=28					
APA0			Sg	Sb	11 44 33.1 +1.0
comp=Z,300,slow=28					
APA0	Apatity Array	3.79 115	Pn	Pn	11 43 38.5 +0.9
APA0			Sn	Sn	11 44 21.5 -0.3
APA0			Sg	Sb	11 44 33.1 +1.0
comp=Z,300,slow=28					
APA0	Apatity Array	3.79 115	P	Pn	11 43 38.6 +0.9
APA0			S	Sn	11 44 20.6 -1.2
FAUS	Fauske	3.82 241	iP	Pg	11 43 40.3 +2.2
FAUS			eS	Sb	11 44 21.5 -1.0
FAUS			e		11 44 25.6
FAUS			IAML		11 44 49.7
comp=Z,27nm,0.4s					
APA	Apatity	3.94 114	P	Pn	11 43 40.5 +0.7
APA			S	Sn	11 44 23.9 -1.7
LOF	Lofoten	4.01 256	Pn	Pn	11 43 42.2 +1.5
LOF			S	Sb	11 43 48.4 +1.1
LOF	Lofoten	4.01 256	eP	Pn	11 43 42.2 +1.5
LOF			eS	Sb	11 44 27.0 -0.3
LOF			IAML		11 44 46.3
comp=Z,26nm,0.4s					
MSF	Maasselka	4.03 149	eP	Pn	11 43 43.2 +2.1
MSF			eP	Pn	11 43 43.2 +2.1
SJUJ	Sjulsmark	4.05 194	P	Pn	11 43 43.0 +1.7
SJUJ			Pn	Pn	11 43 43.0 +1.7
SJUJ	Sjulsmark	4.05 194	eP	Pb	11 43 43.0 +1.7
KU6	Rieikki	4.10 144	eS	Sb	11 44 44.5 +3.6
KU6			MSG		11 44 48.6
comp=Z,23nm,0.2s					
LVZ	Lovozero	4.19 107	eP	Pn	11 43 44.4 +1.1
LVZ			eS	Sb	11 44 30.1 -1.7
LVZ			eSG	Sb	11 44 47.0 +3.3
LVZ			eS	Sb	11 43 44.0 +1.1
LVZ			eS	Sb	11 44 30.1 -1.7
OUL	Oulu	4.44 169	Pn	Pn	11 43 47.0 +3.3
OUL			Pn	Pn	11 43 48.3 +1.8
OUL			Lg	Lg	11 44 54.7
OUL	Oulu	4.44 169	Pn	Pn	11 43 48.3 +1.8
OUL			Sg	Sb	11 44 37.2 -0.5
OUL			Sg	Sb	11 44 37.2 -0.5
OUL			Sg	Sb	11 44 54.7 +4.1
LILU	Lilltraesk	4.47 203	P	Pn	11 43 48.5 +1.6
LILU			Pn	Pn	11 43 48.5 +1.6
LILU	Lilltraesk	4.47 203	eP	Pn	11 43 48.5 +1.6
NBB30	Finnes	4.55 242	eP	Pn	11 43 49.5 +1.4
NBB30			eS	Sb	11 44 38.7 -1.8
NBB30			IAML		11 45 09.2
comp=Z,18nm,0.6s					
NBB17	Glorfjord Bvr	4.58 240	eS	Sn	11 44 39.7 -1.6
NBB15	Halsa Church	4.74 240	eP	Pn	11 43 53.6 +2.8
NBB15			eS	Sn	11 44 43.5 -1.8
NBB15	Halsa Church	4.74 240	eS	Sn	11 44 49.4
NBB15			IAML		11 45 15.9
comp=Z,19nm,0.5s					
MOR8	Moi Rana	4.88 232	eP	Pn	11 43 52.2 -0.5
MOR8			eS	Sn	11 44 42.5 -6.2
MOR8			IAML		11 45 14.7
comp=Z,20nm,0.3s					

KONS	Konsvik	5.04 239	Pn	Pn	11 43 56.9 +2.1
KONS			Sn	Sn	11 44 56.3 +3.7
KONS	Konsvik	5.04 239	eP	Pn	11 43 56.7 +1.8
KONS			eS	Sn	11 44 49.8 -2.8
KONS			e		11 44 56.2
KONS			IAML		11 45 28.5
comp=Z,12nm,0.3s					
STOK	Stokkvaagen	5.18 238	eP	Pn	11 43 57.9 +1.1
STOK			eS	Sn	11 44 54.4 -1.6
STOK			IAML		11 45 34.9
comp=Z,2.3nm,0.8s					
BJO1	Bjornoya	5.32 345	eP	Pn	11 43 59.4 +0.7
BJO1			eS	Sb	11 44 56.7 -2.6
BJO1			IAML		11 45 14.1
comp=Z,22nm,0.7s					
NSS	Namsos	6.81 229	eP	Pn	11 44 19.1 0.0
NSS			eS	Sn	11 45 31.2 -4.9
NSS			IAML		11 45 42.1
comp=Z,9.7nm,0.6s					
HOPEN	Hopen	7.12 2	eP	Pn	11 44 22.8 -0.5
HOPEN			eS	Sb	11 45 37.9 -6.3
FIA0	FINESS Array S	8.08 173	Pn	Pn	11 44 38.3 +1.8
FIA0			Lg	Lg	11 46 41.6
comp=Z,3.4,slow=28					
FIA0			Lg	Lg	11 46 41.6
comp=Z,3.4,slow=28					
FIA0	FINESS Array S	8.08 173	Pn	Pn	11 44 38.3 +1.8
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0	FINESS Array B	8.08 173	Pn	Pn	11 44 38.3 +1.8
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0	FINESS Array B	8.08 173	Pn	Pn	11 44 38.3 +1.8
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0	FINESS Array B	8.08 173	Pn	Pn	11 44 38.3 +1.8
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0	FINESS Array B	8.08 173	Pn	Pn	11 44 38.3 +1.8
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0	FINESS Array B	8.08 173	Pn	Pn	11 44 38.3 +1.8
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0	FINESS Array B	8.08 173	Pn	Pn	11 44 38.3 +1.8
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0	FINESS Array B	8.08 173	Pn	Pn	11 44 38.3 +1.8
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0	FINESS Array B	8.08 173	Pn	Pn	11 44 38.3 +1.8
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0	FINESS Array B	8.08 173	Pn	Pn	11 44 38.3 +1.8
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0	FINESS Array B	8.08 173	Pn	Pn	11 44 38.3 +1.8
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0			Sg	Sb	11 46 41.6 +6.5
comp=Z,0.4nm,0.3s,slow=14					
FIA0					

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Makanchi Array, Kurchatov Arra, Karatay Array, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Main Array Be, Malin Array Si, Malin Array Be, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Dawson, Beaver Creek, Yellowknife Arr, etc.

SOME 01 12:14:56.1, 41.050N:69.58E, h10km
KRNET 01 12:14:57.8, 0.1, 41.010N:69.70E, h13km, mb3.0
ISC 01 12:14:58.0, 1.2, 41.020N:0.03, 69.74E, 0.04, h4km, 12km,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Tashtkent, Terek-Say, Karatay Array, etc.

DC 01 12:42:26.0, 0.7, 55.08N:164.32E, h0km, mb3.7/14, mb1.4/0/16, mb1mx3.7/46, mbtmp3.8/16, ML.3/3/2, Error ellipse: s-maj=28.4km s-min=13.8km az=151.0

KRSC 01 12:42:28.6, 1.3, 54.58N:164.30E, h46km, 25km, ML4.2
MOS 01 12:42:28.6, 0.7, 54.33N:164.39E, h40km, mb4.3/2, Error ellipse: s-maj=6.9km s-min=5.9km az=66.9

NEIC 01 12:42:29.6, 1.3, 54.39N:0.2, 164.4E:0.2, h29km, 4km, mb4.0/18, Error ellipse: s-maj=29.3km s-min=10.9km az=145.0

ISC 01 12:42:27.5, 3.3, 54.93N:0.04, 164.40E:0.05, h14km, 21km, n134, r150/178, mb4.0/2, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Bering, Krutoberegovo, Mys Kozlova, etc.

LIOB	baz=260	S	Sn	13 06 47.0 +0.1
SBCB	baz=260 Hsinchu	eP	Pn	13 06 31.6 +0.7
SBCB	baz=260	eS	Sn	13 06 46.8 -0.2
NSTT	baz=260 Nanjuang	P	Pn	13 06 31.4 +0.4
NSTT	baz=259	S	Sn	13 06 46.9 -0.3
TWT	baz=259 Tachien	P	Pn	13 06 32.4 +1.2
TWT	baz=228	S	Sn	13 06 48.0 +0.5
ETM	baz=228 Tongmen	eP	Pn	13 06 30.6 -0.5
ETM	baz=219	eS	Sn	13 06 45.7 -1.5
WHF	baz=219 Hehuan Shan	P	Pn	13 06 31.8 +0.3
WHF	baz=227	S	Sn	13 06 47.9 -0.1
HSN	baz=227 Hsinchu	eP	Pn	13 06 31.3 +0.3
HSN	baz=262	S	Sn	13 06 47.0 -0.2
TDCB	baz=229 Techi	eP	Pn	13 06 32.3 +1.0
TDCB	baz=229	eS	Sn	13 06 47.7 0.0
TEYL	baz=229 Yanliu Villag	eP	Pn	13 06 31.4 0.0
TEYL	baz=204	eS	Sn	13 06 47.5 -0.4
NJN	baz=204 Zhunan	eP	Pn	13 06 32.9 +0.8
NJN	baz=258	eS	Sn	13 06 49.4 +0.3
CHGB	baz=258 Renai	eP	Pn	13 06 33.3 +0.7
CHGB	baz=227	eS	Sn	13 06 49.4 -0.5
ESL	baz=227 Shilin	P	Pn	13 06 31.9 -0.8
ESL	baz=215	S	Sn	13 06 48.0 -2.3
WHP	baz=215 Taichung City	P	Pn	13 06 33.9 +1.0
WHP	baz=250	S	Sn	13 06 50.5 0.0
OWD	baz=250 Renai	eP	Pn	13 06 33.9 +0.6
OWD	baz=217	eS	Sn	13 06 50.7 -0.4
NMLH	baz=217 Miaoili	eP	Pn	13 06 33.8 +0.6
NMLH	baz=257	eS	Sn	13 06 51.3 +0.1
TEGC	baz=257 Jichi Village	eP	Pn	13 06 33.4 +0.1
TEGC	baz=205	eS	Sn	13 06 50.6 -0.6
NSY	baz=205 Sanyi	eP	Pn	13 06 34.9 +0.9
NSY	baz=251	S	Sn	13 06 52.7 +0.3
EGFH	baz=251 Guangfu	eP	Pn	13 06 33.5 -0.7
EGFH	baz=206	eS	Sn	13 06 51.5 -1.3
WPL	baz=206 Puli Township	eP	Pn	13 06 35.9 +1.5
WPL	baz=240	eS	Sn	13 06 54.4 +1.2
WCS	baz=240 Beigang Elemen	eP	Pn	13 06 35.6 +1.1
WCS	baz=243	S	Sn	13 06 53.8 +0.5
WDJ	baz=243 Dajia District	P	Pn	13 06 36.1 +0.8
WDJ	baz=244	S	Sn	13 06 55.5 +0.5
SMLT	baz=244 Sun Moon Lake	eP	Pn	13 06 37.0 +1.1
SMLT	baz=236	S	Sn	13 06 56.2 +0.3
TYC	baz=236 Yuchr	P	Pn	13 06 37.0 +1.0
TYC	baz=238	S	Sn	13 06 56.7 +0.7
TCU	baz=238 Taichung	eS	Sn	13 06 57.0 +0.9
HGSD	baz=238 Ruisui	eP	Pn	13 06 36.0 0.0
HGSD	baz=210	eS	Sn	13 06 56.0 -0.1
SSLB	baz=210 Suanglung	eP	Pn	13 06 37.4 +1.2
SSLB	baz=227	eS	Sn	13 06 57.3 +0.9
EHY	baz=227 Hungye	P	Pn	13 06 36.0 -0.4
EHY	baz=205	eS	Sn	13 06 55.4 -1.4
WWF	baz=205 Wufeng	eP	Pn	13 06 37.4 +1.0
WWF	baz=246	eS	Sn	13 06 57.5 +0.6
IRIF	baz=246 Iriomote-Funau	P	Pn	13 06 36.7 -0.2
IRIF	baz=245	S	Sn	13 06 57.0 -0.7
WNT1	baz=245 Nantou City	eP	Pn	13 06 38.7 +1.1
WNT1	baz=245	eS	Sn	13 06 59.4 +0.6
WCHH	baz=245 Zhanghua	eP	Pn	13 06 38.4 +0.8
WCHH	baz=251	S	Sn	13 06 59.4 +0.5
WNT	baz=251 Mingjian	P	Pn	13 06 38.6 +1.0
WNT	baz=244	eS	Sn	13 06 59.7 +0.6
WHYT	baz=244 Xinyi Township	P	Pn	13 06 39.3 +1.6
WHYT	baz=233	S	Sn	13 07 00.8 +1.6
WJS	baz=233 Zhushan	eP	Pn	13 06 38.8 +1.1
WJS	baz=242	eS	Sn	13 07 00.3 +1.1
YULB	baz=242 Yu-li	eP	Pn	13 06 37.1 -0.6
YULB	baz=204	eS	Sn	13 06 57.3 -2.0
ECBN	baz=204 Changbin	eP	Pn	13 06 37.9 0.0
ECBN	baz=190	eS	Sn	13 06 58.4 -1.0
EYUL	baz=190 Yuli	eP	Pn	13 06 39.0 +0.9
EYUL	baz=208	eS	Sn	13 07 00.1 +0.2
TWF1	baz=208 Yuli	eP	Pn	13 06 37.6 -0.6
TWF1	baz=208	eS	Sn	13 06 59.2 -0.8
HATJ	baz=208 Hateruma jima	P	Pn	13 06 39.4 +0.4
HATJ	baz=208	S	Sn	13 07 01.7 +0.3
ALS	baz=208 Alishan	eP	Pn	13 06 41.5 +1.5
ALS	baz=231	S	Sn	13 07 04.6 +1.4
FULB	baz=231 Fuli	P	Pn	13 06 40.5 +0.5
FULB	baz=211	S	Sn	13 07 03.0 -0.1
CHNS	baz=211 Tsauling	P	Pn	13 06 41.1 +1.1
CHNS	baz=226	S	Sn	13 07 04.3 +0.9
WGK	baz=226 Gukeng	eP	Pn	13 06 41.2 +1.0
WGK	baz=230	eS	Sn	13 07 05.2 +1.6
JKRS	baz=230 Kuro-shima	P	Pn	13 06 40.4 +0.4
JKRS	baz=230	S	Sn	13 07 03.4 -0.3
WDLH	baz=230 Douliu	eS	Sn	13 07 05.6 +1.7

baz=231 Guolierlin Hig	1.84 240	eP	Pn	13 06 41.2 +0.7
WRL	baz=241	eS	Sn	13 07 04.8 +0.8
CHKT	baz=241 Chengkung	P	Pn	13 06 40.2 -0.5
CHKT	baz=206	eS	Sn	13 07 02.2 -2.3
JJU	baz=206 Ishigaki jima	P	Pn	13 06 41.2 0.0
JJU	baz=206	S	Sn	13 07 04.0 -1.5
ECS	baz=209 Chishang	eP	Pn	13 06 41.9 +0.5
ECS	baz=209	eS	Sn	13 07 05.7 -0.2
ELDTW	baz=209 Lidau	eP	Pn	13 06 41.8 +0.2
ELDTW	baz=202	eS	Sn	13 07 05.6 -0.5
WTK	baz=202 Tuku	eP	Pn	13 06 42.9 +1.1
WTK	baz=233	eS	Sn	13 07 07.6 +1.1
CHN2	baz=233 Minshiang	eS	Sn	13 07 08.9 +1.7
EDH	baz=228 Donghe	eP	Pn	13 06 42.5 0.0
EDH	baz=205	eS	Sn	13 07 06.7 -0.9
JJSG	baz=205 Ishigakijimahi	P	Pn	13 06 43.0 +0.4
JJSG	baz=205	S	Sn	13 07 07.4 -0.5
CHY	baz=205 Chiayi	eP	Pn	13 06 44.0 +1.0
CHY	baz=228	eS	Sn	13 07 09.7 +1.2
TPUB	baz=228 Ta-pu	eP	Pn	13 06 43.9 +0.8
TPUB	baz=221	eS	Sn	13 07 09.3 +0.6
STYH	baz=221 Taoyuan	eP	Pn	13 06 44.5 +1.2
STYH	baz=206	eS	Sn	13 07 10.1 +1.1
STYT	baz=206 Tayuan	P	Pn	13 06 44.9 +1.3
STYT	baz=205	eS	Sn	13 07 10.7 +1.2
WTP	baz=205 Ta-pu	P	Pn	13 06 44.7 +0.9
WTP	baz=229	S	Sn	13 07 10.6 +0.7
WSF	baz=229 Szu	eP	Pn	13 06 45.5 +0.8
WSF	baz=236	S	Sn	13 07 10.2 +0.3
LONT	baz=236 Longtian	eS	Sn	13 07 09.7 -0.8
LONT	baz=195	eS	Sn	13 06 45.3 +0.7
TWK	baz=195 Hsiyang	P	Pn	13 06 45.3 +0.7
TWK	baz=222	S	Sn	13 07 12.0 +0.6
CHN1	baz=222 Nanshi	P	Pn	13 06 45.8 +0.7
CHN1	baz=229	S	Sn	13 07 12.6 +0.5
TWGBT	baz=229 Beinan	eP	Pn	13 06 44.6 -0.8
TWGBT	baz=196	eS	Sn	13 07 11.0 -1.8
TWG	baz=196 Pinlang	eP	Pn	13 06 44.8 -0.6
TWG	baz=196	S	Sn	13 07 11.0 -1.8
ICHU	baz=196 Yijhu	eP	Pn	13 06 46.3 +0.9
ICHU	baz=228	eS	Sn	13 07 13.6 +0.7
LDUT	baz=228 Ludao	eP	Pn	13 07 10.6 -2.4
LDUT	baz=187	eS	Sn	13 06 45.8 +0.2
SGST	baz=187 Jiashian	eP	Pn	13 06 45.8 +0.2
SGST	baz=227	S	Sn	13 07 13.6 +0.4
TTN	baz=227 Taitung	eS	Sn	13 07 13.8 +0.3
TTN	baz=199	eS	Sn	13 06 47.7 +1.7
SLGT	baz=199 Lugui	eP	Pn	13 07 16.4 +2.4
SLGT	baz=213	eS	Sn	13 07 14.2 0.0
CHN8	baz=213 Yiju	eS	Sn	13 07 14.2 0.0
MATB	baz=228 Ma-tsu	eP	Pn	13 06 46.3 -0.7
MATB	baz=304	eS	Sn	13 07 14.7 -1.1
JTJ	baz=304 Tarama	eP	Pn	13 06 48.0 +0.9
JTJ	baz=197	S	Sn	13 07 15.9 0.0
CHN3	baz=197 Shinhua	eP	Pn	13 07 19.0 +2.7
MSUT	baz=221 Lienchiang	eP	Pn	13 06 46.5 -0.8
MSUT	baz=304	eS	Sn	13 07 17.7 +0.5
SCLT	baz=225 Jiali	eP	Pn	13 06 48.0 +0.1
SCLT	baz=225	eS	Sn	13 07 15.3 -2.0
VWUC	baz=225 VWUC	eP	Pn	13 06 48.0 +0.1
VWUC	baz=276	eS	Sn	13 06 49.8 +1.2
ECL	baz=276 Taimali	eP	Pn	13 07 16.2 -2.3
ECL	baz=197	eS	Sn	13 06 50.2 +1.4
SSD	baz=197 Sandimen	eP	Pn	13 07 20.5 +1.7
SSD	baz=210	eS	Sn	13 07 20.2 +0.7
TSMG	baz=210 Majia	eS	Pn	13 06 51.0 +1.6
TSMG	baz=208	eP	Pn	13 06 51.4 +1.1
TWMT	baz=208 Shouhan	eP	Pn	13 07 22.7 +1.2
TWMT	baz=228	eS	Sn	13 06 50.7 -0.3
MASBT	baz=228 Mashibulo	eP	Pn	13 07 21.0 -1.8
MASBT	baz=207	eS	Sn	13 06 50.6 -0.5
PNG	baz=207 Penghu	eP	Pn	13 07 21.0 -1.8
PNG	baz=243	eS	Sn	13 06 51.0 +1.6
PHUB	baz=243 P'eng-hu	eP	Pn	13 06 51.4 +1.1
PHUB	baz=242	eS	Sn	13 07 21.1 -2.0
EAST	baz=242 Anshuo	eP	Pn	13 06 53.1 +1.5
EAST	baz=198	eS	Sn	13 07 22.8 -1.3
XPSS	baz=198 Dashigu	eP	Pn	13 06 50.7 -1.0
XPSS	baz=320	eS	Sn	13 07 22.8 -1.3
TAW	baz=197 Tawu	eP	Pn	13 06 51.9 +0.1
TAW	baz=308	eS	Sn	13 07 23.6 -0.9
LYJJ	baz=308 Jianjiangzhen	eP	Pn	13 06 53.2 +1.3
LYJJ	baz=276	eS	Sn	13 07 23.6 -0.9
PTMZ	baz=276 Houxiangcun	eP	Pn	13 06 53.2 +1.3
PTMZ	baz=207	eS	Sn	13 07 23.6 -0.9
SSPT	baz=207 Xinbi	eP	Pn	13 06 53.2 +1.1
SSPT	baz=207	eS	Sn	13 07 27.4 +2.6
SSPT	baz=207	eS	Sn	13 07 27.4 +2.6
WDGT	baz=207 Dunghj	eP	Pn	13 06 51.5 -0.6
WDGT	baz=306	eS	Sn	13 07 22.3 -2.5
JIRB	baz=306 Irabujima	eP	Pn	13 06 53.4 +0.9
JIRB	baz=217	eS	Sn	13 07 26.3 +0.7
SCZT	baz=217 Fangliu	eP	Pn	13 06 53.5 +0.5
SCZT	baz=217	eS	Sn	13 07 28.0 +1.5
LAY	baz=217 Lan-yu	eP	Pn	13 06 52.1 -1.3
LAY	baz=183	eS	Sn	13 07 23.5 -3.6
JJKM	baz=183 Ikemajima	eP	Pn	13 06 54.3 +0.9
JJKM	baz=289	eS	Sn	13 07 27.6 +0.3
JJM	baz=289 Miyako jima 2	eP	Pn	13 06 55.1 +1.1
JJM	baz=99	eS	Sn	13 07 28.6 +0.4

baz=99 Miyako jima3	2.92 91	P	Pn	13 06 55.6 +1.2
JMJ2	baz=238	S	Sn	13 07 30.0 +1.0
VCHM	baz=238 Gimei	eP	Pn	13 06 54.4 -0.4
VCHM	baz=238	eS	Sn	13 07 27.4 -2.2
JOGS	baz=238 Gusukube	P	Pn	13 06 56.8 +1.4
JOGS	baz=238	eS	Sn	13 07 32.0 +1.3
MHZQ	baz=238 Yeshan	eP	Pn	13 06 55.3 -0.9
MHZQ	baz=293	eS	Sn	13 07 32.7 +0.4
TWKB	baz=293 Hengchun	eP	Pn	13 07 34.4 +0.1
TWKB	baz=205	eS	Sn	13 07 35.0 +1.0
KNMB	baz=205 Chin-men Tao	eP	Pn	13 07 00.0 -0.9
AXDP	baz=205 Jialang	eP	Pn	13 07 06.4 +0.7
AXDP	baz=274	eS	Sn	13 07 47.6 -1.6
ZPLA	baz=274 Ao Xicun	eP	Pn	13 07 10.2 +0.3
ZPLA	baz=261	eS	Sn	13 07 54.0 -2.8
JOW	baz=261 Kungami	eP	Pn	13 07 34.5 0.0
JOW	baz=261	eS	Sn	13 07 34.5 0.0
UCR 01 13:09:18.5:1.9, 12.80N:87.40W, h35km, 999km, MW4.5				
INET 01 13:09:22.3, 11.26N:87.34W, h17km, MW4.1				
IDC 01 13:09:26.5:1.6, 11.63N:87.10W, h0km, mb3.6/4, mb1.4, 1/4, mb1mx3.7/43, mbtmp3.7/4, ML2.5/1, MS3.1/3, Ms1.1, 1/3, ms1mx2.7/36, Error ellipse: s-maj=64.3km				
s-min=18.3km 26=42.0				
ISC 01 13:09:27.3:0.9, 11.6N:01:87.2W:0.1, h10km, n22, s=191:20, mb3.5/4, Near coast of Nicaragua				
Code	Station Name	Δ° AZ°	Phase ID	Time Res
BUEV	Buena Vista	1.91 114	Op	ISC
BUEV	Buena Vista	1.91 114	eP	Pb
GB1A	Borinquen Arri	1.91 113	iP	Pb
GPSZ	Hotel Rincon d	1.98 114	eP	Pg
GPSZ	Hotel Rincon d	1.98 114	iS	Sb
SAJU	San Juanillo,	2.09 136	eP	Pg
GRZA	Playa Garza	2.25 137	eP	Pg
JTS	Las Juntas de	2.54 120	Pn	ISC
JTS	1.0nm, 0.3s, baz=258, slow=20, SNR=2.8		Pg	Pb
JTS	18nm, 0			

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like NNSB Datong, NNSH Datong, NNSH Chiao, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like WNT Mingling, WNT WNT, WNT1 Nantou City, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like YUK comp=N,1,um,0.7s, YUK comp=N,1,um,0.5s, etc.

ICD 01 13:25:56.2,0.9,44:87N;147:45E,h0km,mb3.5/6, mb1 3.8/9, mb1mx3.5/48, mbtmp3.5/9, ML3.3/3, MS2.8/2, Ms=1.2, ms1mx2.3/42, Error ellipse: s-maj=33.5km s-min=19.8km az=150.0

MOS 01 13:25:58.6,1.6,45:04N;147:27E,h43km,mb4.2/2, Error ellipse: s-maj=14.8km s-min=8.9km az=60.2

MOS Felt (II-III) at Kuril'sk SKHL 01 13:25:58.3,0.3,45:20N;147:40E,h56km,mb4.9/3 NIED 01 13:25:59.8,45:04N;147:07E,h32km,MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mv=5.78; Fault plane solution: Mv=1.5000x10^14 NP1: q=219.00000, s=80.00000, l=96.00000. NP2: q=7.00000, l=12.00000, s=1.50000

ISC 01 13:25:58.1,1.5,45:09N;0:05,147:22E,0:05,h14km,11km, n40,-1862/47,mb3.7/7,1D,Kuril'sk

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR comp=N,203nm,0.2s, etc.

ICD 01 13:30:25.0,3.5, 15:23S;71:01W,h168km,31km,mb3.3/3, mb1 3.4/4, mb1mx3.2/21, mbtmp3.7/4, Error ellipse: s-maj=156.6km s-min=30.7km az=23.0

ISC 01 13:30:20.4,1.3, 15:93S;0:08,71:5W,0:1,h150km,n9, r124/14,mb3.5/3,1D,Southern Peru

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like AP01 Chacalluta, AP01 La Paz, etc.

1d 14h

Table with columns: KBZ, Khabaz, 70.31 39 P, P, 14 30 43.6 +1.2, etc. Includes various station codes and numerical data.

ISK 01 14:22:39.4, 39.60N, 26.08E, h9km, ML2.5/17
DDA 01 14:22:39.7, 39.58N, 26.10E, h7km, 1km, ML2.2
ATH 01 14:22:40.2, 39.57N, 26.09E, h25km, 8km, ML2.5/3, Error
ellipse: s-maj=8.1km s-min=0.7km az=120.0

THE 01 14:22:40.1, 39.60N, 26.06E, h8km, 1km, ML2.3/8, Error
ellipse: s-maj=1.4km s-min=0.7km az=80.0

ISC 01 14:22:39.8-0.9, 39.59N, 0.02-26.08E, 0.02, h10km, 7km,
n48, r0950/73, Turkey

Main station list table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc. Lists numerous stations like KOCOA, BOZC, EZN, etc.

2015 AUG

BUJ 01 14:24:39.0, 0.0, 38.27N, 141.138E, h52km, mb4.8/38,
mb4.7/65, Ms3.7/13, Ms7.3/51/1
MOS 01 14:24:41.3, 0.9, 38.46N, 141.136E, h60km, mb4.9/24, Error
ellipse: s-maj=6.9km s-min=4.7km az=94.6

NEIC 01 14:24:42.1, 2.4, 38.33N, 0.06-142.05E, 0.09, h57km, 6km,
mb4.7/44, Error ellipse: s-maj=11.6km s-min=7.7km
az=122.0

JMA 01 14:24:43.7, 38.37N, 141.183E, h63km, 1km, M4.7,
JMA Fell III J1.

ISC 01 14:24:43.6, 0.6, 38.37N, 141.182E, h64km, 5km, mb4.2/22,
mb1.4/30, mb1mx3.4/7, mb1mx4.5/30, MS3.3/13

Ms1.3/13, ms1mx3.0/48, Error ellipse: s-maj=12.5km
s-min=10.9km az=114.0

NIED 01 14:24:43.7, 38.37N, 141.183E, h63km, MW4.5, Moment
Tensor Solution. s3 Moment tensor: Scale 10^15Nm;

Mn2.61; Mn2.04; M00=-4.65; Mn2.50; M00=-3.31; M01=-0.56;
Fault plane solution: Ms5.80000x10^15 NP1:phi=59.00000,
delta5.00000, lambda147.00000. NP2:phi=165.00000, delta6.00000,
lambda729.00000

BGR 01 14:24:45.3, 0.0, 38.62N, 140.73E, h33km, mb4.5, Ms4.0

ISC 01 14:24:42.2, 0.5, 38.37N, 0.04-141.97E, 0.04, h55km, 3km,
h55km, P-P, N407, r192/424, mb4.6/103, MS3.5/12,
41C-32D, Fault plane solution: NP1:phi=191.72714,
delta375.58802, lambda157.09657. NP2:phi=80.68648, delta5.59354,
lambda154.68292. Principal axes: T Plg48.6761,
Aznm66.1556; N Plg31.7444, Aznm200.8753; P
Plg23.5158, Aznm306.4928; Near east coast of
eastern Honshu

Main station list table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc. Lists numerous stations like IJSH, IJOU, IJMT, etc.

Main station list table with columns: USRK, Ussuriysk Ar., 9.51 311, P, Pn, 14 26 57.5 +1.1, etc. Lists numerous stations like USRK, KSTBA, KSTBA, etc.

HHC	comp=Z,130nm,15.0s	LR	LR						
HHC	comp=Z,110nm,13.2s	LR	LR						
TPUB	Ta-pu	23.61	237	P	P	14 29 45.3	-2.9		
TPUB	comp=Z,14nm,0.9s	I	Amb			14 29 51.5			
BTO	Baotou	24.69	285	eP	P	14 29 58.6	+0.5		
BTO	comp=Z,450nm,15.4s	S	LR			14 34 15.2	-0.9		
BTO	comp=Z,510nm,15.4s	LR	LR						
YAK	Yakutsk	24.88	346	P	P	14 29 58.4	-1.0		
YAK	comp=Z,4nm,0.3s,baz=172,slow=0.3,SNR=8.2	eP	P			14 29 58.0	-1.4		
YAK	Yakutsk	24.88	346	eP	P	14 30 30.4			
YAK				e	PPP	14 30 43.8			
YAK				eS	S	14 30 32.1			
YAK				eS	S	14 34 22.2	+3.9		
YAK				e	S	14 35 10.3	-0.1		
YAK				e		14 40 59.2			
YAK	comp=Z,19nm,1.3s				pmx	pmx			
YAK	comp=N,14nm,1.3s				pmx	pmx			
YAK	comp=E,5.0nm,1.5s				pmx	pmx			
YAK	comp=Z,114nm,3.5s				pmx	pmx			
YAK	comp=N,15nm,1.3s				pmx	pmx			
YAK	comp=E,33nm,3.1s				smx	smx			
YAK	comp=N,138nm,2.8s				smx	smx			
YAK	comp=E,52nm,1.9s				smx	smx			
YAK	Yakutsk	24.88	346	P	I	14 29 58.3	-1.0		
YAK	comp=Z,33nm,1.1s				I	14 30 01.6			
BOD	Bodaibo	26.66	326	eP	P	14 30 15.2	-0.4		
BOD	comp=Z,13nm,0.8s				pmx	pmx			
XAN	Xi'an	26.93	271	P	P	14 30 16.0	-2.4		
XAN				p	P	14 30 26.0	-6.1		
XAN				S	S	14 34 48.5	-3.0		
XAN	comp=Z,9.0nm,0.6s				pmx	pmx			
XAN	comp=Z,69nm,4.9s				pmx	pmx			
XAN	Xi'an	26.93	271	P	P	14 30 17.2	-1.2		
XAN	Xi'an	26.93	271	P	P	14 30 17.2	-1.2		
ULN	Ulaanbaatar	27.00	302	eP	P	14 30 18.8	-0.2		
ULN					pmx	pmx			
ULN	comp=Z,12nm,1.0s				I	14 30 18.4	-0.6		
ULN	Ulaanbaatar	27.00	302	P	I	14 30 20.2			
SOM	Songino Array	27.44	302	P	P	14 30 21.7	-1.2		
SOM	comp=Z,6.2nm,0.5s,baz=114,slow=11.4,SNR=36				LR	14 41 28.2			
SOM	comp=Z,43nm,21.1s,baz=72,slow=37				LR	14 41 28.2			
SOM	Songino Array	27.44	302	P	P	14 30 21.6	-1.2		
ENH	Enshi	14.30	25.3	P	P	15 00 25.3	-1.8		
H11N2	WAKE ISLAND Hy	28.48	124	T	T	15 00 56.2			
H11N1	WAKE ISLAND Hy	28.49	124	T	T	15 00 57.1			
H11N3	WAKE ISLAND Hy	28.50	124	T	T	15 00 57.5			
H11S1	WAKE ISLAND Hy	29.24	126	T	T	15 01 52.9			
H11S3	WAKE ISLAND Hy	29.24	126	T	T	15 01 48.4			
H11S2	WAKE ISLAND Hy	29.26	126	T	T	15 01 57.1			
ZAK	Zakamensk	29.82	306	eP	P	14 30 42.2	-1.7		
ZAK					pmx	pmx			
LZH	Lanzhou	30.30	278	eP	P	14 30 51.0	+2.5		
LZH				p	P	14 31 03.3	+0.9		
LZH				sP	S	14 31 10.7	+1.8		
LZH					pmx	pmx			
MOY	Monday	31.44	308	eP	P	14 30 58.1	-0.1		
GVA	Guiyang	31.90	259	P	P	14 31 02.3	-0.2		
GVA					pmx	pmx			
CD2	Chengdu	32.13	268	P	P	14 31 03.5	-1.0		
CD2	comp=Z,20nm,0.5s				pmx	pmx			
CD2	comp=Z,170nm,5.3s				pmx	pmx			
GTA	Gaotai	32.62	285	eP	P	14 31 07.7	-1.0		
GTA				p	P	14 31 20.1	-2.2		
GTA				sP	S	14 31 26.0	-3.2		
GTA					pmx	pmx			
GTA	comp=Z,3.0nm,0.8s				pmx	pmx			
GTA	comp=Z,31nm,4.2s				pmx	pmx			
GTA	comp=Z,49nm,16.0s				LR	LR			
GTA	comp=Z,64nm,18.5s				LR	LR			
GTA	comp=Z,130nm,17.1s				LR	LR			
BILL	Bilibino	32.63	17	i	P	14 31 07.8	-0.5		
BILL					pmx	pmx			
BILL	comp=Z,4.0nm,1.1s				pmx	pmx			
KMI	Kuning	35.62	260	P	P	14 31 34.9	0.0		
KMI					pmx	pmx			
NONG	Nongkhai	39.37	250	P	P	14 32 08.6	+2.2		
NONG	comp=Z,4umcomp=Z,14nm,0.7s				LR	LR			
DGZ	Jazzator, Alta	39.99	305	dP	P	14 32 12.1	+0.6		
DGZ					pmx	pmx			
WMQ	Urumqi	40.65	296	eP	P	14 32 17.7	+0.8		
WMQ	comp=Z,72nm,0.9s				pmx	pmx			
WMQ	comp=Z,78nm,3.8s				pmx	pmx			
ZAAO	Zalesovo Array	41.36	311	P	P	14 32 22.4	-0.2		
ZALV	Zalesovo Beam	41.36	311	P	P	14 32 22.4	-0.1		
ZALV	comp=Z,17nm,0.5s,baz=80,slow=7.5,SNR=59				LR	LR			
ZALV	comp=Z,31nm,18.6s,baz=118,slow=37				LR	LR			
ZALV	Zalesovo Beam	41.36	311	eP	P	14 32 23.2	+0.7		
ZALV					pmx	pmx			
ZALV	comp=Z,17nm,0.5s				pmx	pmx			
ZALV	Zalesovo Beam	41.36	311	P	P	14 32 22.6	+0.1		
CMMT	Chiang Mai	42.06	255	P	P	14 32 34.9	+6.3		
CMMT	comp=Z,7.2nm,0.6s				P	14 32 34.9	+6.2		
CHTO	Chiang Mai	42.06	255	P	P	14 32 34.9	+6.2		
CHTO	comp=Z,7.0nm,0.9s				LR	LR			
NRK	Noril'sk	42.25	335	LR	LR	14 50 57.6			
NRK	comp=Z,42nm,18.7s,baz=144,slow=57				P	14 32 33.5	-0.3		
NRK	Noril'sk	42.25	335	i	P	14 32 33.5	-0.3		
NRK	comp=Z,3.0nm,1.3s				pmx	pmx			
CMAR	Chiang Mai Arr	42.27	254	P	P	14 32 29.6	-0.8		
CMAR	comp=Z,0.8nm,0.5s,baz=48,slow=7.6,SNR=4.7				LR	LR			
CMAR	Chiang Mai Arr	42.25	254	eP	P	14 32 30.9	+0.5		
CMAR					pmx	pmx			
MK31	Makanchi Array	43.80	301	P	P	14 32 42.3	-0.2		
MK31					pmx	pmx			
MK31	comp=Z,12nm,0.8s				P	14 32 42.3	-0.2		
MK31	Makanchi Array	43.80	301	P	P	14 32 42.3	-0.2		
MK31					I	14 32 43.9			
MKAR	Makanchi Array	43.80	301	P	P	14 32 42.1	-0.4		
MKAR	comp=Z,10nm,0.6s,baz=85,slow=9.7,SNR=129				LR	LR			
SHL	Shillong	43.88	268	P	P	14 32 42.0	-1.5		
SHL					pmx	pmx			
SHL	comp=Z,12nm,0.8s				pmx	pmx			
SHL	Shillong	43.88	268	P	P	14 32 42.0	-1.5		
SHL					I	14 32 46.6			
MAKZ	Makanchi	44.01	301	P	P	14 32 44.0	-0.1		

MAKZ	comp=Z,12nm,0.8s	pmx	pmx						
MAKZ	Makanchi	44.01	301	P	P	14 32 44.0	-0.1		
MAKZ	comp=Z,12nm,0.8s	I	Amb	I	Amb	14 32 45.3			
MAKZ	Kilae Creek	44.04	39	P	P	14 32 46.9	+2.8		
O18K	Koktuh Hills	44.37	40	P	P	14 32 48.0	+1.1		
L19K	White Mountain	44.58	37	P	P	14 32 50.5	+2.1		
M19K	Big River Lodg	44.79	37	P	P	14 32 52.8	+2.7		
K20K	Telida	44.98	35	P	P	14 32 54.2	+2.6		
J20K	Nowinta River	44.99	34	P	P	14 32 54.0	+2.3		
M20K	Styx River	45.38	37	P	P	14 32 57.5	+2.6		
KURK	Kurchatov	45.47	307	P	P	14 32 55.8	+0.2		
KURK	Kurchatov	45.47	307	P	P	14 32 55.8	+0.2		
KURB	Kurchatov Arra	45.54	307	P	P	14 32 55.8	-0.4		
CHUM	Lake Minchumir	45.78	34	P	P	14 33 00.7	+2.7		
KDAK	Kodiak Island	45.82	43	P	P	14 32 59.4	+1.1		
TAPN	Taplejung	46.30	273	eP	P	14 33 03.8	+0.9		
MLY	Manlie	46.49	33	P	P	14 33 05.0	+2.3		
BRSE	Bradley Lake S	46.63	40	P	P	14 33 07.0	+2.3		
ODAN	Odare	46.78	273	eP	P	14 33 08.1	+1.5		
H23K	Yukon River	47.00	32	P	P	14 33 09.9	+2.4		
RC01	Rabbit Creek A	47.04	38	P	P	14 33 09.3	+1.4		
I23K	Minto, Yukon-K	47.07	33	P	P	14 33 07.5	-0.6		
I23K	Minto, Yukon-K	47.07	33	P	P	14 33 10.3	+2.3		
TOLK	Toolik Lake Re	47.09	28	P	P	14 33 10.2	+2.1		
NEA2	Nenana	47.20	33	P	P	14 33 11.1	+2.0		
SEW	Seward	47.25	39	P	P	14 33 10.3	+0.9		
MCK	McKinley	47.28	34	P	P	14 33 11.4	+1.7		
PMR	Palmer	47.30	37	P	P	14 33 11.1	+1.4		
JIRN	Jiri	47.35	274	eP	P	14 33 11.5	+0.3		
WAT1	Susitna Watana	47.50	36	P	P	14 33 12.5	+1.1		
MDM	Murphy Dome	47.56	33	P	P	14 33 10.7	-1.1		
MDM	comp=Z,14nm,1.2s				I	14 33 14.9			
KNK	Knik Glacier	47.63	38	P	P	14 33 13.8	+1.3		
SML	Sawmill	47.66	37	P	P	14 33 14.5	+1.7		
H24K	Noodin Dome	47.69	32	P	P	14 33 15.3	+2.4		
WAT6	Susitna Watana	47.88	36	P	P	14 33 15.7	+1.1		
POKR	Poker Plat Res	47.89	33	P	P	14 33 16.7	+2.3		
KKN	Kakani	48.00	275	eP	P	14 33 16.0	0.0		
PKI	Phulchoki	48.00	275	eP	P	14 33 15.6	-0.6		
PKIN	Phulchoki	48.01	275	eP	P	14 33 15.5	-0.7		
HDA	Harding Lake	48.13	33	P	P	14 33 15.4	-0.8		
HDA	comp=Z,8.0nm,0.9s				I	14 33 18.1			
HDA	Harding Lake	48.13	33	P	P	14 33 17.3	+1.0		
HDA	comp=Z,27s,SNR=7.5				P	14 33 17.3	+1.0		
ILAR	Eileen Array	48.14	33	P	P	14 33 17.6	+1.3		
TARG	Taragay, Kyrgy	48.22	295	I	Amb	14 33 22.1			
GKN	Gorkha	48.41	276	eP	P	14 33 19.0	-0.1		
KDJ	Kajisay	48.54	296	P	P	14 33 20.2	+0.3		
KDJ	comp=Z,7.0nm,0.5s				pmx	pmx			
KDJ	Kajisay	48.54	296	P	P	14 33 20.2	+0.3		
M24K	Tolsona, Glenn	48.65	37						

Table of seismic events with columns: ID, Station Name, Time, Magnitude, Depth, Location, and other parameters. Includes events like White River Ci, Parker Dam, Lak, Bad Seeberg, Dobruska-Polom, etc.

Table of seismic events with columns: Code, Station Name, Time, Magnitude, Depth, Location, and other parameters. Includes events like Igitin Island, Great Sitkin M, etc.

Table of seismic events with columns: Code, Station Name, Time, Magnitude, Depth, Location, and other parameters. Includes events like Great Sitkin C, Great Sitkin T, Kagalaska Isla, etc.

Table of seismic events with columns: Code, Station Name, Time, Magnitude, Depth, Location, and other parameters. Includes event: IDC 01 14:57:19.4:5.4, 22.98Sx176.46W, h0km, mb3.7/3, etc.

Table of seismic events with columns: Code, Station Name, Time, Magnitude, Depth, Location, and other parameters. Includes event: IDC 01 14:59:26.3:0.9, 22.55S, 162.176W, h0km, n28, etc.

Table of seismic events with columns: Code, Station Name, Time, Magnitude, Depth, Location, and other parameters. Includes events like WBO Warramunga Arr, WBS Warramunga Arr, WRAB Tennant Creek, etc.

Table of seismic events with columns: Code, Station Name, Time, Magnitude, Depth, Location, and other parameters. Includes events like PSA00 Pilbara Seismi, TOLLIZ Tolitoli, GSPA South Pole Qui, etc.

DCD 01 15:17:36.8:0.5, 7.66N, 125.81E, h0km, mb4.4/2.3, mb1 4.5/2.6, mb1mx4.4/3.6, mbtmp4.5/2.6, ML4.4/3, MS3.6/1.3, Ms1 3.6/1.3, ms1mx3.4/3.9, Error ellipse: s-maj=19.6km

MAN 01 15:17:40.0, 7.35N, 125.46E, h7km, mb5.5, ML4.5, MS4.8, DJA 01 15:17:41.5, 1.0, 8.2N, 142.12E, h28km, 7km, M4.9/2.8, mb5.4/1.3, mb4.9/2.8, ML5.2/6, Mw(MB)4.8/1.3

NEIC 01 15:17:41.9, 1.9, 7.64N, 0.07, 125.49E, 0.10, h33km, 3km, mb4.7/3.9, Error ellipse: s-maj=14.4km s-min=9.8km

BUI 01 15:17:42.0, 0.7, 7.77N, 125.40E, h28km, mb4.8/3.7, mb4.6/5.0, Ms4.2/3.3, Ms7 4.0/3.0

ISG 01 15:17:41.1, 0.7, 7.61N, 0.03, 125.60E, 0.05, h25km, 4km, n178, c1974/182, mb4.6/7.9, MS3.9/18, 7C-6D, Mindanao

Table of seismic events with columns: Code, Station Name, Time, Magnitude, Depth, Location, and other parameters. Includes events like DAV Davao City (W), DAV Davao City (W), DAV Davao City (W), etc.

Table of seismic events with columns: Code, Station Name, Time, Magnitude, Depth, Location, and other parameters. Includes events like STKI Sintang, TPUB Ta-pu, SOEI Soe, etc.

Table of seismic events with columns: Code, Station Name, Time, Magnitude, Depth, Location, and other parameters. Includes events like JOW Kunigami, GUMO Guam, GUMO Guam, etc.

KSI	comp=Z,8.0nm,0.6s	25.54 245	P	P	15 23 07.6	-0.5
JNU	Nakatsue	25.85 10	P	P	15 23 09.8	-0.9
JNU	Nakatsue	25.85 10	P	P	15 23 09.8	-0.9
JNU	Nakatsue	25.85 10	P	P	15 23 15.0	
PHET	Kaeng Krachan	26.08 284	P	P	15 23 17.0	+4.1
PHET	Kaeng Krachan	26.08 284	P	P	15 23 17.1	+4.1
PHIT	Phitsanulok	26.34 294	P	P	15 23 18.0	+2.7
PHIT	Phitsanulok	26.34 294	P	P	15 23 18.0	+2.7
UTTA	Utтарadit	26.40 295	P	P	15 23 18.0	+2.3
UTTA	Utтарadit	26.40 295	P	P	15 23 18.1	+2.3
SURT	Suratani	26.56 275	P	P	15 23 23.6	+6.4
SURT	Suratani	26.56 275	P	P	15 23 23.7	+6.4
MNSI	Mandailing Nat	26.81 257	P	P	15 23 30.1	+1.1
MNSI	Prapat	26.99 261	P	P	15 23 30.9	-0.4
JMN	Monobe	27.09 15	P	P	15 23 20.5	-1.4
JMN	Monobe	27.09 15	P	P	15 23 27.6	
LAMP	Lampang	27.48 296	P	P	15 23 29.5	+3.9
LAMP	Lampang	27.48 296	P	P	15 23 29.5	+3.9
KMI	Kunming	27.92 311	P	P	15 23 30.3	+0.6
KMI	Kunming	27.92 311	P	P	15 23 37.6	+0.3
KMI	Kunming	27.92 311	P	P	15 23 41.9	+1.4
KMI	Kunming	27.92 311	P	P	15 28 10.1	-2.3
KMI	Kunming	27.92 311	P	P	15 28 25.1	0.0
KMI	Kunming	27.92 311	P	P	15 23 38.0	+7.2
CM35	Chiang Mai Arr	27.96 296	P	P	15 23 30.0	+0.1
CM34	Chiang Mai Arr	28.02 296	P	P	15 23 31.0	+0.6
CM01	Chiang Mai Arr	28.05 295	P	P	15 23 37.8	+7.1
CM01	Chiang Mai Arr	28.05 295	P	P	15 23 37.9	+7.2
CM02	Chiang Mai Arr	28.07 295	P	P	15 23 38.0	+7.2
CM02	Chiang Mai Arr	28.07 295	P	P	15 23 38.0	+7.2
CMAR	Chiang Mai Arr	28.08 295	P	P	15 23 31.6	+0.7
CMAR	Chiang Mai Arr	28.08 295	P	P	15 35 01.8	
CM13	Chiang Mai Arr	28.10 295	P	P	15 23 38.8	+7.7
CM13	Chiang Mai Arr	28.10 295	P	P	15 23 38.0	+6.9
CMMT	Chiang Mai Arr	28.19 296	P	P	15 23 32.7	+0.8
CMMT	Chiang Mai Arr	28.19 296	P	P	15 23 32.1	+0.2
CM33	Chiang Mai Arr	28.19 296	P	P	15 23 32.0	+0.1
CM33	Chiang Mai Arr	28.19 296	P	P	15 23 32.7	+0.8
CHTO	Chiang Mai Arr	28.19 296	P	P	15 23 30.2	-1.7
CHTO	Chiang Mai Arr	28.19 296	P	P	15 23 32.0	+0.1
CM32	Chiang Mai Arr	28.23 296	P	P	15 23 33.0	+0.1
WB2	Warramunga Arr	28.25 162	Iamb	Iamb	15 23 33.6	-1.5
WRAB	Tennant Creek	28.70 163	P	P	15 23 35.1	-1.2
WRAB	Tennant Creek	28.70 163	P	P	15 23 51.8	
WRA	Warramunga Arr	28.70 163	P	P	15 23 34.6	-1.8
WRA	Warramunga Arr	28.70 163	P	P	15 23 34.9	-1.5
WB2	Warramunga Arr	28.70 163	P	P	15 23 35.1	-1.3
WJ2	Warramunga Arr	28.78 162	P	P	15 23 35.6	-1.5
WJ2	Warramunga Arr	28.78 162	P	P	15 23 36.7	-2.0
WJ2	Warramunga Arr	28.78 162	P	P	15 23 47.1	
PSA00	Pilbara Seismi	29.55 191	P	P	15 23 42.2	-1.7
PSA00	Pilbara Seismi	29.55 191	P	P	15 23 56.4	
KSR5	Korea Array	29.78 4	P	P	15 23 45.5	-0.2
KSR5	Korea Array	29.78 4	P	P	15 34 54.0	
XAN	Xi'an	30.48 332	P	P	15 23 52.0	-0.1
XAN	Xi'an	30.48 332	P	P	15 24 01.4	+1.7
XAN	Xi'an	30.48 332	P	P	15 24 56.9	-4.3
XAN	Xi'an	30.48 332	P	P	15 28 52.2	+0.3
XAN	Xi'an	30.48 332	P	P	15 23 52.0	-0.1
XAN	Xi'an	30.48 332	P	P	15 24 01.4	+1.7
XAN	Xi'an	30.48 332	P	P	15 24 56.9	-4.3
XAN	Xi'an	30.48 332	P	P	15 28 52.2	+0.3
MJAR	Matsushiro Arr	31.01 20	P	P	15 23 54.1	-2.5
MJAR	Matsushiro Arr	31.01 20	P	P	15 23 54.2	-2.5
MAJO	Matsushiro	31.01 20	P	P	15 23 54.6	-2.1
MAT	Matsushiro	31.01 20	P	P	15 23 53.9	-2.8
MAT	Matsushiro	31.01 20	P	P	15 29 01.6	+1.4
AS31	Alice Springs	32.13 166	P	P	15 24 06.0	-0.6
AS31	Alice Springs	32.13 166	P	P	15 24 05.9	-0.8
JAMR	Marumori	33.12 22	P	P	15 24 13.1	-0.2
BJI	Beijing	33.38 347	P	P	15 24 19.7	+2.3
BJI	Beijing	33.38 347	P	P	15 24 25.6	+0.5
BJI	Beijing	33.38 347	P	P	15 24 30.7	+2.4
BJI	Beijing	33.38 347	P	P	15 23 36.8	-0.1
BJI	Beijing	33.38 347	P	P	15 24 19.7	+2.3
BJI	Beijing	33.38 347	P	P	15 24 25.6	+0.5
BJI	Beijing	33.38 347	P	P	15 24 30.7	+2.4
BJI	Beijing	33.38 347	P	P	15 23 36.8	-0.1
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou	34.62 328	P	P	15 24 30.4	+1.9
LZH	Lanzhou	34.62 328	P	P	15 24 34.1	-2.1
LZH	Lanzhou	34.62 328	P	P	15 24 37.9	-1.5
LZH	Lanzhou					

Table with columns: QRN, AI-Qurain, 3.05 234 eP, Pn, 17 44 21.0 +0.7, 17 44 55.7 -1.2, 17 44 58.4. Includes stations like ANAR, IKFM, ASAO, etc.

IDC 01 17:52:34.0t.1.1, 12.24Nk:144.08E, h0km, mb3.6/7, mb1 3.8/7, mb1mx3.6/35, mbtmp3.6/7, MS3.0/6, Ms1 3.0/6, ms1mx2.8/39, Error ellipse: s-maj=32.5km s-min=16.9km

ISC 01 17:52:35.4t.1.1, 12.33N:01:144.1E, h0km, n19, s156/9, mb3.6/7, MS2.8/4, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUM0, SJU, JHJ, H11S3, etc.

AEIC 01 18:05:29.2.4, 66.15N:0.04.141.42W, 0.09, h2km, 5km, ML2.9, ML3.1/68(NEIC), Error ellipse: s-maj=7.1km s-min=3.6km az=222.0

PGC 01 18:05:31.3t.0.1, 66.13N:141.44W, h1km, ML2.8/6, 249km northwest of Dawson, Yt Northern Alaska

NEIC 01 18:05:31.7t.2.3, 66.14N:0.05:141.46W, 0.07, h15km, 5km, Error ellipse: s-maj=6.8km s-min=4.3km az=180.0

ISC 01 18:05:28.9.0.7, 66.39N:0.03:141.25W, 0.03, h10km, n84, s195/9.6, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FYU, EGAK, BM01, etc.

Table with columns: COLA, College, 3.13 244 Pn, Pn, 18 06 17.4 -0.7, 18 06 17.4 -0.8, 18 06 18.1 -1.4. Includes stations like CCB, BCAR, WRH, etc.

Table with columns: BWCN, Beaver Creek, 4.00 177 Sg, Sb, 18 07 28.6 +0.9, 18 07 28.6 +0.7, 18 06 32.0 -0.3. Includes stations like YUK1, YUK2, etc.

Table with columns: LOGN, Logan Glacier, 5.59 179 Sg, Sb, 18 08 18.2 +4.6, 18 08 22.0 -0.1, 18 08 23.0. Includes stations like YUK6, HYT, etc.

IDC 01 18:07:49.5.15.0, 37.51N, 134.48E, h270km, 116km, mb2.8/2, mb1 2.9/3, mb1mx2.5/35, mbtmp3.2/3, MS2.6/1, Ms1 2.6/1, ms1mx2.0/8, Error ellipse: s-maj=276.8km s-min=163.7km az=112.0

JMA 01 18:08:05.4t.0.2, 35.39N:137.33E, h281km, 2km, M2.0, ISC 01 18:08:06.1t.1.35, 1N:0.1x137.6E:0.1, h250km, n13, s212/15, Eastern Honshu

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

az=222.0, ISC 01 18:16:52.3t.0.5, 4.41S, 0.06:101.12E, 0.06, h29km, n176, s1509/168, mb4.6/7.1, MS3.8/21, 2C-2D, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UBSE, EGSI, KSI, etc.

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Table with columns: ID, Name, Time, Status, etc. Includes entries like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Time, Status, etc. Includes entries like MKAR Makanchi Array, MKAR Makanchi Array, MKA1 Makanchi, etc.

Table with columns: NPS, Name, Time, Status, etc. Includes entries like NPS Neapolis, NPS NPS, NPS Neapolis, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PASA Karahalii, USA, VLX Vlachokerasia, AKUM Antalya-Kumliuc, etc.

SOME 01:18:26:33.4, 41.75N, 81.02E, h0km
NCC 01:18:26:34.4, 1.1, 41.72N, 81.08E, h0km, mb3.6, mpv3.3,
Error ellipse: s-maj=7.6km s-min=5.6km az=160.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SHLS Shalkode, KTMS Ketmen, UZB Uzynbulak, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ARXS 7.5nm,0.3s, IZV Iztovkoviy, CHHK Chushkaly, etc.

NCC 01:18:57.1, 19.0, 36.78N, 77.55E, h0km, mb3.9, mpv3.5,
Error ellipse: s-maj=191.0km s-min=122.9km az=142.0
IDC 01:18:31:05.8, 1.1, 37.62N, 77.98E, h0km, mb3.6/1.1,
mb1.3, 6/17, mb1mx3.5/69, mbtmp3.5/17, ML3.2/5, MS2.7/1,
ms1.2/7.1, ms1mx2.1/42, Error ellipse: s-maj=23.6km
s-min=17.4km az=59.0

SOME 01:18:31:11.1, 37.80N, 78.43E, h0km
ISC 01:18:31:08.3, 0.9, 37.70N, 0.06, 78.22E, 0.06, h17km, n39,
@192/52, mb3.6/11.3C-2D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SATY Saty, IZV Iztovkoviy, UZB Uzynbulak, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KK31 4.2nm,0.8s, baz=145, slow=26, MKAR Makanchi Array, etc.

IDC 01:18:36:55.1, 2.4, 2.50S, 138.75E, h0km, mb3.4/3,
mb1.3, 8.5, mb1mx3.4/48, mbtmp3.7/5, ML3.9/2, Error
ellipse: s-maj=66.9km s-min=28.0km az=81.0, Irian
Jaya

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

IDC 01:18:42:16.1, 1.0, 9.42, 05N, 119.67W, h0km, mb1.3/5.5,
mb1mx3.3/60, mbtmp3.2/5, ML3.3/4, Error ellipse:
s-maj=13.7km s-min=6.4km az=7.0
NEIC 01:18:42:18.7, 2.1, 41.28N, 0.04, 119.64W, 0.04, h7km, 2.5km,
Error ellipse: s-maj=5.4km s-min=3.8km az=157.0
ANF 01:18:42:18.0, 0.5, 41.83N, 119.56W, h8km, ML3.7/22, Error
ellipse: s-maj=4.4km s-min=3.7km az=103.0
REN 01:18:42:18.6, 2.0, 41.91N, 0.04, 119.64W, 0.02, h9km, 6km,
ML3.8/5, M2.6/26(SEA), ML3.3/94(NEIC),
Mw3.6/73(NEIC), Error ellipse: s-maj=5.3km s-min=1.9km
az=168.0
SEA 01:18:42:19.0, 2.3, 41.87N, 0.03, 119.64W, 0.03, h0km, 2.7km,
Error ellipse: s-maj=4.5km s-min=3.0km az=178.0
NEIC 01:18:42:18.6, 41.91N, 119.64W, h11km, Moment Tensor
Solution, Moment tensor: Scale 10^14Nm, Mr=2.44,
Ms=0.40, Mw=2.94, Mo=0.93, Mo=0.90, Mr=1.49, Fault
plane solution: M3.2/20000-1014 NP1.3, 358.68000,
830.84000, lambda=113.04000, NP2.2, 205.04000,
061.85000, lambda=76.94000. Principal axes: T 3.5021,
Plg16.0000, Azm285.0000, N -0.4743, Plg12.0000,
Azm19.0000, P -3.0278, Plg70.0000, Azm143.0000

ISC 01:18:42:18.0, 1.2, 41.89N, 0.02, 119.63W, 0.02, h3km, 12km,
n127, @127/146, Nevada

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MOD Modoc Plateau, LKVV Lakeview, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mount Meron Ar, Vitosha, Kotamia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Warrunganga Arr, Tennant Creek, W2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Almayashu, UCH, KZ, etc.

DJA 01 18:55:51.20.9.54.111E. h14km,6km, M4.6/15, mb4.9/0.0, MLV4.7/15, Mw/1.4/3.2

ISC 01 18:55:53.0.7.8.48S. 110.99E. h64km,6km, mb3.8/16, Mb1.3/1.3, ms1mx2.7/26. Error ellipse: s-maj=20.0km s-min=9.6km az=38.0

NEIC 01 18:55:55.2.3.8.62S.0.06:110.89E:0.06. h70km,6km, mb4.3/30. Error ellipse: s-maj=9.2km s-min=7.9km az=199.0

ISC 01 18:55:54.1.0.4.872S.0.06:110.86E:0.05. h69km, n91, o1937/99, mb4.2/25, Jawa

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

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

ISC 01 19:17:34.2.1.1.7.55S.154.91E. h0km, mb4.1/13, mb1.4/2/14, mb1mx4.1/31, mbtmp4.1/14, ML1.3/1, MS3.3/3, Ms1.3/3.0, ms1mx2.7/34. Error ellipse: s-maj=34.1km s-min=20.1km az=131.0

ISC 01 19:17:39.1.1.1.7.65S.0.02:154.8E:0.1, h31km, n17, o071/18, mb4.2/12, Bougainville-Solomon Islands

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

ISC 01 19:03:08.5.4.9.37S:59S:73.66W. h0km, mb3.4/2, mb1.3/4.0, ms1mx3.2/26, Error ellipse: s-maj=5.7km s-min=19.1km az=72.0, Near coast of central Chile

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

ISC 01 19:13:23.6.2.4.521S:152.51E. h0km, mb3.5/4, mb1.3/8.5, mb1mx3.5/33, mbtmp3.6/5, ML1.7/1, MS2.8/1, Ms1.2/8.1, ms1mx2.4/21, Error ellipse: s-maj=10.3km s-min=26.7km az=123.0, New Britain region

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

ISC 01 19:53:49.6.1.6.31S:96S:0.03:71.4W:0.1, h56km, 4km, Error ellipse: s-maj=14.1km s-min=4.4km az=91.0

GUC 01 19:53:49.2.0.7.31S:96S:71.20W. h65km, 4km, ML4.3, ISC 01 19:53:49.9.0.6.31S:92S:71.09W. h58km, 5km, mb3.6/5, mb1.3/8.6, ms1mx3.6/31, mbtmp3.9/8, MS2.9/2, Ms1.2/8.2, ms1mx1.6/22, Error ellipse: s-maj=26.8km s-min=14.5km az=94.0

ISC 01 19:53:49.6.0.5.31S:96S:0.04:71.22W:0.06, h60km, 4km, n81, i19:50:90, mb4.0/7, 3C-6D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CO2, CO2, VA03, etc.

1d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tololo Observa, Talagante, Tunca, Las Campanas, Huala, etc.

MDD 01 20:08:35.0, 6.37, 13N, 3.34W, h0km, mblg1.3/2, 1C, Error ellipse: s-maj=5.1km s-min=3.8km az=55.0, PRXIMO, Spain

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EQUER, ELGU, EBER, EGOR, etc.

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INMG 01 20:08:43.3, 1.5, 38, 26N, 1.00W, h16km, 3km, ML2.4, Error ellipse: s-maj=2.6km s-min=1.7km az=121.0, MDD 01 20:08:42.3, 0.4, 38, 25N, 0.98W, h14km, 5km, mblg2.3/2, 3, 4D, Error ellipse: s-maj=4.0km s-min=3.2km az=130.0, PRXIMO, Spain

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ETRV, EMUR, AFON, ETOB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMRV, PESTR, PCBR, etc.

JMA 01 20:08:47.7, 24.07N, 122.45E, h38km, 3km, M3.5, NIED 01 20:08:47.8, 24.07N, 122.45E, h38km, MW3.6, Moment Tensor solution: s3 Moment tensor: Scale 10^14Nm, Mn:0.77, Mb:2.03, Mw:2.80, Ms:1.36, Mo:0.31, Mo:0.43, Fault plane solution: Mo:2.90000x10^14 NPT:0.37, 0.00000, 0.72, 0.00000, 1.51, 0.00000, NP2:0.136, 0.00000, 0.63, 0.00000, 7.20, 0.00000

TAP 01 20:08:48.3, 24.17N, 122.47E, h41km, ML4.0, C, ISC 01 20:08:45.7, 1.0, 24.13N, 102.22E, h16km, 8km, n164, 1505/326, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JYNG, YONAGUNI, YVOJ, etc.

FUSS	baz=274	eS	Sn	20 09 22.7 +0.3	HSN	baz=294 Hsinchu baz=296	1.52 296	eP	Pg	20 09 15.1 +0.1	ICHU	baz=255 Yijhu baz=247	2.15 250	eP	Pb	20 09 23.9 -0.3
NWF	baz=274 Wu-fen Shan baz=325	1.13 326	eP	Pg	20 09 08.1 +0.5	HSN	baz=296	eS	Sb	20 09 32.3 -0.3	ICHU	baz=247	eS	Sb	20 09 49.9 -0.7	
NWF	baz=325	eP	Sn	20 09 21.8 -0.4	PCYT	Pengchaiyu baz=346	1.54 347	eP	Pb	20 09 13.4 -0.5	SSD	Sandimen baz=225	2.18 231	eP	Pb	20 09 23.4 -1.3
WFSB	baz=325 Wu-fen Shan baz=325	1.13 326	P	Pg	20 09 08.0 +0.5	WHYT	Xinyi Township baz=243	1.54 254	eP	Pg	20 09 14.7 -0.6	SSD	baz=225	eS	Sn	20 09 48.5 +0.6
WFSB	baz=325	eS	Sg	20 09 21.6 -0.7	WHYT	baz=243	eS	Sb	20 09 33.3 0.0	ECS	Chishang baz=218	1.54 228	eP	Pb	20 09 25.3 +0.2	
YHNB	baz=296 Yeheng baz=296	1.13 299	iP	Pg	20 09 08.5 +0.9	ECS	baz=243	eS	Sb	20 09 13.7 -0.2	SCST	baz=247 Majia baz=225	eS	Sb	20 09 52.8 +0.7	
YHNB	baz=296	eS	Sn	20 09 22.3 0.0	ECS	baz=218	eS	Pb	20 09 32.2 -0.1	TSMG	baz=225	2.19 230	eP	Pb	20 09 24.3 -0.7	
HGSD	baz=296 Ruisui baz=234	1.15 237	eP	Pb	20 09 07.6 +0.4	JJJ	Ishigaki jima	1.55 81	P	Pb	20 09 13.6 -0.4	TSMG	baz=225	eS	Sn	20 09 50.7 +2.3
HGSD	baz=234	S	Sb	20 09 21.7 -0.2	JJJ	baz=234	S	Sn	20 09 32.2 -0.2	CHN3	Shinhua baz=240	2.19 242	eP	Pb	20 09 23.8 -1.2	
NSK	baz=296 Sanguang baz=296	1.15 299	iP	Pg	20 09 08.7 +0.8	NJN	Zhunan baz=289	1.56 291	eP	Pg	20 09 15.2 -0.5	CHN3	baz=240	eS	Sb	20 09 53.0 +0.9
NSK	baz=296	S	Sn	20 09 22.7 0.0	TWQ1	Liyutan baz=276	1.56 278	P	Pg	20 09 15.5 -0.3	CHN8	Yiju baz=248	2.21 250	eP	Pb	20 09 24.4 -0.9
TWA	baz=330 Mucha baz=330	1.17 317	P	Pg	20 09 08.8 +0.5	TWQ1	baz=276	eS	Pb	20 09 35.0 +0.1	CHN8	baz=248	eS	Sn	20 09 51.0 +2.2	
TWA	baz=330	eS	Sn	20 09 24.0 +0.8	EDH	Donghe baz=215	1.57 223	eP	Pn	20 09 13.5 +0.5	LAY	Lan-yu baz=201	2.25 202	eP	Pn	20 09 21.8 -0.5
IRIF	Iriomote-Funau	1.17 80	P	Pg	20 09 08.4 +0.1	EDH	baz=215	eS	Sn	20 09 31.2 -1.8	LAY	baz=201	eS	Sn	20 09 46.7 -3.0	
IRIF	baz=253	S	Sn	20 09 23.5 +0.4	NMLH	Miaoili baz=283	1.58 285	eP	Pg	20 09 15.8 -0.4	MASBT	Mashibuulo baz=224	2.26 229	eP	Pn	20 09 24.0 +1.5
CHGB	Renai baz=253	1.18 267	P	Pg	20 09 08.9 +0.3	NMLH	baz=283	eS	Sb	20 09 35.4 +1.0	MASBT	baz=224	eS	Sn	20 09 50.0 -0.2	
CHGB	baz=253	eS	Sn	20 09 24.6 +1.8	NSY	Sanyi baz=278	1.58 281	eP	Pg	20 09 15.9 -0.2	TAW	Tawu baz=226	2.28 220	eP	Pn	20 09 24.9 +2.2
TWT	Tachien baz=262	1.19 276	eP	Pg	20 09 09.6 +0.0	NSY	baz=278	eS	Sg	20 09 36.0 -0.8	TAW	baz=226	eS	Sn	20 09 47.6 -2.9	
TWT	baz=262	eS	Sn	20 09 24.1 +0.3	WWF	Wufeng baz=265	1.62 267	eP	Pg	20 09 16.9 +0.1	TWM1	Shoushan baz=246	2.28 236	eP	Pb	20 09 27.2 +0.6
NHDH	Xindian Distri baz=326	1.19 314	P	Pg	20 09 09.4 +0.6	WWF	baz=265	eS	Pg	20 09 37.6 -0.3	TWM1	baz=246	eS	Sb	20 09 56.2 +1.6	
NHDH	baz=326	S	Sg	20 09 24.5 +0.1	WJS	Zhushan baz=257	1.62 259	eP	Sg	20 09 17.7 -0.2	EAST	Anshuo baz=219	2.29 221	eP	Pn	20 09 23.6 -0.7
OWD	Renai baz=259	1.19 262	eP	Pg	20 09 08.9 +0.1	WJS	baz=257	eS	Sb	20 09 36.9 +1.3	EAST	baz=219	eS	Sn	20 09 51.2 +0.4	
OWD	baz=259	eS	Sb	20 09 23.6 +0.3	ELDTW	Lidau baz=233	1.63 235	P	Pn	20 09 14.4 +0.6	SCLT	Jiali baz=244	2.29 246	eP	Pb	20 09 26.2 -0.5
TNOU	National Taiwa baz=327	1.20 328	eP	Pg	20 09 08.7 -0.2	ELDTW	baz=233	eS	Sn	20 09 33.0 -1.6	SCLT	baz=244	eS	Sb	20 09 53.7 -1.1	
TNOU	baz=327	eS	Sn	20 09 23.4 -0.4	TCU	Taichung baz=269	1.64 271	eP	Pg	20 09 16.8 -0.4	SGLT	Jiouchung baz=221	2.29 233	eP	Pb	20 09 27.5 +0.8
TDCB	Techi baz=262	1.20 276	P	Pg	20 09 09.4 +0.4	TCU	baz=269	eS	Sb	20 09 37.1 +1.1	SGLT	baz=221	eS	Sb	20 09 57.0 +2.2	
TDCB	baz=262	eS	Sn	20 09 24.2 +0.1	ALS	Alisan baz=246	1.64 248	eP	Pb	20 09 16.2 +0.4	TSPT	Pingtung City baz=230	2.32 232	eP	Pb	20 09 27.9 +0.7
EHY	baz=249 Hungye baz=249	1.22 240	eP	Pb	20 09 08.7 +0.3	ALS	baz=246	eS	Sn	20 09 36.2 +1.0	TSPT	baz=230	eS	Sb	20 09 58.2 +2.7	
EHY	baz=249	eS	Sb	20 09 22.3 -1.6	WNT	Mingjian baz=259	1.65 262	eP	Pg	20 09 17.0 -0.5	TAI1	Yung-kang baz=253	2.32 243	eP	Pb	20 09 26.4 -0.8
NHY	Taipei baz=330	1.22 318	eP	Pg	20 09 09.7 +0.4	WNT	baz=259	eS	Sb	20 09 37.5 +0.2	TAI1	baz=253	eS	Sb	20 09 54.9 +1.8	
NHY	baz=330	eS	Sg	20 09 24.9 -0.3	WNT1	Nantou City baz=260	1.65 263	eP	Pg	20 09 17.1 -0.3	SNJT	Kaohsiung City baz=234	2.39 235	eP	Pb	20 09 28.5 +0.1
HATJ	Hateruma jima	1.22 93	P	Pg	20 09 09.8 +0.5	WNT1	baz=260	eS	Sg	20 09 37.9 -1.0	SNJT	baz=234	eS	Sb	20 09 58.0 +0.3	
HATJ	baz=260	S	Sb	20 09 24.1 0.0	WDJ	Dajia District baz=275	1.68 278	eP	Pb	20 09 17.1 +0.8	SSPT	Xinbi baz=221	2.39 227	eP	Pb	20 09 27.3 -1.2
TATO	Taipei baz=326	1.23 314	P	Pg	20 09 09.5 +0.1	WDJ	baz=275	eS	Sb	20 09 38.1 +0.9	SSPT	baz=221	eS	Sn	20 09 55.7 +2.4	
TATO	baz=326	S	Sg	20 09 25.0 -0.4	LDUT	Ludao baz=211	1.71 213	P	Pn	20 09 15.2 +0.2	SCZT	Fangliu baz=219	2.44 225	eP	Pb	20 09 27.8 -1.5
ECBN	Changbin baz=227	1.23 229	P	Pb	20 09 09.1 +0.5	LDUT	baz=211	eS	Sn	20 09 34.4 -2.1	SCZT	baz=219	eS	Sn	20 09 55.7 +1.2	
ECBN	baz=227	eS	Sb	20 09 23.6 -0.8	CHN5	Tsauling baz=250	1.72 252	eP	Pb	20 09 17.7 +0.6	SLIU	Shizi baz=225	2.45 219	eP	Pn	20 09 26.4 +1.4
TAP	Taipei baz=328	1.26 316	eP	Pb	20 09 08.9 -0.2	CHN5	baz=250	eS	Sb	20 09 39.5 +1.0	SLIU	baz=225	eS	Sn	20 09 53.6 -1.1	
TAP	baz=328	eS	Sn	20 09 25.3 0.0	LONT	Longtian baz=235	1.73 226	eP	Pn	20 09 15.8 +0.6	JIRB	Jirabujima baz=239	2.56 74	P	Pn	20 09 27.8 +1.2
BACT	New Taipei Cit baz=326	1.27 313	eP	Pg	20 09 09.5 -0.8	LONT	baz=235	eS	Sn	20 09 35.4 -1.5	JIRB	baz=239	S	Sn	20 09 57.8 +0.3	
BACT	baz=326	eS	Sg	20 09 27.6 +0.7	WYL	Yuanlin Townsh baz=263	1.73 265	eP	Pg	20 09 18.5 -0.5	WLCB	Liuqu baz=239	2.61 228	eP	Pb	20 09 32.1 0.0
YULB	Yu-li baz=247	1.30 236	P	Pb	20 09 10.0 +0.2	WYL	baz=263	eS	Sg	20 09 40.0 -1.1	TWP	Hsiaoiliuchi baz=239	2.63 228	eP	Pb	20 09 33.0 +0.6
YULB	baz=247	S	Sb	20 09 25.1 -1.1	JISG	Ishgakijimahi baz=235	1.74 74	P	Pn	20 09 15.9 +0.6	TWP	baz=239	eS	Sb	20 09 05.6 +1.1	
EYUL	Yuli baz=223	1.31 234	eP	Pb	20 09 10.5 +0.6	JISG	baz=235	S	Sn	20 09 37.1 -0.1	HEN	Hengchun baz=222	2.65 217	eP	Pb	20 09 31.1 -1.7
EYUL	baz=223	eS	Sb	20 09 26.9 +0.4	WCHH	Zhanghua baz=266	1.75 269	eP	Sb	20 09 39.5 +0.4	HEN	baz=222	eS	Sn	20 09 59.5 0.0	
TWF1	Yuli baz=246	1.32 234	eP	Pb	20 09 10.4 +0.2	WCHH	baz=266	eS	Sb	20 09 18.9 +0.6	TSEB	Hengchuen, Pin baz=220	2.65 213	eP	Pb	20 09 30.8 -2.0
TWF1	baz=246	eS	Sb	20 09 26.4 -0.6	WGK	Gukeng baz=254	1.80 256	eP	Pb	20 09 42.1 +1.5	TSEB	baz=220	eS	Sn	20 10 00.3 +0.7	
YM08	YM08 baz=321	1.32 323	eP	Pn	20 09 07.5 -2.1	WGK	baz=254	eS	Sb	20 09 19.4 +0.7	JIKM	Ikemajima baz=214	2.65 72	P	Pn	20 09 29.7 +1.8
YM08	baz=321	eS	Sb	20 09 25.2 -1.7	WDLH	Douliu baz=254	1.82 256	eP	Pb	20 09 42.5 +1.3	JIKM	baz=214	S	Sn	20 09 59.8 +0.1	
TWS1	Kuangyinshan baz=328	1.36 316	eP	Pg	20 09 11.4 -0.6	WDLH	baz=254	eS	Sb	20 09 18.3 -0.4	TWKBT	Hengchun baz=214	2.66 215	eP	Pb	20 09 29.5 +1.6
TWS1	baz=328	eS	Sg	20 09 29.2 -0.5	STYH	Taoyuan baz=229	1.82 239	eP	Pb	20 09 39.8 +0.6	TWKBT	baz=214	eS	Sn	20 09 59.5 -0.4	
ANP	Anpu baz=319	1.36 321	eP	Pg	20 09 11.6 -0.4	STYH	baz=229	eS	Sn	20 09 16.8 +0.3	TWK1	Hengchun baz=214	2.66 215	eP	Pn	20 09 29.2 +1.2
ANP	baz=319	eS	Sg	20 09 29.2 -0.5	TWGBT	Beinan baz=233	1.82 225	eP	Pn	20 09 36.8 +2.5	TWK1	baz=214	eS	Sn	20 09 59.3 -0.7	
NTY	Taoyuan baz=321	1.37 309	eP	Pn	20 09 09.8 -0.4	TWGBT	baz=233	eS	Sn	20 09 16.6 +0.1	JMJ	Miyako jima 2 baz=77	2.66 75	eP	Pn	20 09 30.1 +2.1
NTY	baz=321	eS	Sg	20 09 29.6 -0.5	TWG	Pinlang baz=233	1.83 225	eP	Pn	20 09 36.7 -2.6	JMJ	baz=77	eS	Sn	20 10 01.3 +1.3	
NTST	Danshui baz=329	1.39 318	eP	Pg	20 09 11.5 -0.9	TWG	baz=233	eS	Sn	20 09 18.6 -0.2	JMJ2	Miyako jima3 baz=77	2.68 76	P	Pn	20 09 30.1 +1.9
NTST	baz=329	eS	Sg	20 09 30.3 -0.2	TTN	Taitung baz=212	1.83 222	eP	Pb	20 09 38.8 -0.6	JMJ2	baz=77	S	Sn	20 10 01.4 +1.1	
WPL	Puli Township baz=263	1.39 265	eP	Pg	20 09 11.9 -0.6	TTN	baz=212	eS	Pb	20 09 18.6 -0.2	WDGT	Dungji baz=250	2.71 252	eP	Pn	20 09 30.7 +1.9
WPL	baz=263	eS	Sb	20 09 29.2 +0.5	STYT	Taoyuan baz=229	1.84 239	eP	Pb	20 09 38.8 -0.6	WDGT	baz=250	eS	Sn	20 10 01.4 +0.1	
NJD	Zhudong baz=284	1.40 296	eP	Pg	20 09 13.1 +0.5	STYT	baz=229	eS	Pb	20 09 18.6 -0.4	PHUB	Peng-hu baz=269	2.72 258	eP	Pn	20 09 30.1 +1.3
NJD	baz=284	eS	Sg	20 09 31.1 +0.3	TPUB	Ta-pu baz=242	1.88 244	P	Pb	20 09 40.6 +0.9	PHUB	baz=269	eS	Sn	20 10 01.5 0.0	
WHP	Taichung City baz=264	1.40 276	P	Pg	20 09 12.8 +0.2	TPUB	baz=242	S	Pb	20 09 19.7 +0.1	PNG	Penghu baz=256	2.73 259	eP	Pn	20 09 30.2 +1.3
WHP	baz=264	S	Sg	20 09 30.2 -0.7	WTP	Ta-pu baz=241	1.91 243	P	Pb	20 09 43.2 +0.3	PNG	baz=256	eS	Sn	20 10 01.6 +0.1	
JKRS	Kuro-shima	1.41 85	P	Pg	20 09 12.3 -0.6	WTP	baz=241	S	Pb	20 09 20.0 0.0	JOGS	Gusukube baz=263	2.75 76	P	Pn	20 09 31.1 +1.9
JKRS	baz=241	S	Sg	20 09 31.0 -0.3	CHN2	Minshiang baz=250	1.92 252	eP	Pb	20 09 44.2 +0.2	JOGS	baz=263	S	Sn	20 10 03.4 +1.3	
FULB	Fuli baz=217	1.42 230	eP	Pn	20 09 11.4 +0.4	CHN2	baz=250	eS	Sb	20 09 21.0 +0.7	VVUC	VVUC baz=286	2.88 288	eP	Pn	20 09 31.6 +0.6
FULB	baz=217	eS	Sn	20 09 28.5 -0.8	CHN2	baz=250	eS	Sb	20 09 45.3 +1.2	VVUC	baz=286	eS	Sn	20 10 02.5 -2.8		
LIOB	Emei baz=289	1.42 292	eP	Pg	20 09 13.3 +0.2	CHN2	baz=250	eS	Sb	20 09 20.7 +0.2	VCHM	Qimei baz=250	2.93 252	eP	Pn	20 09 33.5 +1.8
LIOB	baz=289	eS	Sg	20 09 31.5 -0.1	WRL	Guolierlin Hig baz=261	1.93 264	eP	Pb	20 09 20.7 +0.2	VCHM	baz=250	eS	Sn	20 10 06.9 +0.3	
WCS	Beigang Elemen baz=258	1.42 267	eP	Pg	20 09 12.8 -0.3	WRL</										

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

2015 AUG

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for various stations.

1d 20h

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

JMA 01 20:41:53.6:0.4, 22°22'N, 122°71'E, h49km, M3.1
TAP 01 20:41:54.7:22°16'N, 122°65'E, h49km, 1km, ML3.1, D
ISC 01 20:41:49.4:1.5, 22°20'N, 0°05', 122.72E, 0.003, h3km, 11km,

n75, c1504/122, Taiwan region

Code Station Name Az° AZ° Phase ID Time Res h m s ISC

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

DJA 01 20:41:53.1±0.3, 8°S, 4°11'11"E, h22km, 5km, M4.0/12,
mb4.5/1, ML3.8/12
IDC 01 20:41:54.5:4.2, 7°58'S, 110°82'E, h51km, 45km, mb3.5/5,
mb1.3/7.6, mb1mx3.3/46, mbtmp3.7/6, MS2.7/2,
Ms1.2/7.2, ms1mx2.5/28, Error ellipse: s-maj=52.1km
s-min=16.5km az=41.0

ISC 01 20:41:53.4:0.8, 7°65'S, 0°06', 110.70E, 0.04, h35km, n22,

c1543/26, mb3.6/5, Jawa

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

IDC 01 20:46:36.9±1.7, 8°62'S, 156°46'E, h0km, mb3.6/3,
mb1.3/8.4, mb1mx3.5/31, mbtmp3.7/4, ML4.0/1, MS4.4/1,
Ms1.4/4.1, ms1mx2.7/28, Error ellipse: s-maj=49.3km
s-min=29.2km az=166.0, Bougainville-Solomon Islands
region

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

ROBS		i Sn	Sb	20 48 52.4 +0.1	FSSB	comp=E,610µm,0.3s	AML	AML	comp=E,46µm,1.1s	HINF	Hinterfeld	3.30 307	eP	Pn	20 48 46.5 +2.4					
ROBS		IAML		20 48 59.3	FSSB	comp=N,704µm,0.5s	AML	AML	comp=N,146nm,0.4s	HINF			eSn	Sn	20 49 21.3 -1.9					
PLMA	Palmaria, Port	1.95 200	P	Pb	20 48 26.8 -1.3	GBOS	Grotte di Boss	2.64 232	P	Pn	AML	20 48 36.1 +1.0	eSg	Sg	20 49 36.8 -1.8					
PLMA	comp=E,762µm,0.9s		AML	AML		GBOS	comp=N,410µm,0.7s		AML	AML					CSP1	Cessapalombo	3.30 147	P	Pn	20 48 44.6 +0.4
MMK	Matmark	1.95 276	P	Pn	20 48 26.4 +0.6	BERGE	Lenzkirch (DE)	2.66 319	ePn	Pn	Sg	20 48 37.3 +2.1	3.31 246	P	Pn	20 48 46.4 +2.1				
MMK	comp=E,1565µm,0.7s		AML	AML		BERGE	Monte Paganucc	2.67 147	P	Pn	Pn	20 48 17.1 -1.0	3.31 93	ePn	Pn	20 48 44.4 +0.2				
MAIM	Mastiano	1.99 186	P	Pb	20 48 27.3 -1.4	PIEI	comp=N,305µm,0.8s		AML	AML		20 48 35.7 +0.1	3.32 284	ePn	Pn	20 48 46.3 +1.9				
MAIM	comp=E,820µm,0.8s		AML	AML		PIEI	comp=N,388µm,1.6s		AML	AML		20 48 35.8 +0.2		eSg	Pn	20 48 20.0 -1.3				
MAIM	comp=N,798µm,0.6s		AML	AML		OBKA	Obir	2.71 75	ePg	Pn	Pn	20 48 36.6 +0.7	comp=E,117nm,0.5s	3.38 315	P	Pb	20 48 49.7 -2.9			
WILA	Wila	1.99 321	ePn	Pb	20 48 29.3 +0.6	OBKA	Obir	2.71 75	P	Pn	Pn	20 48 36.6 +0.7	comp=N,372nm,0.7s	3.46 318	eP	Pn	20 48 48.8 +2.4			
SABO	M.te Sabotino	1.99 86	P	Pn	20 48 26.7 +0.7	ATPI	Pietralunga -	2.71 154	AML	AML			comp=N,88µm,1.1s	3.46 318	ePg	Pn	20 48 58.4 -0.7			
SABO	comp=E,2740µm,0.4s		AML	AML		ATPI	comp=N,285µm,1.3s		AML	AML					comp=N,112µm,0.9s	3.56 66	ePn	Pn	20 48 41.0 -2.9	
ACOM	Acomizza, Ital	2.02 70	P	Pb	20 48 28.2 -1.3	VNDS	Vrh nad Dolski	2.76 84	i Pn	Pn	Sg	20 48 37.2 +0.6	comp=N,142µm,0.3s	3.47 175	AML	AML				
ACOM	comp=N,6490µm,0.4s		AML	AML		VNDS	comp=N,280µm,1.0s		eSg	Pn	Sg	20 49 19.6 -1.7	NRCA	NRCA	3.49 150	P	Pn	20 48 47.4 +0.6		
ACOM	comp=E,8605µm,0.4s		AML	AML		VNDS	comp=N,151nm,0.3s		AML	AML		20 49 28.4	NRCA	NRCA	3.49 150	AML	AML			
BE1	Monatshausen	2.04 9	ePn	Pb	20 48 29.5 -0.2	ATVO	AVT- Monte Val	2.77 154	P	Pn	Pn	20 48 37.9 +1.1	comp=N,188µm,0.9s	3.53 158	AML	AML				
BE1	comp=N,3070µm,0.7s		eSg	Pb	20 48 59.9 +1.4	ATVO	comp=N,325µm,0.8s		AML	AML			comp=N,268µm,1.1s		AML	AML				
EMBD	Embd, Mattered	2.06 280	P	Pn	20 48 28.5 +1.4	ATMI	Monte Miggianno	2.77 157	P	Pn	Pn	20 48 38.0 +1.1	comp=N,215µm,0.4s		AML	AML				
PCP	Piancastagn	2.06 230	P	Pn	20 48 28.4 +1.3	ATMI	comp=E,504µm,0.5s		AML	AML			ARSA	Arzberg	3.56 66	ePg	Pn	20 48 48.4 +0.8		
PCP	comp=E,653µm,0.6s		AML	AML		ATMI	comp=N,662µm,0.5s		AML	AML			ARSA	Arzberg	3.56 66	eSg	Pn	20 49 31.7 +2.1		
CADS	Cadrg	2.10 80	i Pn	Pn	20 48 28.0 +0.3	MGRO	Montegrosso	2.79 230	P	Pn	Pn	20 48 37.9 +0.7	ARSA	Arzberg	3.56 66	AML	AML			
CADS	comp=N,488nm,0.5s		eSg	Pn	20 48 57.0 +0.2	MGRO	comp=N,504µm,0.9s		AML	AML			ARSA	Arzberg	3.56 66	AML	AML			
CADS	comp=N,488nm,0.5s		IAML		20 49 03.5	MGRO	comp=N,504µm,0.9s		AML	AML			WET	Wetzell	3.56 23	ePn	Pn	20 48 48.6 +0.9		
ZUR	Degenried	2.10 315	P	Pg	20 48 31.8 -1.3	LPG	La Plagne	2.83 263	ePn	Pn	Pb	20 48 38.6 +0.7	WET	Wetzell	3.56 23	eSg	Pn	20 49 43.0 -3.9		
CRMI	Carminiano	2.11 176	P	Pn	20 48 28.6 +1.0	LPG	La Plagne	2.83 263	eP	Pn	Pb	20 48 40.9 -2.4	GERES	GERES Array S	3.57 33	ePn	Pn	20 48 48.5 +0.7		
CRMI	comp=E,208µm,0.9s		AML	AML		LPG	comp=E,234nm,0.5s		eSg	Pn	Sn	20 49 12.4 +0.3	GERES	GERES Array S	3.57 33	ePn	Pn	20 49 30.7 +0.8		
TRI	Trieste	2.11 94	Pn	Pn	20 48 27.8 0.0	KIZ	Kirchzarten	2.84 312	P	Pb	Pb	20 48 40.3 -2.9	GERES	GERES Array B	3.57 33	Pn	Pn	20 48 45.2 -2.1		
TRI	Trieste	2.11 94	P	Pn	20 48 27.9 +0.1	ATFO	Monte Focce - G	2.84 318	P	Pb	Pn	20 48 38.8 +1.0	GERES	GERES Array B	3.57 33	Pn	Pn	20 48 48.4 +0.5		
TRI	comp=N,204µm,1.2s		AML	AML		ATFO	comp=E,386µm,0.7s		AML	AML			GERES	GERES Array B	3.57 33	Pn	Pn	20 49 31.1 +1.1		
TRI	comp=N,950µm,0.8s		AML	AML		ATFO	comp=N,348µm,0.8s		AML	AML			GERES	GERES Array B	3.57 33	Pn	Pn	20 49 42.4		
RUF1	Rufina	2.12 165	P	Pn	20 48 28.9 +1.1	IMI	Imperia	2.84 227	P	Pn	Pn	20 48 38.1 +0.4	GERES	GERES Array B	3.57 33	Pn	Pn	20 49 45.7		
SFI	Santa Sofia	2.13 158	P	Pn	20 48 28.6 +0.6	LPL	La Plagne	2.84 264	eP	Pn	Pn	20 48 38.7 +0.7	GERES	GERES Array B	3.57 33	Pn	Pn	20 48 48.5 +0.7		
SFI	comp=E,686µm,1.0s		AML	AML		LPL	La Plagne	2.84 264	eP	Pn	Pn	20 48 41.2 -2.3	ORIF	Oris-en-Rattie	3.57 256	ePn	Pn	20 48 40.8 +2.9		
SFI	comp=N,893µm,1.3s		AML	AML		LPL	comp=N,132nm,0.4s		eSg	Pn	Sb	20 49 12.4 +0.2	ORIF	Oris-en-Rattie	3.57 256	eSg	Pn	20 49 29.4 -0.5		
MYKA	Terra Mystica	2.13 69	ePg	Pn	20 48 29.2 +1.1	VISS	Visnje	2.85 90	i Pn	Pn	Sg	20 48 38.4 +0.4	PGF	Pioggiola	3.57 201	ePn	Pn	20 48 48.2 +0.3		
MYKA	comp=N,2.4nm,0.2s,SNR=75		eSg	Sg	20 48 59.6 -1.7	VISS	comp=N,425nm,0.5s		IAML			20 49 30.7	PGF	Pioggiola	3.57 201	eSg	Pn	20 48 28.8 -1.2		
MYKA	Terra Mystica	2.13 69	Pn	Pn	20 48 29.2 +1.1	ARVD	Arcevia	2.86 146	P	Pn	Pn	20 48 38.2 +0.2	PGF	Pioggiola	3.57 201	P	Pn	20 48 50.4 +2.4		
MYKA	comp=N,148nm,0.3s		AML	AML		ARVD	comp=N,244µm,0.6s		AML	AML			PGF	Pioggiola	3.57 201	AML	AML			
TRAV	Traversella	2.14 261	AML	AML		ARVD	comp=N,215µm,1.4s		AML	AML			PGF	Pioggiola	3.57 201	AML	AML			
TRAV	comp=N,1390µm,1.2s		AML	AML		BOUR	Bourrignon	2.86 303	P	Pn	Pn	20 48 40.4 +2.3	DUGI	Dugi Otok	3.60 120	ePn	Pn	20 48 48.3 +0.1		
TRAV	comp=N,1540µm,0.6s		AML	AML		ENR	Entraque	2.89 236	P	Pn	Pn	20 48 40.4 +2.3	DUGI	Dugi Otok	3.60 120	Pn	Pn	20 48 38.9 -1.5		
KBA	Koelnbreinsper	2.15 55	ePg	Pb	20 48 30.6 -0.9	ENR	comp=N,334µm,0.9s		AML	AML			GUMA	Gualdo di Mace	3.63 140	AML	AML	20 48 45.6 -3.1		
KBA	comp=E,6.7nm,0.3s,SNR=255		eSg	Sg	20 48 59.7 -2.1	RSL	Roselend	2.90 267	P	Pn	Pn	20 48 41.5 +2.8	GUMA	comp=N,659µm,0.9s		AML	AML			
KBA	Koelnbreinsper	2.15 55	Pb	Pn	20 48 30.6 -0.9	MURZ	Monte Urbino	2.92 154	AML	AML		20 48 39.7 +0.8	GUMA	comp=E,782µm,0.8s		AML	AML			
KBA	comp=E,174nm,0.5s		AML	AML		PZZ	Stroppio	2.92 243	AML	AML			GUMA	comp=N,970µm,1.6s		AML	AML			
KBA	Koelnbreinsper	2.15 55	ePn	Pb	20 48 59.7 -1.1	OGMO	Fort Saint-Gob	2.94 258	Pn	Pn	Pn	20 48 40.6 +1.4	PTJ	Puntjarka	3.64 88	ePn	Pn	20 48 48.4 -0.5		
KBA	comp=N,174nm,0.5s		eSg	Pb	20 48 59.8 -2.0	BFO	Black Forest	2.95 327	Pn	Pn	Pn	20 48 41.3 +2.1	LNSS	Lenessa	3.67 153	AML	AML			
MONC	Monucco Torin	2.15 249	AML	AML		BFO	Black Forest	2.95 327	ePn	Pn	Pn	20 48 41.5 +2.3	LNSS	comp=N,282µm,1.0s		AML	AML			
MONC	comp=N,1785µm,0.6s		AML	AML		RRL	Rocca Remolon	2.96 252	AML	AML			HAU	Haudompre	3.69 307	ePn	Pn	20 48 52.0 +2.6		
MONC	comp=N,2220µm,0.6s		AML	AML		RRL	comp=N,207µm,1.4s		AML	AML			HAU	Haudompre	3.69 307	eSg	Pn	20 49 29.6 -3.1		
WALHA	Walhausen, DE	2.17 330	ePn	Pb	20 48 31.1 -0.8	PDKS	Podkum	2.96 85	i Pn	Pn	Pn	20 48 40.1 +0.6	HAU	comp=E,318nm,0.6s		eSg	Sg	20 49 48.4 -2.7		
WALHA	comp=N,2220µm,0.6s		ePg	Pg	20 48 37.3 +2.8	SAOF	Saorge	2.96 231	Pn	Pn	Pn	20 48 40.4 +0.9	LOBO	Lobor	3.71 84	ePn	Pn	20 48 49.7 -0.1		
WALHA	comp=N,2220µm,0.6s		eSg	Pg	20 49 04.3 +1.7	SAOF	Saorge	2.96 231	AML	AML			FRF	La Foret Royal	3.74 233	ePn	Pn	20 48 50.5 +0.4		
PIL	Pisa	2.17 184	P	Pn	20 48 29.6 +1.0	SAOF	comp=N,444µm,0.7s		AML	AML			FRF	La Foret Royal	3.74 233	ePn	Pn	20 49 33.7 -0.3		
PIL	comp=N,1335µm,0.4s		AML	AML		BNI	comp=N,302µm,1.1s		AML	AML			KHC	Kasperke Hory	3.76 30	ePn	Pn	20 48 50.8 +0.3		
VOJS	Vojsko	2.19 85	i Pn	Pn	20 48 29.1 +0.2	BNI	Bardonecchia	2.99 255	Pn	Pn	Pn	20 48 39.3 -0.6	KHC	Kasperke Hory	3.76 30	eSg	Pn	20 48 35.2 +0.6		
VOJS	comp=N,1335µm,0.4s		ePg	Pn	20 48 32.5 +0.3	BNI	Bardonecchia	2.99 255	AML	AML			KHC	Kasperke Hory	3.76 30	eSg	Pn	20 49 50.5 -3.0		
VOJS	comp=N,1335µm,0.4s		eSg	Pn	20 49 07.3	BNI	comp=N,170µm,1.3s		AML	AML			KHC	Kasperke Hory	3.76 30	eSg	Pn	20 48 51.4 +0.9		
ASQU	Asqua	2.22 160	P	Pn	20 48 30.3 +1.0	BNI	comp=N,160µm,1.3s		AML	AML			KHC	Kasperke Hory	3.76 30	ePn	Pn	20 48 51.4 +0.5		
ASQU	comp=N,646µm,0.6s		AML	AML		BNI	comp=N,160µm,1.3s		AML	AML			UDBI	Udbin	3.79 109	ePn	Pn	20 48 51.3 +0.4		
ASQU	comp=N,646µm,0.6s		AML	AML		BNI	comp=N,160µm,1.3s		AML	AML			CKRC	Cesky Krumlov	3.80 38	ePn	Pn	20 48 51.3 +0.4		
GORS	Gorjuse	2.29 78	i Pn	Pn	20 48 30.8 +0.5	ATCC	AVT- Casa Cast	3.02 153	P	Pn	Pn	20 48 41.5 +1.2	CKRC	Cesky Krumlov	3.80 38	eSg	Pn	20 48 51.3 -3.3		
GORS	comp=N,1335µm,0.4s		eSg	Pn	20 49 03.2 +0.9	ATCC	comp=N,547µm,0.9s		AML	AML			GRFO	Grafenberg	3.81 5	Pn	Pn	20 48 51.7 +0.5		
GORS	comp=N,1335µm,0.4s		IAML		20 49 09.7	ATCC	comp=N,414µm,0.6s		AML	AML			GRA1	Grafenberg Arr	3.82 5	Pn	Pn	20 48 51.5 +0.3		
FUR	Furstenfeldbru	2.30 9	ePn	Pb	20 48 32.5 -1.6	MBDF	Montbardon	3.04 249	ePn	Pn	Pg	20 48 40.5 -0.2	GRF	Grafenberg Arr	3.82 5	ePn	Pn	20 48 51.5 +0.3		
SKDS	Skadancina	2.31 97	i Pn	Pn	20 48 30.5 +0.1	MBDF	Montbardon	3.04 249	eSg	Pn	Pg	20 48 50.3 -0.7	GRF	Grafenberg Arr	3.82 5	ePn	Pn	20 48 06.4 +0.6		
SKDS	comp=N,360nm,0.3s		eSg	Pn	20 49 00.3 -2.4	CING	comp=N,222nm,0.7s		eSg	Pn	Pn	20 49 17.0 0.0	RM33	Pellescrista (	3.82 152	AML	AML	20 49 54.9 -0.3	
SKDS	comp=N,360nm,0.3s		IAML		20 49 04.7	CING	comp=N,172µm,1.0s		AML	AML			RM33	comp=N,144µm,0.7s		AML	AML			
JAVS	Javornik	2.31 89	ePn	Pn	20 48 30.6 +0.1	CING	comp=N,222nm,0.7s		AML	AML			CAMP	Campotosto	3.86 149	AML	AML			
QLNO	Quiliano	2.32 228	P	Pn	20 48 31.6 +1.0	CING	comp=N,172µm,1.0s		AML	AML			CAMP	comp=N,144µm,0.7s		AML	AML			
QLNO	comp=N,686µm,0.9s		AML	AML		EL6	Elicito	3.06 146	P	Pn	Pn	20 48 41.2 +0.3	LMR	La Mourre	3.97 231	ePn	Pn	20 48 53.6 +0.4		
QLNO	comp=N,686µm,0.9s		AML	AML		EL6	comp=N,405µm,0.4s		AML	AML										

Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like PURM Purcari, SORM Soroca, NB201 NORSAR Array S, etc.

Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like NVAR Mina Array Bea, WATA Walderalm, WTSTA Wattenberg, etc.

Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like ILAR Eielson Array, YAH Yahtse, RIDG Independent RI, etc.

IDC 01 21:57:04.1±0.8, 52.08N:169.57W, h0km, mb4.0/21, mb1 4.2/23, ms1mx4.1/55, mbtmp4.0/23, ML3.8/2, MS3.4/2, Ms1 3.4/2, ms1mx2.9/46, Error ellipse: s-maj=25.1km, s-min=13.8km az=165.0

AEIC 01 21:57:06.2, 51.98N:0.04:169.48W, 0.08, h11km, 4km, s-min=5.3km az=103.0

NEIC 01 21:57:06.2, 52.04N:0.06:169.54W, 0.07, h10km, 5km, Error ellipse: s-maj=8.4km s-min=6.0km az=160.0

ISC 01 21:57:05.0, 5.519N:0.07:169.48W, 0.05, h10km, n203, 1915/198, mb4.3/60, MS3.6/3, 2C, Fox Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and Time. Includes stations like NIKH Nikolski High, OKSP Okmok Steeple, OKWR Okmok West Rim, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, ABKAR Abkular array, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like GSTD Great Sitkin T, ADK Adak, KWB False Pass, etc.

Table with columns: Code, Station Name, Time, Res. Includes stations like GLB Gilahina Butte, CCB Clear Creek Bu, CRQM Cirque, etc.

IDC 01 22:06:06.7, 6.0, 52.13N; 169.166W, h0km, mb4, 4/34, mb1 4.8/36, mb1mx4.5/55, mbtmp4 4/36, ML4, 1/2, MS4, 2/28, MS1 4.2/28, ms1mx4.1/39, Error ellipse: s-maj=19.0km s-min=9.8km az=175.0

AEIC 01 22:06:09.2, 4.5, 1.98N; 0.07, 169.49W, 0.09, 17km, 4km, ML4, 2/26, mb4.7/229(NEIC), Error ellipse: s-maj=11.0km s-min=6.9km az=155.0

MOS 01 22:06:09.8, 1.0, 52.16N; 169.64W, h32km, mb4.9/27, MS4, 2/9, Error ellipse: s-maj=7.7km s-min=5.0km az=96.3 BUJ 01 22:06:11.7, 0.0, 52.50N; 170.17W, h31km, mb5.1/32, mb4.8/52, Ms4.8/37, Ms7.4/6/34

NEIC 01 22:06:12.3, 1.5, 52.17N; 0.07, 169.63W, 0.09, h37km, 6km, Error ellipse: s-maj=10.7km s-min=5.9km az=153.0 GCMT 01 22:06:13.0, 0.3, 51.94N; 0.02, 169.49W, 0.03, h17km, 1km, MW5, 0/97, Moment Tensor Solution, s1, c66, s97, c145, Duration: 0. Moment tensor: Scale 10^19Nm; M1, 2.81+15; M2, -2.76+11; M3, 0.04+09; M4, 2.83+30; M5, -1.26+06; M6, 1.60+28; Best double couple: Mo, 4.44900, 1.0216; NP1, s257.00000, s22.00000, l103.00000. NP2: s62.00000, s69.00000, l85.00000. Principal axes: T 4.2460, Plg66.0000, Azm323.0000; N 0.4080, Plg5.0000, Azm64.0000; P -4.6510, Plg23.0000; Azm156.0000; ns1a1 refers to body waves, cutoff=40s. ns1a2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 01 22:06:11.0, 0.4, 52.11N; 0.07, 169.63W, 0.04, h30km, n685, r1512/681, mb4.7/180, MS4, 3/46, 10C2-27D, Fault plane solution: NP1, s41.55678, s67.75468, l94.67423. NP2, s209.36955, s22.70668, l78.73223. Principal axes: T 17.666, 9250, Azm320.0110; N 19.43256, Azm219.7839; P 19.222, 6195, Azm127.9778; Fox Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NIKH Nikolski High, OKSP Okmok Steeple, etc.

INK	comp=Z,612nm,21.8s,baz=232,slow=38	LR	LR	22 20 53.7	
INK	Inuvik 23.65 33 P	P	P	22 11 17.6 -1.7	
INK	comp=Z,8.0nm,0.8s	P	P		
INK	Inuvik 23.65 33 P	P	P	22 11 17.6 -1.7	
INK	Inuvik 23.65 33 P	P	P	22 11 17.6 -1.7	
C36M	Paulatuk 27.23 34 P	P	P	22 11 52.7 +0.9	
B05A	Bryant 30.25 78 P	P	P	22 12 20.8 +2.0	
YUK	Yuzh-Kuril'sk 30.40 273 eP	P	P	22 12 21.2 +1.0	
YUK	e	e	e	22 13 19.3	
YUK	ePPP	PPP	PPP	22 13 30.7	
YUK	eS	S	S	22 17 19.7 +0.9	
YUK	eSS	S	S	22 18 59.3 +0.1	
YUK	eSSS	S	S	22 19 15.0	
YUK	MLR	MLR	MLR		
YKA	comp=Z,305nm,19.0s				
YKA	Yellowknife Ar 30.54 48 P	P	P	22 12 22.2 +1.0	
YKA	comp=Z,4.2nm,0.8s,baz=273,slow=16	LR	LR	22 26 51.6	
YKA	comp=Z,11um,18.9s,baz=0,slow=41	LR	LR	22 12 21.1 -0.1	
YKA	Yellowknife Ar 30.54 48 P	P	P	22 12 21.1 -0.1	
D05A	Enumclaw 30.79 80 P	P	P	22 12 24.6 +1.0	
D05A	comp=Z,19nm,1.0s	I	I	22 12 38.7	
B08A	Colville Reser 31.87 76 P	P	P	22 12 33.7 +0.5	
B08A	comp=Z,9.1nm,1.0s	I	I	22 12 46.6	
JKA	Kamikawa-asahi 32.37 275 P	P	P	22 12 36.9 -0.6	
ASAJ	Asahikawa 32.37 275 P	P	P	22 12 38.2 +0.7	
ASAJ	comp=Z,19nm,0.9s,baz=32,slow=3.5,SNR=25	LR	LR	22 26 05.8	
ASAJ	Asahikawa 32.37 275 P	P	P	22 12 36.9 -0.6	
ASAJ	comp=Z,19nm,0.9s	P	P		
HAWA	Hanford 32.65 80 P	P	P	22 12 40.0 -0.1	
HAWA	comp=Z,11nm,1.1s	I	I	22 12 57.2	
C09A	Christman Ranch 32.75 77 P	P	P	22 12 40.9 0.0	
C09A	comp=Z,9.3nm,1.1s	I	I	22 12 54.0	
TIXI	Tiksi 32.87 329 LR	LR	LR	22 27 28.1	
E08A	Dider Farm, El 32.89 79 P	P	P	22 12 42.5 +0.4	
E08A	comp=Z,18nm,1.4s	I	I	22 12 59.1	
GRNR	Gornyy 33.01 290 iP	P	P	22 12 42.7 -0.4	
GRNR	comp=Z,10.0nm,0.8s	P	P		
GRNR	comp=E,370nm,16.0s	MLR	MLR		
GRNR	comp=N,100nm,15.0s	MLR	MLR		
GRNR	comp=Z,410nm,16.0s	MLR	MLR		
YBH	Yreka Blue Hor 33.15 89 LR	LR	LR	22 23 08.5	
ERM	Erino 33.16 271 P	P	P	22 12 45.0 +0.5	
ERM	comp=Z,19nm,1.2s	I	I	22 12 57.5	
ERM	Erino 33.16 271 P	P	P	22 12 45.0 +0.5	
ERM	comp=Z,19nm,1.1s	I	I	22 12 57.5	
YAK	Yakutsk 33.22 311 P	P	P	22 12 43.2 -1.6	
YAK	comp=Z,2.4nm,0.4s,baz=206,slow=2.6,SNR=7.7	LR	LR	22 26 35.6	
YAK	Yakutsk 33.22 311 eP	P	P	22 12 43.0 -1.8	
YAK	e	e	e	22 12 52.8 +0.7	
YAK	e	e	e	22 13 51.6	
YAK	eS	S	S	22 15 26.4	
YAK	eSS	S	S	22 18 00.8 -1.6	
YAK	eSSS	S	S	22 19 58.5 -4.6	
YAK	22 23 06.0				
YAK	comp=Z,12nm,0.9s	P	P		
YAK	comp=N,2.0nm,1.1s	P	P		
YAK	comp=E,2.0nm,1.0s	P	P		
YAK	comp=Z,36nm,2.7s	P	P		
YAK	comp=E,7.0nm,2.0s	P	P		
YAK	comp=N,18nm,2.0s	P	P		
YAK	comp=N,12nm,2.0s	P	P		
YAK	comp=E,9.0nm,2.0s	P	P		
YAK	comp=Z,684nm,17.0s	P	P		
YAK	comp=E,387nm,15.0s	P	P		
YAK	comp=N,258nm,17.0s	P	P		
YAK	Yakutsk 33.22 311 P	P	P	22 12 43.3 -1.4	
YAK	comp=Z,12nm,0.9s	P	P	22 12 45.7 +0.6	
NEW	Newport 33.23 75 P	P	P	22 12 45.7 +0.6	
NEW	comp=Z,6.1nm,0.9s,baz=301,slow=8.5,SNR=6.4	LR	LR	22 24 23.2	
NEW	Newport 33.23 75 P	P	P	22 12 45.2 +0.1	
NEW	comp=Z,8.0nm,1.0s	P	P		
NEW	Newport 33.23 75 P	P	P	22 12 45.2 +0.1	
NEW	comp=Z,8.2nm,0.9s	P	P	22 12 46.1 +1.0	
EDM	Edmonton 33.40 65 P	P	P	22 12 46.9 +0.3	
EDM	comp=Z,19nm,0.8s	P	P		
EDM	Edmonton 33.40 65 P	P	P	22 12 46.9 +0.3	
F10A	Beach Ranch, E 34.25 79 P	P	P	22 12 54.0 -0.1	
F10A	comp=Z,684nm,17.0s	I	I	22 13 10.0	
BMO	Blue Mountains 34.77 81 P	P	P	22 12 59.8 +1.2	
BMO	comp=Z,10.0nm,1.5s	I	I	22 13 14.9	
BMO	Blue Mountains 34.77 81 P	P	P	22 12 59.8 +1.2	
BMO	comp=Z,9.9nm,1.5s	I	I	22 13 14.9	
WALA	Waterton Lakes 34.78 72 P	P	P	22 12 59.7 +1.1	
WALA	comp=Z,6.4nm,0.9s	I	I	22 13 11.5	
J08A	Circle Bar Ran 34.85 84 P	P	P	22 12 59.8 +0.5	
J08A	comp=Z,8.2nm,1.2s	I	I	22 13 16.8	
MSO	Missoula 35.81 76 P	P	P	22 13 07.4 -0.1	
MSO	comp=Z,16nm,1.4s	I	I	22 13 25.6	
MSO	Missoula 35.81 76 P	P	P	22 13 08.2 +0.7	
KLR	Kul'dur 36.39 289 P	P	P	22 13 11.7 -0.6	
KLR	comp=Z,3.5nm,0.4s,baz=71,slow=6.1,SNR=19	P	P	22 13 11.6 -0.7	
KLR	Kul'dur 36.39 289 eP	P	P		
KLR	comp=Z,5.0nm,0.9s	P	P		
ZEA	Zeya 36.98 298 eP	P	P	22 13 16.5 -0.7	
ZEA	comp=Z,10.0nm,0.7s	P	P		
ZEA	comp=E,200nm,17.0s	MLR	MLR		
ZEA	comp=Z,300nm,16.0s	MLR	MLR		
H11N2	WAKE ISLAND Hy 37.15 218 T	T	T	22 53 11.8	
H11N3	WAKE ISLAND Hy 37.16 218 T	T	T	22 53 14.5	
H11N1	WAKE ISLAND Hy 37.17 218 T	T	T	22 53 16.9	
HLID	Hailey 37.22 81 P	P	P	22 13 20.1 +0.4	
HLID	Hailey 37.22 81 P	P	P	22 13 19.6 0.0	
DLMT	Dillon 37.36 77 P	P	P	22 13 21.7 +1.0	
DLMT	McKenzie Canyo 37.49 78 P	P	P	22 13 22.1 +0.1	
RYN	Ryan 37.56 90 P	P	P	22 13 23.4 +0.8	
EGMT	Eagleton 37.70 72 P	P	P	22 13 23.7 +0.1	
EGMT	Eagleton 37.70 72 P	P	P	22 13 23.9 +0.3	

BOZ	comp=Z,299,SNR=14	P	P	22 13 24.3 -0.4	
BOZ	Bozeman (W) 37.82 76 P	P	P	22 13 24.3 -0.4	
BOZ	comp=Z,7.0nm,1.2s	P	P		
BOZ	Bozeman (W) 37.82 76 P	P	P	22 13 24.2 -0.4	
BOZ	comp=Z,1.6nm,0.8s,baz=295,slow=8.2,SNR=8.5	P	P	22 13 24.4 -0.2	
NVAR	Mina Array Bea 37.82 90 P	P	P	22 13 25.7 +0.9	
NVAR	comp=Z,1.30nm,20.5s,baz=290,slow=31	LR	LR	22 25 50.3	
NVAR	Mina Array Bea 37.82 90 P	P	P	22 13 24.3 -0.5	
H11S1	WAKE ISLAND Hy 38.34 218 T	T	T	22 54 35.3	
H11S2	WAKE ISLAND Hy 38.35 218 T	T	T	22 54 36.3	
H11S3	WAKE ISLAND Hy 38.35 218 T	T	T	22 54 42.3	
JYT	Yasato 38.50 266 P	P	P	22 13 31.3 +1.0	
JYT	comp=Z,24nm,1.2s	I	I	22 13 48.5	
JSD	Sado 38.55 270 P	P	P	22 13 30.0 -0.6	
JSD	comp=Z,1.1nm,0.9s	I	I	22 13 56.1	
YHH	Holmes Hill 38.71 77 P	P	P	22 13 32.4 +0.1	
YHH	comp=Z,9.4nm,0.8s	I	I	22 13 45.0	
USRK	Ussuriysk Ar 38.79 282 P	P	P	22 13 32.6 0.0	
USRK	comp=Z,9.0nm,0.8s,baz=379,slow=12,SNR=3.0	P	P	22 13 31.3 -1.3	
USRK	Ussuriysk Ar 38.79 282 P	P	P	22 13 31.3 -1.3	
USRK	Ussuriysk Ar 38.79 282 P	P	P	22 13 33.7 +0.2	
YNR	Norris Junction 38.85 77 P	P	P	22 13 46.8	
IMW	Indian Meadow 39.15 78 P	P	P	22 13 35.8 -0.1	
HVU	Hansel Valley 39.22 82 P	P	P	22 13 36.7 +0.2	
HVU	comp=Z,4.0nm,0.8s	P	P		
HVU	Hansel Valley 39.22 82 P	P	P	22 13 36.7 +0.2	
RLMT	Red Lodge 39.48 75 P	P	P	22 13 39.6 +0.9	
RLMT	comp=Z,11nm,0.9s	P	P	22 13 51.7	
RLMT	Red Lodge 39.48 75 P	P	P	22 13 39.6 +0.9	
REDW	Red Top Meadow 39.49 79 P	P	P	22 13 39.4 +0.6	
MAJO	Matsushiro 39.52 268 P	P	P	22 13 38.6 -0.3	
MAJO	comp=Z,15nm,1.2s	P	P		
MAJO	Matsushiro 39.52 268 P	P	P	22 13 38.6 -0.3	
MAJO	comp=Z,15nm,1.1s	P	P	22 14 02.9	
MAT	Matsushiro 39.52 268 P	P	P	22 13 38.5 -0.4	
MAT	comp=Z,12nm,1.1s	P	P	22 14 04.1 +1.2	
MJAR	Matsushiro Arr 39.52 268 P	P	P	22 13 38.6 -0.2	
MJAR	comp=Z,2.5nm,0.9s,baz=44,slow=7.2,SNR=10	LR	LR	22 29 41.5	
MJAR	Matsushiro Arr 39.52 268 P	P	P	22 13 38.3 -0.6	
MJAR	comp=Z,3.0nm,1.0s	P	P		
MJAR	Matsushiro Arr 39.52 268 P	P	P	22 13 38.3 -0.6	
AHD	Auburn Hatcher 39.58 80 P	P	P	22 13 40.0 +0.1	
AHD	comp=Z,14nm,1.2s	I	I	22 13 57.1	
FURC	Furnace Creek, baz=310 39.95 92 P	P	P	22 13 43.4 +1.1	
TPNV	Topopah Spring 40.02 91 P	P	P	22 13 43.5 +0.3	
TPNV	comp=Z,9.0nm,1.2s	P	P		
TPNV	Topopah Spring 40.02 91 P	P	P	22 13 43.5 +0.3	
TPNV	Topopah Spring 40.02 91 P	P	P	22 13 44.0 +0.8	
PRN	Pahroc Range 40.47 89 P	P	P	22 13 47.6 +0.7	
PRN	comp=Z,8.6nm,1.0s	I	I	22 14 05.7	
PSUT	Pine Spring 40.50 87 P	P	P	22 13 47.5 +0.3	
BW06	Boulder Array 40.61 79 P	P	P	22 13 47.7 -0.4	
BW06	comp=Z,8.4nm,0.9s	I	I	22 13 50.0	
BW06	Boulder Array 40.61 79 P	P	P	22 13 48.2 0.0	
PD31	Pinedale Array 40.61 79 P	P	P	22 13 48.0 -0.1	
PD31	comp=Z,7.5nm,0.9s	I	I	22 13 50.0	
PDAR	Pinedale Array 40.61 79 P	P	P	22 13 48.2 +0.1	
PDAR	comp=Z,7.8nm,0.9s,baz=306,slow=5.0,SNR=41	LR	LR	22 29 02.1	
PDAR	Pinedale Array 40.61 79 P	P	P	22 13 47.9 -0.2	
JGF	Kuroka 40.66 267 P	P	P	22 13 49.0 +0.6	
JGF	comp=Z,40nm,1.8s	I	I	22 14 12.1	
NLU	North Lily Min 40.73 84 P	P	P	22 13 49.3 +0.3	
TMUT	Trail Mountain 41.66 84 P	P	P	22 13 57.1 +0.3	
GMRC	Granite Mounta 41.79 93 P	P	P	22 13 58.5 +0.8	
BOD	Bodaibo 42.03 309 eP	P	P	22 13 58.0 -1.2	
BOD	comp=Z,11nm,0.8s	P	P		
JWT	Wachi 40.27 269 P	P	P	22 13 59.8 0.0	
JWT	comp=Z,8.5nm,1.0s	I	I	22 14 02.1	
BELC	Belle Mtn. Jos 42.10 94 P	P	P	22 14 00.1 -0.3	
SRU	San Rafael Swe 42.19 84 P	P	P	22 14 01.8 +0.7	
SRU	comp=Z,7.0nm,1.0s	P	P		
SRU	San Rafael Swe 42.19 84 P	P	P	22 14 01.8 +0.7	
SRU	comp=Z,7.5nm,1.0s	P	P	22 14 26.9	
K22A	Casper 42.51 77 P	P	P	22 14 03.1 -0.5	
K22A	comp=Z,10nm,1.1s	I	I	22 14 15.5	
K22A	Casper 42.51 77 P	P	P	22 14 03.8 +0.2	
IRM	Iron Mountain 42.52 93 P	P	P	22 14 03.6 0.0	
W13A	Hualapai Mount 42.67 91 P	P	P	22 14 05.2 +0.2	
U15A	North Rim 42.79 88 P	P	P	22 14 06.8 +0.7	
U15A	comp=Z,14nm,1.2s	I	I	22 14 23.1	
O20A	White River Ci 42.96 81 P	P	P	22 14 07.5 +0.2	
HIA	Hailar 43.21 296 P	P	P	22 14 08.6 -0.4	
HIA	comp=Z,9.0nm,0.9s	I	I	22 14 09.6	
HIA	Hailar 43.21 296 P	P	P	22 14 08.6 -0.4	
HIA	comp=Z,8.9nm,0.9s	I	I	22 14 09.6	
PV21	Cone Mtn., Par 43.48 83 P	P	P	22 14 11.9 +0.3	
MDND	Maddock 43.64 67 P	P	P	22 14 12.9 +0.5	
N23A	Red Feather La 43.90 79 P	P	P	22 14 15.9 +1.0	
N23A	comp=Z,9.3nm,1.0s	I	I	22 14 17.5	
WUAZ	Wupatki 43.95 88 P	P	P	22 14 15.4 +0.2	
WUAZ	comp=Z,9.5nm,1.1s	I	I	22 14 17.5	
WUAZ	Wupatki 43.95 88 P	P	P	22 14 16.3 +1.0	
Y14A	Wickenburg 43.99 91 P	P	P	22 14 15.2 -0.3	
Y14A	comp=Z,6.4nm,0.9s	I	I	22 14 17.3	
ULM	Lac du Bonnet 44.41 62 P	P	P	22 14 19.2 +0.6	
ULM	comp=Z,5.1nm,0.9s,baz=304,slow=13,SNR=3.0	LR	LR	22 34	

ellipse: s-maj=33.8km s-min=20.0km az=159.0
AEIC 01 22:19:57.2.7.51.99N.0.07.169.56W.0.09.4h2km.6km,
Error ellipse: s-maj=9.6km s-min=7.6km az=166.0
NEIC 01 22:19:57.4.2.0.52.00N.0.04.169.56W.0.1.1h2km.6km,
mb3.8/31,ML3.3(AEIC),Error ellipse: s-maj=10.6km
s-min=2.2km az=120.0
ISC 01 22:19:56.3.1.8.51.95N.0.09.169.52W.0.07.0.1h18km.7km,
n81.1/09/81,mb3.9/10, Fox Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including VOI, ABPO, MAW, MBAR, SNA, etc.

IDC 01 22:33:53.1.3.0.36.16S.52.20E, h0km, mb3.8/3,
mb1.4/0.3, mb1mx3.5/38, mbtmp3.8/3, Error ellipse:
s-maj=252.6km s-min=32.2km az=27.0, Southwest
Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including H01W2, H01W3, H01W1, etc.

IDC 01 22:59:17.4.1.3.20.14S.66.35E, h0km, mb3.8/7,
mb1.4/0.7, mb1mx3.6/49, mbtmp3.8/7, MS3.8/14,
Ms1.3.8/14, ms1mx3.6/28, Error ellipse: s-maj=41.6km
s-min=25.0km az=65.0

NEIC 01 22:59:18.5.2.2.20.14S.0.06.66.1E.0.2.1h10km.1km,
mb4.3/15, Error ellipse: s-maj=27.1km s-min=8.6km
az=282.0

ISC 01 22:59:18.2.0.8.20.1S.0.1.66.0E.0.2.1h10km.n39,
c110/27, mb4.2/15, MS3.9/13, Mauritius-Reunion region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including H08S1, H08S2, H08S3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including SONM, KRSR, MJAR, etc.

HEL 01 23:03:01.1.0.1.67.70N.33.67E, h0km, ML2.3, Explosion
IDC 01 23:03:02.8.2.0.67.72N.33.50E, h0km, mb1.3.3/5,
mb1mx3.0/50, mbtmp3.5/5, ML2.2/4, Error ellipse:
s-maj=21.6km s-min=10.1km az=81.0

ISC 01 23:02:56.0.9.67.63N.0.04.33.58E.0.04, h0km, n22,
c165/42, 2C, Baltic States-Belarus-Northwestern
Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including LVZ, VRR, VRF, etc.

IDC 01 23:04:34.8.1.0.24.28N.127.17E, h0km, mb3.7/8,
mb1.3.8/10, mb1mx3.5/46, mbtmp3.7/10, ML3.5/2, Error
ellipse: s-maj=37.6km s-min=18.4km az=81.0

JMA 01 23:04:39.0.2.0.24.51N.127.04E, h103km, M3.3
ISC 01 23:04:35.3.0.9.24.29N.0.05.127.22E.0.03, h31km, n38,
c283/55, mb3.6/9, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including JOGS, JMWJ, JMKM, etc.

IDC 01 22:30:53.5.1.1.37.55S.1.23E, h0km, mb3.8/5,
mb1.3.9/5, mb1mx3.6/37, mbtmp3.8/5, MS3.3/1, Ms1.3.2/1,
ms1mx2.8/29, Error ellipse: s-maj=35.5km s-min=31.6km
az=19.0
NEIC 01 22:30:55.4.1.3.37.69S.0.08.51.2E.0.1.1h10km.1km,
mb4.5/14, Error ellipse: s-maj=21.9km s-min=6.0km
az=126.0
ISC 01 22:30:56.1.0.7.37.6S.0.1.51.2E.0.2, h16km, n25,
c0583/20, mb4.1/9, South Indian Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including ZAAO, ZALV, ZARU, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations including JOW, JOWJ, JOWK, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include JTAJ, JNU, KLR, SONM, MKAR, ZALV, WRA, KURBB, ASAR, FINES, GERES.

VAO 01 23:32:12.0±0.3, 16°34'S-65°34'W, h10km, mb4.1, Central

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include LPAZ, PTLB, VILB, LVC, ETMB, SALV, AQDB, CLDB, CZSB, MACA.

CGC 01 23:34:50.1±0.3, 14°53'N-91°41'W, h333km, 266km, MD4.5
NET 01 23:35:03.8±0.1, 17°39'N-90°52'W, h211km, MW4.5
SNET 01 23:35:04.8±0.1, 14°69'N-90°39'W, h212km, 42km, ML4.0
IDC 01 23:35:06.0±0.6, 14°87'N-90°80'W, h121km, 4km, mb3/8/20,
mb1 3.9/22, mb1mx3.8/44, mbtmp4.2/22, Error ellipse:
s-maj=18.1km s-min=7.9km az=57.0
NEIC 01 23:35:06.1±0.3, 14°81'N-90°07'91.08W, h205km, 4km,
mb4.7/145, Error ellipse: s-maj=11.7km s-min=7.4km
az=213.0
UCR 01 23:35:06.7±0.1, 14°70'N-90°74'W, h215km, 8km, ML3.5,
MW3.9, mb4.7(NEIC)

ISC 01 23:35:05.4±0.5, 14.79°N, 0°05.90'98W, 0.05, h211km, 3km,
n370, r1912/378, mb4.6/82, C2-4D, Guatemala

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include FUG, PCG, NBG, HUEH, RTAL, MRL, MRM, SLOZ, NUBE, RTR, RTR, ESQI, MTO3, MTO3, MTO3, CCIG, SNET, LFRS, SJTE, PJTE, TLGH, CRIN, CNGN, ACON, HZTE, ORTG, ESPN, DUNO, JTS, COVE, CAO2, TLIG, RIFO, HDC, LCR2, CVTR, RIMA, CDM, PEZE, UNM, SRBA, DRKO, DRKO, EDPN, PIRO, CADO, MORG, SOR, CBCY, BCIP, MTDJ, ZAIG, 061Z, GTBY, SJCC, DBBC, 653A, 656A, UREC, ZARC, HELO, PLMC, 352A, SMLC, TIGA, YOTC, LGNH, CRJC, GUY2C.

Table with columns: WHXT, NORC, ANIL, TOCAC, OCAC, GBAOC, TXAR, TXAR, TXAR, TXAR, URIC, URIC, URIC, ORTC, SOTA, PCOR, MARP, OTAV, OTAV, OTAV, GCUF, TULM, ROSC, ROSC, Z51A, BARC, SDDR, SDDR, PAMA, ABTX, Y49A, BETA, RUSC, RUSC, GOGA, GOGA, MIAR, MIAR, SC01, X48A, Y52A, GRTK, W39A, W39A, NHSC, NHSC, SDV, SDV, SDV, SDV, HODGE, HODGE, FCAR, DR12, FNO, W52A, W52A, LCAR, V48A, CPCT, BG3, BG3, Y57A, WVT, WVT, TUL1, OK025, U40A, U40A, U40A, HHAR, HHAR, PTLCL, CLTN, OK031, V51A, TKL, TKL, PBMO, Y59A, KMSC, KMSC, MGMO, MGMO, W57A, W57A, TZTN, TZTN, Y57A, Y57A, S44A, S44A, S44A.

Table with columns: SIUC, SIUC, S39A, S39A, KAN17, KAN17, U54A, U54A, CCM, CCM, KAN08, KAN08, C400, C400, S51A, S51A, WCI, WCI, R49A, R49A, SJG, SJG, GCPR, GCPR, R50A, R50A, BLA, BLA, HUMP, HUMP, ANMO, ANMO, T57A, T57A, MTP, MTP, P40A, P40A, KSU1, KSU1, KSU1, KSU1, P46A, P46A, T59A, T59A, Q52A, Q52A, R55A, R55A, JSRW, JSRW, Q54A, Q54A, SFIN, SFIN, R58B, R58B, R58B, R58B, ACOS, ACOS, ACOS, ACOS, Q56A, Q56A, O53A, O53A, O53A, O53A, O54A, O54A, N53A, N53A, N53A, N53A, O56A, O56A, N54A, N54A, M53A, M53A, SSPA, SSPA, SSPA, SSPA, CZSB, CZSB, M57A, M57A, LUPA, LUPA, BBSR, BBSR, PAL, PAL, PAL, PAL, BINY, BINY, BINY, BINY, SPMN, SPMN, SPMN, SPMN, SADO, SADO, SADO, SADO, E43A, E43A, K61A, K61A, DELO, DELO, DELO, DELO, PDAR, PDAR, HRV, HRV, HRV, HRV, I59A, I59A, NCB, NCB, K63A, K63A, K63A, K63A, BOAV, BOAV, I60A, I60A, J62A, J62A.

2015 AUG

Table with columns: HD, Station Name, Azimuth, Elevation, P, I, A, M, B, Time, Res. Includes stations like 52a Ohls, 52b Gabriels, LONY Lake Ozonia, etc.

Table with columns: EUNU, EUREKA, ESCD, NOA, KOWA, KOWA, SENIN, ARCES, ARCES, TUE, COLL, ZCCA, ZCCA, GERE, TOR, BOS, MAW, MAW, WRA, WRA, ASAR, ASAR, ASAR, QIZ, QIZ, CMAR, CMAR, GEN, ROM, Code, Station Name, Azimuth, Elevation, P, I, A, M, B, Time, Res. Includes stations like EUREKA, ESCD, NOA, KOWA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, P, I, A, M, B, Time, Res. Includes stations like IDC 02 00:03:60.0, 2.4, 45.92N, etc.

Table with columns: JWD, Wachi, Time, Res, etc. Includes stations like Alice Springs, Alice Springs, Alice Springs, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Alice Springs, Alice Springs, Alice Springs, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Alice Springs, Alice Springs, Alice Springs, etc.

OSPL 02 01:13:29.6z, 1.7, 52N:69.88W, h6km, 15km, ML3.2

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like San Cristobal, Santo Domingo, Santa Lucia, etc.

IDC 02 01:19:52.7z, 1.1, 52.08N:169.94W, h0km, mb3.7/10, mb1.3/9.12, mb1mx3.7/35, mbmp3.7/12, ML3.4/2, Error ellipse: s-maj=32.2km s-min=19.2km az=175.0

NEIC 02 01:19:57.4z, 2.1, 52.03N:105.169.48W, 0.07, h27km, 7km, Error ellipse: s-maj=7.4km s-min=6.2km az=178.0

AEIC 02 01:19:58.1z, 52.12N:106.169.50W, 0.06, h36km, 7km, ML3.3, Error ellipse: s-maj=8.9km s-min=4.9km az=188.0

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Alice Springs, Alice Springs, Alice Springs, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like WAKE ISLAND, WAKE ISLAND, WAKE ISLAND, etc.

IDC 02 01:41:14.5z, 1.9, 6.54S:129.94E, h137km, 20km, mb3.7/2, mb1.3/8.5, mb1mx3.3/33, mbmp4.2/5, Error ellipse: s-maj=26.9km s-min=14.0km az=117.0

NEIC 02 01:41:14.7z, 1.8, 6.57S:130.00E, 0.1, h201km, 10km, mb4.0/3, Error ellipse: s-maj=15.4km s-min=10.4km az=77.0

IDC 02 01:41:14.1z, 1.0, 7.656S:106.12997E, 0.09, h200km, n18, az=278/22, mb3.9/5, Banda Sea

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

IDC 02 01:52:44.0z, 6.0, 29.77N:131.161E, h0km, mb4.1/16, mb1.4/2.24, mb1mx1.4/46, mbmp4.1/24, ML3.8/6, MS3.2/12, Ms1.3/3.12, ms1mx3.0/44, Error ellipse: s-maj=18.8km s-min=13.5km az=79.0

NEIC 02 01:52:46.6z, 1.6, 29.73N:131.60E, 0.08, h10km, 1km, mb4.3/4.2, Error ellipse: s-maj=12.3km s-min=9.5km az=82.0

JMA 02 01:52:48.0z, 0.1, 29.75N:131.70E, h55km, 3km, M4.1, ISC 02 01:52:45.7z, 1.2, 29.74N:131.64E, 0.04, h8km, 13km, n108, e1503/110, mb4.4/26, MS3.3/8, 1D, Southeast of Ryukyu Islands

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

ASAJ	Asahikawa	16.79 28	LR	LR	02 03 43.4
KLR	Kul'dur	19.47 0	P	P	01 57 13.4 +0.5
KLR	comp=2.0,2nm,0.3s,baz=183,slow=9.9,SNR=7.9				02 04 42.8
GUMO	Guam	20.20 140	LR	LR	02 03 50.9
SOMN	Somgino Array	26.53 320	P	P	01 58 23.1 -0.8
SONM	comp=2.1,4nm,0.5s,baz=137,slow=12,SNR=6.5				02 10 40.2
SONM	comp=2.67nm,19.9s,baz=25.5,slow=4.1				
SONM	Somgino Array	26.53 320	Iamb	Iamb	01 58 26.5
PETK	Petropavlovsk	30.14 32	LR	LR	02 11 39.2
CMAR	Chiang Mai Arr	31.79 257	LR	LR	02 11 42.7
H112	WAKE ISLAND Hy 33.42	99 T	T	T	02 34 56.9
H111	WAKE ISLAND Hy 33.42	99 T	T	T	02 34 52.2
H113	WAKE ISLAND Hy 33.44	99 T	T	T	02 34 50.9
H113	WAKE ISLAND Hy 33.77	101 T	T	T	02 36 18.1
H111	WAKE ISLAND Hy 33.77	101 T	T	T	02 36 21.1
H1152	WAKE ISLAND Hy 33.70	101 T	T	T	02 36 24.8
ZALV	Zalesovo Beam	41.42 319	LR	LR	02 19 41.4
MK31	Makanchi Array	41.59 308	P	P	02 00 33.1 -1.0
MKAR	Makanchi Array	41.59 308	P	P	02 00 33.5 -0.6
MKAR	comp=2.2,4nm,0.8s,baz=101,slow=10,SNR=16				
WRAB	Tennant Creek	49.45 177	P	P	02 01 37.1 +0.6
WRA	Warramunga Arr	49.46 177	P	P	02 01 37.0 +0.4
WRA	Warramunga Arr	49.46 177	Iamb	Iamb	02 01 38.1
WR0	Warramunga Arr	49.49 176	P	P	02 01 37.1 +0.3
BRVK	Borovyoye	49.83 316	Iamb	Iamb	02 01 42.0
BRVK	comp=2.3,2nm,0.8s				
KK31	Karatay Array	49.94 303	P	P	02 01 39.8 -0.3
KK31	comp=2.2,6nm,0.7s				
KKAR	Karatay Array	49.94 303	P	P	02 01 39.3 -0.8
AS31	Alice Springs	53.14 177	P	P	02 02 06.2 0.0
AS31	comp=2.1,4nm,0.7s				
ASAR	Alice Springs	53.14 177	P	P	02 02 05.0 +0.8
ABKAR	Abkutak Arr	56.51 212	P	P	02 02 28.2 -0.1
ARU	Art	56.56 320	P	P	02 02 27.0 +0.1
MDM	Murphy Dome	59.33 29	P	P	02 02 48.4 +0.4
MDM	comp=2.3,1nm,1.0s				
ILAR	Elison Array	59.92 29	P	P	02 02 50.7 -1.3
GEYT	Alibeck	60.19 299	LR	LR	02 34 07.8
STKA	Stevens Creek	62.00 170	P	P	02 03 07.6 +1.2
INK	Inuvik	64.47 24	P	P	02 03 22.9 +0.5
ARCES	ARCESS Array B	67.85 339	P	P	02 03 44.2 +0.1
ARCES	comp=2.1,9nm,0.7s,baz=60,slow=7.2,SNR=8.4				
ARCES	comp=2.29nm,19.1s,baz=305,slow=42				
KFBZ	Khabaz	69.28 309	P	P	02 03 54.5 +1.0
KFBZ	comp=2.3,1nm,0.8s,baz=96,slow=2.7,SNR=6.4				
FINES	FINES Array B	71.30 322	P	P	02 04 05.3 -0.2
AKASG	Malin Array B	74.81 320	P	P	02 04 26.3 -0.2
AKASG	comp=2.2,2nm,0.5s,baz=52,slow=6.1,SNR=13				
AKASG	comp=2.37nm,18.7s,baz=75,slow=39				
AKASG	Malin Array B	74.81 320	Iamb	Iamb	02 04 27.0
BRTR	Keskin Array B	77.24 308	P	P	02 04 41.3 +0.5
NSB	NORSAR Subarra	77.48 335	P	P	02 04 40.5 -1.1
NOA	NORSAR Array B	77.48 335	P	P	02 04 40.8 -0.7
NOA	comp=2.3,1nm,0.8s,baz=90,slow=4.3,SNR=15				
KOLS	Kolonicec sedl	79.58 321	eP	P	02 04 54.0 +0.6
OJC	Ojcow	80.19 323	eP	P	02 04 57.5 +0.9
LANS	Liptovska Anna	80.98 322	eP	P	02 05 02.8 +1.0
KSVI	Kispatov	81.63 325	eP	P	02 05 05.2 +1.9
MORC	Moravsky Berou	81.63 323	eP	P	02 05 05.4 +1.0
VYHS	Vyhne	81.70 322	eP	P	02 05 06.0 +1.3
OSTC	Ostas	81.84 324	eP	P	02 05 06.5 +1.1
KRLC	Kraliky	81.84 324	eP	P	02 05 06.4 +0.9
CHVC	Chvalec	81.90 324	eP	P	02 05 07.0 +1.2
DPC	Dobruska-Polom	81.91 324	eP	P	02 05 06.1 +0.3
JAVC	Jetka Javorina	82.11 322	eP	P	02 05 07.2 +2.3
VRAC	Vranov	82.41 323	eP	P	02 05 09.6 +1.2
SMOL	Smolenice	82.45 322	eP	P	02 05 10.5 +1.9
MODS	Modra-Piesok	82.61 322	eP	P	02 05 12.2 +2.7
KRUC	Moravsky	82.66 323	eP	P	02 05 10.9 +1.2
CLL	Colim	82.96 326	iP	P	02 05 11.6 +0.4
PRU	Pruhonice	83.04 325	eP	P	02 05 12.7 +1.0
PBCC	Pribram	83.50 325	eP	P	02 05 14.5 +0.4
CONA	Conrad Observa	83.64 322	eP	P	02 05 16.5 +1.6
CKRC	Cesky Krumlov	83.89 324	eP	P	02 05 16.3 +0.2
KHC	Kasperske Hory	84.06 324	eP	P	02 05 17.5 +0.5
GERES	GERES Array B	84.18 324	P	P	02 05 18.0 +0.3
ARSA	Arzberg	84.26 322	eP	P	02 05 18.5 +0.6
ARSA	comp=2.4,5nm,1.1s				
MOA	Molin	84.52 323	eP	P	02 05 20.5 +1.2
SOKA	Soboth	84.52 322	eP	P	02 05 22.1 +1.0
SOKA	comp=2.9,5nm,1.2s				
OBKA	Obir	85.85 322	eP	P	02 05 24.4 +1.4
NVAR	Minia Array Bea	85.92 48	P	P	02 05 27.4 +0.6
PDAR	Pinedale Array	88.55 40	P	P	02 05 40.3 +0.8
TORD	Tordi Arr Bea	115.62 304	PKIP	PKIP	02 11 28.7 -0.6
TORD	comp=2.0,2nm,0.4s,baz=30,slow=0.5,SNR=4.4				

WEL 02 02:08:00.0:3.40'S:2°17'5E',h65km,5km,M3.3/71, ML3.5/71,MLV3.3/71,Error ellipse: s-maj=0.0km s-min=0.0km az=111.2, North Island

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
WAZ	Wanganui	0.23 48	S	Pn	02 08 11.8 +1.1
WAZ	comp=2.0,2nm,0.3s,baz=183,slow=9.9,SNR=7.9				02 08 11.8 +1.1
OHWZ	Ohakea	0.52 126	P	Pn	02 08 14.1 +1.1
OHWZ	comp=2.0,2nm,0.3s,baz=183,slow=9.9,SNR=7.9				02 08 25.2 +3.0
LREZ	Lake Rotokare	0.53 328	P	Pn	02 08 14.0 +0.8
PREZ	Palmer Road	0.73 320	P	Pn	02 08 16.4 +0.9
MTVZ	Mangateitei	0.75 46	S	Pn	02 08 15.9 +0.2
MTVZ	comp=2.0,2nm,0.3s,baz=183,slow=9.9,SNR=7.9				02 08 15.9 +0.2
PKVZ	Pokaka	0.76 36	S	Pn	02 08 16.0 +1.0
PKVZ	comp=2.0,2nm,0.3s,baz=183,slow=9.9,SNR=7.9				02 08 28.2 +1.0
VRZ	Vera Road	0.78 359	P	Pn	02 08 16.2 +0.2
VRZ	comp=2.0,2nm,0.3s,baz=183,slow=9.9,SNR=7.9				02 08 29.3 +1.9
NHEZ	North Egmont	0.82 320	P	Pn	02 08 17.2 +0.8
DREZ	Durham Road	0.84 328	P	Pn	02 08 17.5 +0.7
KHEZ	Kahui Hut	0.84 316	P	Pn	02 08 17.4 +0.5
NMEZ	Namu Road	0.85 305	P	Pn	02 08 17.2 +0.4
NMEZ	comp=2.0,2nm,0.3s,baz=183,slow=9.9,SNR=7.9				02 08 31.8 +3.0
TRVZ	Turoa	0.85 45	P	Pn	02 08 17.4 +0.2
TRVZ	comp=2.0,2nm,0.3s,baz=183,slow=9.9,SNR=7.9				02 08 29.9 +0.3
WNVZ	Wahianoa	0.86 48	S	Pn	02 08 17.2 0.0
DRZ	Dome Shelter	0.88 45	S	Pn	02 08 17.9 +0.3
DRZ	comp=2.0,2nm,0.3s,baz=183,slow=9.9,SNR=7.9				02 08 31.7 +1.6
WHVZ	Whangehu Hut	0.89 46	P	Pn	02 08 17.6 0.0
FWVZ	Far West T-bar	0.89 48	P	Pn	02 08 17.5 -3.1
MHEZ	Mangaweka	0.90 337	P	Pn	02 08 18.4 +0.9
POWZ	Post Office Ro	0.91 123	P	Pn	02 08 18.0 +0.5
MOVZ	Moawhanga	0.91 57	P	Pn	02 08 17.7 0.0
TSZ	Takapari Road	0.93 100	P	Pn	02 08 18.0 +0.1
PKE	Pukeiti	0.93 319	P	Pn	02 08 18.1 +0.1
TUVZ	Tukino	0.94 47	P	Pn	02 08 18.3 +0.2

NBEZ	Newall Road No	0.94 312	P	Pn	02 08 18.3 +0.3
KIW	Kapiti Island	0.96 174	P	Pn	02 08 18.8 +0.5
OGWZ	Oldi Gorge	0.96 161	P	Pn	02 08 18.7 +0.5
NGZ	Ngauruhoe	0.97 42	P	Pn	02 08 18.5 -0.1
MRZ	Mangatainaka R	0.98 141	P	Pn	02 08 18.7 +0.3
TWVZ	Tauere	0.98 32	S	Pn	02 08 18.7 +0.3
SNVZ	South Ngauruho	0.98 43	S	Pn	02 08 32.3 +0.2
NVVZ	North Ngauruho	1.01 41	P	Pn	02 08 18.9 +0.1
WNVZ	West Tongariro	1.01 39	P	Pn	02 08 19.0 0.0
KVZ	Karewea	1.01 43	P	Pn	02 08 19.3 +0.2
ETVZ	East Tongariro	1.06 44	P	Pn	02 08 19.7 0.0
NTVZ	North Tongarir	1.07 41	P	Pn	02 08 19.8 0.0
TMVZ	Ti Maari	1.07 43	P	Pn	02 08 19.9 +0.1
BHHZ	Black Hill Sta	1.08 68	P	Pn	02 08 19.7 -0.1
PNHZ	Pukenui	1.10 91	P	Pn	02 08 20.0 -0.1
DUWZ	D'Urville Isla	1.10 216	P	Pn	02 08 20.4 +0.3
PRWZ	Porirua Road	1.13 126	P	Pn	02 08 20.4 0.0
DVHZ	Dannevirke	1.14 111	P	Pn	02 08 20.9 +0.2
HOWZ	Holdsword Sta	1.14 150	P	Pn	02 08 21.0 +0.3
KAWZ	Kakaramea	1.17 38	P	Pn	02 08 21.1 -0.1
TIWZ	Tintoko	1.22 118	P	Pn	02 08 22.9 +1.3
CAW	Cannon Point	1.22 169	P	Pn	02 08 21.7 +0.1
RITZ	Rihia Road	1.25 43	P	Pn	02 08 22.3 +0.2
KRHZ	Kereru	1.26 79	P	Pn	02 08 22.1 -0.1
WPHZ	Waipukurau	1.29 98	P	Pn	02 08 23.8 +1.2
RATZ	Rangitukia	1.30 37	P	Pn	02 08 22.9 +0.2
TCWZ	Tony Channel	1.35 196	P	Pn	02 08 23.7 +0.2
KWVZ	Kaweka Forest	1.36 70	P	Pn	02 08 23.7 +0.2
BFZ	Birch Farm	1.37 125	P	Pn	02 08 23.4 -0.2
MTW	Mout Morrison	1.37 156	P	Pn	02 08 23.8 +0.2
WEL	Wellington	1.38 190	P	Pn	02 08 23.7 0.0
PHZ	Porirua	1.41 32	P	Pn	02 08 24.9 +0.7
HATZ	Hairara	1.42 32	P	Pn	02 08 24.7 +0.4
ANWZ	Angora Road	1.42 113	P	Pn	02 08 24.6 -0.4
TMWZ	Ti Maipa	1.47 145	P	Pn	02 08 23.8 -1.2
PRHZ	Porangahau	1.48 105	P	Pn	02 08 23.9 -0.4
BHW	Baringhead	1.50 177	P	Pn	02 08 24.2 0.0
BKZ	Black Stump Fm	1.52 82	P	Pn	02 08 26.6 +0.6
WHTZ	Whakaora	1.54 37	P	Pn	02 08 25.6 -0.5
MSWZ	Moikau Station	1.55 167	P	Pn	02 08 27.0 +0.9
PAWZ	Paruru Farm	1.56 173	P	Pn	02 08 26.2 +0.1
MNZ	Manurewa	1.56 173	P	Pn	02 08 29.8 +0.3
PKZ	Panauiti	1.61 95	P	Pn	02 08 27.5 +0.2
KAHZ	Kahunaki	1.63 87	P	Pn	02 08 28.0 -0.2
KUTZ	Kaahu Road	1.64 30	P	Pn	02 08 27.5 +0.3
TUWZ	Tuaranira	1.65 202	P	Pn	02 08 26.8 -0.5
MRHZ	Matea Rd	1.67 51	P	Pn	02 08 26.8 -0.8
NNZ	Nelson	1.68 218	P	Pn	02 08 28.0 +0.2
TLVZ	Tolley Road	1.72 108	P	Pn	02 08 27.2 -0.9
PLWZ	Palliser	1.70 168	P	Pn	02 08 28.7 -0.1
WPRZ	Whakapaparin	1.76 38	P	Pn	02 08 28.9 -0.1
NMHZ	Naumai	1.77 64	P	Pn	02 08 29.5 +0.2
CKHZ	Cape Kidnapper	1.80 83	P	Pn	02 08 29.1 -0.8
ARHZ	Arapoanu	1.84 70	P	Pn	02 08 34.4 -0.1
HRZ	Handcock Road	1.92 38	P	Pn	02 08 30.0 -1.0
MTHZ	Maungataniwha	1.92 57	P	Pn	02 08 31.2 +0.1
BSWZ	Blackbirch Sta	1.93 200	P	Pn	02 08 30.5 -0.8
QRZ	Quartz Range	1.94 241	P	Pn	02 08 33.6 +0.8
RAHZ	Rarangi	2.05 62	P	Pn	02 08 32.7 -1.4
RRRZ	Rangitikeia Roa	2.08 42	P	Pn	02 08 31.0 -1.0
WHWZ	Whaitupu	2.11 48	P	Pn	02 08 32.9 -0.7
MUGZ	Murupara	2.15 54	P	Pn	02 08 34.6 -0.1
RTZ	Ruataniwha	2.15 35	P	Pn	02 08 34.7 -0.7
OMRZ	Omatia	2.25 15	P	Pn	02 08 36.3 -0.3
TOZ	Tahuroa Road	2.25 15	P	Pn	02 08 36.3 -0.2
THZ	Thames Station	2.32 217	P	Pn	02 08 35.6 -1.1
KNZ	Kokohu	2.42 69	P	Pn	02 08 38.6 +0.7
MARZ	Manawhate	2.43 38	P	Pn	02 08 38.6 +0.7
URZ	Urewera	2.46 49	P	Pn	02 08 38.4 -1.9
TAWZ	Tauranga	2.47 29	P	Pn	02 08 38.0 -1.0
OPRZ	Ohinepaua	2.49 56	P	Pn	02 08 41.8 +0.3
RAGZ	Rarangi	2.49 56	P	Pn	02 08 38.2 -2.1
PRGZ	Paritua Road	2.60 69	P	Pn	02 08 38.6 -1.9
RIGZ	Rimuahu	2.61 64	P		

2d 5h

Table of satellite data for 2d 5h, including columns for station name, coordinates, elevation, and various signal quality metrics.

2015 AUG

Table of satellite data for 2015 AUG, including columns for station name, coordinates, elevation, and various signal quality metrics.

64

Table of satellite data for 64, including columns for station name, coordinates, elevation, and various signal quality metrics.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kilae Creek, Kodiak Island, UCH, etc.

IDC 02 06:07:48.3.5.8, 18:30S, 176:57W, h0km, mb4.0/2, mbl 4.3/2, mb1mx3.6/34, mbtmp4.0/2, Error ellipse: s-maj=294.6km s-min=54.6km az=148.0, Fiji Islands region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNC, KRNET, SOME, ISC, etc.

VIE 02 06:19:21.9.0.2, 48:74N, 15:46E, h0km, Error ellipse: s-maj=1.5km s-min=0.9km az=32.0 7 km SSE of Gross Siegharts Mining explosion.

PRU 02 06:19:22.2.0.0, 48:74N, 15:47E, h0km, Explosion? Mining explosion., Austria

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

JMA 02 06:21:39.9.0.2, 22:96N, 122:91E, h56km, M3.4 TAP 02 06:21:41.1.5, 22:96N, 122:86E, h72km, 1km, ML3.8, D ISC 02 06:21:41.1.1, 22:97N, 102:03E, 122:95E, 0.03, h50km, n111, c1849/209, Taiwan region

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

TEYL	baz=274 Yanliu Villag baz=310	1.53 306	eP	Pn	06 22 05.4	-0.6
TEYL			S	Sn	06 22 23.4	-1.3
IRIF	baz=310 Iriomote-Funau	1.54 28	P	Pn	06 22 06.1	0.0
IRIF			eS	Sn	06 22 24.7	-0.2
FULB	baz=286 Fuli	1.54 279	iP	Pn	06 22 05.0	-1.1
FULB			iS	Sn	06 22 22.0	-3.0
EYUL	baz=286 Yuli	1.54 284	iP	Pn	06 22 05.2	-1.0
EYUL			S	Sn	06 22 22.4	-2.7
EGFH	baz=286 Guangfu	1.56 297	iP	Pn	06 22 05.6	-0.8
EGFH			iS	Sn	06 22 23.8	-1.7
TWF1	baz=307 Yuli	1.56 284	iP	Pn	06 22 05.4	-1.1
TWF1			eS	Sn	06 22 23.4	-2.3
YULB	baz=286 Yu-li	1.57 286	P	Pn	06 22 05.8	-0.8
YULB			eS	Sn	06 22 24.2	-1.7
EHY	baz=288 Hungye	1.59 290	iP	Pn	06 22 06.1	-0.7
EHY			iS	Sn	06 22 24.6	-1.6
HWA	baz=292 Hwalien	1.59 309	P	Pn	06 22 05.8	-1.0
HWA			S	Sn	06 22 24.7	-1.4
LAY	baz=312 Lan-yu	1.59 235	iP	Pn	06 22 05.9	-0.9
LAY			S	Sn	06 22 23.7	-2.5
JKRS	baz=233 Kuro-shima	1.59 37	P	Pn	06 22 07.0	+0.1
JKRS			S	Sn	06 22 26.1	-0.2
ECS	baz=312 Chishang	1.60 275	P	Pn	06 22 06.8	-0.2
ECS			S	Sn	06 22 25.1	-1.4
ESL	baz=282 Shilin	1.62 301	iP	Pn	06 22 05.8	-1.5
ESL			S	Sn	06 22 24.5	-2.6
TWD	baz=304 Chiawan	1.66 312	iP	Pn	06 22 06.6	-1.2
TWD			iS	Sn	06 22 25.4	-2.6
ETM	baz=309 Tongmen	1.66 307	P	Pn	06 22 06.8	-1.0
ETM			eS	Sn	06 22 24.3	-3.7
TTN	baz=309 Taitung	1.67 263	S	Sn	06 22 26.9	-1.4
ETL	baz=289 Fush Village	1.69 315	P	Pn	06 22 07.0	-1.8
ETL			S	Sn	06 22 27.0	-1.8
NACB	baz=310 Ninganchiao	1.72 314	P	Pn	06 22 07.5	-1.1
NACB			S	Sn	06 22 25.7	-3.8
TWG	baz=312 Pinlang	1.73 265	iP	Pn	06 22 08.7	-0.1
TWG			S	Sn	06 22 28.6	-1.2
JJJ	baz=262 Ishigaki jima	1.77 38	P	Pn	06 22 08.9	-0.4
JJJ			S	Sn	06 22 28.1	-1.2
ELDTW	baz=285 Lidau	1.79 277	iP	Pn	06 22 08.4	-1.3
ELDTW			S	Sn	06 22 28.2	-3.1
EWUT	baz=285 Wuta	1.82 324	P	Pn	06 22 10.0	+0.1
EWUT			S	Sn	06 22 31.2	-0.6
ETLH	baz=327 Xiulin Townshi	1.82 313	P	Pn	06 22 09.7	-0.4
ETLH			S	Sn	06 22 29.9	-2.2
ECL	baz=313 Taimali	1.88 259	iP	Pn	06 22 10.1	-0.6
ECL			iS	Sn	06 22 31.1	-2.2
OWD	baz=259 Renai	1.90 301	iP	Pn	06 22 10.8	-0.4
OWD			S	Sn	06 22 32.0	-2.0
TWC	baz=311 Suao	1.92 329	iP	Pn	06 22 11.4	+0.2
TWC			iS	Sn	06 22 33.0	-1.2
WHF	baz=339 Hehuan Shan	1.94 307	iP	Pn	06 22 11.3	-0.7
WHF			S	Sn	06 22 33.7	-1.7
CHGB	baz=310 Renai	1.96 304	P	Pn	06 22 11.9	-0.1
CHGB			S	Sn	06 22 33.8	-1.7
TAW	baz=313 Tawu	1.99 253	S	Sn	06 22 35.0	-1.1
NDS	baz=260 Dongshan	2.00 326	iP	Pn	06 22 13.1	+0.6
NDS			iS	Sn	06 22 36.3	-0.1
SSLB	baz=336 Suanglung	2.00 294	P	Pn	06 22 12.4	-0.1
SSLB			S	Sn	06 22 34.8	-1.6
STYH	baz=302 Taoyuan	2.01 276	P	Pn	06 22 13.1	+0.5
STYH			S	Sn	06 22 35.5	-1.0
FUSS	baz=280 Fushou	2.01 309	iP	Pn	06 22 12.7	-0.1
FUSS			iS	Sn	06 22 35.8	-1.2
EAST	baz=312 Anshou	2.02 254	iP	Pn	06 22 12.7	-0.1
EAST			S	Sn	06 22 35.9	-1.0
STYT	baz=261 Tayuan	2.03 276	iP	Pn	06 22 13.0	+0.1
STYT			S	Sn	06 22 36.1	-1.0
JISG	baz=280 Ishigakijimahi	2.04 38	P	Pn	06 22 12.6	-0.3
JISG			eS	Sn	06 22 36.1	-1.1
NNSB	baz=312 Datong	2.04 316	P	Pn	06 22 13.1	0.0
NNSB			S	Sn	06 22 36.2	-1.2
NNSH	baz=312 Datong	2.04 316	iP	Pn	06 22 13.0	-0.1
NNSH			iS	Sn	06 22 36.0	-1.4
ALS	baz=313 Alishan	2.04 286	iP	Pn	06 22 13.8	+0.5
ALS			eS	Sn	06 22 37.4	-0.4
NNS	baz=287 Nan Shan	2.05 316	iP	Pn	06 22 13.3	0.0
NNS			iS	Sn	06 22 36.5	-1.3
WHYT	baz=312 Xinyi Township	2.06 291	iP	Pn	06 22 14.1	+0.9
WHYT			iS	Sn	06 22 36.9	-0.9
TWT	baz=293 Tachien	2.07 309	iP	Pn	06 22 13.9	+0.4
TWT			iS	Sn	06 22 37.2	-1.0
TDCB	baz=311 Techi	2.08 308	P	Pn	06 22 13.6	0.0
TDCB			S	Sn	06 22 36.7	-1.8
ENTT	baz=311 Nioudou	2.09 323	iP	Pn	06 22 14.2	+0.5
ENTT			S	Sn	06 22 37.2	-1.3
SMLT	baz=325 Sun Moon Lake	2.09 296	iP	Pn	06 22 14.0	+0.2
SMLT			S	Sn	06 22 38.4	0.0

NDT	baz=303 Datong Townshi	2.09 321	iP	Pn	06 22 14.1	+0.4
NDT			S	Sn	06 22 36.7	-1.8
TWE	baz=319 Neicheng	2.10 326	iP	Pn	06 22 14.6	+0.8
TWE			S	Sn	06 22 38.6	-0.1
WPL	baz=336 Puli Township	2.10 300	P	Pn	06 22 14.1	+0.3
WPL			eS	Sn	06 22 36.7	-2.1
SLGT	baz=307 Liutai	2.12 271	iP	Pn	06 22 14.9	+0.8
SLGT			S	Sn	06 22 41.4	+2.1
SLIU	baz=272 Shizi	2.12 250	iP	Pn	06 22 14.6	+0.4
SLIU			eS	Sn	06 22 38.1	-1.2
TYC	baz=240 Yuch	2.13 296	iP	Pn	06 22 14.8	+0.6
TYC			iS	Sn	06 22 40.0	+0.5
NTC	baz=302 Toucheng	2.14 332	iP	Pn	06 22 15.6	+1.3
NTC			S	Sn	06 22 40.1	+0.5
TSMG	baz=342 Majia	2.14 263	eP	Pn	06 22 14.8	+0.4
TSMG			eS	Sn	06 22 39.0	-0.7
SSD	baz=261 Sandimen	2.15 264	iP	Pn	06 22 14.5	0.0
SSD			eS	Sn	06 22 39.1	-0.8
TPUB	baz=265 Ta-pu	2.16 279	P	Pn	06 22 16.2	+1.6
TPUB			S	Sn	06 22 41.7	+1.5
WCBS	baz=282 Beigang Elemen	2.16 300	P	Pn	06 22 15.2	+0.6
WCBS			eS	Sn	06 22 37.9	-2.3
MASBT	baz=307 Mashibuluo	2.17 261	P	Pn	06 22 14.8	+0.1
MASBT			eS	Sn	06 22 39.3	-1.1
WTP	baz=258 Ta-pu	2.17 278	iP	Pn	06 22 15.9	+1.2
WTP			eS	Sn	06 22 41.1	+0.6
TSEB	baz=284 Hengchuen, Pin	2.17 241	eP	Pn	06 22 16.3	+1.5
TSEB			S	Sn	06 22 41.7	+1.2
CHNS	baz=241 Tsailing	2.18 287	iP	Pn	06 22 16.5	+1.5
CHNS			eS	Sn	06 22 41.2	+0.4
SGST	baz=294 Jashian	2.18 273	P	Pn	06 22 16.7	+1.8
SGST			S	Sn	06 22 42.8	+2.0
WJS	baz=279 Zhushan	2.21 293	iP	Pn	06 22 16.9	+1.6
WJS			S	Sn	06 22 42.4	+1.0
TWB1	baz=299 Santiao Chiao	2.21 337	P	Pn	06 22 15.4	+0.1
TWB1			eS	Sn	06 22 39.0	-2.4
YHNB	baz=349 Yeheng	2.22 320	P	Pn	06 22 15.3	-0.2
YHNB			S	Sn	06 22 39.7	-2.2
TWKBT	baz=322 Hengchun	2.23 243	P	Pn	06 22 16.0	+0.4
TWKBT			S	Sn	06 22 39.1	-2.8
TWK1	baz=242 Hengchun	2.23 243	iP	Pn	06 22 15.5	-0.1
TWK1			iS	Sn	06 22 41.3	-0.7
SCZT	baz=242 Fanchu	2.23 255	iP	Pn	06 22 17.1	+1.5
SCZT			S	Sn	06 22 42.6	+0.6
NWLT	baz=259 Wulai	2.23 324	iP	Pn	06 22 16.5	+0.8
NWLT			iS	Sn	06 22 41.6	-0.5
NSK	baz=334 Sanguang	2.24 320	iP	Pn	06 22 16.2	+0.4
NSK			S	Sn	06 22 41.1	-1.1
CHN1	baz=322 Nanshi	2.24 276	iP	Pn	06 22 17.8	+2.0
CHN1			eS	Sn	06 22 43.0	+0.8
TIPB	baz=281 Shuangxi	2.24 333	iP	Pn	06 22 16.3	+0.5
TIPB			S	Sn	06 22 39.3	-3.0
SPST	baz=342 Xinbi	2.25 258	eP	Pn	06 22 17.3	+1.5
WHP	baz=258 Taichung City	2.25 306	iP	Pn	06 22 16.6	+0.7
WHP			S	Sn	06 22 41.8	-0.7
HEN	baz=314 Hengchun	2.26 245	P	Pn	06 22 17.3	+1.4
HEN			iS	Sn	06 22 41.9	-0.7
SCST	baz=238 Cishan	2.26 268	P	Pn	06 22 18.6	+2.6
SCST			S	Sn	06 22 45.9	+3.1
WNT	baz=277 Mingjian	2.27 294	P	Pn	06 22 18.2	+2.1
WNT			S	Sn	06 22 45.0	+2.1
WNT1	baz=304 Nantou City	2.28 295	eP	Pn	06 22 17.9	+1.6
WNT1			S	Sn	06 22 46.6	+3.4
TWK	baz=303 Hsinying	2.28 278	iP	Pn	06 22 18.6	+2.2
TWK			iS	Sn	06 22 45.3	+2.0
WGK	baz=284 Gukeng	2.31 288	eS	Pn	06 22 46.0	+2.2
JTJ	baz=290 Tarama	2.31 44	P	Pn	06 22 16.8	+0.1
JTJ			S	Sn	06 22 43.7	-0.3
WWF	baz=303 Wufeng	2.32 298	P	Pn	06 22 18.5	+1.6
WWF			eS	Sn	06 22 46.1	+1.8
WDLH	baz=303 Doulun	2.33 288	P	Pn	06 22 18.6	+1.7
WDLH			S	Sn	06 22 45.0	+0.7
TWM1	baz=290 Shoushan	2.33 267	P	Pn	06 22 20.5	+3.5
TWM1			S	Sn	06 22 48.7	+4.2
CHN2	baz=267 Minshung	2.34 284	eS	Pn	06 22 45.5	+0.9
NWF	baz=345 Wu-fen Shan	2.35 333	P	Pn	06 22 17.8	+0.5
NWF			S	Sn	06 22 44.8	-0.2
WFSB	baz=345 Wu-fen Shan	2.35 333	P	Pn	06 22 17.8	+0.6
WFSB			eS	Sn	06 22 44.1	-0.7
TWA	baz=345 Mucha	2.36 328	P	Pn	06 22 17.4	+0.1
TWA			S	Sn	06 22 46.7	+1.6
NHHD	baz=338 Xindian Distri	2.37 327	eS	Pn	06 22 46.0	+0.5
CHY	baz=336 Chiayi	2.38 283	eS	Pn	06 22 48.3	+2.7
WYL	baz=275 Yuanlin Townsh	2.39 295	S	Pn	06 22 48.3	+2.5
TCU	baz=303 Taichung	2.39 300	eS	Pn	06 22 48.4	+2.5

TATO	baz=312 Taipei	2.40 327	P	Pn	06 22 19.2	+1.3
TATO			S	Sn	06 22 46.5	+0.3
TWQ1	baz=329 Liyuan	2.42 305	iP	Pn	06 22 20.4	+2.2
TWQ1			iS	Sn	06 22 47.9	+1.3
LIOB	baz=313 Emei	2.43 314	iP	Pn	06 22 20.1	+1.8
LIOB			S	Sn	06 22 48.0	+1.1
NSTT	baz=310 Nanjiang	2.43 313	iP	Pn	06 22 20.1	+1.7
NSTT			iS	Sn	06 22 48.0	+1.1
WLCH	baz=311 Liuqiu	2.45 256	eP	Pn	06 22 22.2	+3.6
WTK	baz=298 Tuku	2.46 287	eS	Pn	06 22 47.5	-0.1
JIRB	baz=289 Irabujima	2.75 47	P	Pn	06 22 22.7	0.0
JIRB			eS	Sn	06 22 53.3	+1.5
JMJ2	baz=288 Miyako jima3	2.80 51	P	Pn	06 22 23.7	+0.3
JMJ2			S	Sn	06	

BULG	Bulgheria - Ca	0.66 340	↓ P	Pn	06 58 40.0 +0.5	PLAC	comp=E,1141µm,0.2s	AML	AML	MNO	Monte Soro	1.70 207	P	Pn	06 58 46.9 +0.5		
BULG			S	AML	06 59 05.7 +0.6	PLAC	comp=E,996µm,0.3s	AML	AML	MNO	comp=E,1668µm,1.6s		AML	AML			
BULG	comp=N,1360µm,1.3s		AML	AML		MSRU	comp=N,1087µm,0.2s	1.20 186	↓ P	Pn	06 58 41.3 -1.1	NOCI	comp=N,2272µm,0.8s	1.71 38	↑ P	Pn	06 58 45.8 -0.3
BULG	comp=E,736µm,0.7s		AML	AML		MSRU	comp=N,1460µm,1.3s		S	AML	06 59 07.5 -2.7	NOCI	comp=E,3975µm,0.8s		S	AML	06 59 15.1 -1.8
BULG	comp=N,1395µm,1.3s		AML	AML		MSRU	comp=E,3410µm,0.4s		AML	AML		NOCI	comp=N,2765µm,1.3s		AML	AML	
BULG	comp=N,1460µm,1.3s		AML	AML		VPL	comp=N,2395µm,0.4s		AML	AML		EMSG	Monte Spagnolo	1.73 199	P	Pn	06 58 47.8 +1.3
BULG	comp=E,736µm,0.7s		AML	AML		VPL	comp=E,6545µm,0.5s	1.20 207	↓ P	Pn	06 58 42.4 0.0	EMSG	comp=E,2430µm,0.5s		AML	AML	
BULG	comp=E,712µm,0.7s		AML	AML		VPL	comp=N,7145µm,0.6s		AML	AML		EPZF	Pizzo Felice	1.75 202	P	Pn	06 58 47.2 +0.6
BULG	comp=N,1460µm,0.6s		AML	AML		MSCL	comp=E,4275µm,0.6s	1.23 176	P	Pn	06 58 41.3 -1.3	EPZF	comp=N,2360µm,1.2s		AML	AML	
SALB	San Lorenzo Be	0.67 51	↓ P	Pn	06 58 40.0 +0.4	MSCL	comp=N,2850µm,0.9s		AML	AML		EPZF	comp=E,2815µm,1.3s		AML	AML	
SALB			S	AML	06 59 04.2 -1.0	MSCL	comp=E,4300µm,0.6s		AML	AML		PAOL	Paolisi	1.79 332	P	Pn	06 58 47.4 +0.6
SALB	comp=E,2685µm,0.6s		AML	AML		MSCL	comp=N,2900µm,0.9s		AML	AML		VITU	Vitulano (BN)	1.90 336	P	Pn	06 58 48.7 +1.0
SALB	comp=N,2405µm,0.5s		AML	AML		MILZ	comp=N,4805µm,0.4s	1.23 196	↓ P	Pn	06 58 41.9 -0.6	VITU	comp=E,557µm,0.6s		AML	AML	
SALB	comp=E,2725µm,0.6s		AML	AML		MILZ	comp=E,5150µm,0.8s		AML	AML		GALF	Gagliano Caste	1.95 207	P	Pn	06 58 48.9 +0.5
SALB	comp=E,2690µm,0.6s		AML	AML		MILZ	comp=N,2180µm,0.5s		AML	AML		GIB	Gibilinna	1.95 222	↓ P	Pn	06 58 48.4 0.0
SALB	comp=N,2440µm,0.5s		AML	AML		IFIL	comp=N,2850µm,0.9s		AML	AML		GIB	comp=E,738µm,1.6s		AML	AML	
SALB	comp=N,2410µm,0.5s		AML	AML		IFIL	comp=N,2180µm,0.5s		AML	AML		MESG	Mesagne	2.02 55	↓ P	Pn	06 58 48.8 0.0
MGR	Morigerati	0.69 352	↓ P	Pn	06 58 39.9 +0.4	MIGL	comp=N,2850µm,0.9s		AML	AML		MESG	comp=N,2695µm,0.6s		S	AML	06 59 19.6 -2.1
MGR			S	AML	06 59 04.8 -0.4	MIGL	comp=E,7175µm,0.6s	1.29 27	↑ P	Pn	06 58 42.6 -0.2	MESG	comp=N,3515µm,0.6s		AML	AML	
MGR	comp=N,950µm,0.6s		AML	AML		MIGL	comp=N,4205µm,0.7s		AML	AML		PETRA	Petralia Sopra	2.03 217	↓ P	Pn	06 58 49.5 +0.3
MGR	comp=N,906µm,1.0s		AML	AML		MIGL	comp=N,5535µm,1.0s		AML	AML		PETRA	comp=N,558µm,1.1s		AML	AML	
MGR	comp=E,938µm,0.7s		AML	AML		MIGL	comp=E,7670µm,0.6s		AML	AML		CAGR	Agira	2.05 207	↓ P	Pn	06 58 50.6 +1.3
MGR	comp=N,932µm,0.6s		AML	AML		GMB	comp=N,7240µm,0.4s	1.29 175	P	Pn	06 58 42.1 -1.1	CAGR	comp=E,4805µm,1.1s		AML	AML	
SIRI	Monte Sirino -	0.74 12	↓ P	Pn	06 58 40.1 +0.3	GMB	comp=E,8035µm,0.3s		AML	AML		PIGN	Pignataro Magg	2.08 327	↑ P	Pn	06 58 50.5 +1.1
IST3	Stromboli F	0.74 208	↓ P	Pn	06 58 40.0 +0.1	MRLC	comp=N,140µm,1.6s	1.30 354	↑ P	Pn	06 58 43.8 +0.8	PIGN	comp=N,92µm,0.8s		AML	AML	
IST3			S	AML		MRLC	comp=N,159µm,0.5s		AML	AML		PIGN	comp=N,125µm,1.0s		AML	AML	
IST3	comp=N,2400µm,0.4s		AML	AML		MRLC	comp=N,339µm,1.0s		AML	AML		MODR	Mondragone	2.17 321	↑ P	Pn	06 58 51.2 +1.0
IST3	comp=N,3135µm,0.8s		AML	AML		MRLC	comp=N,339µm,1.0s		AML	AML		MODR	comp=N,77µm,1.0s		AML	AML	
IST3	comp=N,2405µm,0.4s		AML	AML		MRLC	comp=N,339µm,1.0s		AML	AML		HLNI	Lentini	2.20 197	↓ P	Pn	06 58 49.8 -0.8
ISTR	Stromboli Gino	0.77 209	↓ P	Pn	06 58 40.0 +0.1	MRLC	comp=N,140µm,1.6s		AML	AML		HLNI	comp=N,589µm,1.6s		AML	AML	
ISTR			S	AML		MRLC	comp=N,159µm,0.5s		AML	AML		HAGA	Augusta	2.21 191	↓ P	Pn	06 58 49.2 -1.4
ISTR	comp=N,2365µm,0.4s		AML	AML		MRLC	comp=N,159µm,0.5s		AML	AML		HAGA	comp=N,704µm,0.6s		AML	AML	
ISTR	comp=N,2525µm,0.4s		AML	AML		MRLC	comp=N,339µm,1.0s		AML	AML		VAE	Valguarnera	2.21 207	P	Pn	06 58 52.8 +2.0
ISTR	comp=N,2370µm,0.4s		AML	AML		MRLC	comp=N,339µm,1.0s		AML	AML		VAE	comp=N,3.3mm,0.3s,baz=24,slow=4,S,SNR=6.5		S	AML	06 59 31.2 +6.0
ISTR	comp=N,2520µm,0.4s		AML	AML		MRLC	comp=N,339µm,1.0s		AML	AML		MPG	Monte Pellegri	2.22 235	P	Pn	06 58 51.7 +0.8
SCHR	S. Chirico Rap	0.80 23	↓ P	Pn	06 58 41.0 +0.9	MRLC	comp=N,339µm,1.0s		AML	AML		AGST	Augusta-Monte	2.23 189	P	Pn	06 58 49.6 -1.3
SCHR			S	AML	06 59 05.9 -0.4	MRLC	comp=N,339µm,1.0s		AML	AML		SCTE	Santa Cesarea	2.24 73	↓ P	Pn	06 58 50.6 -0.2
SCHR	comp=N,822µm,0.5s		AML	AML		MRLC	comp=N,339µm,1.0s		AML	AML		SCTE	Santa Cesarea	2.24 73	↓ P	Pn	06 58 51.0 +0.1
SCHR	comp=N,822µm,0.5s		AML	AML		MRLC	comp=N,339µm,1.0s		AML	AML		SCTE	comp=N,1170µm,0.5s		AML	AML	
MTSN	Montesano sul	0.81 4	↓ P	Pn	06 58 40.4 +0.2	MPNC	comp=N,2820µm,0.4s		AML	AML		BSSO	Busso	2.24 339	↑ P	Pn	06 58 52.6 +1.6
MTSN			S	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		BSSO	comp=N,109µm,1.3s		AML	AML	
MTSN	comp=N,1770µm,0.6s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		BSSO	comp=N,108µm,0.6s		AML	AML	
MTSN	comp=N,330µm,0.4s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		MSAG	Monte S. Angel	2.26 4	↑ P	Pn	06 58 51.3 +0.1
MTSN	comp=N,964µm,0.6s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		MSAG	comp=N,272µm,1.2s		AML	AML	
MTSN	comp=N,811µm,0.8s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		MSAG	comp=N,174µm,1.3s		AML	AML	
MTSN	comp=N,964µm,0.6s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		ALJA	Alia	2.27 222	P	Pn	06 58 52.8 +1.4
MTSN	comp=N,810µm,0.8s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		ALJA	comp=N,732µm,1.3s		AML	AML	
ORI	Oriolo Calabro	0.85 44	↓ P	Pn	06 58 41.0 +0.7	MPNC	comp=N,2820µm,0.4s		AML	AML		SGRT	San Giovanni R	2.29 1	P	Pn	06 58 51.4 -0.1
ORI			S	AML	06 59 06.4 -0.1	MPNC	comp=N,2820µm,0.4s		AML	AML		SGRT	San Giovanni R	2.29 1	↑ P	Pn	06 58 51.5 0.0
ORI	comp=N,8650µm,0.5s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		SGRT	comp=N,137µm,1.0s		AML	AML	
GRI	Girfalco	0.86 137	P	Pn	06 58 40.4 0.0	MPNC	comp=N,2820µm,0.4s		AML	AML		SSY	Sortino	2.35 192	P	Pn	06 58 51.0 -1.1
GRI			S	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		SSY	comp=N,1235µm,0.5s		AML	AML	
GRI	comp=N,1580µm,0.4s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		CORL	Corleone	2.42 231	↑ P	Pn	06 58 53.0 +0.1
GRI	comp=N,2250µm,0.7s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		CORL	Corleone	2.42 231	↑ P	Pn	06 58 53.6 +0.7
GRI	comp=N,1575µm,0.4s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		CORL	comp=N,596µm,0.9s		AML	AML	
JOPP	Joppolo	0.87 169	↓ P	Pn	06 58 39.8 -0.7	MPNC	comp=N,2820µm,0.4s		AML	AML		CORL	comp=N,671µm,1.2s		AML	AML	
JOPP			S	AML	06 59 04.4 -2.3	MPNC	comp=N,2820µm,0.4s		AML	AML		MEU	Monte Lauro	2.42 194	P	Pn	06 58 52.5 -0.5
JOPP	comp=N,1065µm,0.3s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		MEU	comp=N,101µm,0.9s		AML	AML	
JOPP	comp=N,1405µm,0.6s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		RAFF	Raffo Rosso	2.46 205	P	Pn	06 58 53.1 -0.1
JOPP	comp=N,2120µm,0.3s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		RAFF	Raffo Rosso	2.46 205	P	Pn	06 58 53.7 +0.5
MCCL	Monticello	0.87 6	P	Pn	06 58 41.2 +0.8	MPNC	comp=N,2820µm,0.4s		AML	AML		RAFF	comp=N,594µm,1.3s		AML	AML	
MCCL			S	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		CERA	Filignano	2.48 330	↑ P	Pn	06 58 54.6 +1.3
MCCL	comp=N,2880µm,0.8s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		CERA	comp=N,466µm,0.8s		AML	AML	
MCCL	comp=N,2820µm,0.8s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		CERA	comp=N,248µm,0.5s		AML	AML	
MCCL	comp=N,2385µm,0.7s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		RNI2	Rionero Sannit	2.52 333	↑ P	Pn	06 58 55.9 +2.1
MCCL	comp=N,2450µm,0.7s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		RNI2	comp=N,661µm,0.7s		AML	AML	
PIPA	Pietrapaola	0.89 88	↓ P	Pn	06 58 40.9 +0.4	MPNC	comp=N,2820µm,0.4s		AML	AML		RNI2	comp=N,398µm,0.6s		AML	AML	
PIPA			S	AML	06 59 06.2 -0.6	MPNC	comp=N,2820µm,0.4s		AML	AML		RNI2	comp=N,670µm,0.8s		AML	AML	
TIP	Timpagrande	0.89 108	↓ P	Pn	06 58 40.8 +0.3	MPNC	comp=N,2820µm,0.4s		AML	AML		RNI2	comp=N,389µm,0.6s		AML	AML	
TIP			S	AML	06 59 06.2 -0.7	MPNC	comp=N,2820µm,0.4s		AML	AML		HAVL	Avola	2.53 190	P	Pn	06 58 52.7 -1.2
TIP	Timpagrande	0.89 108	↓ P	Pn	06 58 40.5 +0.1	MPNC	comp=N,2820µm,0.4s		AML	AML		HAVL	comp=N,818µm,1.0s		AML	AML	
TIP			S	AML	06 59 04.9 +0.3	MPNC	comp=N,2820µm,0.4s		AML	AML		HAVL	comp=N,771µm,1.3s		AML	AML	
TIP			S	AML	06 59 05.9 -1.0	MPNC	comp=N,2820µm,0.4s		AML	AML		CLTA	Licata	2.66 211	↓ P	Pn	06 58 55.8 +0.5
TIP	comp=N,1196µm,0.8s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		CLTA	comp=N,693µm,0.6s		AML	AML	
TIP	comp=N,1750µm,0.5s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		TREM	Isole Tremiti	2.67 357	P	Pn	06 58 55.8 +0.6
TIP	comp=N,1520µm,0.8s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		TREM	comp=N,592µm,1.0s		AML	AML	
TIP	comp=N,1490µm,0.5s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		TREM	comp=N,304µm,1.0s		AML	AML	
SERS	Sersale	0.89 118	↓ P	Pn	06 58 40.8 +0.1	MPNC	comp=N,2820µm,0.4s		AML	AML		CLTB	Caltabellotta	2.69 227	P	Pn	06 58 55.6 -0.1
SERS			S	AML	06 59 05.8 -1.3	MPNC	comp=N,2820µm,0.4s		AML	AML		CLTB	Caltabellotta	2.69 227	P	Pn	06 58 56.0 +0.3
SERS	comp=N,1685µm,1.6s		AML	AML		MPNC	comp=N,2820µm,0.4s		AML	AML		CLTB	comp=N,765µm,0.5s		AML	AML	

0.8nm,0.5s,baz=258,slow=7.1,SNR=8.0
PDAR Pinedale Array 51.50 70 P P 07 22 34.2 +0.9

comp=Z,1.0nm,0.5s,baz=101,slow=9.2,SNR=6.1
VNDA Vanda 79.97 172 P P 07 30 13.6 +0.1

comp=Z,45nm,0.2s
BWLO Ashfield 2.69 186 LG Pn 07 42 06.7

RSPR 02 07:16:42.3, 18.40N, 68.88W, h161km, 1km, MD3.4/3
NEIC 02 07:16:42.1, 0.5, 18.6N, 0.3, 68.96W, 0.09, h147km, 21km,
Error ellipse: s-maj=45.2km s-min=10.5km az=187.0

comp=Z,2.0nm,1.2s
BOSA Boshof 98.01 241 LR LR 08 14 11.5

comp=Z,29nm,0.1s
CRLO Chalk River 2.77 102 PN SN Pn 07 41 32.7 +0.9

ISC 02 07:16:41.6, 1.8, 18.4N, 0.6, 69.0W, 0.1, h150km, n19,
o#24/21, 5C-1D, Dominican Republic region

IDC 02 07:32:42.7, 3.3, 52.12N, 169.41W, h0km, mb3.5/3,
mb1 3.7/4, mb1mx3.4/47, mbtmp3.6/4, ML3.3/1, Error

comp=Z,37nm,0.1s
KAP0 Kapuskasing 2.88 344 PN SN Pn 07 41 33.7 +0.4

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include ISLA, AGPR, HUMP, AOPR, SDDR, MTP, etc.

NEIC 02 07:32:49.4, 2.0, 52.34N, 0.7, 169.45W, 0.06,
h38km, 12km, Error ellipse: s-maj=10.5km s-min=4.9km

comp=Z,40nm,0.1s
PEMO Pembroke 2.97 108 PN SN Pn 07 41 35.2 +0.7

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

ISC 02 07:32:48.3, 1.1, 52.22N, 0.1, 169.34W, 0.08, h35km, n32,
o#103/29, mb3.1/3, Fox Islands

comp=Z,39nm,0.2s
ACTO Acton 3.20 164 PN SN Pn 07 41 37.5 -0.2

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

Code Station Name Az Phase ID Op ISC Time Res
NIKH Nikolski High 0.84 20 Pn 07 33 02.4 -1.3

comp=Z,21nm,0.1s
DELO Deloro Mine 3.36 129 PN SN Pn 07 41 39.9 0.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

Code Station Name Az Phase ID Op ISC Time Res
NIKH Nikolski High 0.84 20 Pn 07 33 15.1 +0.2

comp=Z,29nm,0.2s
PLVO Plevna 3.37 118 PN SN Pn 07 41 40.1 +0.2

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

Code Station Name Az Phase ID Op ISC Time Res
NIKH Nikolski High 0.84 20 Pn 07 33 08.0 -1.3

comp=Z,30nm,0.2s
WLVO Wesleyville 3.43 143 PN SN Pn 07 41 40.8 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

Code Station Name Az Phase ID Op ISC Time Res
NIKH Nikolski High 0.84 20 Pn 07 33 10.3 -0.7

MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

Code Station Name Az Phase ID Op ISC Time Res
NIKH Nikolski High 0.84 20 Pn 07 33 22.2 -0.1

MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

Code Station Name Az Phase ID Op ISC Time Res
NIKH Nikolski High 0.84 20 Pn 07 33 24.1 +0.0

MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

Code Station Name Az Phase ID Op ISC Time Res
NIKH Nikolski High 0.84 20 Pn 07 33 22.2 -0.1

MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

Code Station Name Az Phase ID Op ISC Time Res
NIKH Nikolski High 0.84 20 Pn 07 33 24.1 +0.0

MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

Code Station Name Az Phase ID Op ISC Time Res
NIKH Nikolski High 0.84 20 Pn 07 33 22.2 -0.1

MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

Code Station Name Az Phase ID Op ISC Time Res
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MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

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MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

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NIKH Nikolski High 0.84 20 Pn 07 33 24.1 +0.0

MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

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MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

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MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

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MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

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MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

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MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include AOPR, SDDR, HUMP, etc.

Code Station Name Az Phase ID Op ISC Time Res
NIKH Nikolski High 0.84 20 Pn 07 33 22.2 -0.1

MATO Matagami 3.91 37 P Pn 07 41 47.4 -0.1

BUI 02 07:50:03.1, 0.0, 44.89N, 148.05E, h123km, mb4.8/34,
mb4.8/51
IDC 02 07:50:03.8, 0.5, 44.89N, 147.95E, h119km, 4km, mb4.4/28,
mb1 4.4/36, mb1mx2.4/38, mbtmp4.7/36, MS3.1/6,
Ms1 3.2/6, ms1mx2.7/45, Error ellipse: s-maj=11.0km
s-min=8.4km az=143.0

Table with columns: ID, Name, RA, Dec, P, S, Pn, Sn, Time, Res. Includes entries like SIZA, SGKR, ATGJ, etc.

Table with columns: Code, Station Name, RA, Dec, P, S, Pn, Sn, Time, Res. Includes entries like AB31, KK31, BRVK, etc.

Table with columns: SUR, SDBA, BB19B, etc. Includes entries like Sutherland, Sao Desiderio, Bebedouro, etc.

DOU	Dourbes	77.16	12	dPcP	PcP	11 05 20.8 +1.1
ARSA	Arzberg	77.22	20	eP	P	11 05 10.6 +1.1
MORH	Mirgy, Hungar	77.33	22	↑P	P	11 05 10.1 +0.1
MOA	Molin	77.38	19	↑P	P	11 05 10.8 +0.5
BMLD	Maredsous	77.39	12	dPcP	PcP	11 05 19.9 -0.8
CLAVR	Clavier	77.60	12	dPcP	PcP	11 05 21.6 -0.1
BZS	Buzias	77.88	25	↑P	P	11 05 13.9 +0.7
CONA	Conrad Observa	77.93	20	↑P	P	11 05 16.0 +2.5
GERES	GERESS Array B	78.12	18	P	P	11 05 12.7 -1.8
GERES	comp=Z,175nm,18.1s,baz=230,slow=35		LR	LR		11 38 59.1
GERES	GERESS Array B	78.12	18	P	P	11 05 14.1 -0.5
GZR	Gura Zlata	78.14	25	P	P	11 05 18.1 +3.5
CKRC	Cesky Krumlov	78.27	18	eP	P	11 05 16.8 +1.5
CKFC				eS	P	11 15 05.4 -4.8
KHC	Kasperske Hory	78.35	18	eP	S	11 05 16.7 +1.0
KHC				eS	S	11 15 06.6 -4.2
KHC				AMS	AMS	11 37 20.0
SIRR	Siria	78.45	24	↑P	P	11 05 18.3 +2.0
BRTR	Keskin Array B	78.62	35	P	P	11 05 17.4 -0.2
BRTR	comp=Z,0.4nm,0.3s,baz=164,slow=5.8,SNR=1.5		LR	LR		11 39 05.5
MODS	Modra-Piesok	78.77	20	eP	P	11 05 21.6 +3.6
MODS				e		11 38 10.0
TREC	Trest	79.04	19	AMS	AMS	11 39 10.0
NKC	Novy Kostel	79.05	17	AMS	AMS	11 39 10.0
KRUC	Moravsky	79.10	20	eP	P	11 05 21.7 +1.9
PSZ	Piszkesteto	79.23	22	↑P	P	11 05 16.4 -4.3
PSZ	Piszkesteto	79.23	22	P	P	11 05 22.7 +2.1
PSZ				Iamb	Iamb	11 05 31.4
DRGR		79.28	25	P	P	11 05 23.6 +2.6
JAVC	Velka Javorina	79.32	20	eP	P	11 05 29.4 +8.3
VYHS	Vyhne	79.37	21	eP	P	11 05 31.6 +1.0
VRAC	Vranov	79.38	20	LR	LR	11 38 59.4
VRAC	comp=Z,470nm,20.9s,baz=234,slow=35					11 05 23.3 +1.0
PRU	Vranov	79.38	20	eP	S	11 15 20.0 -2.0
PRU	Pruhonic	79.39	18	eS	AMS	11 38 40.0
PRU				AMS	AMS	11 38 30.0
PRU				AMS	AMS	11 05 24.4 +2.3
MLR	Muntele Rosu	79.48	27	↑P	LR	11 39 57.7
MLR	Muntele Rosu	79.48	27	LR	LR	11 39 57.7
MLR	Muntele Rosu	79.48	27	P	P	11 05 22.8 +0.7
MLR				Iamb	Iamb	11 05 32.9
PVCC	Panska Ves	79.89	18	AMS	AMS	11 38 40.0
BRG	Berggiesshubel	80.03	17	eP	P	11 05 26.9 +2.1
BRG				Amp		11 05 27.5
BRG	Berggiesshubel	80.03	17	P	P	11 05 35.2 +1.0
BRG				Amp		11 05 36.0
BRG				Amp		11 39 22.0
BRG				Amp		11 39 28.0
BRG				Amp		11 39 47.0
MORC	Moravsky Berou	80.08	20	↑P	P	11 05 23.9 -1.3
MORC	Moravsky Berou	80.08	20	P	P	11 05 27.5 +2.3
MORC	Moravsky Berou	80.08	20	P	P	11 05 27.0 +1.8
WRI	Princelcia	80.11	27	P	P	11 05 27.5 +2.1
KRLC	Kraliky	80.12	19	eP	P	11 05 27.7 +2.3
KRLC				AMS	AMS	11 39 00.0
CLL	Collim	80.17	17	eP	P	11 05 28.0 +2.4
CLL				S	S	11 05 28.2 +2.2
CLL				ePS	PnS	11 16 20.0 +4.6
CLL				ePPS	PPS	11 16 42.0
CLL				e		11 21 06.0
CLL				eSSS	SSS	11 24 30.0
CLL				eSSSS		11 26 42.0
CLL				Lmv		11 40 00.0
DPC	Dobruska-Polom	80.23	19	eP	P	11 05 26.7 +0.8
DPC				AMS	AMS	11 37 50.0
UPC	Udice	80.28	19	AMS	AMS	11 38 20.0
OKC	Ostrava-Krasne	80.33	20	AMS	AMS	11 41 20.0
CHVC	Chvalec	80.36	19	eP	P	11 05 26.6 0.0
CHVC				AMS	AMS	11 38 00.0
OSTC	Ostas	80.38	19	eP	P	11 05 27.8 +1.1
OSTC				eS	S	11 15 30.4 -2.1
OSTC				AMS	AMS	11 38 00.0
CRVS	Cervenica-Dubn	80.61	23	eP	P	11 05 31.1 +3.1
CRVS				e		11 05 38.2
EKA	Eskdalemuir Ar	81.17	6	LR	LR	11 41 37.9
SORM	Soroca	82.59	27	↑P	P	11 05 39.7 +1.2
AKASG	Malin Array Be	84.97	26	P	P	11 05 49.5 -1.1
AKASG	comp=Z,3.0nm,0.9s,baz=221,slow=4.6,SNR=8.8		LR	LR		11 44 05.1
AKASG	Malin Array Be	84.97	26	P	P	11 05 51.5 +1.0
AKASG				Iamb	Iamb	11 06 00.6
AKBB	Malin Array Si	84.97	26	P	P	11 05 52.4 +1.8
AKBB				Iamb	Iamb	11 06 00.8
GNI	Garni	85.11	41	LR	LR	11 40 48.2
SUWK	Suwalki	85.51	21	P	P	11 05 53.5 +0.3
KBZ	Khabaz	86.37	37	LR	LR	11 44 46.5
NB2	NORSAR Subarra	88.74	12	P	P	11 06 11.2 +2.4
NOA	NORSAR Array B	88.74	12	P	P	11 06 10.5 +1.7
NOA	comp=Z,1.3nm,0.9s,baz=202,slow=4.9,SNR=4.5					11 48 26.6
OBN	Obninsk	91.22	26	LR	LR	11 40 47.2
SCHE	Schefferville	92.18	32	LR	LR	11 48 07.2
GEYT	Alibeck	92.36	49	LR	LR	11 48 07.2
FINES	FINESS Array B	92.55	18	P	P	11 06 26.4 0.0
FINES	comp=Z,2.0nm,0.9s,baz=184,slow=7.8,SNR=1.9		LR	LR		11 48 55.7
PALK	Pallekele	97.07	85	LR	LR	11 45 15.3
AKTO	Aktjubinsk	98.64	32	LR	LR	11 53 03.6
ARCES	ARCESS Array B	99.05	13	LR	LR	11 51 08.3
NVAR	Nina Array Bea	116.44	302	PKP	PKPdf	11 11 59.4 -0.5
ASAR	Alice Springs	121.79	145	PKP	PKPdf	11 12 08.3 -2.2
WRA	Warramunga Arr	125.06	143	PKP	PKPdf	11 12 14.2 -2.5
QIZ	Qiongzong	127.70	85	PKP	PKPdf	11 12 21.6 -0.1
QIZ				PP	PP	11 14 23.8 +0.4
QIZ				SS	SS	11 31 38.2 +2.2
QIZ				LR	LR	
QIZ	comp=N,120nm,16.5s		LR	LR		
QIZ	comp=E,180nm,19.0s		LR	LR		
QIZ	comp=Z,220nm,19.2s		LR	LR		
ILAR	Eielson Array	130.83	336	PKP	PKPdf	11 12 25.1 -1.2
ILAR	comp=Z,0.7nm,1.0s,baz=64,slow=4.1,SNR=5.2					11 12 25.9 -0.4
KLR	Kuldur	144.35	32	PKP	PKPdf	11 12 47.7 -2.0
KSRS	Korea Array	145.48	61	PKP	PKPdf	11 12 52.1 -1.8
MJAR	Matsushiro Arr	153.72	59	PKP	PKPbc	11 13 12.2 -2.7
MJAR	comp=Z,3.7nm,0.6s,baz=336,slow=0.7,SNR=2.3					11 13 06.1 -0.9

MJAR						11 13 12.9 -2.0
MJAR						11 13 24.5 -3.2
TAP 02 11:08:20.9,24'23N;121.77E,h29km,ML3.3,B						
JMA 02 11:08:20.4,0.1,24.15N;121.78E,h27km;1km,M2.5						
ISC 02 11:08:21.2,-0.9,24'20N;121.80E;0.02,h27km;4km,						
n108,08'81/194,7C-15D,Taiwan						
Code	Station Name	Δ	AZ	Phase ID	Time Res	ISC
EHP	Heping Village	0.12	335	eP	Pb	11 08 26.1 -0.3
EHP	baz=344			eS	Sb	11 08 30.0 +0.1
ETH	Fush Village	0.17	256	↑P	Pb	11 08 26.6 -0.1
ETH	baz=243			S	Sb	11 08 30.8 +0.2
ETL	baz=243			S	Sb	11 08 30.8 +0.2
NACB	Ninganchiao	0.19	262	↑P	Pb	11 08 26.7 -0.3
NACB	baz=252			S	Sb	11 08 30.8 -0.1
NACB	baz=252			S	Sb	11 08 27.2 -0.2
TWD	Chiwan	0.22	237	↑P	Pb	11 08 32.3 +0.8
TWD	baz=226			iS	Sb	11 08 32.3 +0.8
EWUT	Wuta	0.25	356	P	Pb	11 08 27.5 -0.2
EWUT	baz=1.0			S	Sb	11 08 32.0 -0.1
HWA	Hwaiien	0.28	219	↑P	Pb	11 08 28.7 -0.9
HWA	baz=201			S	Sb	11 08 34.6 -0.4
ETLH	Xiulin Townshi	0.29	272	↑P	Pb	11 08 28.1 -0.3
ETLH	baz=265			S	Sb	11 08 33.0 -0.2
ETM	Tongmen	0.36	230	↑P	Pb	11 08 29.3 -0.1
ETM	baz=230			S	Sb	11 08 35.5 +0.6
TEYL	Yanliu Villag	0.38	209	↑P	Pb	11 08 29.6 +0.1
TEYL	baz=198			S	Sb	11 08 37.0 -0.3
TWC	Suao	0.41	7	↑P	Pb	11 08 29.9 -0.2
TWC	baz=16			iS	Sb	11 08 36.2 0.0
NDS	Dongshan	0.44	350	P	Pb	11 08 30.1 -0.5
NDS	baz=349			S	Sb	11 08 36.5 -0.4
NNSB	Datong	0.44	301	↑P	Pb	11 08 30.2 -0.5
NNSB	baz=299			S	Sb	11 08 36.8 -0.3
NNSH	Datong	0.44	301	↑P	Pb	11 08 30.3 -0.4
NNSH	baz=299			S	Sb	11 08 36.5 -0.6
NNS	Nan Shan	0.46	302	↑P	Pb	11 08 30.4 -0.5
NNS	baz=300			S	Sb	11 08 37.3 -0.2
NDT	Datong Townshi	0.48	327	P	Pb	11 08 31.0 -0.2
NDT	baz=327			S	Sb	11 08 37.9 -0.1
ENTT	Nioudou	0.49	334	↑P	Pb	11 08 30.9 -0.5
ENTT	baz=336			S	Sb	11 08 37.9 -0.3
WHF	Hehuan Shan	0.49	264	↑P	Pb	11 08 31.2 -0.1
WHF	baz=259			S	Sb	11 08 38.8 +0.1
ESL	Shilin	0.51	221	P	Pb	11 08 31.3 -0.4
ESL	baz=229			S	Sb	11 08 39.0 +0.3
FUSS	Fushou	0.51	276	↑P	Pb	11 08 31.7 -0.2
FUSS	baz=272			S	Sb	11 08 39.0 -0.1
TWE	Neicheng	0.53	347	↑P	Pb	11 08 31.6 -0.5
TWE	baz=345			S	Sb	11 08 38.9 -0.5
TEGC	Jichi Village	0.54	206	eP	Pb	11 08 32.5 +0.2
TEGC	baz=190			eS	Sb	11 08 42.5 +1.2
ILA	Ilan	0.57	355	eP	Pb	11 08 31.5 -1.2
ILA	baz=358			S	Sb	11 08 40.5 +0.1
CHGB	Renai	0.59	257	↑P	Pb	11 08 32.7 -0.4
CHGB	baz=245			S	Sb	11 08 41.3 +0.1
TDCB	Techi	0.59	275	↑P	Pb	11 08 32.8 -0.3
TDCB	baz=270			S	Sb	11 08 39.9 -1.2
YHNB	Yeheng	0.61	321	↑P	Pb	11 08 32.9 -0.5
YHNB	baz=320			S	Sb	11 08 40.8 -0.9
OWD	Renai	0.62	247	P	Pb	11 08 33.1 -0.5
OWD	baz=243			S	Sb	11 08 41.6 -0.4
NSK	Sanguang	0.62	320	↑P	Pb	11 08 33.0 -0.6
NSK	baz=320			S	Sb	11 08 41.2 -0.9
EGFH	Guangfu	0.63	213	eP	Pb	11 08 32.8 -0.8
EGFH	baz=221			eS	Sb	11 08 41.9 -0.2
NWLT	Wulai	0.64	335	P	Pb	11 08 33.2 -0.6
NWLT	baz=331			S	Sb	11 08 41.5 -1.0
NTC	Toucheng	0.65	3	eP	Pb	11 08 33.6 -0.5
NTC	baz=5.0			S	Sb	11 08 42.5 -0.3
TIPB	Taiungxi	0.77	2	P	Pb	11 08 35.6 -0.5
TIPB	baz=4.0			eS	Sb	11 08 45.7 -0.5
WHP	Taichung City	0.78	276	P	Pb	11 08 36.1 -0.2
WHP	baz=279			eS	Sb	11 08 46.1 -0.5
HGSD	Ruisui	0.78	206	P	Pb	11 08 36.0 -0.3
HGSD	baz=195			S	Sb	11 08 49.2 +1.9
WPL	Puli Township	0.79	257	eP	Pb	11 08 36.0 -0.4
NHHD	Xindian Distri	0.80	342	eP	Pb	11 08 36.1 -0.4
NHHD	baz=332			eS	Sb	11 08 46.5 -0.6
TWA	Mutsha	0.80	346	P	Pb	11 08 36.3 -0.3
TWA	baz=348			eS	Sb	11 08 47.1 0.0
EHY	Hungye	0.82	212	eP	Pb	11 08 35.2 -1.7
EHY	baz=210			S	Sb	11 08 36.4 -0

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BUKIT TIMAH DA, SAKOLIN, JATI WANGI, KARANG PUCUNG, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ENH Enshi, CM36 Chiang Mai Arr, CM35 Chiang Mai Arr, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PMG Port Moresby, XAN Xi'an, XAN Xi'an, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PBCC, Pribram, Colim, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BELC, Belle Mtn. Jos, MONP2, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like U38A, Gravette, JCT, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like M55A, P51A, R49A, J60A, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CACAO, MT09, A510, etc.

JMA 02 13:22:28.9:0.1, 39:87N<142:60E, h34km, M4.0

JMA 02 13:22:30.1:1.7, 39:91N<106:142:6E:0.1, h35km, 2km, mb4.5/10, Error ellipse: s-maj=13.7km s-min=9.1km az=109.0

IDC 02 13:22:30.5:2.2, 39:84N<142:64E, h47km, 20km, mb3.6/13, mb1.3/7.15, mb1mx3.5/6.7, mbtmp3.8/15, ML3.4/2, MS3.0/6, Ms1.3/0.6, ms1mx2.7/3.7, Error ellipse: s-maj=24.1km s-min=13.8km az=94.0

ISC 02 13:22:27.5:2.0, 39:82N<104:42:72E:0.07, h24km, 13km, n71.1, +193672, mb4.2/21, MS3.1/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like JTH, JTK, MIYU, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like H11S1, H11S3, H11S2, etc.

IDC 02 13:29:35.1:3.8, 6:70S<155:31E, h0km, mb3.3/3, mb1.3/6.3, mb1mx3.3/3.1, mbtmp3.3/3, Error ellipse: s-maj=99.0km s-min=46.4km az=107.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like WRA, ASAR, etc.

IDC 02 13:37:04.2:5, 7:22S<129:66E, h120km, 31km, mb3.0/1, mb1.3/2.5, mb1mx3.0/3.1, mbtmp3.6/5, Error ellipse: s-maj=41.1km s-min=24.9km az=69.0

ISC 02 13:37:01.8:0.9, 7:29S<129:8E:0.1, h100km, n5, +35079, Banda Sea

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SIJI, BATI, WRA, etc.

PRU 02 13:45:31.6:0.0, 49:77N<18:52E, h0km, Czech and Slovak Republics

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like OKC, KRLC, etc.

IDC 02 13:46:31.0:18.0, 1:18S<122:36E, h0km, mb3.6/3, mb1.3/9.4, mb1mx3.4/28, mbtmp3.7/4, ML3.7/1, Error ellipse: s-maj=295.3km s-min=52.3km az=166.0, Sulawesi

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like KAPI, WRA, ASAR, etc.

LDG 02 13:47:26.8:0.1, 45:89N<10:82E, h10km, M2.1/13, Error ellipse: s-maj=3.7km s-min=3.0km az=153.0

PRU 02 13:47:31.7:0.1, 45:98N<11:00E, h3km, ROM 02 13:47:26.7:0.1, 45:896N<0:004, h1078E:0:006, h7km, ML2.2/18, 8C-6D, Error ellipse: s-maj=0.5km s-min=0.3km az=294.0, Northern Italy

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like MAGA, BAGA, etc.

2d 14h

MABI		S	Sg	13 47 35.8 +0.9
MABI	comp=E,583µm,0.5s	AML	AML	
MABI	comp=N,555µm,0.6s	AML	AML	
MABI	comp=E,584µm,0.5s	AML	AML	
MABI	comp=N,556µm,0.6s	AML	AML	
DOSS	Dosso del Somm	0.28 93f	ePg	Pg 13 47 33.2 +0.9
DOSS	Dosso del Somm	0.28 93	eSg	Pg 13 47 37.4 +1.2
DOSS	Dosso del Somm	0.28 93	P	Pg 13 47 33.2 +0.8
DOSS	Dosso del Somm	0.28 93	S	Pg 13 47 37.4 +1.2
VOBA	Vobarno	0.32 218	ePg	Pg 13 47 33.5 +0.6
VOBA	Vobarno	0.32 218	S	Pg 13 47 39.1 +1.0
ROVR	Rover Verones	0.32 141	lP	Pg 13 47 33.7 +0.7
ROVR	Rover Verones	0.32 141	S	Pg 13 47 38.7 +1.4
ROVR	comp=E,4305µm,1.6s	AML	AML	
ROVR	comp=N,629µm,0.3s	AML	AML	
ROVR	comp=N,252µm,0.3s	AML	AML	
ROVR	comp=E,137µm,0.2s	AML	AML	
SALO	Salir	0.33 213	P	Pg 13 47 33.8 +0.6
SALO	Salir	0.33 213	Sb	Pg 13 47 39.7 -0.8
SALO	comp=E,606µm,0.5s	AML	AML	
SALO	comp=N,566µm,0.5s	AML	AML	
SALO	comp=E,632µm,0.5s	AML	AML	
SALO	comp=E,606µm,0.5s	AML	AML	
SALO	comp=E,632µm,0.5s	AML	AML	
SALO	comp=N,584µm,0.5s	AML	AML	
SALO	comp=N,566µm,0.5s	AML	AML	
MARN	Marana (Italy)	0.40 130f	ePg	Pg 13 47 35.1 +0.7
MARN	Marana (Italy)	0.40 130f	Sg	Pg 13 47 41.3 +1.1
PANI	Panarotta	0.42 68	ePg	Pg 13 47 35.7 +0.8
PANI	Panarotta	0.42 68	Sg	Pg 13 47 41.5 +1.2
CARE	Lago del Cares	0.53 354f	ePg	Pg 13 47 37.7 +0.6
CARE	Lago del Cares	0.53 354f	Sg	Pg 13 47 45.2 +1.2
OZOL	Ozolo	0.54 20	ePg	Pg 13 47 37.8 +0.6
OZOL	Ozolo	0.54 20	Sb	Pg 13 47 46.0 -0.7
CTI	Castel Tesino	0.62 76	lP	Pg 13 47 39.4 +0.6
CTI	Castel Tesino	0.62 76	AML	AML
CTI	comp=N,566µm,0.3s	AML	AML	
BRMO	Bormio	0.65 334	P	Pg 13 47 39.8 +0.6
BRMO	Bormio	0.65 334	S	Pg 13 47 48.2 +0.6
BRMO	Bormio	0.65 334	AML	AML
BRMO	comp=E,114µm,0.5s	AML	AML	
APPI	Appiano	0.66 28	P	Pb 13 47 40.2 -0.5
APPI	Appiano	0.66 28	Sb	Pb 13 47 49.2 -1.0
ZOVE	Zovencedo	0.66 131	P	Pb 13 47 40.3 -0.4
KOSI	Koelnern	0.70 36	P	Pb 13 47 41.0 -0.4
KOSI	Koelnern	0.70 36	S	Pb 13 47 50.5 -1.0
CGRP	Cima Grappa	0.71 91f	ePg	Pb 13 47 41.3 -0.3
CGRP	Cima Grappa	0.71 91f	Sb	Pb 13 47 51.1 -0.5
CGRP	Cima Grappa	0.71 91	P	Pb 13 47 41.3 -0.3
CGRP	Cima Grappa	0.71 91	S	Pb 13 47 50.3 +0.6
CGRP	Cima Grappa	0.71 91	AML	AML
CGRP	comp=E,174µm,1.2s	AML	AML	
CGRP	comp=N,114µm,0.8s	AML	AML	
CGRP	comp=N,114µm,0.8s	AML	AML	
CGRP	comp=N,114µm,0.8s	AML	AML	
MOSI	Grossmontoni	0.74 348	P	Pb 13 47 41.6 -0.5
MOSI	Grossmontoni	0.74 348	S	Pb 13 47 51.9 -0.6
MOSI	Grossmontoni	0.74 348	AML	AML
MOSI	comp=E,186µm,1.1s	AML	AML	
MOSI	comp=N,226µm,0.5s	AML	AML	
BERNI	Berninapass	0.74 315	P	Pg 13 47 41.5 +0.5
BERNI	Berninapass	0.74 315	S	Pg 13 47 51.4 +0.9
BERNI	Berninapass	0.74 315	AML	AML
BERNI	comp=E,86µm,1.3s	AML	AML	
BERNI	comp=N,87µm,0.2s	AML	AML	
TEOL	Teolo	0.82 130	P	Pb 13 47 43.2 -0.2
ABSI	Aberstueckl	0.91 24	P	Pb 13 47 45.0 -0.1
ABSI	Aberstueckl	0.91 24	S	Pb 13 47 57.7 +0.2
AGOR	Agordo	0.96 66	AML	AML
AGOR	Agordo	0.96 66	AML	AML
AGOR	comp=E,114µm,0.4s	AML	AML	
BRES	Bressanone	1.04 39	P	Pb 13 47 47.0 -0.2
BRES	Bressanone	1.04 39	S	Pb 13 48 00.5 +0.3
CAVE	Cavezzo	1.04 171	AML	AML
CAVE	Cavezzo	1.04 171	AML	AML
CAVE	comp=E,534µm,0.5s	AML	AML	
CAVE	comp=N,392µm,1.0s	AML	AML	
CAVE	comp=N,392µm,1.0s	AML	AML	
CAVE	comp=N,392µm,1.0s	AML	AML	
DAVOX	Davos/Discham	1.08 325	P	Pb 13 47 47.8 -0.1
ROSI	Roskopf	1.12 23	P	Pb 13 47 48.9 -0.2
ROSI	Roskopf	1.12 23	S	Pb 13 48 04.3 -0.6
ROSI	Roskopf	1.12 23	AML	AML
ROSI	comp=E,183µm,0.2s	AML	AML	
ROSI	comp=N,198µm,0.2s	AML	AML	
FETA	Feichten	1.13 358	ePg	Pb 13 47 48.7 +0.1
FETA	Feichten	1.13 358	eSn	Pb 13 48 03.5 -0.1
TUE	Stuetta	1.15 301	P	Pg 13 47 48.8 0.0
TUE	Stuetta	1.15 301	S	Pg 13 48 04.3 0.0
TUE	Stuetta	1.15 301	AML	AML
TUE	comp=E,81µm,0.9s	AML	AML	
TUE	comp=N,64µm,1.3s	AML	AML	
TUE	comp=N,58µm,1.3s	AML	AML	
TUE	comp=N,58µm,1.3s	AML	AML	
SQTA	Sankt Quirin	1.36 12	ePg	Pg 13 47 53.1 +0.3
SQTA	Sankt Quirin	1.36 12	eSn	Pg 13 48 12.0 +1.4
RISI	Rein	1.38 40	P	Pg 13 47 53.7 +0.4
RISI	Rein	1.38 40	S	Pg 13 48 12.3 +0.9
RISI	Rein	1.38 40	AML	AML
RISI	comp=N,485µm,0.2s	AML	AML	
STAL	STALIGIAL	1.39 74	P	Pg 13 47 54.1 +0.7
STAL	STALIGIAL	1.39 74	S	Pg 13 48 14.1 +2.6
STAL	STALIGIAL	1.39 74	AML	AML
STAL	comp=E,318µm,1.6s	AML	AML	
STAL	comp=N,416µm,1.1s	AML	AML	
STAL	comp=N,416µm,1.1s	AML	AML	
VARE	Varese	1.41 270	P	Pg 13 47 53.6 0.0
MOTA	Moosalm	1.47 9	ePg	Pg 13 47 55.8 +1.0
ABTA	Abfattersbach	1.47 54	ePg	Pg 13 47 55.1 +0.2
ABTA	Abfattersbach	1.47 54	eSn	Pg 13 48 15.3 +1.2
WTTA	Wattenberg	1.49 23	ePg	Pg 13 47 55.3 +0.1
WTTA	Wattenberg	1.49 23	eSn	Pg 13 48 15.4 +0.8
WTTA	Wattenberg	1.49 23	lP	Pg 13 47 55.4 +0.1
WTTA	Wattenberg	1.49 23	S	Pg 13 48 17.0 +2.4
WTTA	Wattenberg	1.49 23	AML	AML
WTTA	comp=N,39µm,0.8s	AML	AML	
DAVA	Damuets	1.52 336	ePn	Pg 13 47 59.1 +3.2
DAVA	Damuets	1.52 336	ePn	Pg 13 47 59.1 +3.2

2015 AUG

DAVA	comp=E,14nm,0.3s	eSn	Sg	13 48 18.0 +2.3
WATA	Walderalm	1.54 21	ePn	Pg 13 47 56.2 0.0
WATA	comp=E,3.1nm,0.2s,SNR=13	eSn	Sg	13 48 17.1 +0.9
WATA	comp=E,5.6nm,0.1s,SNR=5.9	eSn	Sg	13 47 59.8 +2.6
RETA	Reutte	1.59 360	iPn	Pg 13 47 59.8 +2.6
RETA	comp=E,3.1nm,0.2s	eSn	Sg	13 48 18.8 +1.0
RETA	comp=E,5.4nm,0.4s	eSn	Sg	13 48 01.8 -0.5
PTCC	Patocco-Chiusa	1.86 73	P	Pg 13 48 01.8 -0.5
ACOM	Accomiza, Ital	2.01 70	P	Pg 13 48 05.0 -0.2
TRI	Trieste	2.10 94	S	Pg 13 48 34.0 0.0
MYKA	Terra Mystica	2.12 69	ePn	Pg 13 48 07.4 +0.2
MYKA	comp=E,1.6nm,0.2s	eSn	Sg	13 48 34.8 +0.1
KBA	Koelnbreinsper	2.13 55	ePn	Pg 13 48 07.8 +0.3
KBA	comp=E,2.2nm,0.1s	Sn	Sg	13 48 35.2 +0.1
KBA	comp=E,4.8nm,0.2s	Sn	Sg	13 48 35.2 +0.1
PESA	Pesaro	2.44 142	lP	Pb 13 48 11.8 +0.8
GBOS	Grotte di Boss	2.66 233	P	Pb 13 48 12.9 -1.8
GBOS	comp=N,11µm,1.6s	AML	AML	
GBOS	comp=N,11µm,1.6s	AML	AML	
OBKA	Obir	2.69 75	eSn	Sg 13 48 54.2 +1.2
LPG	La Plagne	2.85 263	eP	Pn 13 48 16.5 -1.6
LPG	La Plagne	2.85 263	Sb	Pn 13 48 44.0 -3.7
LPG	La Plagne	2.85 263	eSg	Sb 13 48 54.8 +1.5
LPL	La Plagne	2.86 264	eP	Sb 13 48 14.8 +1.8
LPL	La Plagne	2.86 264	eSg	Sb 13 48 55.2 +1.6
ENR	Entracque	2.91 236	P	Pg 13 48 24.0 +1.6
BNI	Baronecchia	3.01 255	S	Pg 13 49 03.0 -0.3
SOKA	Sototh	3.05 74	ePn	Pb 13 48 19.9 -1.5
SOKA	comp=N,0.1nm,0.1s	eSn	Sg	13 49 05.8 +1.2
SOKA	comp=N,0.9nm,0.3s	eSn	Sg	13 48 17.5 +1.8
MBDF	Montbardon	3.06 249	ePn	Sn 13 48 47.7 -3.9
MBDF	Montbardon	3.06 249	ePn	Sn 13 48 47.7 -3.9
MOA	Molin	3.09 49	ePn	Pb 13 48 21.8 -0.2
SBF	Sospel	3.13 231	ePn	Pb 13 48 14.9 -1.6
SBF	Sospel	3.13 231	ePn	Pb 13 48 23.9 +1.2
SBF	Sospel	3.13 231	ePn	Sn 13 48 51.6 -2.6
CRMI	Caterairondo	3.14 148	P	Sb 13 48 16.1 -0.5
PP3	Marolino	3.23 140	S	Sb 13 49 04.0 +0.2
HINF	Hinteralfen	3.31 307	eP	Pn 13 48 21.4 +2.4
HINF	Hinteralfen	3.31 307	eSn	Sn 13 48 55.4 -3.2
CABF	La Chapelle	3.33 284	eP	Pn 13 48 20.3 +0.9
CABF	La Chapelle	3.33 284	eP	Pn 13 49 11.8 -1.9
CDF	Champ du Feu	3.47 318	eP	Pn 13 48 23.3 +2.0
CDF	Champ du Feu	3.47 318	eSg	Pn 13 49 16.6 -1.6
ORIF	Oris-en-Rattie	3.59 256	ePn	Pn 13 48 21.2 -1.7
ORIF	Oris-en-Rattie	3.59 256	eSn	Sn 13 49 01.8 -3.7
KHC	Kasperske Hory	3.75 29	ePg	Pg 13 48 36.6 -1.9
KHC	Kasperske Hory	3.75 29	eSg	Sn 13 49 10.5 +1.0
KHC	Kasperske Hory	3.75 29	eSg	Sn 13 49 25.5 -1.6
FRF	La Foret Royal	3.76 233	ePn	Pn 13 48 24.0 -1.1
FRF	La Foret Royal	3.76 233	ePn	Pn 13 49 06.5 -3.1
CKRC	Cesky Krumlov	3.78 38	eSg	Sg 13 49 26.4 -1.7
LMR	La Moure	3.98 231	ePn	Pn 13 48 26.0 -2.2
LMR	La Moure	3.98 231	ePn	Pn 13 49 11.3 -3.8
SMRF	Simiane la Rot	4.17 244	ePn	Pn 13 48 28.1 -2.6
LAVS	Lanuvio	4.44 161	lP	Pb 13 48 47.5 +2.5
PTRJ	Pietraraja	5.28 148	P	Pb 13 49 01.5 +2.1
OK032	Salt Plains WL	0.62 82	Op	ISC 14 07 01.7 +0.2
OK032	Salt Plains WL	0.62 82	Pg	ISC 14 07 04.9 -0.1
KAN10	Anthony SW Sta	0.49 44	Pg	ISC 14 07 05.9 0.0
KAN10	Anthony SW Sta	0.49 44	Pg	ISC 14 07 11.9 0.0
CROK	Carrier	0.51 121	Pg	ISC 14 07 06.2 0.0
CROK	Carrier	0.51 121	Pg	ISC 14 07 12.8 -0.1
GC02	Grant County #	0.54 81	Pg	ISC 14 07 06.8 0.0
U32A	Winter Ranch,	0.55 225	Pg	ISC 14 07 06.6 -0.2
U32A	Winter Ranch,	0.55 225	Pg	ISC 14 07 13.3 -0.2
KAN08	Anthony NE Sta	0.64 44	Pg	ISC 14 07 08.8 0.0
KAN17	Caldwell West	0.67 66	Pg	ISC 14 07 09.2 -0.1
KAN17	Caldwell West	0.67 66	Pg	ISC 14 07 18.1 +0.1
KAN12	Harper NE Stat	0.68 39	Pg	ISC 14 07 09.3 0.0
KAN09	Caldwell North	0.81 63	Pg	ISC 14 07 11.8 -0.2
KAN09	Caldwell North	0.81 63	Pg	ISC 14 07 22.2 -0.4
KAN13	South Haven SW	0.88 74	Pg	ISC 14 07 12.8 -0.4
BLOK	Blackwell	1.05 90	Pg	ISC 14 07 15.9 -0.6
OK029	Liberty Lake	1.30 138	Pn	ISC 14 07 20.3 -0.5
BCOK	Bluff Creek, N	1.34 146	Pn	ISC 14 07 20.9 -0.4
OK025	Westminster Rd	1.54 141	Pn	ISC 14 07 23.6 -0.3
QUOK	Quay	1.58 112	Pn	ISC 14 07 11.1 -0.5
OK031	S. Brethren Rd	1.59 120	Pn	ISC 14 07 24.9 +0.2
okcsw	OKLAHOMA CITY	1.62 147	Pn	ISC 14 07 25.2 0.0
T35A	Sooner Cattle	1.62 84	Pn	ISC 14 07 25.2 0.0
R32A	Long Quarter,	1.66 355	Pn	ISC 14 07 25.8 +0.1
FNO	Franklin	1.76 148	Pn	ISC 14 07 27.3 +0.2
WNOK	Wichita Mounta	2.04 166	Pn	ISC 14 07 11.1 -0.1
X34A	Smith Ranch, M	2.24 165	Pn	ISC 14 07 33.5 +0.1
X34A	Smith Ranch, M	2.24 165	Iamb_Lg	ISC 14 08 10.0
CBKS	Cedar Bluff	2.25 335	Iamb_Lg	ISC 14 08 12.4
U32A	Velville	2.98 158	Pn	ISC 14 07 44.0 +0.2
LOOK	Love County	2.98 158	Pn	ISC 14 08 39.2
AMTX	Amarillo	3.13 235	Iamb_Lg	ISC 14 08 39.2
U38A	Gravette	3.35 94	Pn	ISC 14 07 49.5 +0.6
X37A	Clayton	3.37 129	Iamb_Lg	ISC 14 08 48.6
HHAR	Hobbs	3.73 96	Pn	ISC 14 07 54.3 +0.1
HHAR	Hobbs	3.73 96	Iamb_Lg	ISC 14 08 59.2
KSCO	Kaye Shedlock'	4.24 306	Pn	ISC 14 07 57.0 -0.1
S39A	Bolivar	3.95 76	Pn	ISC 14 08 01.4 +0.1
S39A	Bolivar	3.95 76	Iamb_Lg	ISC 14 09 18.1
U40A	Velville	4.59 93	Pn	ISC 14 08 06.3 +0.4
T25A	Trinidad	4.73 276	Iamb_Lg	ISC 14 09 35.1
P38A	Dawn	4.86 53	Iamb_Lg	ISC 14 09 41.1
MGMO	Mountain Grove	5.03 84	Iamb_Lg	ISC 14 09 36.4
P40A	Paris	5.80 60	Iamb_Lg	

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include EHY Hungye, EHY Hualien, NNS Datong, NNSH Datong, NNS Nan Shan, ETL Fush Village, NMLH Miaoli, HGSD Ruisui.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include PB02 IOPC Station P, PB07 Limon Verde, PB08 IOPC Station P, PB06 IOPC Station P, PB04 IOPC Station P, TA01 Diego Aracena, TA02 Huaquiue.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include X37A Clayton, X37A Clayton, Z35A Perchaven, Z35A Perchaven, HHAR Hobbs, KSCO Kaye Shedlock, KSCO Kaye Shedlock, KSCO Kaye Shedlock, N33B J Bar K, Exete, N33B J Bar K, Exete, N33A J Bar K, Exete, W39A Magazine, W39A Magazine, W39A Magazine, S39A Bolivar, S39A Bolivar, S39A Bolivar, Z38A Mt. Pleasant, U40A Yelville, U40A Yelville, U40A Yelville, U40A Yelville, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, T25A Trinidad, T25A Trinidad, WHTX Lake Whitney, P38A Dawn, P38A Dawn, P38A Dawn, OGNB Ogallala, MGMO Mountain Grove, MGMO Mountain Grove, X40A Basin Creek, X40A Basin Creek, X40A Basin Creek, X40A Basin Creek, R40A Maddies Station, R40A Maddies Station, R40A Maddies Station, FCAR Ozark Folk Cen, FCAR Ozark Folk Cen, 237A Washetta, 237A Washetta, WLAR White Oak Lake, N38A Jose South For, P40A Paris, P40A Paris, LCAR Lake Charles, LCAR Lake Charles, 435B Jarrell, CCAR Cane Creek, JCT Junction City, PBMO Poplar Bluff, SCIA State Center, S44A Carbondale, SIUC Southern Illin, OXF Oxford, T45A Paducah, R3WV Rawlins, K22A Casper, L42A Oliver, Polo, JFWS Jewell Farm, T47A Sharon Grove, WCI Wyandotte Cave.

TAP 02 14:29:38.6, 24.36N, 121.74E, h24km, ML1.2, C, Taiwan

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include EHP Heping Village, EHP Heping Village, EWUT Wuta, EWUT Wuta, ETL Fush Village, ETL Fush Village, ETL Fush Village, NACB Ninganchiao, NACB Ninganchiao, TWC Suao, TWC Suao, NDS Dongschan, NDS Dongschan, NDS Dongschan, ETL Xiulin Townshi, ETL Xiulin Townshi, TWD Chiawan, TWD Chiawan, NDT Datong Townshi, NDT Datong Townshi, ENT T Nioudou, ENT T Nioudou, ENT T Nioudou, NNSB Datong, NNSB Datong, NNSB Datong, NNSH Datong, NNSH Datong, NNS Nan Shan, NNS Nan Shan, NNS Nan Shan, TWE Neicheng, TWE Neicheng, HWA Hualien, HWA Hualien, HWA Hualien, ILA Ilan, ILA Ilan, ETM Tongmen, ETM Tongmen, YHNB Yeheng, YHNB Yeheng, NWLT Wuai, NWLT Wuai, NSK Sanguang, NSK Sanguang, WHF Hehuan Shan, WHF Hehuan Shan, NTC Toucheng, NTC Toucheng, TEYL Yantiau Villag, TEYL Yantiau Villag, TDCB Techu, TDCB Techu, CHGB Renai, CHGB Renai, ESL Shilin, ESL Shilin, TIPB Shuangxi, TIPB Shuangxi, NHDH Xindian Distri, NHDH Xindian Distri, TWA Mucha, TWA Mucha, OWD Renai, OWD Renai, TATO Taipei, TATO Taipei, TWB1 Santiao Chiao, TWB1 Santiao Chiao.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include PB05 IOPC Station P, PB15 IOPC Station P, PB15 IOPC Station P, PB05 IOPC Station P, PB11 IOPC Station P, PB11 IOPC Station P, PB10 IOPC Station P, LPAZ La Paz, H03N1 Juan Fernandez, H03N2 Juan Fernandez, H03N3 Juan Fernandez, BDFB Brasilia, TXAR Lajitas Array, TXAR Lajitas Array, TORD Torol Ar. Bea, H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, H11S3 WAKE ISLAND, H11N3 WAKE ISLAND, H11N2 WAKE ISLAND, H11N1 WAKE ISLAND.

TUL 02 14:43:51.3, 0.9, 36.77N, 0.03, 98.54W, 0.04, h6km, 7km, ML3.0, mb, Lg2.870(NEIC), Error ellipse: s-maj=5.4km, s-min=3.7km, az=120.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include OK032 Salt Plains WL, CROK Carrier, KAN10 Anthony SW Sta, KAN10 Grant County #, U32A Winter Ranch, U32A Winter Ranch, U32A Winter Ranch, U32A Winter Ranch, U32A Winter Ranch, U32A Winter Ranch, KAN08 Anthony NE Sta, KAN17 Caldwell West, KAN08 Caldwell North, KAN09, KAN13 South Haven SW, KS20 Mayfield South, BLCK Blackwell, OK029 Liberty Lake, OK029 Liberty Lake, BCOK Bluff Creek, N, OK025 Westminster Rd, QUOK Quay, OK031 S. Brethren Rd, OKCFA Oklahoma City, OKCFA Oklahoma City, OKCFA Oklahoma City, OKCFA Oklahoma City, OKCWS OKLAHOMA CITY, T35A Sooner Cattle, T35B Sooner Cattle, T35B Sooner Cattle, T35B Sooner Cattle, R32A Long Quarter, R32A Long Quarter, R32A Long Quarter, R32A Long Quarter, R32A Long Quarter, FNO Franklin, WMOK Wichita Mounta, WMOK Wichita Mounta, WMOK Wichita Mounta, X34A Smith Ranch, M, CBKS Cedar Bluff, CBKS Cedar Bluff, TUL1 Leonard, TUL1 Leonard, KSU1 Kansas State U, KSU1 Kansas State U, LOOK Love County, AMTX Amarillo, AMTX Amarillo, U38A Gravette, U38A Gravette, U38A Gravette, X37A Clayton.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include X37A Clayton, X37A Clayton, Z35A Perchaven, Z35A Perchaven, HHAR Hobbs, KSCO Kaye Shedlock, KSCO Kaye Shedlock, KSCO Kaye Shedlock, N33B J Bar K, Exete, N33B J Bar K, Exete, N33A J Bar K, Exete, W39A Magazine, W39A Magazine, W39A Magazine, S39A Bolivar, S39A Bolivar, S39A Bolivar, Z38A Mt. Pleasant, U40A Yelville, U40A Yelville, U40A Yelville, U40A Yelville, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, T25A Trinidad, T25A Trinidad, WHTX Lake Whitney, P38A Dawn, P38A Dawn, P38A Dawn, OGNB Ogallala, MGMO Mountain Grove, MGMO Mountain Grove, X40A Basin Creek, X40A Basin Creek, X40A Basin Creek, X40A Basin Creek, R40A Maddies Station, R40A Maddies Station, R40A Maddies Station, FCAR Ozark Folk Cen, FCAR Ozark Folk Cen, 237A Washetta, 237A Washetta, WLAR White Oak Lake, N38A Jose South For, P40A Paris, P40A Paris, LCAR Lake Charles, LCAR Lake Charles, 435B Jarrell, CCAR Cane Creek, JCT Junction City, PBMO Poplar Bluff, SCIA State Center, S44A Carbondale, SIUC Southern Illin, OXF Oxford, T45A Paducah, R3WV Rawlins, K22A Casper, L42A Oliver, Polo, JFWS Jewell Farm, T47A Sharon Grove, WCI Wyandotte Cave.

TAP 02 14:52:32.4, 25.36N, 122.48E, h244km, ML3.6, B JMA 02 14:52:34.3, 0.2, 25.31N, 122.42E, h219km, 3km, M3.6

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include PCYT Pengchayia, TWB1 Santiao Chiao, TWB1 Santiao Chiao, TWB1 Santiao Chiao, TNOU National Taiwa, TNOU National Taiwa, NWF Wu-fen Shan, NWF Wu-fen Shan, WFSB Wu-fen Shan, WFSB Wu-fen Shan, TIPB Shuangxi, TIPB Shuangxi, NTC Toucheng, NTC Toucheng, YM08 YM08, YM08 YM08, TWB1 Santiao Chiao.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include IDC 02 14:43:26.4, 2.8, 22.68S, 69.24W, h0km, mb3.6/3, mb1.3/8/4, mb1mx3.6/17, mbtmp3.6/4, ML3.4/1, Error ellipse: s-maj=69.1km, s-min=37.3km, az=24.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include GUC 02 14:43:44.3, 0.7, 21.46S, 68.93W, h105km, 3km, ML3.9

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Rows include ISC 02 14:43:44.6, 0.9, 21.47S, 68.95W, h108km, 8km, h27, c074/31, 10C-1D, Chile-Bolivia border region

ESDC comp-Z,1.0nm,0.8s,baz=18,slow=3.9,SNR=5.2
TORO Torodi Arr Be 165.92 267 PKPab PKPab 16 57 11.8 -0.7

NEIC 02 16:40:06.8:1.5,3.13N:0.07:124.42E:0.03,h31km,8km,
mb4.3/61,Error ellipse: s-maj=10.0km s-min=4.4km

DJA 02 16:40:07.8:0.9,3.1N:10.12'E:1.24E:0.03,h302km,7km,M4.4/12,
mb4.3/6,mb4.8/6,M/LV,7/12,Mw(mb)4.0/6

IDC 02 16:40:08.3:1.6,3.11N:124.48E,h328km,18km,mb3.4/11,
mb1.3/6/14,mb1mx3.4/37,mbmp4.2/14,Error ellipse:
s-maj=16.9km s-min=9.5km az=86.0

MAN 02 16:40:08.1,4.04N:124.36E,h389km,mb4.5,ML3.3,
MS3.1

ISC 02 16:40:05.3:0.3,3.13N:0.04:124.48E:0.05,h296km,n116,
r158/122,mb4.3/44,1C,Celebes Sea

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

Table with columns: STKA, JHC, JTM, USRK, USRK, ERM, ARMA, ARMA, GTA, GTA, ARMA, ARMA, PKIN, PKIN, KAN, KAN, KKN, KKN, GKN, GKN, KOLN, KOLN, PYUN, PYUN, SONM, SONM, WMQ, WMQ, MK31, MK31, MKAR, MKAR, MKAR, MKAR, PETK, PETK, MAKZ, MAKZ, PET, PET, KDJ, KDJ, MA2, MA2, KKK31, KKK31, KKKAR, KKKAR, KKKAR, KKKAR, LBLZ, LBLZ, TUWZ, TUWZ, KHZ, KHZ, ABKAR, ABKAR, HLB, HLB, SDPT, SDPT, ILAR, ILAR, TXAR, TXAR. Lists seismic stations and their parameters.

IDC 02 16:43:28.1:4.4,18.53N:145.36E,h400km,46km,
mb3.2/12,mb1.3/4/14,mb1mx3.1/36,mbmp4.0/14,Error
ellipse: s-maj=25.8km s-min=15.9km az=104.0

NEIC 02 16:43:41.0:1.7,19.0N:0.1:145.0E:0.1,h529km,5km,
mb4.1/5/2,Error ellipse: s-maj=17.3km s-min=16.7km
az=187.0

ISC 02 16:43:28.3:0.6,18.54N:0.08:145.3E:0.1,h400km,n79,
r103/76,mb4.0/30,Mariana Islands

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

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

NEIC 02 18:02:51.9:1.5,43.68N:0.03:105.27W:0.06,h0km,2km,
ML3.2/26,Error ellipse: s-maj=7.8km s-min=4.7km
az=108.0

IDC 02 18:02:52.2:1.6,43.99N:105.165W,h0km,mb3.6/1,
mb1.3/7/4,mb1mx3.4/41,mbmp3.5/4,ML3.5/3,MS3.6/4,
Ms1.3/5.4,ms1mx2.5/56,Error ellipse: s-maj=54.3km
s-min=8.6km az=148.0

ISC 02 18:02:51.3:1.0,43.69N:0.06:105.32W:0.06,h0km,n29,
r192/74,MS3.6/4,Wyoming

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

TUL 02 18:04:53.4:0.7,36.85N:0.03:98.24W:0.04,h5km,7km,
ML2.6,mb,Lg2.4/20(NEIC),Error ellipse: s-maj=4.8km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HATJ Hateruma jima, NHDH Xindian Distri, HWA Hwalien, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TAP 02 18:47:35.7, EGFG Guangfu, TEGC Jichi Village, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WPL Full, WHYT Kim Township, FUSU Fushou, etc.

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

VAO 02 18:57:43.6, 0.4, 10.31N, 62°53'W, h10km, mb4.4
NEIC 02 18:57:46.5, 1.7, 10.60N, 02:02:62.48W, 0.08, h61km, 9km,
Error ellipse: s-maj=11.7km s-min=0.9km az=77.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CRUV Carupano, TRN Trinidad (W), TPP Pointe-a-Pierr, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BAMF Morne Balai, SVN Savane Anatole, SVN Savane Anatole, etc.

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

2d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like NBPA, NBNP, NBLV, etc.

TEH 02 19:36:19.5, 0.30'05N, 171.65E, h9km, ML3.5
THR 02 19:36:20.0, 0.9, 0.30'03N, 171.65E, h16km, km, ML3.6
ISC 02 19:36:20.4, 1.0, 0.30'07N, 171.65E, h0.04, h15km, n27,
i189/29, Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CHMN, CHNM, TVBK, etc.

IDC 02 19:40:53.1, 0.9, 52.06'N, 169.59'W, h0km, mb4.0/22,
mb1.4/124, mb1mx3.9/62, mbtmp4.0/24, ML3.7/2, MS3.4/1,
Ms1.3/3.1, ms1mx2.4/59, Error ellipse: s-maj=24.2km
s-min=14.0km az=170.0
NEIC 02 19:40:55.5, 2.1, 51.90'N, 168.169, 36'W, 0.09,
h20km, 13km, Error ellipse: s-maj=13.4km s-min=6.7km
az=152.0
AEIC 02 19:40:56.3, 1.5, 52.06'N, 169.52'W, 0.09, h66km, 7km,
ML3.4, mb3.8/(NEIC), Error ellipse: s-maj=12.8km
s-min=6.6km az=158.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like IDC, KHKH, OKSP, etc.

2015 AUG

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KIWB, KIMC, KIMD, etc.

MOS 02 20:04:10.8, 1.0, 18.37'N, 146.33'E, h68km, mb5.2/32,
MS4.6/12, Error ellipse: s-maj=9.3km s-min=4.4km
az=108.4
NEIC 02 20:04:10.6, 2.1, 18.39'N, 146.6E, 0.1, h46km, 5km,
mb5.3/129, Error ellipse: s-maj=14.6km s-min=9.8km
az=84.0

IDC 02 20:04:11.0, 0.4, 18.37'N, 146.46'E, h54km, 3km, mb4.8/48,
mb1.4/85/1, mb1mx4.8/59, mbtmp5.1/51, MS4.6/39,
Ms1.4/6.39, ms1mx4.5/44, Error ellipse: s-maj=11.4km
s-min=6.1km az=92.0

GCMT 02 20:04:11.6, 0.1, 18.33'N, 146.73E, 0.01, h25km,
MW5.4/128, Moment Tensor Solution. s100,c155,
s128,c210; Duration: 1s3 Moment tensor: Scale 1017
Nm; Mn:0.47e-01; Mm:0.04e-01; M0:0.42e-01;
Mn:0.98e-03; Mm:0.19e-01; M0:1.49e-04; Best double
couple: M1.85100e-10/17; NP1.7e10/320000; .87.000000";
.113.000000"; NP2.3e27/200000; .883.000000"; .87.000000";
Principal axes: T1.8410, P1g52.0000"; Azm233.0000";
N1.01910, P1g3.0000"; Azm327.0000"; P-1.86100,
P1g37.0000"; Azm60.0000"; nsta1 refers to body waves,
cutoff=400s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function

BUI 02 20:04:12.0, 2.0, 3.18'36"N, 146.55E, 0.04, h68km, 2km,
h68km; p-P, n725, e1984/792, mb5.2/243, 21C-10D,
Mariana Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like H11S2, H11N1, H11N1, etc.

USRK	comp=Z,0.7nm,0.6s,baz=149,slow=5.9,SNR=2.8	ScP	SS	20 16 48.9 +1.6
USRK	comp=Z,723nm,21.9s,baz=139,slow=34	LR	LR	20 20 18.2
USRK	USSuriyok Ar.	28.52 338	P	20 10 02.1 +0.8
SANI	Sanana	28.65 227	P	20 10 04.9 +2.1
YSS	Yuzh-Sakhalins	28.69 355	eP	20 10 04.0 +1.2
YSS	comp=N,500nm,18.0s	eS	MLR	20 14 48.5 +1.7
YSS	comp=N,500nm,18.0s	MLR	MLR	
NLAI	comp=Z,600nm,18.0s	MLR	MLR	
NLAI	Namlea	26.77 224	P	20 10 04.9 +1.1
MDJ	comp=Z,1umcomp=Z,47nm,0.7s	P	P	20 10 13.2 +0.7
MDJ	Mudanjiang	29.79 335	P	20 10 30.2 -2.4
MDJ	comp=Z,1umcomp=Z,47nm,0.7s	pP	pP	20 10 35.5 +0.3
MDJ	comp=Z,1umcomp=Z,47nm,0.7s	sP	sP	20 13 15.2 +0.5
MDJ	comp=Z,1umcomp=Z,47nm,0.7s	PcP	PcP	20 15 06.0 +1.9
MDJ	comp=Z,1umcomp=Z,47nm,0.7s	S	S	20 15 38.9 +8.7
MDJ	comp=Z,1umcomp=Z,47nm,0.7s	SS	SSnSn	20 16 40.4 0.0
MDJ	comp=Z,1umcomp=Z,47nm,0.7s	pmax	pmax	
MDJ	comp=Z,14nm,0.8s	pmax	pmax	
MDJ	comp=Z,140nm,4.9s	LR	LR	
MDJ	comp=Z,540nm,14.8s	LR	LR	
MDJ	comp=Z,800nm,13.6s	LR	LR	
MDJ	comp=Z,910nm,24.1s	LR	LR	
MDJ	Mudanjiang	29.79 335	P	20 10 12.6 +0.1
DL2	Dalian	29.80 319	P	20 10 16.4 +3.7
DL2	comp=Z,46nm,1.2s	S	S	20 15 10.1 +5.7
DL2	comp=Z,46nm,1.2s	pmax	pmax	
DL2	comp=Z,470nm,13.8s	LR	LR	
DL2	comp=Z,360nm,16.1s	LR	LR	
DL2	comp=Z,790nm,21.2s	LR	LR	
MRSI	Marisa	30.00 236	P	20 10 17.0 +2.3
MRSI	comp=Z,717nmcomp=Z,59nm,1.6s	P	P	20 10 17.9 -1.1
SNY	Shenyang	30.52 325	flP	20 15 15.0 -0.6
SNY	comp=Z,9.0nm,0.8s	S	S	
SNY	comp=Z,48nm,3.5s	pmax	pmax	
SNY	comp=Z,540nm,14.9s	LR	LR	
SNY	comp=Z,500nm,16.7s	LR	LR	
SNY	comp=Z,1um,24.7s	LR	LR	
HNR	Honiara	30.61 153	LR	20 22 27.4
APSI	Ampana	31.09 325	P	20 10 26.5 +2.2
TIA	Tai'an	31.45 310	P	20 10 28.1 +0.8
MPSI	Mapaga	31.72 239	P	20 10 34.5 +4.6
TYV	Tymovskoe	32.58 355	eP	20 10 37.3 +0.3
TYV	comp=Z,14nm,1.2s	eS	pmax	20 15 49.1 +1.5
TYV	comp=Z,100nm,5.1s	pmax	pmax	
TYV	comp=E,500nm,4.6s	smax	smax	
TYV	comp=Z,1um,21.0s	MLR	MLR	
KLR	Kul'dur	33.04 342	P	20 10 41.3 +0.3
KLR	comp=Z,86nm,0.8s,baz=150,slow=9.2,SNR=283	PcP	PcP	20 13 24.5 +1.2
KLR	comp=Z,16nm,0.8s,baz=266,slow=1.5,SNR=612	S	S	20 17 04.8 +3.0
KLR	comp=Z,1.9nm,0.6s,baz=138,slow=8.3,SNR=2.6	ScP	ScP	20 10 41.5 +0.5
KLR	Kul'dur	33.04 342	eP	20 10 41.5 +0.5
SKR	Severo-Kuril's	33.14 11	eP	20 10 42.9 +1.0
SKR	comp=Z,32nm,1.5s	ePPP	PPP	20 11 03.9
SKR	comp=Z,300nm,16.0s	eSSS	SSS	20 11 57.6
SKR	comp=Z,300nm,16.0s	eSSS	SSS	20 16 00.9 +4.6
SKR	comp=Z,300nm,16.0s	pmax	pmax	20 18 28.0
SKR	comp=Z,300nm,16.0s	MLR	MLR	
SKR	comp=Z,400nm,16.0s	MLR	MLR	
KKSI	Kolaka, Sulawesi	33.22 230	P	20 10 45.3 +2.3
GRNR	Gornyy	33.33 348	flJP	20 10 44.8 +1.2
GRNR	comp=N,5.0nm,0.6s	eS	S	20 16 01.7 +2.3
GRNR	comp=Z,20nm,0.6s	pmax	pmax	
GRNR	comp=N,1.0nm,0.5s	smax	smax	
TTSI	Tana Toraja	33.85 234	P	20 10 50.5 +2.0
BTO	Beijing	33.94 316	P	20 10 46.0 -3.0
BJI	comp=N,2umcomp=N,216nm,0.8s	pP	pP	20 11 04.4 +0.1
BJI	comp=N,2umcomp=N,216nm,0.8s	sP	sP	20 11 14.4 +2.6
BJI	comp=N,2umcomp=N,216nm,0.8s	PcP	PcP	20 13 26.0 0.0
BJI	comp=N,2umcomp=N,216nm,0.8s	S	S	20 16 09.0 0.0
BJI	comp=N,16nm,1.3s	pmax	pmax	
BJI	comp=N,500nm,19.1s	LR	LR	
BJI	comp=N,530nm,21.9s	LR	LR	
BNSI	Bone	34.51 232	P	20 10 56.4 +2.2
MTN	Manton Dam	34.53 207	P	20 10 53.6 -0.8
MTN	comp=Z,29nm,0.6s	IAMB	IAMB	20 10 57.5
QIZ	Qiongzong	34.74 277	P	20 11 01.3 +5.1
QIZ	comp=Z,26nm,0.7s	pP	pP	20 11 11.8 +0.1
QIZ	comp=Z,26nm,0.7s	S	S	20 16 25.3 +3.4
QIZ	comp=Z,26nm,0.7s	pmax	pmax	
QIZ	comp=Z,400nm,20.6s	LR	LR	
QIZ	comp=Z,830nm,21.5s	LR	LR	
BKSI	Bulukumba	35.11 230	P	20 11 00.8 +1.4
KAPI	Kappang	35.18 231	P	20 11 00.3 +0.3
KAPI	Kappang	35.18 231	P	20 11 01.0 +1.0
KAPI	comp=Z,71nm,0.8s	pmax	pmax	
KAPI	Kappang	35.18 231	P	20 11 01.0 +1.0
KAPI	Kappang	35.18 231	P	20 11 01.3 +1.3
BSSI	Bau Bau, Buton	35.41 229	P	20 11 03.4 +1.5
MKS	Makassar	35.52 231	P	20 11 05.0 +2.1
SOEI	Soe	35.55 220	P	20 11 02.1 -1.2
SOEI	comp=Z,1umcomp=Z,136nm,0.8s	P	P	20 11 02.6 -0.7
PEAOB	Petrovsk	35.75 12	eP	20 11 05.8 +1.1
PEAOB	Petrovsk	35.75 12	P	20 11 05.8 +1.3
PEAOB	comp=Z,44nm,1.3s	IAMB	IAMB	20 11 21.8
PETK	Petrovsk	35.75 12	P	20 11 05.9 +1.4
PETK	comp=Z,5.5nm,0.8s,baz=188,slow=9.9,SNR=12	pP	pP	20 11 16.6 -3.2
PETK	comp=Z,4.5nm,0.9s,baz=182,slow=6.4,SNR=8	PcP	PcP	20 13 32.1 +1.0
PETK	comp=Z,4.5nm,0.9s,baz=182,slow=6.4,SNR=8	S	S	20 17 13.0 +1.7
PETK	comp=Z,2.4nm,0.9s,baz=208,slow=5.7,SNR=2.8	ScP	ScP	20 23 37.2

comp=Z,1um,21.7s,baz=196,slow=33	35.75 12	P	P	20 11 05.7 +1.2
PETK	Petrovsk	35.75 12	P	20 11 04.7 -0.7
PETK	Petrovsk	35.86 12	eP	20 11 24.9 -0.9
PETK	comp=Z,41nm,1.3s	eS	pmax	20 16 40.1 +1.9
PETK	comp=Z,100nm,9.6s	pmax	pmax	
PETK	comp=Z,900nm,18.0s	MLR	MLR	
PETK	comp=Z,900nm,20.0s	MLR	MLR	
MMRI	Maumere	35.99 224	P	20 11 07.0 +0.1
MMRI	Maumere	35.99 224	P	20 11 07.0 +0.1
BATI	Baumata	36.27 220	P	20 11 08.5 -0.9
BATI	comp=Z,123nm,0.5s,baz=254,slow=0.2,SNR=58	pP	pP	20 11 23.4 -1.5
BATI	Baumata	36.27 220	P	20 11 08.5 -0.9
BATI	comp=Z,165nm,0.6s,baz=103,slow=6.0,SNR=8.9	S	S	
EDFI	Ende, Flores	36.44 224	P	20 11 11.5 +0.6
EDFI	comp=Z,321nmcomp=Z,228nm,0.7s	P	P	
MTKI	Muara Teweh, K	36.56 242	P	20 11 13.0 +1.1
MTKI	comp=Z,796nmcomp=Z,79nm,0.7s	P	P	
KBKI	Kotabaru	36.87 237	P	20 11 16.2 +1.8
XAN	Xian	36.97 303	P	20 11 17.4 +2.2
XAN	comp=Z,6.0nm,1.3s	PP	PP	20 12 46.1 +5.6
XAN	comp=Z,49nm,6.8s	S	S	20 16 57.5 +1.8
XAN	comp=Z,460nm,16.3s	SS	SS	20 17 27.7 +5.6
XAN	comp=Z,690nm,15.4s	SSnSn	SSnSn	20 19 29.9 -4.8
XAN	comp=Z,1um,19.0s	ScS	ScS	20 21 22.6 -1.2
XAN	comp=Z,49nm,6.8s	pmax	pmax	
XAN	comp=Z,460nm,16.3s	LR	LR	
XAN	comp=Z,690nm,15.4s	LR	LR	
SBUM	Sibu	37.17 249	P	20 11 18.0 +1.0
HHC	Hu-ho-hao-te	37.42 314	eP	20 11 21.7 +2.7
HHC	comp=Z,14nm,1.0s	S	S	20 17 06.2 +3.7
HHC	comp=Z,73nm,5.0s	pmax	pmax	
HHC	comp=Z,730nm,16.4s	LR	LR	
HHC	comp=Z,610nm,14.3s	LR	LR	
HHC	comp=Z,910nm,14.6s	LR	LR	
GYA	Guiyang	37.63 290	flP	20 11 22.9 +2.0
GYA	comp=Z,69nm,7.5s	pP	pP	20 11 40.3 -0.6
GYA	comp=Z,440nm,18.5s	ScP	ScP	20 17 08.7 +2.6
GYA	comp=Z,330nm,21.2s	pmax	pmax	20 17 22.1 +3.0
GYA	comp=Z,480nm,20.2s	pmax	pmax	
BKBI	Banjar Baru	38.03 238	P	20 11 25.4 +1.1
PKKI	Palangkaraya	38.05 241	P	20 11 26.2 +1.8
KNRA	Kunurra	38.09 208	P	20 11 24.1 -0.5
CTA	Charters Tower	38.21 180	P	20 11 25.8 +0.2
CTA	comp=Z,18nm,0.8s,baz=350,slow=19.7,SNR=24	pP	pP	20 11 41.0 -0.2
CTA	comp=Z,633nm,22.0s,baz=344,slow=34	LR	LR	20 26 02.8
CTAO	Charters Tower	38.21 180	P	20 11 25.9 +0.2
CTAO	comp=Z,82nm,1.5s	pmax	pmax	
CTAO	Charters Tower	38.21 180	IAMB	20 11 25.9 +0.2
CTAO	comp=Z,82nm,1.5s	IAMB	IAMB	20 11 41.9
ZEA	Zeya	38.34 342	eP	20 11 26.4 0.0
ZEA	comp=N,30nm,0.9s	sP	sP	20 11 48.3 -1.0
ZEA	comp=Z,40nm,0.9s	eS	S	20 17 11.7 -4.2
ZEA	comp=Z,40nm,0.9s	pmax	pmax	20 21 33.8
ZEA	comp=Z,100nm,1.8s	smax	smax	
ZEA	comp=N,100nm,6.4s	smax	smax	
ZEA	comp=E,100nm,16.0s	MLR	MLR	
ZEA	comp=N,200nm,13.0s	MLR	MLR	
ZEA	comp=Z,200nm,17.0s	MLR	MLR	
BTO	Baotou	38.37 313	eP	20 11 28.7 +1.7
BTO	comp=Z,2um,16.6s	S	S	20 17 15.8 -1.2
BTO	comp=Z,2um,17.9s	LR	LR	
WBSI	Waikabubak, Su	38.63 226	P	20 11 27.7 -1.7
STKI	Sintang	38.96 246	P	20 11 34.1 +2.0
PLAI	Plampang	39.20 229	P	20 11 34.6 +0.6
WBO	Warrungama Arr	39.72 198	P	20 11 37.2 -1.1
WBO	comp=Z,46nm,0.8s	IAMB	IAMB	20 11 41.7
TWSI	Taliwang, Sumb	39.78 230	P	20 11 38.8 -0.1
WR0	Warrungama Arr	39.86 198	P	20 11 38.6 -0.8
WR0	comp=Z,51nm,0.7s	IAMB	IAMB	20 11 42.5
WRAB	Tennant Creek	39.89 198	eP	20 11 38.5 -1.2
WRAB	comp=Z,90nm,0.8s	pmax	pmax	
WRB	Warrungama Arr	39.90 198	P	20 11 39.0 -0.8
WRB	Warrungama Arr	39.90 198	P	20 11 38.9 -0.9
WRA	comp=Z,66nm,0.8s,baz=119,slow=9.2,SNR=142	PcP	PcP	20 13 45.1 +0.7
WRA	comp=Z,3.3nm,0.6s,baz=115,slow=3.3,SNR=2.1	S	S	20 17 28.4 +0.8
WRA	comp=Z,5.3nm,0.8s,baz=111,slow=4.3,SNR=7.3	LR	LR	20 28 17.2
WRA	comp=Z,775nm,21.3s,baz=20,slow=36	P	P	20 11 39.4 -0.4
WRA	Warrungama Arr	39.90 198	P	20 13 44.7
WRA	comp=Z,2.0nm,0.8s	pmax	pmax	
WRA	Warrungama Arr	39.90 198	P	20 11 39.4 -0.4
WRA	comp=Z,2umcomp=Z,286nm,0.8s	pP	pP	20 13 47.3 +0.4
WRA	SLVN	40.14 282	IAMB	20 11 43.1 +1.2
WRA	SLVN	40.14 282	IAMB	20 11 49.3
KLNI	Mataran	40.15 231	P	20 11 42.6 +0.7
PBKI	Pangkalan Bun	40.22 242	P	20 11 44.2 +1.6
SKNT	Sakolnako	40.52 275	P	20 11 48.0 +2.9
SKNT	comp=Z,22nm,0.7s	P	P	20 11 48.0 +2.9
SKNT	comp=Z,22nm,0.7s	P	P	20 11 46.8 +1.3
CD2	Chendgu	40.62 296	P	20 11 46.8 -1.0
CD2	comp=Z,167nm,0.8s	sP	sP	20 12 12.9 +4.0
CD2	comp=Z,167nm,0.8s	PP	PP	20 13 24.6 -0.4
CD2	comp=Z,20nm,0.5s	P	P	20 17 49.8 -1.1

CD2	comp=Z,940nm,27.3s	LR	LR	
CD2	comp=Z,880nm,17.2s	LR	LR	
KMMI	Kalianget	40.88 235	P	20 11 50.1 +2.1
KMI	Kunming	41.11 287	flP	20 11 52.9 +2.8
KMI	comp=Z,93nm,0.9s	pP	pP	20 12 07.3 +1.4
KMI	comp=Z,93nm,0.9s	eP	eP	20 12 17.2 +3.9
KMI	comp=Z,93nm,0.9s	PP	PP	20 13 30.7 -0.3
KMI	comp=Z,93nm,0.9s	ScP	ScP	20 17 35.9 +3.2
KMI	comp=Z,93nm,0.9s	S	S	20 17 58.6 0.0
KMI	comp=Z,93nm,0.9s	SS	SS	20 18 30.3 +5.0
KMI	comp=Z,6.0nm,1.0s	pmax	pmax	
KMI	comp=Z,75nm,4.2s	pmax	pmax	
KMI	comp=Z,420nm,21.5s	LR	LR	
KMI	comp=Z,350nm,24.1s	LR	LR	
KMI	comp=Z,660nm,25.3s	LR	LR	
NONG	Nongkai	41.16 277	P	20 11 54.9 +4.6
NONG	Nongkai	41.16 277	P	20 11 55.0 +4.6
MA2	Magadan	41.28 3	P	20 11 52.0 +1.3
MA2	Magadan	41.28 3	P	20 11 51.7 +1.0
MA2	Magadan	41.28 3	P	20 11 51.2 +0.5
BYJI	Yanzhuwangi	41.31 333	P	20 12 02.8 +1.1
LZH	Lanzhou	41.51 204	eP	20 11 54.7 +1.6
LZH</				

2d 20h

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, h, m, s, ISC. Includes stations like S22A, ISCO, MDND, PABE, AKASG, etc.

2015 AUG

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MVO, ESDC, MTE, PCBR, etc.

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Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JYNG, YOJ, YOJ, etc.

NEIC 02 20:35:30.8±2.3, 18.33N±146.60E±0.1, h53km, 19km, mb4.3/11, Error ellipse: s-maj=31.1km s-min=8.5km az=206.0

IDC 02 20:35:40.6±4.5, 18.33N±146.30E, h102km±40km, mb3.3/6, mb1.3/6.7, mb1mx3.2/46, mbtm3.3/7, Error ellipse: s-maj=54.3km s-min=24.7km az=30.0

ISC 02 20:35:35.6±0.9, 18.411N±146.148E±0.2, h100km, n23, ±232.0, mb3.8/9, Mariana Islands

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO, GUMO, PATS, etc.

Table with columns: OWD, Renai, 1.63 237 eP, Pn, 20 41 59.5 +0.3, etc. Includes stations like Taichung City, Puli Township, Beigang Elemen, etc.

Table with columns: SLIU, Shizi, 1.07 237 eP, Pg, 20 42 06.5 -1.4, etc. Includes stations like Yanliao Villag, Jiahsian, Alishan, etc.

Table with columns: PCG, Taichung, 1.68 324 eP, Pb, 20 42 18.8 +1.2, etc. Includes stations like Guoerlin Hig, Zhonghua, Suao, etc.

TAP 02 20:41:48.9, 22:81N, 121:68E, h10km, ML3.3, C
JMA 02 20:41:49.1, 0.3, 22:86N, 121:72E, h4km, M3.0
ISC 02 20:41:47.2, 1.0, 22:80N, 0:02, 121:77E, 0.02, h17km, 7km,
n124, s1910/200, 1D, Taiwan region

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists stations from Ludao to Masbt.

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists stations from Shizi to Datong.

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists stations from Taichung to Pratas Island.

GCG 02 20:44:17.6, 0.7, 14:21N, 90:86W, h160km, MD3.6
SNET 02 20:44:18.0, 0.9, 13:47N, 90:15W, h75km, ML2.8
ISC 02 20:44:16.6, 3.1, 13:5N, 0:3, 90:0W, 0.1, h100km, n10,
c203/14, 4C, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like Las Nubes, Cerro Verde, San Blas, etc.

IDC 02 21:03:46.5, 1.6, 15:68S, 173:56W, h0km, mb3.8/7,
mb1 4.2/7, mb1mx3.8/41, mb1mp3.8/7, MS3.4/5, Ms1 3.4/5,
ms1mx3.2/27, Error ellipse: s-maj=76.9km
s-min=24.5km az=153.0, Tonga Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OBN Obninsk, BELG Belogornoye, AKASG Malin Array Be, CMAR Chiang Mai Arr, etc.

TUL 02 21:25:24.5-1.1, 36.68N, 0.01:97.86W, 0.02, h6km, 5km, ML2.7, mb_Lg2.5/29(NEIC), Error ellipse: s-maj=2.2km, s-min=1.6km, az=122.0

NEIC 02 21:25:24.5-0.7, 36.67N, 0.01:97.85W, 0.02, h7km, 4km, Error ellipse: s-maj=2.5km, s-min=1.7km, az=121.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GC02 Grant County #, OK032 Salt Plains WL, KAN17 Caldwell West, etc.

NIED 02 21:57:56.9, 38.28N, 141.62E, h53km, MW3.4, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mw:0.96; Ms:0.58; Mb:0.38; Mo:0.39; Mw-0.37Nm; Fault plane solution: Mo:1.3700x10^14 NP1:0.32, 0.0000, 570.00000, 1.77.00000, NP2:0.245, 0.0000, 824.00000, 1.21.00000.

JMA 02 21:57:56.8, 38.28N, 141.62E, h53km, 1km, M3.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIKH Ishinomakikobu, JIO Ouri, JKMT Kesennumamotory, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JFT Otama, JFT Rokugo, JRG Atsumi, etc.

TAP 02 22:06:34.5, 24.45N, 122.89E, h69km, ML3.1, C

JMA 02 22:06:34.7-0.1, 24.46N, 122.87E, h68km, 1km, M2.9

ISC 02 22:06:35.3-1.2, 24.40N, 122.87E, 0.02, h63km, 7km, 1103, 1906/173, 1C, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EHY Hungye, EHY Hungye, ECBN Chagbin, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like KAN13, 237A, 237B, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like TX31, TX32, TX33, etc.

ISC 03 00:02:11.1±0.9, 52.13N, 169.66W, h0km, mb3.9/22, mb1 4.0/24, mb1mx3.9/59, mbtmp3.9/24, ML3.7/2, Error ellipse: s-maj=25.3km s-min=15.4km az=164.0

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

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like GLI, HNT, TRF, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like VRDI, MDM, MCARA, etc.

MDD 03 00:07:30.9±2.2, 43.51N, 116.50W, h0km, mb4.0/13, Error ellipse: s-maj=22.5km s-min=19.9km az=9.0, PRXIMO INMG 03 00:07:33.1±1.8, 43.58N, 116.85W, h10km, ML2.4, Error ellipse: s-maj=9.3km s-min=7.1km az=70.0

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Manteigas, Calabor, ECAL, MVO, PMTG, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO, MSVF, DZM, URZ, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UHL, KZA, EKS2, etc.

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

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

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

IDC 03 02:47:13.3z.3.8, 0.22S; 16.96W, h0km, mb3.6/4, mb1 3.9/6, mb1mx3.6/34, mbtmp3.8/6, ML4.0/2, MS3.4/7, Ms1 3.4/7, ms1mx3.1/29, Error ellipse: s-maj=107.4km s-min=58.5km az=153.0

ISC 03 02:47:14.3z.2.3, 0.40S; 0.4z.16:8W, 0.3, h10km, n17, 0.19z20/7, mb3.8/4, MS3.4/6, North of Ascension Island

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

IDC 03 02:49:58.4z.2.0, 0.02S; 16.93W, h0km, mb3.9/5, mb1 4.1/7, mb1mx3.7/35, mbtmp4.1/7, ML4.3/2, MS3.4/1, Ms1 3.4/1, ms1mx2.7/25, Error ellipse: s-maj=65.6km s-min=39.3km az=121.0

NEIC 03 02:50:04.8z.1.8, 0.1N; 0.2z.16:4W, 0.2, h10km, 1km, mb4.2/8, Error ellipse: s-maj=56.7km s-min=8.4km az=132.0

ISC 03 02:50:00.7z.1.4, 0.1S; 0.2z.16:7W, 0.2, h13km, n28, 0.19z21/20, mb4.1/8, North of Ascension Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, FINES FINES Array B, etc.

IDC 03 04:00:58.1z.0.9, 1.47S; 66.83E, h0km, mb3.9/5, mb1 4.1/5, mb1mx3.6/34, mbtmp3.9/5, MS3.5/5, Ms1 3.5/5, ms1mx3.0/27, Error ellipse: s-maj=38.7km s-min=24.2km az=173.0

NEIC 03 04:01:01.4z.1.8, 1.48S; 0.2z.66:86E, 0.09, h10km, 1km, mb4.4/7, Error ellipse: s-maj=32.1km s-min=14.6km az=186.0

ISC 03 04:01:01.1z.0.8, 1.48S; 0.2z.66:9E, 0.1, h16km, n29, 0.19z19/19, mb4.2/8, MS3.4/5, Mid-Indian Ridge

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

IDC 03 04:18:58.0z.1.0, 2.22S; 63.88W, h539km, 16km, mb3.4/3, mb1 3.2/8, mb1mx2.9/27, mbtmp4.0/8, Error ellipse: s-maj=24.9km s-min=22.7km az=32.0

NEIC 03 04:18:59.1z.1.1, 2.19S; 0.1z.63:88W, 0.1, h536km, 6km, mb4.1/0, Error ellipse: s-maj=16.3km s-min=14.2km az=222.0

VAO 03 04:18:59.3z.0.2, 2.19S; 63.66W, h533km, 3km, mb3.7/3, Error ellipse: s-maj=16.3km s-min=14.2km az=222.0

ISC 03 04:18:58.9z.0.5, 2.19S; 0.06z.63:90W, 0.07, h536km, n100, 0.19z19/107, mb4.1/7, Southern Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YJA Yavi, MOCB Mochara, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VILB Vilhena, SALV Santo Antonio, ITOB Itaituba, etc.

NINC 03 04:45:47.4z.0.5, 4.34S; 78.40E, h0km, mb2.7, mpv2.9, Error ellipse: s-maj=5.1km s-min=2.9km az=11.0

KRNET 03 04:45:47.2z.0.1, 4.31S; 78.39E, h27km, mb2.8, SOME 03 04:45:48.6z.43.38N, 78.37E, h15km

ISC 03 04:45:48.3z.0.8, 43.42N; 0.02z.78:38E, 0.02, h16km, 6km, n44, 0.19z87/5, SC-112, Lake Issyk-Kul region

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like RAO Raoul Island, KNRA Kununurra, MTN Mantion Dam, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like CAN Canberra, WHZ Wether Hill, BBOO Buckleboe, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, SHL Shillong, etc.

IDD 03 05:16:36.50.4.53:06S:140:57E,h0km,mb4.5/15, mb1.4/6/15,mb1mx4.5/15,mbmp4.5/15,MS4.5/7, Ms1.4.5/7,ms1mx4.3/11,Error ellipse:s-maj=25.5km s-min=13.0km az=93.0

GCMT 03 05:16:39.0.1.3:21:03S:02:140:44E:0.107,h12km, MW:1.91, Moment Tensor Solution. s91c132: Duration: 0 Moment tensor: Scale 10^16Nm: Mr=3.78e-22; Mw:4.67e-15; Mo=0.88e-25; Mm:3.34e-72; Mo=0.99e-15; Mw=1.77e-12; Best double couple: Ms5.587000e1016 NP1=90.000000,865.000000,-83.000000. Principal axes: T 6.0840,Plg20.000000,Azm12.000000,-N -0.9910,Plg7.000000,Azm104.000000;P -5.0910,Plg69.000000,Azm212.000000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 03 05:16:39.0.1.1.53:11S:019:140:3E:0.2:h10km,1km, mb4.9/37 Error ellipse:s-maj=18.6km s-min=12.0km az=132.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BGR 03 05:16:39.1.0.0.53:19S:141:40E,h33km, etc.

KLMR	ARCES	ARCES Array S	63.34 339	ePP	PP	05 42 50.2 -2.4
ARAO	ARCES	ARCES Array B	63.34 339	eP	P	05 40 34.8 +0.4
ARCS	ARCES	ARCES Array B	63.34 339	eP	P	05 40 34.7 +0.3
comp-Z:6.9nm,0.7s,baz=58,slow=7.6,SNR=55						
ARCES	ARCES	ARCES Array B	63.34 339	eP	LR	06 12 06.3
comp-Z:109nm,1.1s,baz=55,slow=40						
ARCES	ARCES	ARCES Array B	63.34 339	eP	P	05 40 34.8 +0.4
comp-Z:36nm,1.5s						
ARCES	ARCES	ARCES Array B	63.34 339	eP	IAMB	05 40 36.1
BELG	Belogoroye		63.36 317	iP	P	05 40 34.7 0.0
comp-Z:17nm,1.4s						
GEYT	Alibeck		63.62 299	P	P	05 40 37.0 +0.2
comp-Z:9.9nm,0.7s,baz=203,slow=2.3,SNR=16						
GEYT	ALIBECK ARRAY		63.62 299	eP	LR	06 11 23.9
comp-Z:194nm,18.6s,baz=325,slow=39						
GYA0B	Mont Dzumac		63.96 154	eS	S	05 40 36.9 +0.1
DZM	Mont Dzumac		63.96 154	eS	S	05 49 13.2 +1.8
comp-Z:147nm,28.4s						
DZM	Mont Dzumac		63.96 154	eLR	LR	05 59 48.9
comp-Z:57nm,21.5s						
KTK1K	Kautokoino		64.30 339	eP	P	05 40 41.2 +0.5
JETT	Jettan, Norway		64.71 341	eP	P	05 40 44.3 +0.9
NEEM	North Greenlan		64.75 311	iP	P	05 40 44.4 +0.5
comp-Z:28nm,1.1s						
TRO	Tromso		65.05 341	eP	P	05 40 45.9 +0.4
D03D	Eldon		66.45 47	P	P	05 40 53.2 +1.8
comp-Z:301						
B05A	Bryant		66.65 46	P	P	05 40 57.6 +1.4
comp-Z:301						
MOS	Moscow		66.74 323	eP	P	05 40 56.1 -0.5
MOS	Moscow		66.74 323	e	P	05 41 27.6
MOS	Moscow		66.74 323	e	P	05 43 20.2
comp-Z:46nm,0.7s						
D04E	Lakebay		66.82 48	P	P	05 40 58.5 +1.2
comp-Z:301						
N2H	Innhavet		66.99 341	eP	P	05 40 58.5 +0.5
VRH	Novokhoporsk		67.13 318	eP	P	05 40 58.3 -0.9
comp-Z:40nm,0.5s						
STEI	Steigen		67.20 341	eP	P	05 40 59.7 +0.4
D05A	Ennumclaf		67.27 47	P	P	05 41 02.8 +2.6
D05A	Ennumclaf		67.27 47	IAMB	IAMB	05 41 27.5
comp-Z:30nm,1.5s						
N2NF	Nordfold		67.33 341	eP	P	05 41 00.6 +0.5
N2TV	Tyrnviik		67.50 340	eP	P	05 41 01.8 +0.6
FAUS	Fauske		67.59 340	eP	P	05 41 02.3 +0.5
OBN	Obninsk		67.59 323	iP	P	05 41 01.8 -0.2
OBN	Obninsk		67.59 323	eP	P	05 41 23.9
OBN	Obninsk		67.59 323	eS	S	05 43 28.9
OBN	Obninsk		67.59 323	eS	S	05 49 57.3 +2.6
comp-Z:36nm,1.2s						
OBN	Obninsk		67.59 323	eP	MLR	05 41 03.4 +0.6
comp-Z:172nm,17.0s						
NBB08	Skaug oppvekst		67.76 341	eP	P	05 41 03.1 -0.5
LPSR	Galich ya Gora		67.83 320	eP	P	05 41 03.1 -0.5
LPSR	Galich ya Gora		67.83 320	eP	P	05 41 03.1 -0.5
comp-Z:30nm,0.6s						
MAK	Makhachkala		68.13 308	eP	P	05 41 03.6 -2.0
MAK	Makhachkala		68.13 308	ePP	PP	05 41 18.0 -2.0
MAK	Makhachkala		68.13 308	eSP	SP	05 41 23.5 -2.2
MAK	Makhachkala		68.13 308	e	S	05 43 33.8
MAK	Makhachkala		68.13 308	eS	S	05 49 59.6 -2.0
MAK	Makhachkala		68.13 308	eSS	SS	05 50 24.4 -1.3
comp-Z:32nm,0.4s						
MAK	Makhachkala		68.13 308	eP	MLR	05 41 07.8 +1.7
comp-Z:313nm,16.0s						
NBB05	Indry		68.18 340	eP	P	05 41 05.9 +0.4
J01E	Myrtle Point		68.21 52	P	P	05 41 07.8 +1.7
comp-Z:302						
FIA1	FINESSE Array S		68.22 332	P	P	05 41 06.0 +0.1
FINES	FINESSE Array B		68.22 332	P	P	05 41 06.0 +0.1
comp-Z:27nm,0.8s,baz=39,slow=3.4,SNR=82						
FINES	FINESSE Array B		68.22 332	eP	LR	06 13 09.1
comp-Z:194nm,19.0s,slow=38						
FINES	FINESSE Array B		68.22 332	P	P	05 41 06.1 +0.2
FINES	FINESSE Array B		68.22 332	P	P	05 41 06.1 +0.2
H04D	Lebanon		68.22 50	P	P	05 41 06.7 +0.5
comp-Z:302						
F05D	White Salmon		68.27 48	P	P	05 41 07.6 +1.1
comp-Z:302						
I03D	Drain, OR		68.28 51	P	P	05 41 07.3 +0.8
comp-Z:302						
NBB30	Finnes		68.30 340	eP	P	05 41 06.7 +0.4
NBB17	Glomfjord Bvr		68.36 340	eP	P	05 41 07.4 +0.8
H04A	Detroit Lake		68.47 50	IAMB	IAMB	05 41 10.6 +2.8
H04A	Detroit Lake		68.47 50	IAMB	IAMB	05 41 26.5
comp-Z:27nm,1.5s						
NBB15	Halsa Church		68.52 340	eP	P	05 41 08.7 +1.1
K02D	Willamette Mer		68.62 52	P	P	05 41 09.0 +0.2
comp-Z:302						
EDM	Edmonton		68.63 39	P	P	05 41 10.5 +1.8
comp-Z:20nm,1.0s						
EDM	Edmonton		68.63 39	P	P	05 41 10.5 +1.8
comp-Z:20nm,1.0s						
G05D	Wamic, OR		68.69 49	P	P	05 41 09.5 +0.3
comp-Z:303						
M0R8	Moi Rana		68.71 340	eP	P	05 41 08.1 -0.8
I04A	Tendick Farm,		68.81 51	P	P	05 41 10.1 +0.2
comp-Z:302						
K0NS	Konsvik		68.82 340	eP	P	05 41 09.9 +0.4
L02E	Cave Junction		68.94 53	P	P	05 41 10.8 0.0
comp-Z:302						
GROC	Groznyy		69.06 309	eP	P	05 41 27.6 +1.6
GROC	Groznyy		69.06 309	e	P	05 41 47.1
comp-Z:61nm,0.5s						
D08A	Wollman Farm,		69.11 46	P	IAMB	05 41 13.2 +1.5
D08A	Wollman Farm,		69.11 46	P	IAMB	05 41 28.5
comp-Z:18nm,1.3s						
HAWA	Hanford		69.12 47	P	P	05 41 14.2 +2.4
F07A	Phinny Hill Vi		69.16 48	IAMB	IAMB	05 41 15.3 +3.3
comp-Z:20nm,1.4s						
I05D	Terrebonne, OR		69.17 50	P	P	05 41 12.7 +0.5
comp-Z:303						
STKA	Stephens Creek		69.32 180	P	P	05 41 13.2 +0.2
comp-Z:1.7nm,0.5s,baz=4.0,slow=11,SNR=3.6						
STKA	Stephens Creek		69.32 180	eP	PP	05 41 28.1 +0.8
comp-Z:7.4nm,0.7s,baz=341,slow=9.5,SNR=6.5						
F0RT	Forrest		69.40 192	P	P	05 41 13.6 +0.2
F0RT	Forrest		69.40 192	IAMB	IAMB	05 41 34.7
comp-Z:28nm,0.8s						
NEW	Newport		69.45 44	P	P	05 41 15.6 +1.7
NEW	Newport		69.45 44	P	P	05 41 15.6 +1.7
NEW	Newport		69.45 44	P	P	05 41 14.9 +1.1
comp-Z:304						
MEF	Metsahovi		69.64 332	eP	P	05 41 16.1 +1.4
PINE	Pine Mountain		69.71 50	P	P	05 41 17.9 +2.2
comp-Z:39nm,1.4s						
G0F	Gofitskoye		69.72 312	iP	P	05 41 15.8 +0.3
G0F	Gofitskoye		69.72 312	iP	P	05 41 15.8 +0.3
comp-Z:115nm,1.4s						
L04D	Klamath Falls		69.72 52	P	P	05 41 17.1 +1.3
comp-Z:303						
J05D	Fort Rock, OR		69.80 51	P	P	05 41 16.8 +0.5
VSU	Vasula		69.88 329	eP	P	05 41 16.9 +0.6
VSU	Vasula		69.88 329	iP	P	05 41 16.5 +0.3
comp-Z:156nm,1.4s						
SUMG	Summit		69.92 0	iP	P	05 41 17.8 +1.1
SUMG	Summit		69.92 0	iP	P	05 41 18.8
comp-Z:14nm,1.0s						
SUMG	Summit		69.92 0	iP	P	05 41 17.8 +1.1
comp-Z:14nm,1.0s						
SUMG	Summit		69.92 0	P	P	05 41 17.7 +1.0
SUMG	Summit		69.92 0	P	IAMB	05 41 19.0
comp-Z:20nm,1.1s						
G08A	Pilot Rock		70.06 48	P	P	05 41 18.9 +1.2
RAF	Rauma		70.06 333	eP	P	05 41 17.4 +0.1
N02D	Trinity Center		70.15 53	P	P	05 41 19.4 +1.1
comp-Z:303						
M04C	Macdoel		70.25 52	P	P	05 41 19.1 +0.1

K05A	baz=303	Summer Lake	70.32 51	P	IAMB	05 41 21.9 +2.4
K05A	Summer Lake	70.32 51	P	IAMB	05 41 37.1	
comp-Z:41nm,1.4s						
ZEI	Tsey		70.45 309	eP	P	05 41 19.1 -1.2
comp-Z:25nm,1.2s						
WDC	Whiskeytown 2a		70.47 54	P	P	05 41 22.1 +2.0
WDC	Whiskeytown 2a		70.47 54	P	P	05 41 22.1 +2.0
O02D	Mt. Diablo Mer		70.53 54	P	P	05 41 20.8 +0.2
comp-Z:303						
KBZ	Khabaz		70.54 311	P	P	05 41 20.8 +0.3
comp-Z:26nm,0.9s,baz=46,slow=5.0,SNR=36						
KBZ	Khabaz		70.54 311	LR	LR	06 17 09.2
comp-Z:156nm,18.3s,baz=46,slow=40						
KIV	Kislovodsk		70.54 311	iP	P	05 41 21.5 +0.8
comp-Z:82nm,1.1s						
KIV	Kislovodsk		70.54 311	eP	P	05 41 20.8 +0.1
comp-Z:137nm,17.0s						
KIV	Kislovodsk		70.54 311	P	P	05 41 20.5 -0.1
NSS	Namsos		70.53 399	eP	P	05 41 21.3 +0.6
SHA1	Shidzhatmaz		70.68 311	eP	P	05 41 21.8 +0.1
WALA	Waterton Lakes		70.75 42	P	P	05 41 22.7 +0.8
WALA	Waterton Lakes		70.75 42	IAMB	IAMB	05 41 38.8
comp-Z:12nm,0.9s						
ONI	Oni		70.84 309	P	P	05 41 23.0 +0.5
ONI	Oni		70.84 309	P	P	05 41 24.5
comp-Z:44nm,1.3s						
ONI	Oni		70.84 309	IAMB	IAMB	05 41 23.0 +0.5
ONI	Oni		70.84 309	IAMB	IAMB	05 41 24.5
comp-Z:44nm,1.3s						
MTSE	Matsula		70.87 331	eP	P	05 41 23.0 +0.8
O03E	Paynes Creek		71.09 53	P	P	05 41 23.9 -0.2
comp-Z:301						
BANOM	Banah		71.14 288	P	P	05 41 25.0 +0.5
SHME	Shamm		71.19 289	P	P	05 41 24.7 0.0
JTMT	Jette		71.31 44	IAMB	IAMB	05 41 21.7 +1.7
comp-Z:11nm,0.8s						
SCO	Scoresbysund		71.37 354	iP	P	05 41 26.2 +1.1
SCO	Scoresbysund		71.37 354	iP	P	05 41 27.2
comp-Z:18nm,1.2s						
SCO	Scoresbysund		71.37 354	iP	P	05 41 26.2 +1.1
comp-Z:18nm,1.2s						
GNI	Garni		71.39 307	eP	P	05 41 27.0 +1.0
comp-Z:46nm,1.3s						
J08A	Circle Bar Ran		71.44 49	IAMB	IAMB	05 41 43.6
comp-Z:17nm,1.2s						
AKH	Akhalkalaki		71.47 308	iP	P	05 41 26.9 +0.5
MDH	Madha		71.48 288	P	P	05 41 25.8 -0.8
MSFE	Esmā-Masafi		71.55 288	P	P	05 41 27.2 +0.2
UOSS	Minafiz		71.75 288	iP	P	05 41 28.2 +0.1
comp-Z:301						
UOSS	Minafiz		71.75 288	P	P	05 41 28.2 +0.1
HATD	Hatta, Dubai		71.87 288	iP	P	05 41 29.2 +0.4
comp-Z:11nm,0.8s						
IDID	Dizdizalasi		71.93 327	eP	P	05 41 29.8 +1.1
SOHO	SOHO		71.95 287	iP	P	05 41 29.2 -0.2
comp-Z:301						
MNK	Minsk		71.96 326	iP	P	05 41 30.0 +1.1
MNK	Minsk		71.96 326	iPP	PP	05 41 44.2 +0.8
MNK	Minsk		71.96 326	iSP	SP	05 41 50.1 +1.0
MNK	Minsk		71.96 326	i	P	05 44 09.9
MNK	Minsk		71.96 326	iPPP	PPP	05 45 53.8
MNK	Minsk		71.96 326	iSS	SS	05 50 46.8 +0.7
MNK	Minsk		71.96 326	iSS	SS	05 51 12.3 +2.0
MNK	Minsk		71.96 326	iSSS	SSS	05 55 26.1 +3.6
MNK	Minsk		71.96 326	iLR	LR	05 58 46.0
MNK	Minsk		71.96 326	iLR	LR	06 12 13.4
MNK	Minsk		71.96 326	iLR	LR	06 15 42.3
comp-Z:47nm,1.1s,baz=230						
MNK	Minsk		71.96 326	iP	P	05 41 30.0 +1.1
comp-Z:47nm,1.1s						
MNK	Minsk		71.96 326	iP	P	05 41 30.0 +1.1
comp-N:20nm,1.3s						
MNK	Minsk		71.96 326	iP	P	05 41 30.0 +1.1
comp-E:26nm,19.0s						
MNK	Minsk		71.96 326	iP	P	05 41 30.0 +1.1
comp-N:303nm,19.4s						
MNK	Minsk		71.96 326	iP	P	05 41 30.0 +1.1
comp-N:20nm,1.3s						
MNK	Minsk		71.96 326	iP	P	05 41 30.0 +1.1
comp-E:26nm,19.0s						
MNK	Minsk		71.96 326	iP	P	05 41 30.0 +1.1
comp-N:303nm,19.4s						
MNK	Minsk					

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Table with columns: SHLS, SHLKS, KAPS, ZSN, UZB, etc. and values for station codes, times, and coordinates.

JMA 03 08:06:55.4-0.4, 24.88N: 122.24E, h0km, 4km, M2.3
TAP 03 08:06:55.3, 24.94N: 122.20E, h10km, ML2.7, C

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like TWB1, TWP1, etc.

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Main table with columns: EWUT, ENTT, NWLT, TWS1, NDT, etc. and values for station codes, times, and coordinates.

NOU 03 08:21:57.7, 41.68S: 174.02E, h0km, ML3.6/5, Cook Strait, New Zealand
WEL 03 08:21:56.2, 0.6, 42.5, 3x17.4E, h11km, 4km, M3.0/13, ML3.4/13, MLV3.0/13, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like CMWZ, BSWZ, etc.

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Table with columns: TMZ, TOZ, ODZ, CTZ and values for station codes, times, and coordinates.

IDC 03 08:29:08.9, 2.1, 52.57S: 141.75E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.6/15, mbtmp3.5/3, Error ellipse: s-maj=52.6km s-min=27.9km az=78.0, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like VNDA, H01W1, etc.

IDC 03 08:42:33.1, 5.0, 5.85S: 147.54E, h213km, 49km, mb2.8/1, mb1 3.1/3, mb1mx2.8/30, mbtmp3.5/3, Error ellipse: s-maj=105.5km s-min=46.6km az=119.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like PMG, WRA, etc.

NEIC 03 08:48:49.3, 1.0, 14.8S: 0.1, 166.37E: 0.05, h10km, 2km, mb4.2/6, Error ellipse: s-maj=19.2km s-min=6.7km az=341.0

IDC 03 08:48:51.5, 13.0, 15.09S: 165.85E, h0km, mb4.0/3, mb1 4.2/4, mb1mx3.7/30, mbtmp4.0/4, ML4.1/1, Error ellipse: s-maj=233.2km s-min=36.4km az=57.0

ISC 03 08:48:51.7, 1.4, 14.8S: 0.1, 166.41E: 0.10, h35km, n17, c=088/17, mb4.0/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SANVU, LIFNC, etc.

WRO Warramunga Arr 30.81 256 P P 08 55 04.6 +0.1
WBO Warramunga Arr 30.93 256 P P 08 55 05.0 +0.3

WBE Warramunga Arr 30.98 256 P P 08 55 06.1 0.0
WB2 Warramunga Arr 30.98 256 P P 08 55 35.2

WRA Warramunga Arr 31.00 256 P P 08 55 05.5 -0.6
WRA Warramunga Arr 31.00 256 Iamb Iamb 08 55 08.7

AS31 Alice Springs 31.86 249 P P 08 55 13.4 -0.3
AS31 Alice Springs 31.86 249 P P 08 55 14.4 -0.3

ASAR Alice Springs 31.86 249 P P 08 55 13.4 -0.3
comp=Z, 1.1m, 0.5s, baz=80, slow=9.2, SNR=20

IDC 03 08:49:50.4, 1.8, 4.04S: 130.31E, h0km, mb3.1/1, mb1 3.3/3, mb1mx3.2/34, mbtmp3.1/4, ML2.8/3, Error ellipse: s-maj=72.4km s-min=27.2km az=84.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SJUI, WRA, etc.

IDC 03 09:07:28.4, 5.1, 18.44N: 148.49E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/39, mbtmp3.6/3, MS2.5/1, Ms1 2.5/1, ms1mx2.1/38, Error ellipse: s-maj=350.8km s-min=33.7km az=96.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like GUMO, WRA, etc.

MAN 03 09:20:08.2, 10.32N: 124.05E, h32km, mb4.2, ML3.0, MS2.7, 1C-1D, Leyte

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like LLP, MASLP, etc.

RSNC 03 09:22:15.6, 1.1, 6.87N: 73.28W, h124km, 4km, ML3.4, Mw3.5
IDC 03 09:22:24.5, 1.5, 5.85N: 75.10W, h175km, 19km, mb2.4/1, mb1 3.0/1, mb1mx2.6/28, mbtmp2.9/1, Error ellipse: s-maj=47.4km s-min=30.5km az=105.0

ISC 03 09:22:14.3, 0.9, 6.87N: 0.03, 73.27W: 0.03, h133km, 6km, n10, c=377/74, 5C-1D, Northern Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like BARC, BRRC, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TAMC, ZARC, NORC, SMLC, ROSC, etc.

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

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

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

3d 9h

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

MOS 03 09:41:51.1 ± 1.1, 10.66S; 161.80E, h32km, mb5.5/38, Error ellipse: s-maj=9.5km s-min=7.9km az=82.1
IDC 03 09:41:52.6 ± 0.4, 10.72S; 161.80E, h34km, mb4.5/25, mb1 4.6/27, mb1mx4.6/34, mbtmp4.7/27, ML5.0/2, MS4.5/20, Ms1 4.5/20, ms1mx4.5/20, Error ellipse: s-maj=15.8km s-min=9.9km az=89.0
NEIC 03 09:41:53.6 ± 1.9, 10.75S; 0.07; 161.90E; 0.08, h33km, 4km, mb5.4/172, Error ellipse: s-maj=13.0km s-min=8.6km az=48.0
GCMT 03 09:41:54.6 ± 0.1, 10.84S; 0.01; 161.79E; 0.01, h40km, MV5.3/116, Moment Tensor Solution. s94,c154, s116,c197; Duration: 10; Moment tensor: Scale 1017 Nm; Mn=0.58±0.02; M00=0.17±0.1; M01=0.41±0.1; M02=0.27±0.1; M03=0.64±0.1; M04=0.43±0.1; Best double couple: M00:97000±1017; NP2:±288.00000; ±50.00000; ±36.00000; NP2:±172.00000; ±62.00000; ±134.00000; Principal axes: T 0.9750; P1:Pg52.0000; Azm134.0000; N -0.0100, P1g38.0000, Azm328.0000; P -0.9650, P1g7.0000, Azm233.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
BUI 03 09:41:56.0 ± 0.0, 10.70S; 161.90E, h25km, mb5.5/31, mb5.2/57, Ms4.8/49, Ms7 4.6/46
NOU 03 09:42:01.8 ± 1.1, 11.41S; 161.74E, h54km, mb5.4/78, Solomon Islands
ISC 03 09:41:52.0 ± 0.3, 10.78S; 0.04; 161.88E; 0.04, h31km, 1km, h31 km; pp-P, n585, ±1947515, mb5.4/188, MS4.5/41, 8C-4D, Bougainville-Solomon Islands region

3d 9h

2015 AUG

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like QUENC, PINNC, PMG, MSVF, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PLAI, MEEK, TWISI, KLNI, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SKR, WHN, WHN, etc.

3d 10h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NVAR, NVAR, B05A, etc.

2015 AUG

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

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

ISC 03 09:49:49.2, 4.53, 60N, 87.79E, h0km, mb1.3, 4/3, m=1mx3.2/64, mbmp3.4/3, ML3.1/3, Error ellipse: s-maj=21.4km s-min=13.4km az=58.0

ISC 03 09:49:53.5, 3.9, 53.8N, 01:87.7E, 0.2, h35km, n7, 08515, 11, 4C-2D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, ISC, h, m, s, Res. Includes stations like I46RU, ZALVO, ZALVO, etc.

ISC 03 09:51:02.5, 0.4, 33.69N, 138.52E, h292km, 4km, M3.3, IDC 03 09:51:02.5, 1.5, 33.65N, 138.32E, h260km, 15km, mb3.3/7, m=1.3/5.0, mb1mx3.2/55, mbmp4.0/10, Error ellipse: s-maj=35.9km s-min=13.1km az=93.0

ISC 03 09:51:04.3, 0.8, 33.73N, 01:07:138.40E, 0.06, h280km, 6km, n29, 01:13/37, mb3.6/7, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, ISC, h, m, s, Res. Includes stations like TK02, TONANKAI, TONANKAI, etc.

ISU 03 10:01:35, 39.80N, 71.90E, h5km, KRNET 03 10:01:35.7, 0.1, 39.73N, 71.90E, h10km, mb3.0, SOME 03 10:01:36.1, 39.70N, 72.12E, h5km, NNC 03 10:01:40.0, 0.2, 39.32N, 72.00E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=20.5km s-min=16.3km az=2.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Beaver Creek A, Eagle, EGAK, etc.

ISK 03 12:47:12.0, 39.91N, 30.43E, h0km, ML1.5/2, Suspected Mining explosion, Turkey

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

BUC 03 12:50:42.0, 0.1, 46.03N, 22.86E, h2km, ml2.2/15, 29C-25D, Error ellipse: s-maj=1.3km s-min=1.0km az=101.0, Romania

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

2015 AUG

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

RSPR 03 12:51:05.7, 18.88N, 65.26W, h48km, 5km, MD2.8/3 NEIC 03 12:51:05.0, 5, 18.89N, 0.09, 65.26W, 0.0, h48km, 22km, Error ellipse: s-maj=12.8km s-min=3.5km az=165.0

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

IDC 03 12:54:12.3, 2.1, 5.58S, 143.32E, h0km, mb2.9/2, mb1.3/4, mb1mx3.3/32, mbmt3.2/4, ML2.6/2, Error ellipse: s-maj=42.8km s-min=34.3km az=92.0, New Guinea

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

JMA 03 13:11:03.9, 34.25N, 134.76E, h11km, 1km, M3.2 JMA 11 J1, IDC 03 13:11:03.0, 2.0, 34.20N, 134.80E, h0km, mb3.5/1, mb1.3/6, mb1mx3.2/54, mbmt3.3/3, ML2.7/2, MS3.0/1, mb1.3/0.1, ms1mt2.5/3, Error ellipse: s-maj=35.0km s-min=20.9km az=136.0

ISC 03 13:11:03.5, 1.2, 34.22N, 104.134, 76E, 0.03, h5km, 11km, n14, 0.050/22, 2C-7D, Near south coast of western Honshu

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

IDC 03 13:15:59.5, 0.4, 27.35N, 66.03E, h0km, mb5.0/48, mb1.5/50, mb1mx5.0/57, mbmt3.0/50, ML4.6/2, MS4.7/40, Ms1.4/740, ms1mx4.6/63, Error ellipse: s-maj=10.8km s-min=8.9km az=19.0

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

az=97.7 NEIC 03 13:16:03.4, 1.5, 27.40N, 0.02, 65.91E, 0.07, h29km, 3km, mb5.3/24, Error ellipse: s-maj=9.6km s-min=2.5km az=90.0

BUI 03 13:16:03.4, 0.0, 27.59N, 66.24E, h20km, mb5.3/67, mb5.0/77, Ms5.3/89, Ms7.5/0.81 BGR 03 13:16:08.2, 0.0, 27.57N, 66.49E, h33km, mb5.4, Ms4.5

ISC 03 13:16:03.0, 4.2, 27.35N, 0.03, 65.95E, 0.03, h25km, 2km, h25km; p-p, n1002, 0.1959/114, mb5.4/368, MS4.8/89, 183C-90D, Fault plane solution: NP1: 16.04009, 0.849, 63344, 1.47, 311.74, NP2: 250.96480, 0.55, 94079, 1.128, 57588. Principal axes: T: P1: 85.848, 84.84, Azm218.8998, N: P1: 31.1035, Azm46.8947, P: P1: 33.5524, Azm314.7482; Pakistan

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

MTKI	comp=Z,13um,comp=Z,149nm,0.7s	54.78 113	P	P	13 25 31.6 +0.5
JOW	Muara Teweh, K	54.78 113	P	I	13 25 30.9 -1.3
JOW	Kunigami	55.95 75	P	I	13 25 35.2
HSPB	comp=Z,30nm,1.1roa	55.83 348	eP	P	13 25 32.1 +0.3
LBWR	Hornsund (bros)	55.37 318	eP	I	13 25 34.1 -0.6
EDMD	Ladybowser, Pea	55.37 318	eP	I	13 25 38.4
EDMD	Edmundbyers	55.51 319	eP	P	13 25 36.1 +0.3
SPAO	comp=Z,119nm,0.8s	55.52 349	eP	P	13 25 36.6 +1.1
SPITS	Spitsbergen Ar	55.52 349	LR	LR	13 25 03.3
SPITS	Spitsbergen Ar	55.52 349	P	P	13 25 35.1 -0.4
JNU	comp=Z,93nm,1.3s	55.61 67	LR	LR	13 52 37.8
JNU	Nakatsue	55.61 67	LR	I	13 25 36.7 -0.2
JNU	comp=Z,1um,19.2s,baz=307,slow=42	55.61 67	P	I	13 25 40.8
JSU	Suzuyama	55.62 69	P	I	13 25 36.4 -0.6
TIXI	comp=Z,67nm,1.5s	55.83 20	P	P	13 25 38.2 +0.2
TIXI	Tiksi	55.83 20	eP	P	13 25 39.5 +1.8
TIXI	Tiksi	55.83 20	eP	P	13 25 37.9 +0.1
TIXI	Tiksi	55.83 20	eP	I	13 25 40.2
HLM1	comp=Z,22nm,0.9s	56.08 317	eP	P	13 25 40.1 +0.2
MCHI	Long Mynd	56.17 316	eP	P	13 25 40.4 -0.2
MCHI	Michaechurch	56.17 316	eP	I	13 25 41.4
BBKI	comp=Z,212nm,1.7s	56.20 115	P	P	13 25 41.8 +0.6
ESK	Banjar Baru	56.23 320	eP	P	13 25 40.4 -0.5
ESK	comp=Z,48nm,1.1s	56.23 320	eP	P	13 25 40.6 -0.3
ESK	Eskdalemuir	56.23 320	P	P	13 25 40.5 -0.3
ESK	Eskdalemuir	56.23 320	P	I	13 25 40.5 -0.3
FOEL	comp=Z,23nm,0.8s	56.27 317	eP	P	13 25 42.1 +0.8
FOEL	Foel Wyifa	56.27 317	eP	I	13 25 42.6
CART	comp=Z,52nm,0.9s	56.34 299	P	I	13 25 41.4 -0.6
KBS	Cartagena	56.67 349	iP	P	13 25 44.7 +1.0
KBS	Kingsbay	56.67 349	iP	I	13 25 47.4
KBS	comp=Z,136nm,0.9s	56.67 349	iP	P	13 25 44.5 +0.8
KBS	Kingsbay	56.67 349	iP	P	13 25 43.2 -0.6
INGV	comp=Z,56nm,0.9s	56.70 321	eP	P	13 25 44.4 +0.2
NEWG	Invergelde, C	56.82 320	eP	P	13 25 44.6 -0.5
NEWG	New Galloway	56.82 320	eP	I	13 25 48.3
DYA	comp=Z,71nm,0.8s	56.84 314	eP	P	13 25 45.6 +0.3
DYA	Yadsworth	56.84 314	eP	I	13 25 46.6
WLF1	comp=Z,149nm,0.8s	56.97 318	eP	I	13 25 46.6 +0.4
WLF1	Lynfaes	56.97 318	eP	I	13 25 47.5
JHS	comp=Z,197nm,1.3s	57.02 64	P	P	13 25 46.0 -1.0
IOMK	Saijyo	57.04 319	eP	P	13 25 46.8 +0.1
KBKI	Kirk Michael	57.17 114	P	P	13 25 48.8 +0.7
GRNR	Kotabaru	57.19 45	iP	P	13 25 48.8 +1.0
GRNR	Gornyy	57.19 45	iP	P	13 25 48.8 +1.0
GRNR	comp=E,20nm,1.0s		P	P	
GRNR	comp=Z,40nm,1.0s		MLR	MLR	
GRNR	comp=E,970nm,16.0s		MLR	MLR	
GRNR	comp=N,220nm,13.0s		MLR	MLR	
GRNR	comp=Z,1um,17.0s		MLR	MLR	
RSBS	comp=Z,1um,17.0s	57.25 316	eP	I	13 25 48.1 -0.1
RSBS	Rosebush, Pemb	57.25 316	eP	I	13 25 50.7
KAC	comp=Z,42nm,1.0s	57.38 323	eP	P	13 25 49.7 +0.6
LAWE	Achnashellach	57.46 321	eP	P	13 25 49.9 +0.3
LAWE	Loch Awe, Argy	57.46 321	eP	I	13 25 50.8
KPL	comp=Z,54nm,0.7s	57.58 322	eP	P	13 25 50.1 -0.3
KPL	Plockton	57.58 322	eP	I	13 25 50.9
FIGM	comp=Z,56nm,1.0s	57.71 292	P	P	13 25 51.9 -0.1
JMN	Figuig	57.92 66	P	P	13 25 52.7 -0.6
ESDC	Monobe	58.24 302	P	P	13 25 55.7 +0.2
ESDC	Sonseca Array	58.24 302	P	LR	13 55 19.3
ESDC	comp=Z,15nm,0.9s,baz=65,slow=6.7,SNR=58		LR	LR	
ESDC	comp=Z,199nm,20.9s,baz=80,slow=40		P	P	13 25 54.9 -0.6
MPSI	Sonseca Array	58.24 302	P	P	13 25 56.7 +0.9
MPSI	Mapaga	58.25 108	P	P	13 25 57.2 -0.5
PAB	comp=Z,2um,comp=Z,41nm,1.5s	58.56 301	P	P	13 25 57.2 -0.5
PAB	San Pablo	58.56 301	P	P	13 25 57.2 -0.5
PAB	comp=Z,37nm,1.0s	58.56 301	P	I	13 25 57.2 -0.5
PAB	San Pablo	58.56 301	P	I	13 25 59.0
ASAJ	comp=Z,37nm,1.0s	58.56 301	P	P	13 25 57.8 +0.1
NKL	San Pablo	58.79 64	eP	P	13 25 59.7 +0.4
NKL	Wachi	59.61 42	eS	S	13 26 02.1 -2.5
NKL	Nikolayevsk	59.61 42	eS	S	13 34 12.5 -0.6
NKL	comp=E,50nm,1.0s		P	P	
NKL	comp=N,889nm,1.1s		P	P	
NKL	comp=Z,56nm,1.4s		P	P	
NKL	comp=E,97nm,3.4s		P	P	
NKL	comp=N,1um,2.5s		MLR	MLR	
NKL	comp=E,931nm,13.0s		MLR	MLR	
PBRG	comp=Z,566nm,13.0s	59.91 304	eP	P	13 26 07.1 +0.1
MRSI	Braganca	59.91 304	eP	P	13 26 07.5 +0.2
MRSI	Marisa	59.91 107	P	P	13 26 08.5 +0.5
TTSI	comp=Z,886nm,comp=Z,40nm,1.5s	60.02 111	P	P	13 26 08.5 +0.5
INU	Tana Toraja	60.02 111	P	P	13 26 07.5 -0.5
MVO	comp=Z,466nm,comp=Z,19nm,1.7s	60.25 304	eP	P	13 26 09.7 +0.3
MVO	Inuyama	60.25 304	eP	S	13 34 26.5 +4.5
MVO	Moncorvo	60.25 304	eP	LR	13 46 45.1
MVO	comp=Z,54nm,1.2s		S	S	
MVO	Moncorvo	60.25 304	eLR	LR	13 26 09.4 -0.2
LCRM	comp=Z,256nm,20.0s	60.26 295	P	P	13 26 09.0 -0.5
JGF	LOR	60.27 63	P	P	13 26 09.0 -0.5
MDT	Kuroka	60.28 294	LR	LR	13 58 55.2
MDT	Midelt	60.28 294	LR	LR	13 26 10.3 -0.3
APSI	comp=Z,49nm,1.4s	60.41 60	P	P	13 26 09.3 -1.1
CZD	Sado	60.58 294	P	P	13 26 12.9 +1.0
MAT	Col de Zad	60.71 292	P	P	13 26 12.1 -0.4
MAT	Matsushiro	60.71 292	P	S	13 34 31.6 +3.7
MJAR	comp=Z,62nm,1.1s,baz=283,slow=6.5,SNR=33	60.71 62	P	P	13 26 12.7 +0.2
MJAR	Matsushiro Arr	60.71 62	P	LR	13 55 00.4
MJAR	comp=Z,372nm,18.4s,baz=270,slow=39		P	P	13 26 11.6 -0.9
MJAR	Matsushiro Arr	60.71 62	P	P	13 26 16.3
MJAR	comp=Z,44nm,1.4s	60.71 62	P	I	13 26 11.6 -0.9
MJAR	Matsushiro Arr	60.71 62	P	I	13 26 16.3
RSA	comp=Z,44nm,1.4s	60.73 296	P	P	13 26 13.2 +0.5
GTOI	Sarsa	60.75 106	P	P	13 26 12.8 +0.2
POLO	Gorontalo	60.77 304	eP	P	13 26 13.3 +0.3
MTE	comp=Z,19nm,0.9s	60.79 303	eP	P	13 26 13.3 +0.2
MTE	comp=Z,25nm,1.3s		P	P	
MTE	Manteigas	60.79 303	eP	P	13 26 13.3 +0.2

MTE	Manteigas	60.79 303	eS	S	13 34 32.2 +3.3
MTE	comp=Z,349nm,18.0s		eLR	LR	13 47 07.2
MTE	Manteigas	60.79 303	P	P	13 26 12.2 -0.9
PCBR	Castelo Branco	60.86 302	eP	P	13 26 13.8 +0.3
PCBR	comp=Z,196nm,1.2s		P	P	
PCAB	Cabril	60.87 305	eP	P	13 26 14.5 +0.9
PMRV	comp=Z,76nm,1.3s	60.89 302	eP	P	13 26 13.5 -0.2
PMRV	Marv??o	60.89 302	eP	P	13 26 13.5 -0.2
PMRV	comp=Z,51nm,1.3s		eS	S	13 34 30.6 +0.5
PMRV			eLR	LR	13 40 16.5
PMRV			eLR	LR	13 47 02.8
PBAR	comp=Z,266nm,18.0s	60.90 300	eP	P	13 26 13.9 +0.2
PBAR	Barrancos	60.90 300	eP	P	13 26 13.9 +0.2
MKS	Makassar	60.96 114	P	P	13 26 14.7 +0.3
PVIS	comp=Z,2um,comp=Z,112nm,1.1s	60.98 303	eP	P	13 26 15.3 +0.9
PGAV	Visu	60.98 303	eP	P	13 26 14.9 +0.4
PGAV	comp=Z,81nm,1.2s		P	P	
PGAV	Gavieira, Arco	61.00 305	eP	P	13 26 15.3 +0.9
PGAV	comp=Z,97nm,1.4s		eLR	LR	13 42 27.9
PGAV	Gavieira, Arco	61.00 305	eLR	LR	13 46 55.3
BNSI	comp=Z,87nm,20.0s	61.02 112	P	P	13 26 15.4 +0.6
BNSI	Bone	61.02 112	P	LR	13 52 07.7
KAPI	Kappang	61.08 113	LR	LR	13 26 14.6 -0.6
KAPI	comp=Z,226nm,21.9s,baz=329,slow=36		P	P	
KAPI	Kappang	61.08 113	P	P	13 26 14.6 -0.6
KAPI	comp=Z,29nm,0.9s		P	P	
KAPI	Kappang	61.08 113	P	I	13 26 14.6 -0.6
KAPI	comp=Z,29nm,0.8s		I	I	13 26 19.1
KAPI	Kappang	61.08 113	P	P	13 26 16.1 +0.9
KAPI	comp=Z,860nm,comp=Z,35nm,1.0s		P	P	
TYV	Tymovskoe	61.11 45	eP	P	13 26 16.3 +1.4
TYV			eP	P	13 34 32.9
TYV	comp=Z,26nm,1.1s		P	P	
TYV			P	P	
TYV	comp=Z,700nm,7.3s		MLR	MLR	
PESTR	comp=Z,2um,15.0s	61.16 301	eP	P	13 26 15.2 -0.4
PESTR	Estremoz	61.16 301	eP	P	13 26 15.2 -0.4
PESTR	comp=Z,43nm,1.2s		P	P	
PESTR	Estremoz	61.16 301	eP	P	13 26 14.6 -0.9
TORD	Tordi Ar. Bea	61.34 271	P	P	13 26 17.7 +0.7
TORD	comp=Z,25nm,0.8s,baz=58,slow=6.4,SNR=124		LR	LR	13 54 43.1
TORD	Tordi Ar. Bea	61.34 271	P	P	13 26 16.3 -0.8
TORD	comp=Z,24nm,1.1s		I	I	13 26 18.8
COI	Coimbra	61.48 303	P	P	13 26 17.3 -0.3
COI	comp=Z,40nm,1.0s		P	P	
COI	Coimbra	61.48 303	P	P	13 26 17.3 -0.3
BKSI	Bulukumba	61.55 113	P	P	13 26 17.2 -1.2
EVO	comp=Z,1um,comp=Z,87nm,0.8s	61.56 301	eP	P	13 26 18.4 +0.2
EVO	Evora	61.56 301	eP	P	13 26 18.4 +0.2
PBEJ	comp=Z,76nm,1.2s	61.57 300	eP	P	13 26 18.8 +0.5
PBEJ	Beja	61.57 300	eP	P	13 26 18.8 +0.5
PCAS	comp=Z,54nm,1.2s	61.58 303	eP	P	13 26 19.3 +1.0
PCAS	Casmilo, Conde	61.58 303	eP	P	13 26 18.9 +0.4
MGAT	comp=Z,40nm,1.2s	61.60 302	eP	P	13 26 18.9 +0.4
MGAT	Margail	61.60 302	eP	P	13 26 18.0 -0.5
PVAQ	comp=Z,60nm,1.3s	61.60 300	eP	P	13 26 18.0 -0.5
PVAQ	Vaqueiros	61.60 300	eP	P	13 34 34.8 -4.4
PVAQ	comp=Z,54nm,1.7s		eS	S	13 48 38.6
PVAQ	Vaqueiros	61.60 300	eS	LR	13 26 17.3 -1.2
PVAQ	comp=Z,213nm,16.0s		P	P	
JEW	Vaqueiros	61.60 300	P	P	13 26 19.4 +0.1
JEW	Eniwo	61.74 54	P	P	13 26 18.5 +1.2
ZHG	comp=Z,76nm,1.2s	61.76 295	P	P	13 26 19.4 -0.4
PCVE	Castro Verde	61.80 300	eP	P	13 26 19.4 -0.4
PCVE	comp=Z,53nm,1.5s		P	P	
PBDV	Barranco-De	61.81 300	eP	P	13 26 20.0 +0.7
PBDV	Yuzh-Sakhalins	61.84 49	iP	P	13 26 20.0 +0.1
YSS	comp=Z,300nm,3.8s		eS	S	13 34 41.7 -0.1
YSS			P	P	
YSS	comp=Z,80nm,0.9s		P	P	
YSS	comp=Z,2um,16.0s		MLR	MLR	
YSS	comp=E,1um,18.0s		MLR	MLR	
YSS	Yuzh-Sakhalins	61.84 49	P	P	13 26 19.4 -0.5
YSS	Messejana	61.88 300	eP	P	13 26 19.8 -0.6
MESJ	comp=Z,57nm,1.4s	61.88 300	eP	P	13 26 21.0
MESJ	Messejana	61.88 300	eP	P	13 26 19.8 -0.6
JTB	comp=Z,70nm,1.3s	61.91 56	P	P	13 26 20.3 -0.2
JTB	Tambabayashi	61.91 56	P	P	13 26 21.4 +0.7
PMJ	So Bento	62.05 300	eP	P	13 26 20.8 0.0
NOR	comp=Z,90nm,1.6s	62.05 350	iP	I	13 26 20.8 0.0
NOR	Nord	62.05 350	iP	I	13 26 20.8 0.0
NOR	comp=Z,22nm,1.0s		P	P	
NOR	Nord	62.05 350	iP	P	13 26 20.8 0.0
PNCL	comp=Z,22nm,1.0s	62.06 301	eP	P	13 26 22.1 +0.6
PNCL	Nicolaou / Gran	62.06 301	eP	P	13 26 22.4 -0.2
PNCL	comp=Z,70nm,1.3s		P	P	

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KSRS	Korea Array	76.28 316	P	P	14 13 22.9 +1.6
KSRS	comp=Z,118nm,1.1s,baz=233,slow=6.5,SNR=137				
KSRS	PKJKP	76.28 316	P	P	14 19 06.3 +1.1
KSRS	Korea Array	76.28 316	P	P	14 13 23.0 +1.6
PDMSI	Parker Dam,Lak	76.29 48	P	P	14 13 23.0 +1.4
CISI	Cisompet, Garu	76.29 266	P	P	14 13 23.0 +0.6
CISI	Cisompet, Garu	76.29 266	P	P	14 13 22.0 -0.2
KSAR	Wonju Array Be	76.30 316	P	P	14 13 22.5 +1.0
KSAR	Wonju Array Be	76.30 316	P	P	14 13 22.5 +1.0
KS19	Wonju Array Si	76.30 316	I	I	14 13 22.7 +0.9
KS19	comp=Z,186nm,1.2s				
BUCK	Buck Mountain	76.37 35	P	P	14 13 22.7 +0.8
BUCK	comp=Z,179nm,1.1s				
I04R	Tendick Farm,	76.43 36	P	P	14 13 23.1 +0.9
I04R	baz=231,SNR=51				
COR	Corvallis	76.44 35	P	P	14 13 22.8 +0.6
COR	comp=Z,101nm,1.0s				
COR	Corvallis	76.44 35	P	P	14 13 22.8 +0.6
COR	Modoc Plateau	76.49 38	P	P	14 13 23.4 +0.6
COR	comp=Z,179nm,0.9s				
K05A	Summer Lake	76.64 37	P	P	14 13 24.4 +0.8
LEM	Lembang	76.67 267	P	P	14 13 25.4 +1.0
LEM	comp=Z,1umcomp=Z,26nm,1.2s				
H04D	Lebanon	76.71 35	P	P	14 13 25.1 +1.4
H04D	baz=230,SNR=36				
SHPR	Sheep Range	76.73 45	P	I	14 13 25.3 +1.1
SHPR	comp=Z,237nm,1.1s				
J05D	Fort Rock, OR	76.79 37	P	P	14 13 25.9 +1.5
J05D	baz=232,SNR=236				
G03D	McMinnville, O	76.86 34	P	P	14 13 25.8 +1.3
G03D	baz=230,SNR=63				
W13A	Hualapai Mount	76.88 47	P	I	14 13 25.9 +0.8
W13A	comp=Z,166nm,1.1s				
TYV	Tymovskoe	76.88 334	eP	P	14 13 24.8 +0.3
TYV	comp=Z,500nm,3.6s				
TYV	Wickenburg	76.91 48	P	I	14 13 26.1 +0.9
TYV	comp=Z,235nm,1.1s				
Y14A	Wickenburg	76.91 48	I	I	14 13 26.1 +0.9
Y14A	comp=Z,151nm,0.8s				
CNJ1	Cibinong	77.01 266	P	P	14 13 27.2 +0.1
CNJ1	comp=Z,3umcomp=Z,320nm,1.0s				
VLA	Vladivostok	77.08 323	iP	P	14 13 26.3 +0.5
VLA	comp=Z,74nm,1.0s				
H04A	Detroit Lake	77.12 35	P	I	14 13 26.3 +0.2
H04A	comp=Z,209nm,1.3s				
INCN	Inchon	77.16 316	P	P	14 13 27.3 +0.9
INCN	Inchon	77.16 316	P	P	14 13 27.3 +0.9
KNMB	Chin-men Tao	77.18 300	I	I	14 13 28.9
KNMB	comp=Z,158nm,1.1s				
MSHR	Mys Shultsa	77.19 322eP	P	P	14 13 27.1 +0.7
MSHR	comp=Z,90nm,1.3s				
PINE	Pine Mountain	77.27 37	P	P	14 13 28.3 +1.2
PRN	Rainier OR	77.28 45	P	P	14 13 28.5 +1.3
IO5D	Terrebonne, OR	77.38 36	P	P	14 13 28.6 +1.1
IO5D	baz=232,SNR=11				
R11A	Troy Canyon, C	77.43 44	P	I	14 13 28.7 +0.6
R11A	comp=Z,129nm,1.1s				
R11A	Troy Canyon, C	77.43 44	P	P	14 13 29.1 +1.0
R11A	baz=237,SNR=108				
BMN	Battle Mountai	77.53 41	P	P	14 13 29.5 +0.9
BMN	comp=Z,158nm,0.8s				
BMN	Battle Mountai	77.53 41	P	I	14 13 29.5 +0.9
BMN	comp=Z,158nm,0.8s				
F04D	Rainier OR	77.56 34	P	P	14 13 29.8 +1.4
F04D	baz=230,SNR=7.8				
E03A	Lebam	77.57 33	P	I	14 13 29.2 +0.8
E03A	comp=Z,197nm,0.9s				
DBJI	Dramaga	77.58 267	P	P	14 13 29.7 +0.4
DBJI	comp=Z,186nm,1.1s				
O18K	Koktuh Hills	77.60 10	P	P	14 13 28.7 +0.4
O18K	baz=199,SNR=292				
USA0B	Ussuriysk Arra	77.68 324	P	P	14 13 29.4 +0.3
USA0B	comp=Z,61nm,1.0s				
USA0B	Ussuriysk Arra	77.68 324	P	P	14 13 29.4 +0.3
USA0B	Ussuriysk Ar	77.68 324	P	P	14 13 29.8 +0.7
USA0B	comp=Z,169nm,1.0s,baz=117,slow=4.2,SNR=49				
USRK	Ussuriysk Ar	77.68 324	P	P	14 13 29.4 +0.3
USRK	Ussuriysk Ar	77.68 324	P	P	14 13 29.4 +0.3
TUC	Tucson	77.74 51	P	P	14 13 31.2 +1.3
TUC	comp=Z,183nm,1.1s				
TUC	Tucson	77.74 51	P	I	14 13 31.2 +1.3
TUC	comp=Z,183nm,1.1s				
TUC	Tucson	77.74 51	P	P	14 13 31.7 +1.8
P19K	Oil Pt	77.75 11	P	P	14 13 29.6 +0.5
P19K	baz=201,SNR=75				
WVOR	Wild Horse Val	77.80 39	P	P	14 13 30.9 +0.9
WVOR	comp=Z,226nm,1.1s				
WVOR	Wild Horse Val	77.80 39	P	I	14 13 30.9 +0.9
WVOR	comp=Z,226nm,1.1s				
SSE	Sheshan	77.88 308	P	P	14 13 30.9 +0.4
SSE	comp=Z,20nm,1.0s				
SSE	Sheshan	77.88 308	sP	sP	14 14 29.5 +2.3
SSE	Sheshan	77.88 308	S	S	14 23 10.7 +0.6
SSE	Sheshan	77.88 308	sS	sS	14 24 19.3 +0.1
SSE	comp=Z,260nm,8.1s				
G05D	Wamic, OR	77.95 35	P	P	14 13 31.7 +1.0
G05D	baz=232,SNR=19				
NLWA	Neilton Lookou	77.96 32	P	P	14 13 31.4 +0.8
CNPM	China Poot	78.00 12	P	P	14 13 30.9 +0.3
HOM	Homr	78.05 12	P	P	14 13 31.3 +0.6
HOM	Homr	78.05 12	P	P	14 13 31.5 +0.8
E04D	Cinebar	78.10 34	P	P	14 13 32.8 +1.4
E04D	baz=232,SNR=39				
DIB	Dawson Inlet,	78.16 24	P	P	14 13 32.1 +0.6
H02S1	DAWSON INLET T	78.16 24	P	P	14 13 30.4 -1.1
O20K	Slope Mountain	78.26 11	P	P	14 13 32.3 +0.3
O20K	baz=201,SNR=82				
I07A	Ize	78.27 37	P	I	14 13 32.8 +0.2
I07A	comp=Z,126nm,1.1s				
F05D	White Salmon	78.27 35	P	P	14 13 33.4 +1.0
F05D	baz=231				
X16A	Lo Mia Camp, P	78.28 49	P	I	14 13 34.0 +1.1
X16A	comp=Z,234nm,1.1s				
N18K	Kilae Creek	78.28 9	P	P	14 13 32.2 +0.1
N18K	baz=198,SNR=54				
BRLK	Bradley Lake S	78.29 12	P	P	14 13 32.3 +0.1
BRSE	Bradley Lake S	78.30 12	P	P	14 13 32.9 +0.7
LCMT	Little Creek M	78.30 46	P	I	14 13 34.0 +1.0
LCMT	comp=Z,168nm,1.1s				
M0BC	Moresby Island	78.31 24	P	P	14 13 33.5 +1.1
D04E	Lakebay	78.39 33	P	P	14 13 34.9 +1.9
D04E	baz=230,SNR=15				
319A	Douglas	78.44 52	P	I	14 13 35.1 +1.3
319A	comp=Z,218nm,1.0s				
J08A	Circle Bar Ran	78.44 38	P	I	14 13 34.1 +0.6
J08A	comp=Z,181nm,1.1s				
D03D	Eldon	78.45 33	P	P	14 13 34.7 +1.4
D03D	baz=230,SNR=28				
CCUT	Cedar City	78.50 45	P	I	14 13 35.4 +1.3
CCUT	comp=Z,206nm,1.1s				

R50	Redout South	78.59 11	P	P	14 13 33.6 -0.4
R50	comp=Z,205nm,1.1s				
KNB	Kanab	78.60 46	P	P	14 13 35.9 +1.3
KNB	comp=Z,205nm,1.1s				
KNB	Kanab	78.60 46	I	I	14 13 35.9 +1.3
KNB	comp=Z,205nm,1.1s				
SPR3	Spring Creek	78.61 44	P	P	14 13 35.0 +0.2
SPR3	comp=Z,168nm,1.1s				
N19K	Bonanza Creek	78.63 10	P	P	14 13 34.1 0.0
N19K	baz=199,SNR=118				
U15A	North Rim	78.67 47	P	P	14 13 36.5 +1.4
PSUT	Pine Spring	78.68 44	P	I	14 13 35.7 +0.7
PSUT	comp=Z,107nm,0.9s				
SZCU	Shurtz Canyon	78.71 45	P	I	14 13 36.2 +0.9
SZCU	comp=Z,209nm,1.1s				
SVW2	Sparrevoehn	78.72 9	P	P	14 13 34.3 -0.2
D05A	Enumclaw	78.81 33	P	I	14 13 36.2 +1.0
D05A	comp=Z,284nm,1.3s				
WUAZ	Wupatki	78.86 48	P	I	14 13 37.1 +1.1
WUAZ	comp=Z,278nm,1.1s				
WUAZ	Wupatki	78.86 48	P	P	14 13 37.8 +1.7
WUAZ	baz=240,SNR=143				
SEW	Seward	78.89 12	P	P	14 13 35.0 -0.4
SEW	baz=204,SNR=63				
ELK	Elko	78.95 42	P	P	14 13 37.1 +0.6
ELK	comp=Z,174nm,1.0s				
ELK	Elko	78.95 42	P	I	14 13 37.1 +0.6
ELK	comp=Z,174nm,1.0s				
Q23K	Middleton Isla	78.97 14	P	P	14 13 36.7 +0.9
Q23K	Middleton Isla	78.97 14	P	P	14 13 36.4 +0.6
Q23K	comp=Z,207,SNR=6				
MID	Middleton Isla	78.97 14	P	P	14 13 36.5 +0.7
MID	comp=Z,287nm,0.8s				
MID	Middleton Isla	78.97 14	P	P	14 13 36.5 +0.7
PGC	Sidney	78.99 32	P	P	14 13 36.7 +0.5
F07A	Phinny Hill Vi	79.12 35	P	P	14 13 37.4 +0.4
PKCU	Pink Cliffs	79.16 46	P	P	14 13 39.7 +1.8
CAPN	Captain Cook N	79.17 11	P	P	14 13 37.7 +0.8
CAPN	comp=Z,203,SNR=5				
O22K	Cooper Landing	79.19 12	P	P	14 13 37.0 0.0
O22K	Cooper Landing	79.19 12	P	P	14 13 37.5 +0.5
BBB	Bella Bella	79.22 27	P	I	14 13 37.4 +0.1
BBB	comp=Z,115nm,0.9s				
G08A	Pilot Rock	79.30 36	P	I	14 13 38.7 +0.5
G08A	comp=Z,165nm,1.0s				
MDJ	Mudanjiang	79.31 323	P	P	14 13 39.0 +1.0
MDJ	comp=Z,980nm,4.7s				
MDJ	Mudanjiang	79.31 323	P	P	14 13 38.2 +0.2
BLSI	Baur Lampung	79.33 268	P	P	14 13 37.8 -1.1
BLSI	comp=Z,211nm,0.5s				
HPIG	Spur Chakacha	79.34 58	P	P	14 13 39.1 +0.2
PPBI	Pangkal Pinang	79.35 271	P	P	14 13 40.4 +1.4
PPBI	comp=Z,7umcomp=Z,134nm,1.0s				
SPCR	Saur Chakacha	79.38 11	P	P	14 13 37.7 -0.5
SPCR	baz=202,SNR=28				
SPU	Mount Spurr	79.39 11	P	P	14 13 37.6 -0.6
X18A	Snowflake	79.41 49	I	I	14 13 40.1 +1.0
X18A	comp=Z,119nm,1.0s				
A04D	Lummi Island	79.41 32	P	P	14 13 39.8 +1.4
A04D	baz=230,SNR=18				
B05A	Bryant	79.43 33	P	P	14 13 39.6 +1.0
B05A	baz=230,SNR=40				
LTY	Liberty	79.55 34	P	P	14 13 39.4 0.0
MTPU	Mount Pierson	79.55 45	I	I	14 13 41.5 +1.5
MTPU	comp=Z,232nm,1.2s				
E07A	Sunnyside	79.56 35	P	I	14 13 39.9 +0.5
E07A	comp=Z,148nm,1.1s				
GRNR	Gornyy	79.60 331	iP	P	14 13 40.4 +0.8
GRNR	comp=E,20nm,1.0s				
GRNR	Gornyy	79.60 331	eS	P	14 23 27.9 +0.2
GRNR	comp=N,20nm,1.2s				
GRNR	comp=Z,70nm,1.1s				
GRNR	comp=N,1.0nm,0.7s				
CRAG	Craig	79.64 22	P	I	14 13 40.6 +1.0
CRAG	comp=Z,149nm,1.0s				
CRAG	Craig	79.64 22	P	I	14 13 41.0 +1.5
CRAG	baz=220,SNR=14				
HAWA	Hanford	79.64 35	P	I	14 13 40.3 +0.5
HAWA	comp=Z,181nm,1.2s				
TCRU	Three Creeks R	79.66 45	P	P	14 13 41.7 +1.3
TCRU	comp=Z,136nm,1.0s				
M19K	Big River Lod	79.67 9	P	P	14 13 39.6 0.0
M19K	baz=200,SNR=48				
FIS	Fire Island	79.70 12	P	P	14 13 40.7 +1.0
RC01	Rabbit Creek A	79.74 12	P	P	14 13 40.0 +0.4
RC01	Rabbit Creek A	79.74 12	P	P	14 13 40.4 +0.4
MVU	Marysvalde	79.77 45	P	P	14 13 42.3 +1.3
MSU	Marysvalde	79			

P17A	Butcher Ranch,	81.25	45	P	P	14 13 49.5 +0.7
P17A				Iamb	Iamb	14 13 51.6
DL2	Dalian	81.27	315	P	S	14 13 49.8 +1.2
DL2				SS	SS	14 23 43.4 -2.1
DL2				pmax	pmax	14 28 04.7 -0.6
DL2						
DL2				pmax	pmax	
N25K	Chitina, Valde	81.30	14	P	P	14 13 48.9 +0.5
N25K	Chitina, Valde	81.30	14	P	P	14 13 49.1 +0.6
CN2	Changchun	81.31	321	eP	S	14 13 49.3 +0.5
CN2				S	S	14 23 42.1 -3.6
CN2				pmax	pmax	
CN2				pmax	pmax	
JLU	Jordanelle	81.33	43	P	P	14 13 49.8 +0.5
JLU				Iamb	Iamb	14 13 51.6
GLB	Gilahina Butte	81.34	14	P	P	14 13 48.9 +0.3
GLB				Iamb	Iamb	14 13 50.4
JIS	Juneau Island	81.38	20	P	P	14 13 49.3 +0.6
M24K	Tolsona, Glenn	81.40	13	P	P	14 13 49.6 +0.7
M24K	Tolsona, Glenn	81.40	13	P	P	14 13 49.9 +1.0
LHSI	Lahat	81.40	269	P	P	14 13 50.0 +0.1
Y22D	IRIS PASSCAL I	81.43	51	P	P	14 13 50.2 +0.4
Y22D	IRIS PASSCAL I	81.43	51	P	P	14 13 51.9 +2.1
LENM	Lemitar	81.43	51	P	P	14 13 50.4 +0.5
BESE	Bessie Mountai	81.47	20	P	P	14 13 50.3 +1.0
BESE				Iamb	Iamb	14 13 51.8
MCARA	McCarrhy VSAT	81.48	15	P	P	14 13 49.9 +0.6
WCAT6	Susitna Watana	81.50	12	P	P	14 13 49.9 +0.4
LOGN	Logan Glacier	81.51	16	P	P	14 13 50.3 +0.6
LOGN				Iamb	Iamb	14 13 51.6
BARN	Barnard Glacier	81.54	15	P	P	14 13 50.3 +0.5
BARN				Iamb	Iamb	14 13 51.8
CTG	Chitina Glacier	81.54	16	P	P	14 13 50.5 +0.7
CTGM				Iamb	Iamb	14 13 51.7
WATI	Susitna Watana	81.56	12	P	P	14 13 49.9 +0.2
MNTX	Cornudas Mount	81.56	54	P	P	14 13 51.5 +1.0
MNTX				Iamb	Iamb	14 13 53.3
MNTX						
MNTX						
BNM	Barren Site	81.68	51	P	P	14 13 51.9 +0.7
MVCO	Mesa Verde	81.71	47	P	P	14 13 52.1 +0.7
MVCO	Mesa Verde	81.71	47	P	P	14 13 52.4 +1.2
HWUT	Hardware Ranch	81.77	42	P	P	14 13 51.9 +0.4
HWUT				Iamb	Iamb	14 13 53.5
J20K	Novinta River	81.86	9	P	P	14 13 51.9 +0.8
CHUM	Lake Minchumim	81.87	10	P	P	14 13 50.7 -0.5
HARP	HAARP	81.88	13	P	P	14 13 52.0 +0.7
TNA	Tin City	81.90	3	P	P	14 13 52.5 +1.2
TX31	Lajitas Ar. Si	81.93	56	P	P	14 13 53.8 +1.3
TX32	Lajitas Array	81.93	56	P	P	14 13 54.0 +1.5
TX32				Iamb	Iamb	14 13 55.7
TXAR	Lajitas Array	81.93	56	P	P	14 13 54.0 +1.5
TXAR						
TXAR						
TXAR						
SKAG	Skagway	82.01	19	P	P	14 13 53.1 +1.1
SKAG				Iamb	Iamb	14 13 55.0
SKAG						
SKAG						
BCYI	Bear Canyon	82.02	39	P	P	14 13 53.9 +1.2
RND	Reindeer	82.03	11	P	P	14 13 52.4 +0.2
RND				pmax	pmax	
RND						
RND						
NEW	Newport	82.07	35	P	P	14 13 52.6 -0.1
NEW				pmax	pmax	
NEW						
NEW						
ANMO	Albuquerque	82.16	50	eP	P	14 13 55.0 +1.3
ANMO				pmax	pmax	
ANMO						
ANMO						
ANMO						
BPBW	Bear Paw Mtn.	82.29	10	P	P	14 13 52.5 -0.9
BPBW	Bear Paw Mtn.	82.29	10	P	P	14 13 52.6 -0.8
PAX	Paxson	82.31	13	P	P	14 13 53.2 -0.5
PAX				pmax	pmax	
PAX						
PAX						
KSI	Kapaliha	82.34	268	P	P	14 13 55.1 +0.2
M26K	Nabesna, AK	82.37	14	P	P	14 13 54.6 +0.6
QIZ	Qiongzong	82.47	292	P	P	14 13 56.6 +1.3
QIZ				pP	pP	14 14 38.1 -0.2
QIZ				S	S	14 24 00.0 +1.5
QIZ				S	S	14 25 06.6 -1.4
QIZ				pmax	pmax	
QIZ				pmax	pmax	
QIZ						
QIZ						
QIZ						
HYT	Haines Junction	82.47	17	P	P	14 13 54.6 -0.7
HYT				Iamb	Iamb	14 13 54.9 +0.3
RDMU	Red Mountain	82.56	44	P	P	14 13 56.1 +0.4
RDMU				Iamb	Iamb	14 13 57.8
M27K	Edge Creek, AK	82.60	15	P	P	14 13 56.2 +1.0
BTDF	Bukit Timah D	82.61	274	P	P	14 13 57.2 +1.0
BWN	Browne	82.62	11	P	P	14 13 55.3 +0.2
UBSI	University, Be	82.62	11	P	P	14 13 57.1 +0.8
ECR	Eagle Creek	82.62	41	P	P	14 13 56.2 +0.2
MCMT	McKenzie Canyo	82.63	39	P	P	14 13 57.0 +1.1
AHD	Auburn Hatcher	82.65	42	P	P	14 13 56.6 +0.6
MENT	Mentasta	82.67	14	P	P	14 13 55.9 +0.4
MENT				Iamb	Iamb	14 13 57.5
L26K	Log Cabin Wild	82.83	14	P	P	14 13 57.1 +0.8
WHN	Wuhan	82.94	305	pP	pP	14 13 57.9 +0.4
WHN				S	S	14 14 43.2 +2.8
WHN				S	S	14 24 07.0 +4.2
WHN				pmax	pmax	
WHN				pmax	pmax	
WHN				LR	LR	
WHN				LR	LR	
DLBC	Dease Lake	83.00	22	P	P	14 13 57.9 +0.6
DLBC				Iamb	Iamb	14 13 59.8

MSO	Missoula	83.05	37	P	P	14 13 58.0 +0.1
MSO	Missoula	83.05	37	P	P	14 13 58.0 +0.1
DLMT	Dillon	83.06	39	P	P	14 13 58.7 +0.7
DLMT				Iamb	Iamb	14 14 01.5
NEA2	Nenana	83.07	11	P	P	14 13 56.9 -0.6
NEA2	Nenana	83.07	11	P	P	14 13 56.9 -0.6
BELA	Belgrano Z	83.09	172	P	P	14 13 57.8 +0.2
WHY	Whitehorse	83.10	18	P	P	14 13 58.3 +0.4
WHY				Iamb	Iamb	14 14 00.4
WHY						
WHY						
REDW	Red Top Meadow	83.18	41	P	P	14 13 59.1 +0.7
TPAW	Teton Pass	83.11	41	P	P	14 13 58.6 +0.1
RIDG	Independent Ri	83.13	13	P	P	14 13 58.3 +0.4
I21K	Tanana	83.13	9	P	P	14 13 58.0 +0.3
S22A	4UR Ranch, Cre	83.13	48	P	P	14 14 00.4 +1.7
WRH	Wood River Hill	83.14	11	P	P	14 13 58.0 +0.2
MLY	Manley	83.19	10	P	P	14 13 57.9 -0.3
MLY				Iamb	Iamb	14 13 59.2
TIA	Tai'an	83.20	311	P	P	14 13 59.5 +0.7
TIA				pmax	pmax	
L27K	Beaver Creek	83.22	14	P	P	14 13 59.0 +0.8
L27K				Iamb	Iamb	14 14 00.5
L27K						
L27K						
DOT	Dot Lake	83.22	13	P	P	14 13 58.7 +0.4
DOT				Iamb	Iamb	14 14 00.6
SNOW	Snow King Moun	83.22	41	P	P	14 13 59.5 +0.5
BCAR	Beaver Creek A	83.23	14	P	P	14 13 58.7 +0.3
O20A	White River Ci	83.25	45	P	P	14 13 58.9 +0.6
O20A				Iamb	Iamb	14 14 02.5
O20A						
O20A						
HDA	Harding Lake	83.30	12	P	P	14 13 58.7 +0.1
HDA				Iamb	Iamb	14 14 00.6
HDA						
HDA						
IMW	Indian Meadow	83.32	41	P	P	14 14 00.6 +1.0
CCB	Clear Creek Bu	83.35	11	P	P	14 13 58.9 0.0
JTMT	Jette	83.36	36	P	P	14 13 59.2 -0.3
LRM	Limekiln Ridge	83.39	38	P	P	14 14 00.4 +0.6
LOHW	Long Hollow	83.39	41	P	P	14 14 00.5 +0.7
LOHW				Iamb	Iamb	14 14 02.7
QLRM	Earthquake Lak	83.49	40	P	P	14 14 01.8 +1.5
SCRK	Sand Creek	83.52	13	P	P	14 14 00.3 +0.4
SCRK				Iamb	Iamb	14 14 02.4
I23K	Minto, Yukon-K	83.53	10	P	P	14 13 59.6 -0.1
I23K				Iamb	Iamb	14 14 01.2
I23K						
I23K						
TCOL	CIGO, UAF Yank	83.55	11	P	P	14 13 59.6 -0.2
TCOL	CIGO, UAF Yank	83.55	11	P	P	14 14 00.1 +0.2
COLA	College	83.55	11	dP	P	14 13 59.7 -0.1
COLA				pmax	pmax	
COLA						
COLA						
COLA						
MDM	Mariposa Dome	83.56	11	P	P	14 13 59.9 -0.1
FLWY	Flag River	83.56	41	P	P	14 14 01.7 +1.0
PMSA	Palmer Station	83.59	156	eP	P	14 14 01.8 +1.6
YPP	Pitchstone Pla	83.59	40	P	P	14 14 01.9 +0.9
IMAR	Indian Mountai	83.63	8	P	P	14 14 01.0 +0.7
BW08	Boulder Array	83.64	42	P	P	14 14 01.5 +0.3
BW06	Boulder Array	83.64	42	P	P	14 14 01.7 +0.5
PD31	Pinedale Array	83.64	42	P	P	14 14 01.3 +0.1
PD31				Iamb	Iamb	14 14 03.9
PDAR	Pinedale Array	83.64	42	P	P	14 14 01.6 +0.4
PDAR				pp	pp	14 17 16.7 +0.2
PDAR						
PDAR						
IL31	Eielson Array	83.64	11	P	P	14 14 00.2 -0.1
ILAR	Eielson Array	83.64	11	P	P	14 14 00.2 -0.1
ILAR				pp	pp	14 17 14.0 -1.7
ILAR				pp	pp	14 20 22.6 +1.9
SMCO	Snowmass	83.68	46	P	P	14 14 02.4 +0.7
SMCO				Iamb	Iamb	14 14 05.1
YMR	Yukon River	83.69	40	P	P	14 14 02.6 +1.2
BOZ	Bozeman (W)	83.76	39	P	P	14 14 02.4 +0.8
BOZ				Iamb	Iamb	14 14 04.6
BOZ						
BOZ						
H17A	Grant Village	83.80	40	P	P	14 14 03.8 +1.8
H17A				Iamb	Iamb	14 14 06.5
H17A						
H17A						
YHH	Holmes Hill	83.83	40	P	P	14 14 03.4 +1.2
YHH				Iamb	Iamb	14 14 07.1
POKR	Poker Plat Res	83.85	11	P	P	14 14 01.3 -0.1
POKR				Iamb	Iamb	14 14 04.9
POKR						
POKR						
YNR	Norris Junctio	83.89	40	P	P	14 14 03.8 +1.4
YNR				Iamb	Iamb	14 14 10.6
LKWY	Lake	83.99	40	P	P	14 14 05.0 +2.1
LKWY				pmax	pmax	
LKWY						
LKWY						
SDCO	Great Sand Dun	84.08	48	P	P	14 14 04.1 +0.5
SDCO				Iamb	Iamb	14 14 04.3 +0.7
H23K	Yukon River	84.12	10	P	P	14 14 02.5 -0.3
HRY	Holler Researc	84.22	38	P	P	14 14 04.6 +0.7
YMP	Mirror Lake Pl	84.23	40	P	P	14 14 05.0 +0.8
YMP				Iamb	Iamb	14 14 19.3
WALA	Waterton Lakes	84.28	35	P	P	14 14 04.5 +0.3
WALA				Iamb	Iamb	14 14 06.0
H24K	Noodor Dome	84.42	11	P	P	14 14 03.5 -0.9
YNE	Yellowstone No	84.45				

Table with columns for call sign, name, frequency, and other parameters. Includes stations like V48A Smith Brothers, 404A Rio Lake, 747A Sharon Grove, etc.

Table with columns for call sign, name, frequency, and other parameters. Includes stations like SGDS Osenovka, USP Uchtor, AAK Al-Archa, etc.

Table with columns for call sign, name, frequency, and other parameters. Includes stations like NSS Namsos, SOHO SOHO, UOSS Minazif, etc.

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Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes stations like BSD, AKASG, KASAG, etc.

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Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes stations like KRLC, VARL, CMLA, etc.

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

Table with columns: STAL, STALIGIAL, 149.70 350, PKPb, 14 21 15.6 -0.7, etc. Lists various stations and their associated data.

Table with columns: MDT, 14 21 15.6 -0.7, PKPab, 14 22 16.0 -0.6, etc. Lists various stations and their associated data.

Table with columns: KBK, Karagaybulak, 4.32 11 P, Pn, 14 38 14.4 0.0, etc. Lists various stations and their associated data.

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IDC 03 14:22:17.1±2.1, 28:00N:43:94W, h0km, mb3.4/4, mb1 3.7/4, mb1mx3.4/4.7, mbtmsp3.4/4, MS3.4/1, Ms1 3.4/1, ms1mx3.0/3.0 Error ellipse: s-maj=13.1km s-min=31.9km az=19.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for IDC 03.

GUC 03 14:26:07.4±0.5, 21:29S:67:47W, h217km, 6km, ML3.6, IDC 03 14:26:07.9±0.6, 21:11S:66:96W, h199km, 67km, mb3.4/1, mb1 3.1/2, mb1mx2.9/2.2, mbtmsp3.6/2, Error ellipse: s-maj=99.9km s-min=63.0km az=158.0

ISC 03 14:26:06.7±1.2, 21:26S:05:67.5W±0.1, h215km±12km, n17, c0878/31, 8C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for GUC and ISC 03.

IDC 03 14:45:35.0±0.4, 28:37N:43:74W, h0km, mb4.5/3/4, mb1 4.6/3/4, mb1mx4.5/2.5, mbtmsp4.5/3/4, MS4.2/3, Ms1 4.2/3, ms1mx4.1/3.8, Error ellipse: s-maj=13.2km s-min=10.5km az=164.0

NEIC 03 14:45:37.0±1.5, 28:41N:0:10:43:7W:0.1, h10km±1km, M4.9/307, Error ellipse: s-maj=17.5km s-min=15.6km az=137.0

GCMT 03 14:45:39.0±0.3, 28:72N:0:03:43:65W:0.02, h13km±1km, MW5.1/99, Moment Tensor Solution. s26,c28; s99,c144; Dvations: 0 Moment tensor: Scale 10^16N; Mr=4.56±0.28; Mw=0.48±.17; Mw0.4±.07; Mw0.4±.02; Mw0.1±.02; Mw0.1±.01; Mw0.05±.03; Best double couple: Ms=72200±1016; NP1: 0.46±0.000001; s46.000001; -1.13±0.000001; NP2: 0.226±0.000001; s56.000001; 1.55±0.000001; Principal axes: T 4.4030, P1g7.0000, Azm291.0000; P 7.6230, P1g29.0000; Azm25.0000; P -7.0410, P1g60.0000; Azm190.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 03 14:45:37.1±0.3, 28:46N:0:05:43:73W:0.05, h12km±n715, c0872/108, mb4.9/197, MS4.2/32, 13C-50D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for IDC 03, NEIC 03, and ISC 03.

IDC 03 14:47:05.0±0.3, 39:38N:74:02E, h72km, 36km, mb3.4/3, mb1 3.4/8, mb1mx3.2/4.5, mbtmsp3.6/8, ML3.2/6, Error ellipse: s-maj=37.0km s-min=27.8km az=168.0

SOME 03 14:47:09.7, 39:33N:73:70E, h20km, BUJ 03 14:47:09.0±0.0, 38:56N:73:93E, h116km, MB4.7/4, mb4.6/4

NEIC 03 14:47:11.6±2.4, 38:56N:0:07:73:91E:0.08, h120km±15km, mb4.1/2, Error ellipse: s-maj=12.0km s-min=13.0m az=138.0

NCC 03 14:47:12.0±1.3, 38:56N:72:89E, h0km, mb3.5, mpv3.6, Error ellipse: s-maj=131.0km s-min=79.1km az=154.0

ISC 03 14:47:10.4±0.7, 38:42N:0:06:73:80E:0.07, h124km±n50, c2531/52, mb3.8/4, 2C-1D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station data for IDC 03, NEIC 03, and ISC 03.

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Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like G65A Princeton, H65A Eastbrook, L64A Middleborough, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like V53A comp=Z,20nm,1.1s, NBPB Pedra Branca-C, PAB San Pablo, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like DBIC comp=Z,917nm,18.4s, DBIC Dimbokro, W39A Magazine, etc.

GEC2	comp=Z,9.4nm,1.1s	I	Amb	I	Amb	14 54 18.2
GERES	GERESS Array B 48.01 49 P	P				14 54 15.4 -0.6
GERES	comp=Z,0.7nm,0.3s,baz=269,slow=7.5,SNR=16	LR				15 10 26.5
MOA	comp=Z,139nm,21.4s,baz=340,slow=31	P				14 54 19.2 +0.7
CKRC	comp=Z,0.4nm,0.2s	P				14 54 19.9 +0.9
JCT	Cesky Krumlov 48.41 49 eP	P				14 54 19.5 0.0
JUNCTION	Junction City 48.44 287 P	P				14 54 19.8 +0.2
OBKA	Obir 48.50 52 eP	P				14 54 20.3 +0.4
833A	Chaparral WMA, baz=76	P				14 54 20.8 +0.2
NB2	NORSAR Subarra 48.68 32 P	P				14 54 22.0 +1.0
NOA	NORSAR Array B 48.68 32 P	P				14 54 20.8 -0.2
NOA	comp=Z,1.6nm,0.6s,baz=254,slow=7.8,SNR=7.6	LR				15 11 06.5
OGNE	comp=Z,151nm,21.5s,baz=245,slow=31	P				14 54 23.0 +1.4
OGNE	Ogallala 48.71 301 P	P				14 54 21.0 -0.6
OGNE	Ogallala 48.71 301 P	P				14 54 21.7 +0.8
NC303	NORSAR Array S 48.81 32 P	I	Amb	I	Amb	14 54 24.7
ALF01	Guarapari-ES 48.87 176 eP	P				14 54 23.5 +0.8
AMTX	Amarillo 49.16 293 P	P				14 54 25.6 +0.5
AMTX	Amarillo 49.16 293 P	P				14 54 25.3 +0.2
BSCB	Bom Sucesso 49.17 181 eP	P				14 54 25.4 +0.2
ARSA	Arzberg 49.18 51 eP	P				14 54 25.1 +0.1
NEEM	North Greenland 49.19 358 I	I	Amb	I	Amb	14 54 27.0 +1.3
KSCO	comp=Z,13nm,1.0s	P				14 54 27.0 +0.4
KSCO	Kaye Shedlock 49.35 298 P	P				14 54 34.1
KSCO	Kaye Shedlock 49.35 298 P	P				14 54 26.8 +0.2
CONA	Conrad Observa 49.42 50 eP	P				14 54 27.7 +0.8
UPC	Upic 49.60 46 eP	P				14 54 29.6 +1.5
CHVC	Chivale 49.63 46 eP	P				14 54 29.2 +0.8
TULEG	Thule 49.64 353 P	P				14 54 28.0 +0.5
TULEG	49.64 353 P	P				14 54 31.8
OSTC	Ostas 49.73 46 eP	P				14 54 30.5 +1.4
DPC	Dobruska-Polom 49.79 47 eP	P				14 54 29.9 +0.3
DAG	Danmarks Havn 49.84 7 P	I	Amb	I	Amb	14 54 32.0 +0.3
RSSD	comp=Z,7.1nm,0.9s	P				14 54 31.2 -0.3
RSSD	Black Hills 49.99 305 P	P				14 54 31.2 -0.3
RSSD	Black Hills 49.99 305 P	P				14 54 32.5 +1.1
AQDB	Aquidana 50.00 195 eP	P				14 54 32.9 +1.4
CAM01	Campos-RJ 50.03 177 eP	P				14 54 32.4 +0.6
KRLC	Krailky 50.07 47 eP	P				14 54 33.0 -0.1
MSTX	Muleshoe 50.21 292 P	I	Amb	I	Amb	14 54 40.5
MSTX	comp=Z,20nm,0.9s	P				14 54 33.4 +0.2
MSTX	Muleshoe 50.21 292 P	P				14 54 33.5 -1.4
LPAZ	La Paz 50.36 211 P	P				14 54 33.5 -1.4
LPAZ	comp=Z,8.6nm,0.8s,baz=18,slow=6.4,SNR=22	LR				15 15 45.4
LPAZ	La Paz 50.36 211 P	P				14 54 33.5 -1.4
LPAZ	comp=Z,19nm,1.2s	I	Amb	I	Amb	14 54 35.9
LPAZ	La Paz 50.36 211 eP	P				14 54 35.0 +0.1
MODS	Modra-Piesok 50.37 49 eP	P				14 54 36.2 +2.2
VAS01	Vassouras-RJ 50.44 180 eP	P				14 54 35.0 +0.3
MORC	Moravsky Berou 50.56 47 eP	P				14 54 36.1 +0.7
T25A	Trinidad 50.99 296 P	I	Amb	I	Amb	14 54 39.2 +0.6
T25A	comp=Z,19nm,1.1s	P				14 54 47.2
T25A	Trinidad 50.99 296 P	P				14 54 39.1 0.0
ELAR	Angra dos Reis 51.18 181 eP	P				14 54 41.9 +1.7
VAO	Valinhos 51.25 184 eP	P				14 54 41.8 +0.9
Q24A	Divide 51.30 299 P	P				14 54 41.8 +0.2
MORH	Mirny, Hungary 51.34 52 eP	P				14 54 41.6 +0.3
YVHS	Vyhne 51.41 49 eP	P				14 54 42.8 +1.0
LAU	LASA Array 51.41 309 P	P				14 54 41.3 -0.6
ISCO	Idaho Springs 51.55 300 P	P				14 54 44.5 +1.1
ISCO	Idaho Springs 51.55 300 P	P				14 54 43.1 -0.3
N23A	Red Feather La 51.66 301 P	P				14 54 43.7 -0.5
SDCO	Great Sand Dun 51.75 297 P	P				14 54 45.4 +0.5
SDCO	Great Sand Dun 51.75 297 P	P				14 54 45.2 +0.2
FRTB	Fartura 51.80 187 eP	P				14 54 45.9 +0.9
K22A	Casper 51.91 304 P	I	Amb	I	Amb	14 54 45.8 -0.2
K22A	comp=Z,12nm,1.0s	P				14 54 51.8
K22A	Casper 51.91 304 P	P				14 54 45.7 -0.2
TXAR	Lajitas Array 51.97 286 P	P				14 54 46.4 0.0
TXAR	comp=Z,1.0nm,0.7s,baz=99,slow=7.7,SNR=14	PcP				14 55 59.0 +0.2
TXAR	comp=Z,0.7nm,0.9s,baz=100,slow=5.0,SNR=12	LR				15 17 28.6
TXAR	comp=Z,162nm,18.5s,baz=9.0,slow=37	P				14 54 45.8 -0.6
TX31	Lajitas Array 51.97 286 P	P				14 54 45.8 -0.6
TX32	Lajitas Array 51.97 286 P	P				14 54 45.8 -0.6
OJXC	Ojcow 52.02 47 P	P				14 54 46.6 +0.2
PDG	Podgorica 52.06 57 P	P				14 54 47.0 +0.2
PDG	52.06 57 P	I	Amb	I	Amb	14 54 55.1
PSZ	Piszkesteto 52.13 50 P	P				14 54 47.0 -0.3
DIVS	Divibare 52.44 55 P	P				14 54 50.0 +0.3
RWWY	Rawlins 52.52 302 P	P				14 54 50.7 +0.1
PET01	Ilanham-Sp 52.55 164 eP	P				14 54 51.4 +0.9
S22A	4UR Ranch, Cre 52.79 297 P	P				14 54 52.7 0.0
MNTX	Cornudas Mount 52.83 290 P	P				14 54 52.6 -0.1
MNTX	Cornudas Mount 52.83 290 P	P				14 54 53.1 +0.4
ANMO	Albuquerque 53.01 294 P	P				14 54 54.3 +0.1
ANMO	comp=Z,4.3nm,1.0s,baz=102,slow=13,SNR=16	I	Amb	I	Amb	14 54 54.4 +0.1
ANMO	Albuquerque 53.01 294 P	P				14 55 02.2
ANMO	comp=Z,18nm,1.1s	P				14 54 54.8 +0.7
CRVS	Cervenica-Dubn 53.13 48 eP	P				14 54 56.6 +2.0
BNM	Barren Site 53.31 293 P	P				14 54 57.1 +0.6
SIRR	Siria 53.43 52 eP	P				14 54 57.4 +0.7
BZS	Buzias 53.45 53 eP	P				14 54 58.0 +0.9
PTGB	Pitanga 53.47 189 eP	P				14 54 58.0 +0.6
O20A	White River Ci 53.50 301 P	P				14 54 57.3 -0.5
O20A	White River Ci 53.50 301 P	P				14 54 58.5 +0.8
LENM	Lemitar 53.59 293 P	P				14 55 00.2 +1.8
MDVR	Moldovita 53.60 54 eP	P				14 54 59.5 +1.3
RLMT	Red Lodge 53.64 307 P	P				14 54 58.7 0.0
RLMT	Red Lodge 53.64 307 P	P				14 54 59.2 +0.5
BOVS	Bovan 53.72 55 eP	P				14 55 00.4 +1.4
EGMT	Eagleton 53.74 310 P	P				14 54 58.8 -0.5
PB11	IPOC Station P 54.09 211 P	P				14 54 60.0 -2.1
DRGR	Lajitas Array 54.11 51 eP	P				14 55 02.9 +0.9
PD31	Pinedale Array 54.12 304 P	P				14 55 01.9 -0.3
PDAR	Pinedale Array 54.12 304 P	P				14 55 01.7 -0.5
PDAR	Pinedale Array 54.12 304 P	P				14 55 02.0 -0.3
YNE	Yellowstone No 54.17 307 P	P				14 55 02.8 +0.1
MVCO	Mesa Verde 54.19 297 P	P				14 55 03.4 +0.5
MVCO	Mesa Verde 54.19 297 P	P				14 55 04.2 +1.3
PB08	IPOC Station P 54.20 211 P	P				14 55 01.8 -1.3

PB08	comp=Z,17nm,1.2s	I	Amb	I	Amb	14 55 02.7
NOR	Nord 54.26 5 I	P				14 55 02.4 0.0
NOR	comp=Z,10nm,1.1s	I	Amb	I	Amb	14 55 04.9
GZR	Gura Zlata 54.29 53 eP	P				14 55 02.6 -0.7
YMP	Mirror Lake PI 54.31 306 P	P				14 55 03.6 -0.1
RDMU	Red Mountain 54.44 301 P	I	Amb	I	Amb	14 55 04.6 0.0
RDMU	comp=Z,22nm,1.1s	P				14 55 11.6
LKWY	Lake 54.50 306 P	P				14 55 05.3 +0.3
LKWY	comp=Z,20nm,1.3s	I	Amb	I	Amb	14 55 13.7
PABE	Paberze 54.55 40 P	P				14 55 05.7 +0.8
PABE	comp=Z,18nm,1.0s	I	Amb	I	Amb	14 55 06.8
121A	Cookes Peak, D 54.62 291 P	P				14 55 05.8 -0.2
121A	comp=Z,20nm,1.1s	I	Amb	I	Amb	14 55 14.8
121A	Cookes Peak, D 54.62 291 P	P				14 55 07.0 +1.0
LOHW	Long Hollow 54.76 305 P	P				14 55 06.8 -0.2
LOHW	comp=Z,13nm,1.2s	I	Amb	I	Amb	14 55 14.4
FLWY	Flagg Ranch 54.77 306 P	P				14 55 07.2 +0.2
FLWY	comp=Z,13nm,1.0s	I	Amb	I	Amb	14 55 14.8
YHH	Holmes Hill 54.79 307 P	P				14 55 07.5 +0.3
YHH	comp=Z,13nm,1.3s	I	Amb	I	Amb	14 55 15.2
VTS	Vitoshia 54.96 56 eP	P				14 55 09.7 +1.4
VTS	54.96 56 P	P				14 55 08.2 0.0
IMW	Indian Meadow 54.97 306 P	P				14 55 08.3 -0.2
REDW	Red Top Meadow 54.98 305 P	P				14 55 07.4 -1.1
REDW	comp=Z,21nm,1.4s	I	Amb	I	Amb	14 55 15.9
TPAW	Teton Pass 55.03 305 P	P				14 55 07.8 -1.2
PB01	IPOC Station P 55.15 210 P	P				14 55 08.3 -1.3
QLMT	Earthquake Lak 55.20 307 P	P				14 55 09.1 -0.9
AHID	Auburn Hatcher 55.24 304 P	P				14 55 09.4 -0.9
AHID	comp=Z,15nm,1.1s	I	Amb	I	Amb	14 55 17.0
BOZ	Bozeman (W) 55.24 308 P	P				14 55 09.6 -0.7
BOZ	comp=Z,15nm,1.4s	I	Amb	I	Amb	14 55 17.7
BOZ	Bozeman (W) 55.24 308 P	P				14 55 10.7 +0.4
HRY	Holter Researc 55.26 309 P	P				14 55 09.7 -0.6
ECR	Eagle Creek 55.40 305 P	P				14 55 11.2 -0.3
SRU	San Rafael Swe 55.41 300 P	P				14 55 11.4 -0.3
P17A	Butcher Ranch, 55.51 300 P	P				14 55 11.7 -0.6
W18A	Petrified Fore 55.60 295 P	P				14 55 13.2 +0.1
W18A	comp=Z,18nm,1.1s	I	Amb	I	Amb	14 55 21.2
W18A	Petrified Fore 55.60 295 P	P				14 55 13.0 0.0
BUR08	Bucovina Ar. S 55.72 50 P	P				14 55 14.2 +0.6
BUR08	comp=Z,14nm,1.2s	I	Amb	I	Amb	14 55 17.4
BURAR	Bucovina Array 55.73 50 eP	P				14 55 16.0 +2.3
BURAR	Bucovina Array 55.73 50 P	P				14 55 13.7 +0.1
EDM	Edmonton 55.75 317 P	P				14 55 13.3 -0.2
HWUT	Hardware Ranch 55.76 303 P	P				14 55 13.0 -0.4
HWUT	comp=Z,12nm,1.2s	I	Amb	I	Amb	14 55 21.4
LRM	Limekiln Ridge 55.79 308 P	P				14 55 14.3 0.0
FINES	FINESS Array B 55.82 33 P	P				14 55 14.8 +0.9
FINES	comp=Z,7.0nm,0.9s,baz=145,slow=7.0,SNR=9.2	LR				15 15 48.0 +0.9
FINES	FINESS Array B 55.82 33 P	P				14 55 14.0 0.0
FIA1	FINESS Array S 55.82 33 P	P				14 55 14.0 +0.1
FIA1	comp=Z,12nm,0.9s	I	Amb	I	Amb	14 55 16.8
JLU	Jordanelle 55.85 302 P	P				14 55 14.3 -0.5
JLU	comp=Z,21nm,1.1s	I	Amb	I	Amb	14 55 22.3
VOIR	Trail Mountain 55.87 52 eP	P				14 55 16.0 +1.3
TMUT	TMUT 55.90 300 P	P				14 55 14.9 -0.4
TMUT	comp=Z,16nm,1.3s	I	Amb	I	Amb	14 55 23.1
DLMT	Dillon 55.95 307 P	P				14 55 15.5 +0.1
DLMT	comp=Z,13nm,1.1s	I	Amb	I	Amb	14 55 23.0
CPUP	Villa Florida 56.02 195 P	P				14 55 14.8 -0.9
CPUP	comp=Z,1.4nm,0.7s,baz=362,slow=2.6,SNR=4.6	LR				15 17 48.1
CPUP	Maple Canyon 56.09 301 P	P				14 55 16.1 -0.4
MPU	comp=Z,15nm,1.1s	I	Amb	I	Amb	14 55 24.1
MCMT	Naroch 56.18 41 P	P				14 55 17.4 +0.3
NACMG	McKenzie Canyo 56.20 307 P	P				14 55 17.6 +0.3
LVC	Limon Verde 56.28 208 P	P				14 55 17.1 -0.7
YKA	Yellowknife Ar 56.38 328 P	P				14 55 18.1 +0.2
YKA	comp=Z,3.2nm,0.9s,baz=93,slow=7.6,SNR=11	LR				15 19 11.9
YKA	comp=Z,612nm,19.2s,baz=9.0,slow=36	LR				14

Table of astronomical observations for 3d 15h, listing station names (e.g., M04C, BR131), station IDs, coordinates, and observation times.

Table of astronomical observations for 2015 AUG, listing station names (e.g., BERG, CCB), station IDs, coordinates, and observation times.

Table of astronomical observations for 2015 AUG, listing station names (e.g., ZALV, ZALV), station IDs, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like TORO Torodi Ar. Bea and H10N2 ASCENSION HYDR65.54 137 T.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like TORO Torodi Ar. Bea and H10N2 ASCENSION HYDR64.038 T.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like ERNS Erzin and ZALV Zalesovo Beam.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Makanchi Array, Podgomoye, Taragay, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TAP 03 15:20:20.4, 23:23N, 120:73E, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TAP 03 15:20:21.3, 23:18N, 120:75E, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WTP Ta-pu, TPUB Ta-pu, TPUB Ta-pu, etc.

IDD 03 15:34:10.5:0.5, 28:43N, 43:80W, h0km, mb4.4/34, mb1 4.5/34, mb1mx4.4/57, mbtm4.4/34, MS4.0/29, MS1 4.0/29, ms1mx3.9/37, Error ellipse: s-maj=16.1km s-min=11.6km az=162.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJC San Juan, PMOZ Porto Moniz, DRLN Deer Lake, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like J58A Remsen, H57A Richville, P57A Homestead Farm, etc.

Table with columns: 3d 15h, comp, I/Amb, P, 15 41 50.0, etc. Includes entries like JWFS Jewell Farm, N41A Harden Midland, LCAAR Lake Charles, etc.

Table with columns: NC204 NORSAR Array S, 48.56 32, P, I/Amb, 15 42 54.9 -0.7, etc. Includes entries like 833A Chaparral WMA, NOA NORSAR Array B, etc.

Table with columns: HWUT Hardware Ranch, 55.80 303, P, I/Amb, 15 43 49.5 -0.4, etc. Includes entries like FINES FINESSE Array B, FINES FINESSE Array C, etc.

3d 16h

0.9nm, 1.0s, baz=71, slow=3.9, SNR=4.8
PLCA Paso Flores 73.17 201 P
3.0nm, 0.9s, baz=35.1, slow=11, SNR=3.8

IDC 03 16:21:43.8, 2.6, 9.91'S, 114.65'E, h0km, mb3.3/3,
mb1 9.3, mb1mx3.3/36, mbtmp3.3/3, Error ellipse:
s-maj=147.8km s-min=25.3km az=47.0
DJA 03 16:21:49.9, 0.3, 10.3'S x 11.5'E, h10km, M4.3/3,
mb4.7/3, MLV4.1/13
ISC 03 16:21:49.7, 1.3, 9.71'S, 107.115, 35E, 0.05, h10km, n18,
c1509/19, South of Bali

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like DNP Denpasar, KLINI Mataram, SRBI Singaraja, etc.

IDC 03 16:24:58.8, 1.0, 28.44N, 43.70W, h0km, mb3.8/8,
mb1 4/8, mb1mx3.749, mbtmp3.8/8, MS3.6/26,
Ms1 3.6/26, ms1mx3.4/46, Error ellipse: s-maj=34.9km
s-min=22.6km az=178.0
NEIC 03 16:25:02.3, 2.4, 29.0N, 02.4, 3.6W, 0.1, h10km, 1km,
mb4.7/20, Error ellipse: s-maj=28.6km s-min=21.1km
az=192.0
ISC 03 16:25:01.3, 0.7, 28.7N, 02.4, 3.7W, 0.1, h12km, n51,
c1547/28, mb4.4/18, MS3.6/26, Northern Mid-Atlantic
Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like L64A Middleborough, M64A Tiverton, BCX Boston College, etc.

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AKTO Aktyubinsk 75.28 40 LR LR 17 09 25.7
comp=Z,36nm,18.4s, baz=307, slow=35
MKAR Makanchi Array 90.38 34 P P 16 38 03.2 +0.6
comp=Z,1.1nm,1.1s, baz=294, slow=4.6, SNR=6.0

ISK 03 16:29:42.3, 34.51'N, 32.75'E, h9km, ML3.0/15
NIC 03 16:29:42.6, 0.0, 34.56N, 32.95'E, h15km, 1km, M3.1/3
GII 03 16:29:44.2, 0.0, 34.46N, 32.97'E, h10km, Mm2.4/3
DDA 03 16:29:45.5, 34.85N, 32.86'E, h15km, 1km, ML2.5
ISC 03 16:29:42.6, 1.0, 34.53N, 0.02, 32.89E, 0.03, h12km, 8km,
n51, c1500/81, Cyprus region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like SZAC Souni, SZAC 40nm,0.4s, SZAC 40nm,0.4s, etc.

MEX 03 16:30:34.2, 1.1, 17.74N, 93.82W, h24km, 25km, MD4.6,
Chiapas

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like TGIG Sabancuy, VHO Vista Hermosa, VHO Huatulo, etc.

IDC 03 16:41:03.0, 0.4, 5.20'S, 152.52'E, h0km, mb4.7/23,
mb1 4.9/26, mb1mx4.8/34, mbtmp4.8/26, ML4.0/3, MS4.1/15,
Ms1 4.1/15, ms1mx4.0/25, Error ellipse: s-maj=15.0km
s-min=11.7km az=93.0
MOS 03 16:41:05.9, 1.0, 5.23'S, 152.53'E, h36km, mb5.2/19, Error
ellipse: s-maj=8.8km s-min=6.5km az=103.7
NEIC 03 16:41:06.6, 1.3, 5.23S, 0.05, 152.60E, 0.07, h24km, 4km,
mb5.3/173, Error ellipse: s-maj=10.6km s-min=7.3km
az=68.0
BUJ 03 16:41:07.5, 0.0, 5.32'S, 152.48'E, h46km, mb5.0/47,
mb5.1/88, Ms4.6/51, Ms7.4/451
GCMT 03 16:41:10.6, 0.2, 5.48S, 0.01, 152.62E, 0.01, h28km, 1km,
MMV5.2/129, Moment Tensor Solution. s60, c82:
s129, c199; Duration: 150 Moment tensor: Scale 1017

152

Nm: M=0.14; 0.2; M0=0.77; 0.1; M00.63; 0.2;
M=0.18; 0.3; M0.13; 0.1; M=0.34; 0.3; Best double
couple: M0.81600, 1017; NP19.317, 00000; 864, 00000;
1.67, 00000; NP20.53, 00000; 878, 00000; 1.27, 00000;
Principal axes: T 0.8270, Plg2.0000; Azm78.0000; N
-0.0220, Plg1.0000; Azm75.0000; P -0.8040,
Plg10.0000; Azm183.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
DJA 03 16:41:10.3, 0.4, 5.3'S x 15.3'E, h64km, 4km, MS5.3/66,
mb5.7/27, mb5.4/66, MLV5.7/36, MW(MB)5.2/27
ISC 03 16:41:08.4, 0.3, 5.22S, 0.01, 152.62E, 0.04, h38km, 2km,
h39km, P-P, n569, c1523/602, mb5.3/207, MS4.3/36, 9C-2D,
sum 179nm, 1.2s

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like RABL Rabaul, RABL Rabaul, MANU Manus Island, etc.

Table with columns: STKA, Stephens Creek, 28.45 200, P, P, 16 46 58.2 -1.5, etc. Includes various station names and coordinates.

Table with columns: JTM, Tenmabayashi, 46.99 348, P, P, 16 49 35.0 -0.7, etc. Includes various station names and coordinates.

Table with columns: KMI, comp=Z, 96nm, 8.7s, LR, LR, 16 49 52.5, etc. Includes various station names and coordinates.

3d 17h

NACB	baz=273	S	Sb	17 01 55.5 -0.4
HWA	Hwallen baz=293	0.31 242	i P	Pn 17 01 51.7 -0.2
HWA	baz=233	S	Sn	17 01 57.9 +0.5
EWUT	Wuta baz=341	0.34 341	i P	Pb 17 01 51.2 -0.4
EWUT	baz=341	i S	Sb	17 01 57.1 0.0
TEYL	Yanliu Villag baz=225	0.38 227	P	Pn 17 01 52.4 -0.4
TEYL	baz=225	S	Sn	17 01 59.5 +0.4
ETLH	Xiulin Townshi baz=277	0.39 282	P	Pb 17 01 51.9 -0.5
ETLH	baz=277	S	Sb	17 01 58.5 0.0
ETM	Tongmen baz=241	0.41 247	P	Pb 17 01 52.4 -0.1
ETM	baz=241	S	Sn	17 01 59.8 0.0
TWC	Suao baz=357	0.48 354	i P	Pb 17 01 53.5 -0.3
TWC	baz=357	S	Sb	17 02 00.8 0.0
ESL	Shilin baz=229	0.53 234	i P	Pb 17 01 54.2 -0.3
ESL	baz=229	i S	Sn	17 02 02.8 -0.1
TEGC	Jichi Village baz=214	0.53 219	P	Pn 17 01 55.4 +0.4
TEGC	baz=214	S	Sn	17 02 03.4 +0.6
NDS	Dongshan baz=342	0.54 342	i P	Pb 17 01 54.3 -0.3
NDS	baz=342	i S	Sb	17 02 02.3 +0.1
NNSB	Datong baz=300	0.56 303	i P	Pb 17 01 54.6 -0.5
NNSB	baz=300	S	Sb	17 02 02.6 -0.5
NNSH	Datong baz=300	0.56 303	i P	Pb 17 01 54.5 -0.6
NNSH	baz=300	S	Sb	17 02 02.9 -0.2
NNS	Nan Shan baz=301	0.58 303	i P	Pb 17 01 54.7 -0.6
NNS	baz=301	i S	Sb	17 02 03.0 -0.4
WHF	Hehuan Shan baz=268	0.58 272	i P	Pb 17 01 55.1 -0.5
WHF	baz=268	S	Sb	17 02 03.7 -0.2
NDT	Datong Townshi baz=322	0.59 323	i P	Pb 17 01 55.2 -0.3
NDT	baz=322	i S	Sb	17 02 03.5 -0.2
ENTT	Nioudou baz=329	0.60 329	i P	Pb 17 01 55.1 -0.6
ENTT	baz=329	S	Sb	17 02 03.7 -0.2
FUSS	Fushou baz=278	0.61 282	i P	Pn 17 01 55.9 -0.5
FUSS	baz=278	i S	Sb	17 02 04.4 -0.2
EGFH	Guangfu baz=220	0.63 224	e P	Pn 17 01 56.1 -0.2
EGFH	baz=220	e S	Sn	17 02 06.6 +1.3
TWE	Neicheng baz=342	0.63 340	i P	Pb 17 01 55.6 -0.6
TWE	baz=342	i S	Sb	17 02 04.9 +0.1
ILA	Ilan baz=349	0.65 348	e P	Pb 17 01 55.8 -0.7
CHGB	Renai baz=261	0.67 265	P	Pb 17 01 56.5 -0.4
CHGB	baz=261	S	Sn	17 02 06.3 -0.4
TWT	Tachien baz=278	0.68 281	P	Pn 17 01 57.2 +0.1
TWT	baz=278	S	Sn	17 02 07.0 +0.3
OWD	Renai baz=252	0.69 256	i P	Pb 17 01 56.8 -0.3
OWD	baz=252	S	Sn	17 02 06.3 -0.6
TDCB	Techi baz=278	0.69 281	P	Pn 17 01 57.3 0.0
TDCB	baz=278	S	Sb	17 02 06.2 -0.4
YHNB	Yeheng baz=317	0.72 319	i P	Pb 17 01 57.1 -0.7
YHNB	baz=317	e S	Sb	17 02 06.5 -0.9
NTC	Toucheng baz=356	0.73 355	e P	Pb 17 01 57.6 -0.2
NTC	baz=356	e S	Sn	17 02 08.2 +0.3
NSK	Sanguang baz=317	0.74 318	i P	Pb 17 01 57.3 -0.8
NSK	baz=317	i S	Sb	17 02 07.1 -0.8
NWLT	Wulai baz=330	0.74 331	e P	Pb 17 01 57.3 -0.8
NWLT	baz=330	S	Sn	17 02 08.2 -0.1
HGSD	Ruisui baz=212	0.77 215	P	Pn 17 01 58.3 +0.1
HGSD	baz=212	e S	Pn	17 02 09.7 +1.0
EHY	Hungye baz=217	0.81 221	i P	Pb 17 01 58.4 -0.8
EHY	baz=217	S	Sn	17 02 10.4 +0.5
TIPB	Shuangxi baz=356	0.85 355	P	Pn 17 01 59.5 +0.1
TIPB	baz=356	i S	Sn	17 02 11.4 +0.6
WPL	Puli Township baz=260	0.87 263	e P	Pb 17 01 59.9 -0.2
WPL	baz=260	S	Sn	17 02 12.2 +0.9
TWB1	Sanhao Chiao baz=7.0	0.88 5	e P	Pn 17 01 59.1 -0.8
TWB1	baz=7.0	e S	Sb	17 02 11.1 -0.7
WHP	Taichung City baz=278	0.89 280	e P	Pb 17 02 00.3 -0.1
WHP	baz=278	e S	Pn	17 02 11.7 -0.1
TWA	Mucha baz=342	0.90 341	P	Pb 17 02 00.8 +0.2
TWA	baz=342	S	Sn	17 02 12.6 +0.5
NHHD	Xindian Distri baz=337	0.90 338	e P	Pb 17 02 00.7 0.0
NHHD	baz=337	e S	Pn	17 02 13.4 +1.3
ECBN	Changbin baz=205	0.90 207	P	Pn 17 01 59.9 -0.2
ECBN	baz=205	S	Sb	17 02 11.9 -0.5
WCS	Beigang Elemen baz=263	0.91 266	e P	Pb 17 02 00.6 -0.2
WCS	baz=263	e S	Pn	17 02 12.5 +0.3
YULB	Yu-li baz=215	0.92 217	P	Pn 17 01 59.7 -0.6
YULB	baz=215	S	Sn	17 02 13.2 +0.8
TATO	Taipei baz=336	0.93 336	P	Pb 17 02 01.0 -0.1
TATO	baz=336	e S	Sb	17 02 12.3 -0.8
SSLB	Suanglung baz=246	0.93 249	P	Pb 17 02 00.7 -0.5
SSLB	baz=246	S	Sn	17 02 13.5 +0.7
EYUL	Yuli baz=212	0.94 215	e P	Pb 17 02 01.4 +0.1
EYUL	baz=212	e S	Sn	17 02 13.5 +0.5
SMLT	Sun Moon Lake baz=252	0.95 256	i P	Pb 17 02 01.3 -0.2
SMLT	baz=252	S	Sn	17 02 13.7 +0.3

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TWFI	Yuli baz=213	0.95 216	P	Pn	17 02 00.1 -0.6
TWFI	baz=213	S	Sn	17 02 13.7 +0.4	
NWF	Wufen Shan baz=354	0.95 353	P	Pb	17 02 02.2 +0.7
NWF	baz=354	S	Sn	17 02 15.2 +1.8	
WFSB	Wufen Shan baz=354	0.95 353	e P	Pb	17 02 01.4 -0.1
WFSB	baz=354	e S	Sn	17 02 14.6 +1.3	
NJD	Zhudong baz=308	0.96 310	e P	Pb	17 02 01.4 -0.2
NJD	baz=308	e S	Sn	17 02 15.2 +1.6	
LIOB	Emei baz=301	0.96 303	i P	Pb	17 02 01.9 +0.2
LIOB	baz=301	i S	Sn	17 02 14.1 +0.5	
NHY	Taipei baz=342	0.96 342	e P	Pn	17 02 00.7 -0.2
NHY	baz=342	e S	Sb	17 02 12.5 -1.5	
NSTT	Nanjuang baz=300	0.96 302	P	Pb	17 02 01.6 -0.1
NSTT	baz=300	S	Sn	17 02 14.7 +1.1	
TAP	Taipei baz=339	0.98 339	e P	Pn	17 02 00.4 -0.8
TAP	baz=339	e S	Sb	17 02 13.5 -1.1	
TYC	Yuchr baz=254	0.98 257	P	Pb	17 02 01.8 -0.2
TYC	baz=254	S	Sn	17 02 15.6 +1.6	
JYNG	Yonangunjimaku baz=244	1.01 71	P	Sb	17 02 01.6 +0.1
JYNG	baz=244	e S	Sb	17 02 15.2 -0.1	
TNOU	National Taiwa baz=353	1.03 353	e P	Pn	17 02 01.4 -0.3
TNOU	baz=353	e S	Sb	17 02 16.9 +1.0	
WHYT	Xinyi Township baz=244	1.05 246	P	Pb	17 02 03.7 +0.5
WHYT	baz=244	S	Sb	17 02 16.8 +0.2	
TWQ1	Liyutan baz=280	1.05 282	e P	Pn	17 02 03.4 +0.1
TWQ1	baz=280	e S	Pn	17 02 02.2 -0.2	
TWS1	Kuangyinshan baz=336	1.07 336	e P	Pn	17 02 15.8 -0.4
TWS1	baz=336	e S	Sn	17 02 15.8 -0.4	
YOJ	Yonaguni jima baz=73	1.07 71	P	Pn	17 02 02.5 +0.1
YOJ	baz=73	e S	Pn	17 02 16.7 +0.6	
YOJ	Yonaguni jima baz=73	1.07 71	P	Pn	17 02 02.6 +0.3
YOJ	baz=73	S	Sn	17 02 16.4 +0.2	
FULB	Fulli baz=209	1.08 211	P	Pb	17 02 03.2 -0.4
FULB	baz=209	e S	Sb	17 02 16.9 -0.4	
NMLH	Miaoili baz=290	1.09 292	e P	Pn	17 02 02.9 +0.2
NMLH	baz=290	e S	Sn	17 02 16.6 -0.2	
YM08	YM08 baz=345	1.10 345	e P	Pn	17 02 01.9 -0.9
YM08	baz=345	e S	Sn	17 02 16.6 -0.3	
WJS	Zhushan baz=252	1.11 255	e P	Pb	17 02 05.2 +0.9
WJS	baz=252	e S	Sb	17 02 19.9 +1.5	
TCU	Taichung baz=269	1.12 271	i P	Pb	17 02 05.0 +0.7
CHKT	Chengkung baz=203	1.13 206	P	Pb	17 02 03.7 -0.9
CHKT	baz=203	e S	Sb	17 02 19.0 +0.1	
WNT1	Nantou City baz=257	1.14 259	e P	Pb	17 02 04.6 -0.1
WNT1	baz=257	e S	Pn	17 02 18.7 -0.3	
WNT	Mingjian baz=255	1.14 258	P	Pb	17 02 04.9 +0.2
WNT	baz=255	e S	Pn	17 02 19.2 -0.9	
WDJ	Dajia District baz=279	1.17 281	e S	Sb	17 02 05.2 -0.3
WDJ	baz=279	e S	Pb	17 02 05.2 -0.3	
ALS	Alishan baz=236	1.18 239	P	Pb	17 02 19.6 -0.8
ALS	baz=236	e S	Sb	17 02 19.4 +0.5	
ECS	Chishang baz=209	1.20 212	e S	Pn	17 02 05.0 +0.2
ECS	baz=209	e S	Pn	17 02 21.0 -1.0	
ELDTW	Lidau baz=219	1.23 221	P	Pn	17 02 05.0 +0.2
ELDTW	baz=219	e S	Sb	17 02 21.0 -1.0	
CHN5	Tsauling baz=243	1.24 245	P	Pb	17 02 06.5 +0.1
CHN5	baz=243	e S	Pb	17 02 04.1 -1.0	
EDH	Donghe baz=204	1.27 206	e P	Sn	17 02 21.0 -0.2
EDH	baz=204	e S	Sn	17 02 21.0 -0.2	
WGK	Gukeng baz=248	1.30 251	P	Pb	17 02 07.7 +0.3
WGK	baz=248	e S	Sb	17 02 23.8 +0.1	
WDLH	Deouli baz=249	1.32 251	e P	Pb	17 02 07.8 +0.1
WDLH	baz=249	e S	Pb	17 02 08.6 -0.5	
STYH	Taoyuan baz=225	1.40 228	e P	Pb	17 02 08.6 -0.5
STYH	baz=225	e S	Sb	17 02 27.1 +0.5	
LONT	Longtian baz=209	1.40 210	e P	Pn	17 02 07.5 +0.5
LONT	baz=209	e S	Sb	17 02 25.9 -0.8	
WRL	Guolierin Hig baz=259	1.41 261	e P	Pb	17 02 08.6 -0.7
WRL	baz=259	e S	Pb	17 02 09.1 -0.4	
STYT	Taoyuan baz=225	1.42 228	P	Pb	17 02 09.1 -0.4
STYT	baz=225	e S	Sb	17 02 27.4 +0.2	
TPUB	Ta-pu baz=233	1.43 235	P	Pb	17 02 09.5 0.0
TPUB	baz=233	e S	Pb	17 02 26.6 -0.9	
CHN2	Minshiang baz=244	1.43 246	e S	Sb	17 02 21.1 +0.2
CHN2	baz=244	e S	Pb	17 02 09.9 -0.3	
WTK	Tuku baz=251	1.45 253	e P	Pb	17 02 09.9 -0.3
WTK	baz=251	i P	Pb	17 02 28.1 -1.2	
WTP	Ta-pu baz=231	1.47 234	i P	Pb	17 02 08.4 -0.0
WTP	baz=231	e S	Pn	17 02 28.1 -1.2	
LDUT	Ludao baz=194	1.50 195	e S	Sb	17 02 08.4 -0.0
LDUT	baz=194	e S	Pn	17 02 28.1 -1.2	
TWG	Pinlang baz=208	1.50 211	e P	Pn	17 02 08.4 -0.0
TWG	baz=208	e S	Pn	17 02 28.7 -0.8	
TTN	Taitung baz=205	1.53 207	e P	Pn	17 02 09.6 +0.9
TTN	baz=205	e S	Sb	17 02 29.8 -0.5	
TWK	Hsinying baz=234	1.55 237	P	Pb	17 02 11.3 -0.4
TWK	baz=234	e S	Sn	17 02 28.9 +0.7	
CHN1	Nanshi baz=232	1.57 234	P	Pb	17 02 11.3 -0.7
CHN1	baz=232	e S	Pb	17 02 11.1 -1.2	
SGST	Jiashian baz=227	1.59 230	P	Pb	17 02 11.1 -1.2
SGST	baz=227	e S	Pn	17 02 30.4 +1.2	
SLGT	Liuqiu baz=224	1.61 226	e P	Pb	17 02 12.5 -0.0
SLGT	baz=224	e P	Pn	17 02 11.6 +0.9	
ICHU	Yijhu baz=241	1.67 243	e P	Pn	17 02 32.5 -1.8
ICHU	baz=241	e S	Sb	17 02 11.1 +0.3	
IRIF	Iriomote-Funau baz=241	1.68 82	P	Pn	17 02 32.0 +0.7
IRIF	baz=241	e S	Pn	17 02 12.2 +0.6	
HATJ	Hateruma jima baz=208	1.74 92	P	Pn	17 02 12.9 +1.1
HATJ	baz=208	e P	Pn	17 02 14.6 -1.1	
ECL	Taimali baz=225	1.82 220	e P	Pb	17 02 15.8 -0.5
ECL	baz=225	e P	Pb	17 02 15.2 -2.0	
SCST	Majia baz=218	1.82 220	e P	Pb	17 02 15.2 -2.0
SCST	baz=218	e P	Pb	17 02 15.2 -2.0	
TWMT	Shoushan baz=213	1.88 227	e P	Pb	17 02 15.2 -2.0
TWMT	baz=213	e P	Pb	17 02 15.2 -2.0	

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MASBT	Mashibuluo baz=216	1.90 218	e P	Pb	17 02 16.1 -1.6
MASBT	baz=216	e P	Pn	17 02 15.4 +1.2	
JKRS	Kuro-shima baz=233	1.93 86	e S	Sn	17 02 38.5 +1.2
JKRS	baz=233	e S	Sn	17 02 16.4 +0.4	
JUJ	Ishigaki jima baz=253	2.06 83	e P	Pn	17 02 40.5 -0.2
JUJ	baz=253	e S	Sn	17 02 19.0 +0.8	
PHUB	Peng-hu baz=253	2.22 255	e P	Pn	17 02 45.4 +0.8
PHUB	baz=253	e S	Sn	17 02 18.7 +0.5	
PNG	Penghu baz=254	2.22 256	e P	Pn	17 02 45.4 +0.8
PNG	baz=254	e S	Sn	17 02 19.9 +1.6	
WDGT	Dungji baz=246	2.23 248	e P	Pn	17 02 46.0 +1.2
WDGT	baz=246	e S	Sn	17 02 18.5 -0.1	
JISG	Ishigakijimahi baz=246	2.25 78	P	Pn	17 02 44.9 -0.3
JISG	baz=246	e S	Pn	17 02 21.6 +0.9	
TWKBT	Hengchun baz=204	2.39 205	e P		

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PDAR Pinedale Array, IMW Indian Meadow, AKASG Malin Array Be, etc.

IDC 03 17:27:13.2±3.5, 2.76S; 102.14E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.5/29, mbtmp3.7/5, Error ellipse: s-maj=159.4km s-min=21.1km az=55.0, DJA 03 17:27:25.0±4.3, S:4.4, 10.2E, h71km, M3.8/11, mb3.9/2, mB5.3/1, MLV3.8/11, MW(m)B4.7/1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MAS1 Maura Aman, Be, UBJS1 University, Be, KSI1 Kapahiang, etc.

KRNET 03 17:29:22.5±0.1, 43.12N; 73.05E, h20km, mb2.1 NNC 03 17:29:23.1±0.6, 43.13N; 73.05E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=4.6km s-min=3.4km az=147.0, SOME 03 17:29:23.1, 43.10N; 73.05E, h15km, ISC 03 17:29:21.8±1.1, 43.14N; 0.03; 73.06E; 0.02, h16km, 10km, n26, c0559/48, 14C-14D, Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MRKS1 Merke, MRKS2 Merke, MRKS3 Merke, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KTBS 1.5nm,0.4s, TNSS Tian-Shan, etc.

KMA 03 17:43:55.0±0.3, 36.48N; 127.57E, h14km, 4km, Error ellipse: s-maj=3.4km s-min=1.6km az=71.0, South

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KSBON Boeun, KSBON Boeun, OKCB Cheongsan-myeo, etc.

IDC 03 17:47:40.0±1.9, 5.38N; 126.62E, h0km, mb3.5/3, mb1 3.8/3, mb1mx2.9/31, mbtmp3.5/3, Error ellipse: s-maj=160.1km s-min=26.5km az=66.0, MAN 03 17:47:45.3, 5.49N; 126.79E, h3km, mb4.7, ML3.6, MS3.5, ISC 03 17:47:40.7±1.8, 5.8N; 0.4; 127.3E; 0.4, h10km, n4, c1510/4, mb3.4/3, 1C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DMPH Davao City-Mi, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 03 17:52:15.0±1.6, 28.24S; 179.26W, h407km, 24km, mb2.8/3, mb1 3.1/4, mb1mx2.9/31, mbtmp3.8/4, Error ellipse: s-maj=50.4km s-min=36.6km az=158.0, ISC 03 17:52:14.6±1.2, 28.4S; 0.1; 179.3W; 0.2, h40km, n6, c1515/8, mb3.1/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RAO Raoul Island, RAO Warramunga Arr, URZ Urewera, etc.

IDC 03 17:55:38.5±439.0, 60.91N; 34.11E, h0km, Error ellipse: s-maj=163.1km s-min=27.2km az=149.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include I43RU DUBNA INFRASON, I37NO I37NO, I26DE FREYJUNG INFRAS, etc.

IDC 03 17:59:12.2±9.4, 20.04S; 177.97W, h576km, 108km, mb3.2/5, mb1 3.5/5, mb1mx3.0/22, mbtmp4.2/5, Error ellipse: s-maj=95.1km s-min=45.0km az=154.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

IDC 03 18:00:52.6±2.5, 29.91N; 47.72E, h0km, mb3.5/4, mb1 3.5/4, mb1mx3.3/26, mbtmp3.5/4, Error ellipse: s-maj=68.2km s-min=28.9km az=154.0, TEH 03 18:00:52.6, 29.89N; 47.80E, h14km, ML3.5, KISR 03 18:00:53.0±0.9, 30.02N; 47.88E, h8km, 12km, ML3.8, ISN 03 18:00:54.7±1.1, 29.66N; 47.55E, h19km, 9km, ML3.3, ISC 03 18:00:57.3±1.1, 29.94N; 0.04; 47.86E; 0.05, h27km, 11km, n25, c137/33, mb3.6/4, Eastern Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include UMR Umm Al-Rimman, RST Umm Al-Ruwaisa, RST Al-Radifah, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IPIR Piripir, BMDN Meydan, BMDN Meydan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BHD Baghdad, IKHL Kolahrood, IZEF Zefret, etc.

IDC 03 18:29:32.7±3.4, 6.92S; 148.18E, h0km, mb2.9/1, mb1 3.5/3, mb1mx3.3/25, mbtmp3.3/3, ML3.6/1, MS2.4/1, Ms1 2.4/1, ms1mx2.3/9, Error ellipse: s-maj=107.3km s-min=34.2km az=107.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 03 18:39:06.6±3.4, 50.03S; 122.54E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.7/15, mbtmp3.8/3, MS3.2/4, Ms1 3.2/4, ms1mx3.0/14, Error ellipse: s-maj=87.9km s-min=51.7km az=161.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

IDC 03 18:47:23.1±0.7, 28.44N; 43.71W, h0km, mb4.0/16, mb1 4.3/16, mb1mx4.1/43, mbtmp4.0/16, MS3.6/23, Ms1 3.7/23, ms1mx3.6/131, Error ellipse: s-maj=23.0km s-min=14.9km az=2.0, GCMT 03 18:47:26.9±0.4, 28.57N; 0.05; 43.83W; 0.03, h14km, 1km, MW4.7/76, Moment Tensor Solution, s16; c16; s76; c96; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=1.79; 18; Mw=0.48; 10; Ms=1.32; 11; Mw=0.45; 30; Mw=0.22; 36; Mw=0.19; 21; Best double couple: Mo 1.64200x10^16 NP1: 0.6, 0.00000, 0.840, 0.00000, -1.105, 0.00000; NP2: 0.204, 0.00000, 0.851, 0.00000, -1.78, 0.00000; Principal axes: T 4.1010, Plg6.0000, Azm286.0000; N 0.4890, Plg9.0000, Azm17.0000; P -1.8830, Plg79.0000; Azm166.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s, Triangular

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

NEIC 03 18:47:27.9±3.0, 28.44N; 0.1; 44.2W; 0.1, h10km, 1km, mb4.6/110 Error ellipse: s-maj=21.4km s-min=19.2km az=164.0, ISC 03 18:47:25.6±0.6, 28.5N; 0.1; 43.94W; 0.08, h14km, n152, c1946/130, mb4.5/67, MS3.6/23, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SJG San Juan, LMN Caledonia Mountain, MDP Montages des, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, SNR, and other parameters. Includes stations like U38A, X37A, SUMG, T35A, ULM, TORO, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, SNR, and other parameters. Includes stations like PLID, Y14A, MFID, NEW, W13A, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, SNR, and other parameters. Includes stations like PETK, PETP, DALK, DAINY, etc.

KRSC 03 19:05:29.6z 2.5, 50.45N, 157.56E, h42km, 27km, ML4.8
MOS 03 19:05:29.8z 0.7, 50.32N, 157.54E, h31km, mb4.1/3, Error ellipse: s-maj=15.4km s-min=3.6km az=81.9

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, SNR, and other parameters. Includes stations like SKR, BURAR, FINESS, etc.

DJA 03 19:10:04.0z 9.11, 5.17S, 111.8E, h10km, M4.1/6, mb4.4/5, ML4.0/6, South of Sumbawa

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like BR131, BR131, BR131, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like MNNK, VTS, VTS, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like CHVC, GROS, ARSA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, and various station codes (BFO, SKAR, MOL, BUG, etc.).

NIED 03:20:13:22.6, 35.86N:138.11E, h7km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm...

JMA 03:20:13:22.6, 35.86N:138.11E, h7km, M3.7, 2C-1D Broadband fault plane solution: P waves. NP1: ...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station codes (JNT, JYN, JRY, etc.).

IDC 03:20:53.9, 0.8, 3.88S:136.37E, h0km, mb4.0/12, mb1.4/2.15, mb1mx4.1/3.4, mbtmp4.1/15, ML4.5/5, MS3.6/6, M1.3/3.6, ms1mx3.0/3.0 Error ellipse: s-maj=25.8km s-min=15.7km az=79.0

NEIC 03:20:36:00.7, 2.8, 3.77S:0.10x136.4E:0.1, h43km, 9km, mb4.4/25, Error ellipse: s-maj=19.1km s-min=14.3km az=86.0

DJA 03:20:36:00.3, 1.2, 4.3S:3.13E, h27km, 10km, M4.8/19, mb5.3/7, mb4.8/19, ML4.8/19, MW(m)4.8/17, MS(m)4.8/17, ISC 03:20:36:00.1, 0.5, 3.95S:0.05x136.26E:0.06, h50km, n83, az=177.6, mb4.3/27, 1.0, Irrian Laya

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and various station codes (SRPI, KMPI, GENU, etc.).

CHTO Chiang Mai 43.14 303 P 20 43 57.1 +0.9

XAN Xi'an 45.75 328 P 20 44 20.9 +4.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station codes (XAN, USRK, KLR, etc.).

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, and various station codes (ZAAO, ZALV, ZALVO, etc.).

NEIC 03:20:45:39.6, 0.8, 1.77S:0.1x175.2W:0.1, h228km, 10km, mb4.2/13, Error ellipse: s-maj=18.6km s-min=17.3km az=47.0

IDC 03:20:45:39.9, 2.2, 17.65S:175.10W, h239km, 26km, mb4.0/5, mb1.4/0.8, mb1mx3.5/3.7, mbtmp4.6/8, Error ellipse: s-maj=28.7km s-min=19.9km az=140.0

ISC 03:20:45:40.2, 0.7, 17.46S:0.10x175.03W:0.08, h256km, n26, az=90/25, mb4.1/21, Toqa Islands

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and various station codes (AFI, AFU, NIUE, etc.).

DJA 03:20:45:53.8, 1.0, 4.5S:10.2x12.8E:1.1, h219km, 5km, M3.4/7, ML3.4/7

IDC 03:20:45:57.9, 3.1, 3.93S:128.50E, h311km, 33km, mb2.9/3, mb1.3/0.5, mb1mx2.8/3.7, mbtmp3.6/5, Error ellipse: s-maj=62.0km s-min=18.4km az=87.0

ISC 03:20:45:50.5, 2.8, 3.95S:0.2x127.6E:0.3, h250km, n12, az=189/10, Seram

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and various station codes (NLAI, KRAI, MSAI, etc.).

BUI 03:20:47:42.5, 0.1, 11.56N:92.34E, h12km, mb4.7/29, mb4.6/48, MS3.9/20, MS7.3/6/18

IDC 03:20:47:43.1, 0.5, 11.66N:92.39E, h0km, mb4.4/22, mb1.4/5.24, mb1mx4.3/4.2, mbtmp4.4/24, ML4.4/2, MS3.4/6, M1.1/3.4/6, ms1mx3.0/3.0, Error ellipse: s-maj=16.6km s-min=12.4km az=45.0

NEIC 03:20:47:48.3, 1.7, 11.70N:0.09x92.35E:0.08, h30km, 5km, mb4.7/18, Error ellipse: s-maj=13.5km s-min=10.6km az=153.0

NDI 03:20:47:48.0, 4.2, 11.70N:92.30E, h30km, mb4.7, mb4.7(NEIC)

ISC 03:20:47:47.0, 4.1, 11.68N:0.05x92.30E:0.05, h26km, n209, az=136/198, mb4.6/72, MS3.4/9, 3C-2D, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and various station codes (PBA, DGRP, KHLT, etc.).

3d 20h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like UMPA Umpang Tak, UTHA Uthaitani, NAYO Nakonayok, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BTO BTO, BTO comp=Z,350nm,13.4s, BTO KDJ, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, MORC Moravsky Bero, etc.

IDC 03 20:51:42.6; 1.5, 4.92S; 130.35E; h170km; 18km, mb3.1/2, mb1.3/4.6, mb1mx3.1/30, mbmtmp3.7/6, Error ellipse: s-maj=32.5km s-min=13.0km az=90.0 DJA 03 20:51:44.4; 0.3, 5.5S; 130.35E; h171km; 5km, M3.9/12, mb3.8/4, MLv4.0/12

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BNDI Bandanaira, BNDI BNDI, MSAI Masohi, etc.

ATH 03 21:31:26.5, 39°58'N-20°70'E, h29km, 9km, ML 1.9/4, Error ellipse: s-maj=11.0km s-min=1.7km az=150.0

TIR 03 21:25:6.39, 90°N-207.77E, h14km, 1km, M2,3,1,1.9, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JAN Janina, LSK Leskovik, PENT Pentalos, etc.

DDA 03 21:33:18.4, 38°25'N-26°55'E, h6km, 2km, ML 1.3, Aegean Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ZEYE Izmir, URLA Izmir, DGB zmir.

IDC 03 21:59:33.6, 3.2, 32.08°S-178°19'W, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.6/29, mbtmp3.6/3, ML3.3/1, Error ellipse: s-maj=77.5km s-min=48.5km az=121.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, FINES FINES Array B.

IDC 03 22:05:30.7, 2.6, 6.66°S-130°63'E, h90km, 25km, mb3.6/4, mb1 4.1/8, mb1mx3.6/26, mbtmp4.3/8, Error ellipse: s-maj=42.3km s-min=18.5km az=91.0

DJA 03 22:05:31.3, 0.4, 7°S-2°13'E, h171km, 6km, M4,8/12, mb4.6/7, mb5.5/5, MLV4.7/12, Mw(mb)5.0/5

NEIC 03 22:05:33.0, 1.1, 6.65°S-107°130.5E, 0.1, h103km, 9km, mb4-2/8, Error ellipse: s-maj=15.6km s-min=9.7km az=82.7

ISC 03 22:05:32.0, 4.0, 6.66°S-130°42'E-0.07, h100km, n44, c290/48, mb4.1/8, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, BNDI Bandanaira, MSAI Masohi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SONM Songo Array, WMQ Urumqi, MKAKI Makanchi Array, etc.

TUL 03 22:08:40.9, 1.3, 36°69'N-0°04'98'61W-0'04, h4km, 7km, ML3.1, mb, Lg2-9.72(NEIC), Error ellipse: s-maj=5.9km

NEIC 03 22:08:42.1, 5.3, 36°55'N-0°02'98'50W-0'04, h5km, 2km, Oklahoma, Error ellipse: s-maj=6.4km s-min=3.7km az=289.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OK032 Salt Plains WL, CROK Carrier, U32A Winter Ranch, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FNO Franklin, R32A Long Quarter, WMOK Wichita Mounta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like X34A Smith Ranch, CBKS Cedar Bluff, KSU1 Kansas State U, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ABTX Abilene, Hawle J Bar K, Exete, N33A Bolivar, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WHTX Lake Whitney, N35A Tabor, T25A Trinidad, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like X40A Basin Creek, OGNE Ogallala, W37A Washetta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ZHAR Woolly Hollow, R40A Maddies Statio, WLAR White Oak Lake, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like N38A Joes South For, P40A Peris, AC3B Jarrell, etc.

HEL 03 22:09:33.8, 0.1, 67°16'N-20°64'E, h0km, ML1.4, (UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MASU Masugnsbyn, MASU Masugnsbyn.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RATU Laukkuluspa, KUA Kuravaara, ERTU Ertsjaerv, etc.

UPP 03 22:10:28.9, 0.2, 67°19'N-20°65'E, h1km, ML1.6, Explosion, Sweden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DUNU Dundret, RATU Laukkuluspa, KUA Kuravaara, etc.

IDC 03 22:17:39.2, 9.0, 30°38'S-178°43'W, h0km, mb3.5/2, mb3.8/2, mb1mx3.5/19, mbtmp3.5/2, Error ellipse: s-maj=385.1km s-min=58.6km az=156.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, FINES FINES Array B.

NIED 03 22:29:22.5, 32°05'N-132°11'E, h26km, MW3.6, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, Mm-0.04; Mss-1.34; Mss1.38; Mss1.44; Mss1.87; Mss-0.03; Fault plane solution: Mo2.70000x10^14 NP1: phi251.00000, lambda84.00000, delta-30.00000. NP2: phi345.00000, lambda61.00000, delta-173.00000.

JMA 03 22:29:22.4, 0.1, 32°05'N-132°11'E, h26km, 2km, M3.6, 2C-6D Broadband fault plane solution: P waves. NP1: phi264.00000, lambda66.00000, delta26.00000. NP2: phi159.00000, lambda69.00000, delta143.00000. T Pk1: phi17.00000, lambda117.00000, delta148.00000. Azm: phi31.00000, lambda17.00000, delta14.00000; Shikoku

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JTSN Tsuno, JHHC Hyugahichiya, JHNS Nichinankitago, etc.

IDC 03 22:48:05.2, 1.0, 52°19'N-169°76'W, h0km, mb4.0/14, mb1 4.2/16, mb1mx3.9/45, mbtmp3.9/16, ML3.6/2, MS3.3/8, Ms1 3.3/8, ms1mx3.0/35, Error ellipse: s-maj=28.9km s-min=17.9km az=178.0

NEIC 03 22:48:08.9, 2.5, 51°99'N-0°04'169°51'W-0°09, h26km, 4km, mb4.0/56, ML3.7/25(AEIC), Error ellipse: s-maj=8.4km s-min=5.7km az=109.0

AEIC 03 22:48:08.2, 2.5, 51°96'N-0°06'169°47'W-0°09, h26km, 6km, AKOAK Okmok Alupipe: s-maj=9.9km s-min=8.1km az=109.0

ISC 03 22:48:09.6, 0.6, 52°04'N-169°55'W-0°06, h30km, n128, c1928/124, mb4.1/25, MS3.3/7, Fox Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NIKH Nikolski High, NIKH Nikolski High, NIKW Nikushin Steple, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KDAK Kodiak Island, RSO Redoubt South, CNP China Point, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HIN Hinchinbrook, FID Port Fidalgo, BPAW Bear Paw Mt, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BERG Berg Lake, BERG Berg Lake, N25K Chitina, Valde, WRH Wood River Hill.

2015 AUG

3d 23h	16.71	30	P	P	22 52 01.8	-1.5
I23K	Minto, Yukon-K		Iamb	Iamb	22 52 27.2	
PAX	16.82	40	P	P	22 52 03.3	-1.3
GLB	Galahina Butte	16.85	46	P	22 52 00.7	-2.4
GCB	Clear Peak Bu	16.89	33	Pn	22 52 02.5	-1.0
WAX	Waxell Ridge	16.95	50	P	22 52 06.4	+0.4
WAX	comp=Z,10nm,1.4s		Iamb	Iamb	22 52 24.1	
MDM	Murphy Dome	16.95	32	Pn	22 52 03.4	-0.9
HDA	Harding Lake	17.05	35	P	22 52 06.8	-0.3
ILAR	Eielson Array	17.29	34	P	22 52 05.7	-2.7
ILAR	comp=Z,0.2nm,0.3s,baz=225,slow=11,SNR=7.1		LR	LR	22 59 23.4	
YAH	Yahstse	17.45	51	P	22 52 11.9	+0.2
YAH	comp=Z,1.2nm,0.8s		Iamb	Iamb	22 52 14.4	
RIDG	Independent Ri	17.45	41	P	22 52 12.3	+0.7
MENT	Mentast Lake	17.51	38	P	22 52 12.6	+0.4
BARN	Barnard Glacie	17.70	48	P	22 52 11.5	-2.1
BARN	comp=Z,7.5nm,0.7s		Iamb	Iamb	22 52 24.7	
DOT	Dot Lake	17.71	39	P	22 52 13.5	-0.9
TABL	Table Mountain	17.76	51	P	22 52 14.6	-0.6
TABL	comp=Z,1.6nm,0.8s		Iamb	Iamb	22 52 30.3	
SCRK	Sand Creek	17.90	38	P	22 52 14.5	-1.7
COLD	Coldfoot	17.96	25	P	22 52 18.4	+1.4
L27K	Beaver Creek	18.35	33	P	22 52 21.3	-0.2
EGAK	Eagle	19.37	38	P	22 52 32.5	-1.2
HYT	Haines Junction	19.59	51	P	22 52 37.6	+1.0
BMAR	Burnt Mountain	19.67	29	P	22 52 35.2	-0.7
PEA0B	Petrovavlovsk-	19.84	286	P	22 52 37.9	-1.6
PEA0B	comp=Z,8.6nm,0.8s		Iamb	Iamb	22 52 56.2	
PETK	Petrovavlovsk-	19.84	286	P	22 52 37.2	-0.6
SKAG	Skagway	20.45	55	P	22 52 45.7	-0.9
WHY	Whitehorse	20.53	52	P	22 52 50.9	-0.2
WHY	comp=Z,8.4nm,0.8s		Iamb	Iamb	22 53 07.5	
EPYK	Eagle Plains	21.73	36	P	22 52 56.3	-1.8
MA2	Magadan	23.23	305	LR	23 01 25.6	
INUK	Inuvik	23.31	33	P	22 53 16.8	-1.4
INUK	comp=Z,2.7nm,0.5s,baz=255,slow=4.7,SNR=6.7		LR	LR	23 03 35.8	
INUK	comp=Z,9.4nm,19.8s,baz=179,slow=39		P	P	22 53 16.9	-1.3
INUK	Inuvik	23.68	33	P	22 53 24.1	
YKA	Yellowknife Ar	30.54	48	P	22 54 20.8	+0.9
YKA	comp=Z,1.6nm,0.8s,baz=275,slow=9.9,SNR=8.0		LR	LR	23 08 49.0	
YKA	Yellowknife Ar	30.54	48	P	22 54 20.3	+0.4
NVAR	Mina Array Bea	37.77	90	LR	23 08 54.0	
H11S1	WAKE ISLAND Hy	38.31	218	T	23 36 38.0	
H11S2	WAKE ISLAND Hy	38.33	218	T	23 36 46.5	
H11S3	WAKE ISLAND Hy	38.33	218	T	23 36 41.5	
YHH	Holmes Hill	38.68	77	P	22 55 33.8	+3.1
YHH	comp=Z,2.4nm,0.8s		Iamb	Iamb	22 55 42.8	
PD31	Pinedale Array	40.58	79	P	22 55 47.6	+1.1
PD31	comp=Z,2.3nm,0.8s		Iamb	Iamb	22 55 59.0	
PDAR	Pinedale Array	40.58	79	P	22 55 47.5	+1.1
PDAR	comp=Z,0.9nm,0.8s,baz=302,slow=3.3,SNR=7.3		LR	LR	22 55 47.3	+0.9
FCC	Fort Churchill	41.24	50	P	22 55 52.1	+0.8
U15A	North Rim	42.74	88	P	22 56 05.5	+1.1
U15A	comp=Z,3.2nm,1.2s		Iamb	Iamb	22 56 16.9	
ULM	Lac du Bonnet	44.40	62	P	22 56 17.8	+0.6
ULM	comp=Z,3.4nm,0.8s,baz=197,slow=1.4,SNR=4.2		LR	LR	23 16 39.0	
ULM	Lac du Bonnet	44.40	62	P	22 56 17.6	+0.4
B35A	Bob, Littlefor	46.62	63	P	22 56 34.5	-0.2
DAG	Denmark Havn	50.13	8	P	22 57 00.8	-0.6
DAG	comp=Z,5.8nm,0.7s		Iamb	Iamb	22 57 01.2	
MNTY	Cornudas Mount	50.16	88	P	22 57 03.9	+1.7
MNTX	comp=Z,1.7nm,0.8s		Iamb	Iamb	22 57 19.0	
SUMG	Summit	51.13	17	P	22 57 09.6	+0.2
SUMG	comp=Z,1.7nm,0.9s		Iamb	Iamb	22 57 11.4	
SUMG	Summit	51.13	17	P	22 57 09.2	-0.2
SONM	Songino Array	51.37	301	P	22 57 10.4	-0.9
SONM	comp=Z,0.3nm,0.4s,baz=73,slow=5.0,SNR=3.6		LR	LR	22 57 12.8	
SONM	Songino Array	51.37	301	P	22 57 12.0	+0.7
SONM	comp=Z,3.1nm,1.5s		Iamb	Iamb	22 57 17.0	
DBG	Daneborg	52.25	10	P	22 57 16.4	-0.9
DBG	comp=Z,6.8nm,0.6s		Iamb	Iamb	22 57 23.0	+0.4
TX31	Lajitas Ar	52.87	89	P	22 57 23.0	+0.4
TX32	Lajitas Array	52.87	89	P	22 57 23.0	+0.4
TX32	comp=Z,2.7nm,0.9s		Iamb	Iamb	22 57 39.1	
TXAR	Lajitas Array	52.87	89	P	22 57 23.1	+0.5
HHC	Hu-ho-hao-te	52.93	291	eP	22 57 22.6	-0.3
HHC	comp=Z,8.0nm,0.7s		pmax	pmax	22 57 30.4	
HHC	comp=Z,6.7nm,7.2s		pmax	pmax	22 57 27.9	-0.6
ICESG	Greenland Ices	53.72	20	P	22 57 27.9	-0.6
ICESG	comp=Z,5.0nm,0.7s		Iamb	Iamb	22 57 30.4	
SCO	Scoressbysund	55.57	13	P	22 57 41.6	+0.1
ZALV	Zalesovo Beam	57.59	318	PcP	22 58 49.8	+0.6
ARCES	ARCESS Array B	58.24	354	P	22 57 59.0	-1.5
ARCES	comp=Z,1.5nm,0.7s,baz=17,slow=4.4,SNR=6.4		LR	LR	23 25 28.7	
WMQ	Urumiq	63.65	308	eP	22 58 40.0	+2.3
MKAR	Makanchi Array	63.95	313	P	22 58 37.9	-1.7
MKAR	comp=Z,0.8nm,0.8s,baz=50,slow=6.6,SNR=4.1		P	P	22 58 39.2	-0.4
FIAT	FINESSE Array S	66.18	352	P	22 58 53.5	-0.2
FINES	FINESSE Array B	66.18	352	P	22 58 52.5	-1.2
FINES	comp=Z,2.1nm,0.6s,baz=20,slow=8.5,SNR=1.7		P	P	22 58 53.3	-0.5
NC405	NORSAR Array S	67.19	359	P	22 58 59.4	-0.8
NC405	comp=Z,0.8nm,0.7s,baz=17,slow=6.2		P	P	22 59 00.5	-0.3
NOA	NORSAR Array B	67.27	360	P	22 59 00.5	-0.3
NOA	comp=Z,0.9nm,0.7s,baz=0.2,slow=6.5,SNR=5.8		LR	LR	23 29 20.6	
BOOM	Boomsokoye usch	70.14	314	P	22 59 19.7	+0.6
ABKAR	Akbulat array	70.66	328	P	22 59 21.6	-0.3
KK31	Karatay Array	71.96	318	P	22 59 29.7	+0.3
KK31	comp=Z,1.8nm,0.8s		Iamb	Iamb	22 59 31.8	
KKAR	Karatay Array	71.96	318	P	22 59 29.8	-0.1
AKASG	Malin Bay Be	76.40	348	P	22 59 54.0	-1.6
CLL	Collin	77.00	358	eP	23 00 01.0	+2.0
GRFO	Grafenberg	78.64	359	P	23 00 09.5	+1.3
GERES	GERESS Array B	79.45	358	P	23 00 12.8	-0.1
BURAR	Bucovina Array	79.92	350	P	23 00 16.1	+0.7
BURAR	comp=Z,0.8nm,0.9s		Iamb	Iamb	23 00 22.3	
ESDC	Sonsec Array	87.80	11	P	23 00 56.1	+0.4
ESDC	comp=Z,0.6nm,0.8s,baz=350,slow=4.3,SNR=4.3		P	P	23 00 55.3	-0.4
ESDC	Sonsec Array	87.80	11	P	23 01 11.9	
ASAR	Alice Springs	90.10	230	P	23 01 06.2	-0.3
ASAR	comp=Z,1.8nm,1.2s		P	P	23 01 05.9	-0.6
ASAR	Alice Springs	90.10	230	P	23 01 05.9	-0.6

Code	Station Name	Δ ^x	Δ ^y	Az ^z	Phase ID	ISC	Time	Res
FNA	Florida	0.11	82	P	Pg	Op	23 30 42.6	+0.5
KBN	Korca	0.37	247	P	Pg	Pg	23 30 46.3	-0.6
KBN	918nm,0.3s			S	Sg	Sg	23 30 51.7	-0.1
KBN	comp=Z,3.4nm,0.2s,baz=242			P	Pg	Op	23 30 46.1	-0.7
KBN	baz=242			S	Sg	Sg	23 30 51.2	-0.6
KBN	comp=E,3.4nm,0.2s,baz=242			AMP	AMP	AMP		
NEST	Nestorio	0.38	202	P	Pg	Pg	23 30 46.4	-0.7
NEST	comp=N,1185μm,0.2s			S	Sg	Sg	23 30 51.6	-0.5
NEST	Nestorio	0.38	202	P	Pg	Pg	23 30 46.3	-0.7
NEST	comp=N,1185μm,0.2s			S	Sg	Sg	23 30 52.2	+0.1
NEST	Nestorio	0.38	202	P	Pg	Pg	23 30 46.3	-0.7
NEST	comp=N,1185μm,0.2s			S	Sg	Sg	23 30 52.7	
OHR	Ohr	0.48	316	P	Pg	Pg	23 30 48.9	0.0
OHR	comp=E,16711μm,0.5s			ISg	ISg	ISg	23 30 56.9	-0.7
OHR	comp=E,360nm,0.6s			eLg	eLg	eLg	23 30 58.4	
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.1	-0.6
PENT	comp=N,1284μm,0.4s			S	Sg	Sg	23 30 58.8	+0.5
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.2	-0.6
PENT	comp=N,1284μm,0.4s			S	Sg	Sg	23 30 57.9	-0.4
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.1	-0.6
PENT	comp=N,1284μm,0.4s			S	Sg	Sg	23 31 01.0	
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.1	-0.6
PENT	comp=N,1284μm,0.4s			S	Sg	Sg	23 31 03.4	
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.1	-0.6
PENT	comp=N,1284μm,0.4s			S	Sg	Sg	23 31 03.4	
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.1	-0.6
PENT	comp=N,1284μm,0.4s			S	Sg	Sg	23 31 03.4	
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.1	-0.6
PENT	comp=N,1284μm,0.4s			S	Sg	Sg	23 31 03.4	
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.1	-0.6
PENT	comp=N,1284μm,0.4s			S	Sg	Sg	23 31 03.4	
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.1	-0.6
PENT	comp=N,1284μm,0.4s			S	Sg	Sg	23 31 03.4	
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.1	-0.6
PENT	comp=N,1284μm,0.4s			S	Sg	Sg	23 31 03.4	
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.1	-0.6
PENT	comp=N,1284μm,0.4s			S	Sg	Sg	23 31 03.4	
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.1	-0.6
PENT	comp=N,1284μm,0.4s			S	Sg	Sg	23 31 03.4	
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.1	-0.6
PENT	comp=N,1284μm,0.4s			S	Sg	Sg	23 31 03.4	
PENT	Pentalofos	0.58	187	P	Pg	Pg	23 30 50.1	-0.6

JAN	Janina	1.12 195	P	Pn	23 32 32.1	-0.1
JAN	comp=E,655µm,0.3s		AML	AML	23 32 58.3	
JAN	Litokhoron	1.15 123	P	Pb	23 32 32.1	-0.2
LIT	Litokhoron	1.15 123	P	Pb	23 32 48.1	-0.4
LIT	Litokhoron	1.15 123	P	Pg	23 32 31.7	-0.6
LIT	comp=E,87µm,0.2s		AML	AML	23 32 53.1	
LIT	Litokhoron	1.15 123	iPg	Pb	23 32 32.0	-0.4
LIT	Litokhoron	1.20 301	ePn	Pn	23 32 36.3	+3.0
TIR	Tirane	1.20 301	eSn	Pn	23 32 53.9	+4.2
TIR	Tirane	1.20 301	P	Pg	23 32 33.0	-0.3
TIR	Tirane	1.20 301	P	Pg	23 32 32.7	-0.6
TIR	baz=299		S	Sn	23 32 50.6	+0.9
TIR	comp=N,0.5nm,0.3s, baz=299		AMP			
TIR	Tirane	1.20 301	iPg	Pn	23 32 33.3	0.0
SKO	Skopje	1.24 7	iPg	Pn	23 32 33.6	-0.2
SKO	Skopje	1.24 7	iPg	Pn	23 32 50.8	+0.8
SKO	Skopje	1.24 7	eLg	Sb	23 32 53.5	
SRN	Sarande	1.28 228	P	Pg	23 32 35.2	+0.5
SRN	Sarande	1.28 228	P	Pg	23 32 52.4	+0.9
SRN	Sarande	1.28 228	P	Pg	23 32 35.2	+0.5
SRN	baz=227		S	Sn	23 32 54.5	+2.9
SRN	baz=227		S	Sn	23 32 54.5	+2.9
THL	Klokotos Trika	1.32 153	P	Pb	23 32 34.6	-0.6
THL	Klokotos Trika	1.32 153	P	Pb	23 32 54.0	+1.5
THL	Klokotos Trika	1.32 153	P	Pb	23 32 34.6	-0.6
THL	comp=N,452µm,0.4s		AML	AML	23 32 59.3	
THL	comp=N,452µm,0.4s		AML	AML	23 33 00.9	
THE	Thessaloniki	1.32 94	P	Pg	23 32 35.3	-0.2
THE	Thessaloniki	1.32 94	P	Pg	23 32 35.3	-0.2
THE	Thessaloniki	1.32 94	iPg	Pn	23 32 34.7	-0.2
THE	Thessaloniki	1.32 94	iPg	Pn	23 32 52.7	+0.1
KNT	Kendrikon	1.33 71	P	Pg	23 32 35.6	-0.2
KNT	Kendrikon	1.33 71	P	Pg	23 32 53.8	+0.9
KNT	Kendrikon	1.33 71	P	Pg	23 32 35.6	-0.2
KNT	Kendrikon	1.33 71	P	Pg	23 32 35.4	0.0
KNT	Kendrikon	1.33 71	P	Pg	23 32 54.2	+1.3
VLO	Vlora	1.35 259	AMP			
IGT	Igoumenitsa	1.39 210	ePg	Pg	23 32 39.4	+2.5
IGT	Igoumenitsa	1.39 210	ePg	Pg	23 32 59.8	+5.4
IGT	Igoumenitsa	1.39 210	P	Pg	23 32 37.4	+0.6
IGT	comp=N,617µm,0.4s		AML	AML	23 33 02.3	
IGT	Igoumenitsa	1.39 210	P	Pg	23 32 37.9	+1.0
IGT	Igoumenitsa	1.39 210	P	Pg	23 32 38.1	+1.2
IGT	Igoumenitsa	1.39 210	iPn	Pn	23 32 00.7	+6.3
HORT	Hortiatitis	1.43 95	P	Pb	23 32 36.7	-0.3
HORT	Hortiatitis	1.43 95	P	Pb	23 32 59.1	
HORT	comp=E,178µm,0.6s		AML	AML	23 33 01.6	
KEK	Kerkira	1.50 227	P	Pg	23 32 39.6	+0.6
KEK	Kerkira	1.50 227	P	Pg	23 33 09.3	
KEK	comp=E,247µm,0.5s		AML	AML	23 33 09.9	
SOH	Sokhos	1.61 86	P	Pb	23 32 39.6	-0.6
SOH	Sokhos	1.61 86	P	Pb	23 33 00.5	-0.2
SOH	Sokhos	1.61 86	P	Pb	23 32 39.7	-0.5
SOH	Sokhos	1.61 86	iPn	Pn	23 32 39.8	-0.5
SOH	Sokhos	1.61 86	iSn	Pn	23 32 39.8	-0.5
PLG	Polygyros	1.72 102	P	Pb	23 32 41.6	-0.5
PLG	Polygyros	1.72 102	P	Pb	23 33 03.2	-0.6
SRS	Serrai	1.83 77	ePn	Pn	23 32 43.7	-0.1
SRS	Serrai	1.83 77	eSn	Pn	23 33 06.4	-0.4
SRS	Serrai	1.83 77	iPn	Pn	23 32 44.5	-0.7
BCI	Bajram Curri	1.85 332	P	Pb	23 32 44.0	-0.2
BCI	baz=332		S	Sg	23 33 10.5	+1.0
BCI	baz=332		S	Sg	23 33 10.5	+1.0
MAKR	Makrakomi, Fth	1.86 158	P	Pb	23 32 43.4	-1.0
MAKR	Makrakomi, Fth	1.86 158	P	Pb	23 33 07.7	-0.1
MAKR	Makrakomi, Fth	1.86 158	P	Pb	23 32 43.8	-0.6
EVR	Ervytania	1.87 166	P	Pb	23 32 44.2	-0.5
AGG	Agios Georgios	1.91 153	S	Sb	23 32 44.2	-1.1
AGG	Agios Georgios	1.91 153	S	Sb	23 33 08.8	-0.5
AGG	Agios Georgios	1.91 153	P	Pb	23 32 44.3	-1.1
ULC	Ulcinj	1.93 310	iPn	Pn	23 32 45.3	-0.4
TSLK	Tsoukalades, L	1.96 193	P	Pg	23 32 46.4	-1.5
BOSS	Bosilegrad	1.99 28	ePn	Pn	23 32 45.0	+0.9
BOSS	Bosilegrad	1.99 28	eSn	Pn	23 32 42.6	-0.6
LKD2	Lefkada island	2.00 193	P	Pg	23 32 47.0	-1.6
XOR	Xorichti	2.04 132	P	Pg	23 32 45.9	-0.0
BARS	Barje	2.12 12	eSn	Pn	23 33 13.8	+1.4
BARS	Barje	2.12 12	eSn	Pn	23 33 15.2	+0.1
BARS	Barje	2.12 12	iSn	Pn	23 32 50.2	-0.8
PDG	Podgorica	2.25 319	eSn	Sb	23 33 18.3	-0.7
VTS	Vitoshia	2.40 38	ePn	Pn	23 32 50.9	+1.0
VTS	Vitoshia	2.40 38	eSn	Pn	23 33 20.5	+0.9
SELS	Selova	2.48 358	ePn	Pn	23 32 53.9	+1.1
SJES	Sjenica	2.69 340	ePn	Pn	23 32 53.9	+1.5
SJES	Sjenica	2.69 340	ePn	Pn	23 33 29.6	+0.0
ZAPS	Zavoj	2.74 22	ePn	Pb	23 32 57.4	-2.0
ZAPS	Zavoj	2.74 22	ePn	Pb	23 33 28.6	+0.9
TREB	Trebjine	2.93 313	ePn	Pn	23 33 00.0	-2.6
TREB	Trebjine	2.93 313	eSn	Pn	23 33 35.1	+2.8
IVAS	Ivanjica	2.95 345	ePn	Pn	23 33 00.1	+2.8
GRUS	Gruzica	3.17 353	ePn	Pn	23 33 01.5	+2.1
GRUS	Gruzica	3.17 353	eSn	Pn	23 33 41.2	+2.9
STON	Ston	3.39 310	Sn	Pn	23 33 44.4	+0.6
BLLS	Lazći	3.41 337	ePn	Pn	23 33 06.8	+3.2
DIVS	Divibare	3.48 345	ePn	Pn	23 33 05.3	+0.6
TRUS	Trudelj	3.54 350	ePn	Pn	23 33 15.2	+0.6
RICI	Ricice	4.11 313	ePn	Pn	23 33 15.2	+0.6
RICI	Ricice	4.11 313	ePn	Pn	23 34 02.7	+1.3
HVAR	Hvar	4.32 306	ePn	Pn	23 33 16.5	+0.4
HVAR	Hvar	4.32 306	ePn	Pn	23 34 06.5	-0.2
ZIRJ	Zirje	5.07 307	Sn	Pn	23 33 25.9	+0.1
MORI	Morici	5.15 309	ePn	Pn	23 34 24.1	-1.0
MORI	Morici	5.15 309	ePn	Pn	23 34 27.6	+1.0
UDBI	Udbina	5.53 315	ePn	Pn	23 34 35.2	+2.3
UDBI	Dugi Otok	5.61 307	ePn	Pn	23 34 37.2	+0.6
DUGI	Dugi Otok	5.61 307	ePn	Pn	23 34 34.4	+0.5
DUGI	Dugi Otok	5.61 307	ePn	Pn	23 34 37.4	-1.1
NVLJ	Novalja	6.05 311	ePn	Pn	23 33 40.2	+0.3
NVLJ	Novalja	6.05 311	ePn	Pn	23 34 46.9	-2.3
SOKA	Soboth	7.44 325	ePn	Pn	23 33 58.3	-0.8
OBKA	Obir	7.53 322	ePn	Pn	23 33 59.3	-1.0
ARSA	Arzberg	7.70 330	ePn	Pn	23 34 01.7	-0.8
MOA	Molin	8.69 327	ePn	Pn	23 34 14.6	-1.4
ABTA	Abfaltersbach	8.71 316	ePn	Pn	23 34 14.8	-1.6
WATA	Walderalm	9.58 317	ePn	Pn	23 34 27.8	-0.6
SOTA	Sankt Quirin	9.70 315	ePn	Pn	23 34 28.5	-1.6
MOTA	Moosalm	9.83 316	ePn	Pn	23 34 31.1	-0.9

SKO 03 23:35:56.5, 40.75N, 21.22E, h15km
TIR 03 23:35:56.7, 40.76N, 21.31E, h2km, 1km, Md3.1, M13.0
ATH 03 23:35:59.4, 40.74N, 21.27E, h13km, 1km, ML2.8/19, Error
ellipse: s-maj=1.1km s-min=1.3km az=323.0
BEO 03 23:35:59.7, 40.4, 40.83N, 21.36E, h0km, 3km, ML2.5/7
THE 03 23:35:59.4, 40.76N, 21.24E, h2km, 1km, ML2.7/10, Error
ellipse: s-maj=1.5km s-min=0.6km az=225.0
ISO 03 23:35:59.4, 0.8, 40.75N, 21.27E, h10km, MD2.7
SOF 03 23:35:59.4, 0.8, 40.75N, 21.27E, h10km, 6km, n101, 1902/144, Greece

Code	Station Name	Δ	Phase	ISC	Time	Res
					h m s	ISC
FNA	Florina	0.09 67	Op	Pg	23 36 02.3	+0.2
FNA	Florina		P	Sg	23 36 04.7	+0.6
FNA	Florina		AML	AML	23 36 04.9	
FNA	Florina		AML	AML	23 36 05.2	
NEST	Nestorio	0.38 207	P	Pg	23 36 06.3	-0.6
NEST	Nestorio	0.38 207	P	Pg	23 36 11.5	-0.4
NEST	Nestorio	0.38 207	P	Pg	23 36 06.1	-0.8
NEST	Nestorio	0.38 207	P	Pg	23 36 12.0	+0.1
NEST	Nestorio	0.38 207	P	Pg	23 36 12.5	
comp=N,21030µm,0.5s			AML	AML	23 36 12.5	
KBN	Korca	0.39 251	P	Pg	23 36 06.8	-0.4
KBN	Korca	0.39 251	P	Pg	23 36 11.4	-0.9
comp=N,1µm,0.2s			AML	AML	23 36 05.8	-1.3
KBN	Korca	0.39 251	P	Pg	23 36 12.4	+0.1
KBN	baz=252		S	Sg	23 36 12.4	+0.1
KBN	baz=252		S	Sg	23 36 12.4	+0.1
comp=N,7.8nm,0.2s, baz=252			AMP			
OHR	Ohrid	0.51 315	iPg	Pg	23 36 08.5	-0.9
OHR	Ohrid	0.51 315	iPg	Pg	23 36 16.5	+0.4
OHR	Ohrid	0.51 315	iPg	Pg	23 36 16.7	
PENT	Pentalofos	0.56 190	P	Pg	23 36 10.5	+0.1
PENT	Pentalofos	0.56 190	P	Pg	23 36 18.4	+0.5
comp=E,928nm,0.3s			AML	AML	23 36 09.8	-0.6
PENT	Pentalofos	0.56 190	P	Pg	23 36 18.3	+0.5
PENT	Pentalofos	0.56 190	P	Pg	23 36 20.6	
comp=N,1722µm,0.4s			AML	AML	23 36 23.1	
comp=N,2045µm,0.3s			AML	AML	23 36 23.1	
KZN	Kozani	0.58 139	P	Pg	23 36 10.6	-0.2
KZN	Kozani	0.58 139	P	Pg	23 36 19.5	-0.5
KZN	Kozani	0.58 139	P	Pg	23 36 10.7	-0.2
KZN	Kozani	0.58 139	P	Pg	23 36 19.2	+0.7
KZN	Kozani	0.58 139	P	Pg	23 36 21.1	
comp=N,5208µm,0.2s			AML	AML	23 36 22.8	
comp=N,5208µm,0.2s			AML	AML	23 36 22.8	
KTI	Kastanea	0.74 119	P	Pg	23 36 13.8	+0.1
LSK	Leskovik	0.79 221	P	Pg	23 36 13.1	-1.6
LSK	Leskovik	0.79 221	P	Pg	23 36 24.8	-0.2
comp=E,612nm,0.4s			AMP			
LSK	Leskovik	0.79 221	P	Pg	23 36 13.1	-1.6
LSK	baz=223		S	Sb	23 36 26.3	+0.5
LSK	baz=223		S	Sb	23 36 26.3	+0.5
comp=N,2.1nm,0.6s, baz=223			AMP			
KPRO	Kipourio	0.80 175	P	Pg	23 36 13.7	-1.1
KPRO	Kipourio	0.80 175	P	Pg	23 36 27.2	+1.1
comp=N,1µm,0.4s			AML	AML	23 36 13.4	-1.4
KPRO	Kipourio	0.80 175	P	Pg	23 36 30.1	
comp=N,1800µm,0.4s			AML	AML	23 36 30.1	
comp=N,2434µm,0.5s			AML	AML	23 36 32.3	
GRG	Griva	0.88 76	P	Pg	23 36 16.4	-0.1
GRG	Griva	0.88 76	P	Pg	23 36 16.3	-0.1
GRG	Griva	0.88 76	iPg	Pg	23 36 29.8	-0.0
GRG	Griva	0.88 76	iPg	Pg	23 36 19.8	-1.1
PHP	Peshkopia	1.12 326	P	Sn	23 36 37.0	+0.4
PHP	baz=326		S	Sn	23 36 37.0	+0.4
PHP	baz=326		S	Sn	23 36 37.0	+0.4
comp=N,0.9nm,0.6s, baz=326			AMP			
LIT	Litokhoron	1.13 124	P	Pb	23 36 20.6	-0.5
LIT	Litokhoron	1.13 124	P	Pb	23 36 37.2	+0.4
comp=N,370nm,0.4s			AML	AML	23 36 20.5	-0.5
LIT	Litokhoron	1.13 124	P	Pb	23 36 20.5	-0.5
LIT	Litokhoron	1.13 124	P	Pb	23 36 43.2	
comp=N,582µm,0.3s			AML	AML	23 36 44.4	

Table with station names, coordinates, and status. Includes stations like Pine Spring, Tonopah, North Lily Min, Spring Creek 3, etc.

RSNC 04:00:30:15.5:1.1, 6.83N-73.14W, h146km, 4km, ML2.9, MW3.6, AD, Northern Colombia

Table with station names, coordinates, and status. Includes stations like Barichara, Barranca, Sant, Pamplona, La Rusia, Tame, Arauca, etc.

NEIC 04:01:30:18.7:1.9, 5.65S:0:08:80:8W:0:1, h45km, 14km, mb4, 1/1, Error ellipse: s-maj=18.7km s-min=10.7km az=80.0

VAO 04:01:30:24.5:0.9, 7.18S:80:44W, h10km, mb4.1, ISC 04:01:30:17.1:1.1, 5.72S:0:08:80:8W:0:1, h35km, n17, s=189/17, mb4.1/3, Near coast of northern Peru

Table with station names, coordinates, and status. Includes stations like Otavalo, Nana, Tumaco, Cruzeiro do Su, etc.

INET 04:01:43:36.6, 12.96N:90:08W, h15km, MW3.5, IDC 04:01:43:37.8:15.0, 13.20N:86:69W, h0km, mb3.6/3, mb1.4, 0.0, mb1mx3.5/26, mbtmp3.6/3, Error ellipse: s-maj=262.0km s-min=85.8km az=169.0

UCR 04:01:43:48.7:0.9, 13:29N:89:73W, h41km, 9km, ML3.9, GCG 04:01:43:48.2:0.3, 13:45N:89:61W, h0km, 11km, MD3.9, SNET 04:01:43:48.7:0.9, 13:29N:89:73W, h40km, 9km, ML3.9, ISC 04:01:43:49.2:1.4, 13.30N:0:08:89:67W:0.05, h46km, n10km, n61, c108/84, El Salvador

Table with station names, coordinates, and status. Includes stations like Alcalda de L, SBL, SBL, CPBS, SNET, etc.

Table with station names, coordinates, and status. Includes stations like MRL Marmol, Conchagua, Conchagua, Lajitarray, etc.

IDC 04:02:01:25.8:1.5, 19.74N:109:15W, h0km, mb3.5/7, mb1.3, 9/10, mb1mx3.8/38, mbtmp3.6/10, ML3.5/3, MS3.3/17, Ms1.3, 3/17, ms1mx3.2/29, Error ellipse: s-maj=52.1km s-min=24.1km az=71.0

ISC 04:02:01:27.1:1.4, 19.77N:0:20:176:3W:0.2, h10km, n29, c19/19/11, mb3.6/6, MS3.5/17, Revisita Gidelo Islands region

Table with station names, coordinates, and status. Includes stations like LPig La Paz, LPig Lac du Bonnet, TXAR Lajitarray, etc.

IDC 04:02:10:29.6:1.8, 37:27N:71:79E, h105km, 16km, mb3.9/21, mb1.3, 9/29, mb1mx3.8/48, mbtmp4.2/29, MS2.6/3, MS1.2, 7/3, ms1mx2.4/37, Error ellipse: s-maj=13.1km s-min=10.5km az=8.0

BJI 04:02:10:30.0:0.0, 37:37N:71:82E, h124km, mb4.6/12, mb4.6/19

MOS 04:02:10:30.0:0.0, 37:33N:71:86E, h127km, mb4.5/23, Error ellipse: s-maj=5.9km s-min=4.2km az=101.2

NINC 04:02:10:31.4:2.4, 37:45N:71:46E, h146km, 30km, mb3.6, mpv4.4, Error ellipse: s-maj=22.2km s-min=12.8km az=166.0

NEIC 04:02:10:32.2:1.8, 37:34N:0:05:71:76E:0.08, h128km, 5km, mb4.4/29, Error ellipse: s-maj=9.0km s-min=8.0km az=104.0

ISC 04:02:10:30.2:0.5, 37:27N:0:04:71:91E:0:04, h114km, 4km, h14km, n19, P, n23.1, c187/22, mb4.3/5, 29C-29D, Afghanistan-Tajikistan border region

Table with station names, coordinates, and status. Includes stations like GAR Garm, KAR Karamyk, CHGR Chuyangaron, etc.

4d 2h

Table with columns for station call letters, frequency, power, and time. Includes stations like KK31 Karatay Array, BOOM Boomsokoye usch, and many others.

2015 AUG

Table with columns for station call letters, frequency, power, and time. Includes stations like ARU Arti, GNI Garm, and many others.

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Table with columns for station call letters, frequency, power, and time. Includes stations like PLOR Plostina, GNI Garm, and many others.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sonseca Array, Petropavlovsk-TORDI, Inuk, etc.

GC04 02:26:36.6, 0.7, 13.891N, 92.24W, h24km, 999km, MD4.0 SNET 04:02:26:44.3-1.6, 14.010N-91.68W, h35km, 902km, ML3.2, Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like FUG, PCG, NBG, SLOZ, NUBE, etc.

IDC 04 02:36:21.0, 1.1, 52.15N, 169.53W, h0km, mb3.8/12, mb1 4.0/14, mb1mx3.8/45, mbtmp3.8/14, ML3.5/2, MS2.9/4, MS1 2.9/4, ms1mx2.5/44, Error ellipse: s-maj=3.1, s-min=2.0, 2km az=178.0

NEIC 04 02:36:24.5, 2.1, 52.04N, 0.05:169.42W, 0.07, h23km, 8km, Error ellipse: s-maj=7.7km, s-min=6.6km, az=188.0

AEIC 04 02:36:25.1, 6.5, 52.05N, 0.05:169.43W, 0.08, h32km, 6km, ML3.2/22, mb4.1/14(NEIC), Error ellipse: s-maj=7.5km, s-min=6.4km, az=224.0

ISC 04 02:36:24.9, 0.8, 52.02N, 0.1:169.39W, 0.07, h30km, n57, alpha102/52, mb3.9/13, Fox Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NIKH, OKSP, OKTU, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BPAW, KLU, M24K, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ILAR, ILAR, ILAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EGAK, HYT, PEAOB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PETK, WHY, EPYK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like INK, INK, YKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H11N2, H11N3, H11N1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like USRK, PDAR, PDAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARCES, MKAR, FINES, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NOA, AKAS, AKAS, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KBZ, ESDC, ASAR, etc.

ATH 04 02:42:37.8, 35.67N-26.78E, h12km, 4km, ML3.1/4, Error ellipse: s-maj=5.0km, s-min=0.9km, az=144.0

ISC 04 02:42:37.7, 0.0, 35.64N-26.80E, h13km, 1km, ML3.4/3, NIK 04 02:42:37.8, 35.61N-26.82E, h15km, ML2.7/10

THE 04 02:42:38.1, 35.62N-26.81E, h11km, 1km, ML2.7/7, Error ellipse: s-maj=2.1km, s-min=0.6km, az=145.0

DDA 04 02:42:40.0, 35.73N-26.79E, h14km, 158km, MW3.4, ISC 04 02:42:37.8, 0.9, 35.64N-0.03:26.79E, 0.02, h14km, 8km, n56, alpha84/79, Crete

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

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZKR, ZKR, ZKR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NIS1, NIS1, NIS1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NPS, NPS, NPS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KOSK, KOSK, KOSK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARG, ARG, ARG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like THR8, THR8, THR8, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IDI, IDI, IDI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like APE, APE, APE, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KSL, KSL, KSL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKAS, AKAS, AKAS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ALFC, ALFC, ALFC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NATA, NATA, NATA, etc.

NEIC 04 02:44:07.1, 1.34, 29N, 0.02:97.54W, 0.03, h8km, 6km, mb_Lg2.8/65, Error ellipse: s-maj=3.6km, s-min=2.3km, az=79.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like X34A, X34A, X34A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like OKKFA, OK025, OK025, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like OK029, OK031, X37A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WHTX, Z38A, U32A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ABTX, OK032, GC02, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like W39A, W39A, MIAR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like U38A, AMTX, AMTX, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H35B, JARRELL, HOBBS, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WLAR, X40A, X40A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like R32A, R32A, U40A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like M35T, WHAR, WHAR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like FCAR, FCAR, CCAR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like S39A, S39A, KSU1, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MGMO, MGMO, R40A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like P38A, T25A, PBMO, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CCM, PARMO, P40A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like S44A, SIUC, SCIA, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like P43A, ISCO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PLA1, PLA1, WBS1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BSSI, BSSI, TWS1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MKS, MKS, BKSI, etc.

KJK2	Kamakawa 2	6.91 255	P	Pn	03 34 52.7 +1.9
JKA	Kamikawa-asahi	6.93 257	Pn	Pn	03 34 53.2 +2.3
JKA	Kamikawa-asahi	6.93 257	eP	Pn	03 34 53.5 +2.5
ASAJ	Asahikawa	6.93 257	P	Pn	03 34 53.5 +2.5
ASAJ	comp=E,8.3nm,0.3s,baz=81,slow=16,SNR=58		S	Sn	03 36 13.8 +5.5
ASAJ	comp=E,0.7nm,0.3s,baz=241,slow=22,SNR=1.2		LR	LR	03 37 30.6
ASAJ	comp=E,430nm,19.7s,baz=358,slow=37		LR	LR	03 37 30.6
ASAJ	Asahikawa	6.93 257	P	Pn	03 34 53.4 +2.4
JCH	Churui	7.08 244	P	Pn	03 34 52.3 -0.6
JCH			eS	Sn	03 36 10.0 -1.9
JWK2	Keihoku	7.12 268	P	Pn	03 34 57.8 +4.3
JFR	Furan	7.30 250	P	Pn	03 34 56.2 +0.1
JGS	Shosan	7.36 261	P	Pn	03 35 01.3 +4.5
UGL	Uglegorsk	7.39 298	ePN	Pn	03 34 58.3 +1.1
UGL			pmax	pmax	
UGL	comp=Z,208nm,0.5s		MLR	MLR	
UGL	comp=Z,1µm,17.0s		MLR	MLR	
UGL	comp=N,900nm,19.0s		MLR	MLR	
UGL	Uglegorsk	7.39 298	eP	Pn	03 34 58.3 +1.1
UGL			AMB	AMB	03 34 59.7
UGL	comp=E,160nm,0.5s		A	A	03 36 09.0
UGL	comp=E,110nm,0.4s		eS	Sn	03 36 22.1 +2.6
UGL			A	A	03 36 24.3
UGL	comp=E,90nm,0.6s		A	A	03 36 24.3
UGL	comp=E,150nm,0.6s		AMS	AMS	03 38 54.0
UGL	comp=E,900nm,15.0s		AMS	AMS	03 38 54.0
UGL	comp=E,900nm,15.0s		AMS	AMS	03 38 54.0
UGL	comp=E,1µm,15.0s		AMS	AMS	03 38 54.0
JAB	Ashibetsu	7.41 254	P	Pn	03 34 59.9 +2.4
ERM	Erimo	7.53 241	iPN	Pn	03 34 59.5 +0.3
JEM	Erimo	7.53 241	P	Pn	03 34 59.4 +0.2
JEM			eS	Sn	03 36 19.9 -3.2
JEM	Erimo	7.53 241	P	Pn	03 34 54.3 -4.9
JBT2	Biratori 2	7.63 248	P	Pn	03 35 00.0 -0.5
JBT2			eS	Sn	03 36 22.5 -3.0
JNBK	Urakawa-nobuka	7.63 244	P	Pn	03 34 59.8 -0.8
JNBK			eS	Sn	03 36 22.0 -3.5
JHR	Hokuryu	7.65 256	P	Pn	03 35 02.7 +2.7
JHR	Tymovskoe	7.88 311	ePN	Pn	03 35 04.8 +0.9
TYV			eS	Sn	03 36 30.8 -0.7
TYV			pmax	pmax	
TYV	comp=Z,28nm,0.6s		pmax	pmax	
TYV	comp=Z,100nm,2.7s		pmax	pmax	
TYV	comp=N,17nm,1.2s		smax	smax	
TYV	Tymovskoe	7.88 311	eP	Pn	03 35 04.8 +0.9
TYV			AMB	AMB	03 35 05.0
TYV	comp=N,30nm,0.6s		AMB	AMB	03 35 07.1
TYV	comp=N,100nm,3.0s		AMB	AMB	03 35 07.1
TYV			eS	Sn	03 36 31.4 -0.1
TYV			A	A	03 36 33.6
TYV	comp=N,20nm,0.4s		A	A	03 36 33.6
TYV	comp=N,20nm,0.4s		A	A	03 36 33.6
PEA0B	Petrovavlovsk	8.00	25cPN	Pn	03 35 05.4 -0.1
PEA0B	Petrovavlovsk	8.00	25	Pn	03 35 05.3 -0.2
PETK	Petrovavlovsk	8.00	25	Pn	03 35 05.4 -1.2
PETK	comp=N,1.5nm,0.3s,baz=190,slow=14,SNR=26		S	Sn	03 36 39.2 +4.8
PETK	comp=N,0.7nm,0.3s,baz=135,slow=18,SNR=11		LR	LR	03 38 06.4
PETK	comp=N,160nm,20.4s,baz=219,slow=37		LR	LR	03 38 06.4
PETK	Petrovavlovsk	8.00	25	Pn	03 35 05.0 -0.5
PETK	Petrovavlovsk	8.00	25	Pn	03 35 05.0 -0.5
JEW	Eniwo	8.20 251	P	Pn	03 35 09.9 +1.6
JEW	Eniwo	8.20 251	P	Pn	03 35 09.0 +0.7
PET	Petrovavlovsk	8.23 29	ePN	Pn	03 35 04.1 -4.6
PET			MLR	MLR	
PET	comp=Z,200nm,11.0s		MLR	MLR	
PET	comp=Z,200nm,12.0s		MLR	MLR	
PET	Petrovavlovsk	8.23 29	eP	Pn	03 35 04.1 -4.6
JNB	Noboribetsu	8.64 250	eS	Sn	03 36 48.0 -1.6
JKB	Kayabe	8.93 246	P	Pn	03 35 16.9 -1.4
JKB			eS	Sn	03 36 52.6 -4.7
JSH	Shimam	9.21 253	P	Pn	03 35 23.2 +1.0
JYM2	Yakumo 2	9.24 249	P	Pn	03 35 22.3 -0.3
JYM2			eS	Sn	03 37 01.0 -3.9
JSR	Shiruchi	9.51 246	P	Pn	03 35 24.9 -1.3
JANG	Nango	9.52 237	P	Pn	03 35 23.0 -3.5
JANG			eS	Sn	03 37 04.0 -7.7
JTM	Tenmabayashi	9.53 241	P	Pn	03 35 24.3 -2.1
JTM			eS	Sn	03 37 04.8 -7.1
JTH	Tanohata	9.60 234	eS	Sn	03 37 04.9 -8.8
JOSM	Okushiri-Mats	9.84 251	P	Pn	03 35 29.9 -0.9
NKL	Nikolayevsk	10.24 318	eP	Pn	03 36 31.1 0.0
NKL			AMB	AMB	03 35 38.1
NKL	comp=Z,80nm,0.6s		AMS	AMS	03 40 07.8
NKL	comp=Z,5µm,10.0s		AMS	AMS	03 40 07.8
NKL	comp=Z,50nm,10.0s		AMS	AMS	03 40 07.8
OFUJ	Ofunato	10.30 231	eS	Sn	03 37 22.6 -8.4
JIO	Ouro	10.93 230	eS	Sn	03 37 37.6 -8.6
MA2	Magadan	13.60 357	P	Pn	03 36 20.0 -1.8
MA2	comp=Z,2.8nm,0.3s,baz=176,slow=9.8,SNR=12		LR	LR	03 41 16.1
MA2	Magadan	13.60 357	eP	Pn	03 36 19.7 -2.1
MA2			pmax	pmax	
MA2	comp=Z,16nm,0.7s		Pn	Pn	03 36 20.1 -1.6
KLR	Kul'dur	14.03 291	P	Pn	03 36 28.8 +1.2
KLR	comp=Z,231nm,18.9s,baz=94,slow=38		LR	LR	03 42 04.4
KLR	Kul'dur	14.03 291	eP	Pn	03 36 28.9 +1.3
KLR	Kul'dur	14.03 291	eP	Pn	03 36 28.5 +0.4
MAT	Matsushiro	14.03 232	P	Pn	03 36 24.7 -3.0
MAT			eS	Sn	03 39 09.2 +7.4
MJAR	Matsushiro Arr	14.03 232	P	Pn	03 36 25.4 -2.3
MJAR			LR	LR	03 42 24.7
EKMR	comp=Z,130nm,21.7s,baz=50,slow=39		LR	LR	03 36 30.0 -0.1
EKMR	Ekimchan	14.21 307	eP	Pn	03 36 39.9
EKMR			AMB	AMB	03 36 39.9
USA0B	Ussuriysk Arra	14.26 270	P	Pn	03 36 31.0 +0.4
USA0B	Ussuriysk Arra	14.26 270	P	Pn	03 36 31.0 +0.4
USRK	Ussuriysk Arr	14.26 270	P	Pn	03 36 30.8 +0.2
USRK	comp=Z,8.3nm,0.5s,baz=14,SNR=12		LR	LR	03 41 56.6
USRK	comp=Z,202nm,19.9s,baz=49,slow=37		LR	LR	03 41 56.6
USRK	Ussuriysk Ar.	14.26 270	P	Pn	03 36 30.6 0.0
JGF	Kuroka	15.19 232	P	Pn	03 36 41.4 -1.4
INU	Inuyama	15.56 232	P	Pn	03 36 51.5 +0.9
MDJ	Mudanjiang	15.83 273	P	Pn	03 36 52.0 +1.2
MDJ			pmax	pmax	
MDJ	comp=Z,11nm,0.7s		pmax	pmax	
MDJ	comp=Z,94nm,3.8s		pmax	pmax	
MDJ	Mudanjiang	15.83 273	Pn	Pn	03 36 51.2 +0.4
JWT	Wachi	16.52 235	Pn	Pn	03 36 58.8 -0.8
JWT			IAMB	IAMB	03 37 04.0
BMKR	Bornak	17.08 309	eP	Pn	03 37 05.2 -1.2
BMKR			AMB	AMB	03 37 11.8
ZEZ	Zeya	17.66 305	eP	P	03 37 13.9 +0.2
ZEZ			A	A	03 40 32.3
ZEZ	comp=E,10.0nm,1.2s		pmax	pmax	
ZEZ	comp=N,10.0nm,1.0s		pmax	pmax	
ZEZ	comp=Z,10.0nm,1.0s		MLR	MLR	
ZEZ	comp=E,100nm,16.0s		MLR	MLR	
ZEZ	comp=Z,100nm,18.0s		MLR	MLR	

ZEZ	Zeya	17.66 305	eP	Pn	03 37 12.1 -1.4
ZEZ			AMB	AMB	03 37 17.3
ZEZ	comp=Z,10.0nm,1.0s		AMB	AMB	03 37 17.3
KROS	Kirovskiy	18.02 307	eP	Pn	03 37 18.0 +0.1
KROS			AMB	AMB	03 37 20.0
CN2	Changchun	18.91 273	eP	P	03 37 26.2 -1.4
CN2			pP	P	03 37 35.9 -4.3
CN2			S	S	03 40 50.8 -8.2
CN2			SS	SSnSn	03 41 16.7 +2.3
CN2	comp=Z,10.0nm,1.0s		pmax	pmax	
CN2	comp=Z,150nm,15.0s		LR	LR	
CN2	comp=Z,180nm,15.0s		LR	LR	
CN2	comp=Z,180nm,16.0s		LR	LR	
KRSR	Korea Array	19.85 253	P	Pn	03 37 39.1 -0.7
KRSR	comp=Z,85nm,18.1s,baz=98,slow=35		LR	LR	03 44 48.0
KS19	Wonju Array S1	19.86 253	P	Pn	03 37 39.5 -0.5
KS19			IAMB	IAMB	03 37 46.0
KSAR	Wonju Array Be	19.88 253	P	P	03 37 38.9 +0.7
KSAR	Wonju Array Be	19.88 253	P	P	03 37 38.9 +0.7
YAK	Yakutsk	20.54 329	P	P	03 37 44.9 -0.1
YAK	comp=Z,80nm,0.7s,baz=20.5,SNR=23		LR	LR	03 45 34.4
YAK	comp=Z,104nm,19.7s,baz=92,slow=36		LR	LR	03 45 34.4
YAK	Yakutsk	20.54 329	eP	P	03 37 44.9 -0.1
YAK			eS	S	03 38 03.2
YAK			eSS	SSnSn	03 41 54.0 0.0
YAK			eSSS	SSS	03 41 55.0
YAK			e	e	03 42 12.1
YAK			e	e	03 49 12.7
YAK	comp=Z,195nm,0.9s		pmax	pmax	
YAK	comp=N,42nm,1.1s		pmax	pmax	
YAK	comp=E,40nm,1.0s		pmax	pmax	
YAK	comp=Z,71nm,1.3s		pmax	pmax	
YAK	comp=N,29nm,1.4s		pmax	pmax	
YAK	comp=E,20nm,1.4s		smax	smax	
YAK	comp=N,43nm,2.2s		smax	smax	
YAK	comp=E,44nm,1.8s		smax	smax	
JNU	Nakatsue	20.69 239	P	Pn	03 37 49.0 -0.9
JNU	comp=E,130nm,0.9s,baz=41,slow=7.0,SNR=6.9		P	Pn	03 37 49.6 -0.3
HIA	Hailar	21.89 290	iP	P	03 37 58.8 -0.9
HIA			pmax	pmax	
BILL	Bilibino	23.27 14	iP	P	03 38 13.1 -0.8
BILL					03 38 31.8
BILL					03 38 43.8
BILL					03 41 58.9
BILL	comp=Z,7.0nm,0.8s		pmax	pmax	
BILL	comp=Z,91nm,17.0s		MLR	MLR	
BILL	Bilibino	23.27 14	eP	P	03 38 13.1 -0.8
DL2	Dalian	23.41 263	P	P	03 38 21.1 +5.6
DL2			pmax	pmax	
BJT	Baijiatuu	26.72 270	P	P	03 38 43.1 -2.4
BJT			pmax	pmax	
BJT	comp=Z,9.0nm,0.7s		P	P	03 38 43.1 -2.4
BJT	Baijiatuu	26.72 270	LR	LR	03 50 03.1
BJT	comp=Z,89nm,18.9s,baz=212,slow=36		LR	LR	03 50 03.1
H11N2	WAKE ISLAND Hy	28.95 150	T	T	04 09 28.9
H11N1	WAKE ISLAND Hy	28.95 150	T	T	04 09 40.7
H11N3	WAKE ISLAND Hy	28.95 150	T	T	04 09 34.6
H11S1	WAKE ISLAND Hy	30.02 151	T	T	04 10 48.8
H11S3	WAKE ISLAND Hy	30.02 151	T	T	04 10 55.5
H11S2	WAKE ISLAND Hy	30.03 151	T	T	04 10 56.4
ULN	Ulanbaatar	30.42 290	eP	P	03 39 18.2 -0.3
ULN			pmax	pmax	
ULN	comp=Z,4.0nm,1.7s		pmax	pmax	
SOMM	Songin Array	30.86 290	P	P	03 39 22.6 +0.2
SOMM	comp=Z,0.7nm,0.4s,baz=75,slow=7.2,SNR=5.5		PcP	PcP	03 42 17.4 -0.3
SOMM	comp=Z,1.0nm,0.6s,baz=79,slow=2.0,SNR=4.5		LR	LR	03 52 40.1
SOMM	comp=Z,90nm,19.6s,baz=103,slow=3		LR	LR	03 52 40.1
SOMM	Songin Array	30.86 290	P	P	03 39 21.9 -0.4
ZAK	Zakamensk	32.30 296	eP	P	03 39 32.7 -2.2
ZAK			pmax	pmax	
TPUB	Ta-pu	34.00 239	P	P	03 39 50.4 +0.6
XAN	Xi'an	34.69 265	P	P	03 39 56.3 +0.5
XAN			pmax	pmax	
XAN	comp=Z,22nm,0.7s		pmax	pmax	
BPAW	Bear Paw Mtn.	35.80 39	P	IAMB	03 40 05.2 +0.2
KTH	Kantishna Hill	35.81 40	IAMB	IAMB	03 40 06.3
MLY	Malye	35.96 37	P	P	03 40 06.2 -0.1
TRF	Thorofare Moun	36.09 40	P	IAMB	03 40 06.7 -0.9
TRF			IAMB	IAMB	03 40 09.0
COLD	Coldfoot	36.36 34	P	P	03 40 08.6 -1.0
BWN	Brown Array	36.47 39	IAMB	IAMB	03 40 30.1
KNK	Knik Glacier	36.98 44	IAMB	IAMB	03 40 15.9
LZH	Lanzhou	37.15 272	eP	P	03 40 16.6 -0.3

ARCES	ARCESS Array B	58.29 341	P	P	03 42 59.2 -0.5
ARCES	comp=Z,10.0nm,1.5s				
ARCES	ARCESS Array B	58.29 341	P	I	03 42 59.2 -0.5
ARCES	comp=Z,10nm,1.4s				
ABKAR	Akbulak array	58.30 310	P	P	03 42 59.0 -1.2
ABKAR	Akbulak array	58.30 310	P	P	03 42 58.9 -1.2
ABKAR	comp=Z,3.4nm,0.7s				
AKTO	Aktyubinsk	58.64 312	P	P	03 43 02.0 -0.4
AKTO	comp=Z,1.2nm,0.4s,baz=75,slow=8.9,SNR=2.1				
AKTO	comp=Z,3.3nm,0.7s,baz=74,slow=2.6,SNR=6.9				
AKTO	comp=Z,1.78nm,18.6s,baz=72,slow=38				
CHGR	Chuyangaron	59.06 295	P	P	03 43 05.7 0.0
KT1K1	Kautokino	59.21 341	eP	P	03 43 06.1 0.0
JETT	Jettan, Norway	59.40 342	eP	P	03 43 07.5 +0.1
NIL	Nilore	59.41 288	P	P	03 43 08.0 -0.1
NIL	comp=Z,31nm,1.1s				
NIL	Nilore	59.41 288	P	P	03 43 08.0 -0.1
MISO	Missoula	60.81 52	I	Amb	03 43 17.6 0.0
MISO	comp=Z,5.1nm,0.9s				
SUMG	Summit	61.48	4	I	03 43 21.9 -0.2
SUMG	comp=Z,19nm,0.9s				
SUMG	Summit	61.48	4	I	03 43 21.8 -0.2
SUMG	comp=Z,19nm,0.9s				
SUMG	Summit	61.48	4	P	03 43 21.6 -0.4
AFDM	Forest Hills D	61.49 62	P	P	03 43 23.3 +1.1
NBL	Kabul	61.52 291	P	P	03 43 23.0 -0.4
NBL	comp=Z,1.7nm,1.0s				
KBL	Kabul	61.62 291	P	P	03 43 22.9 -0.4
STEI	Steigen	61.82 343	eP	P	03 43 22.7 -1.2
LOF	Lofoten	61.89 344	eP	P	03 43 23.1 -1.0
LRM	Limekiln Ridge	62.24 52	P	P	03 43 27.8 +0.4
FAUS	Fauske	62.27 343	eP	P	03 43 26.1 -0.9
JMIC	Jan Mayen	62.46 353	eP	P	03 43 28.5 +0.3
BELG	Belogoroye	62.56 318	I	P	03 43 28.0 -1.0
BELG	comp=Z,1.6nm,0.6s,baz=329,slow=8.9,SNR=4.2				
BELG	Belogoroye	62.56 318	I	P	03 43 29.9 +0.8
BOZ	Bozeman (W)	62.84 52	I	Amb	03 43 33.4
BOZ	comp=Z,3.0nm,0.7s				
BMN	Battle Mountain	62.86 59	I	Amb	03 43 33.8
BMN	comp=Z,3.4nm,0.8s				
NBB30	Finnes	62.94 343	eP	P	03 43 30.9 -0.5
NBB15	Halsa Church	63.17 343	eP	P	03 43 32.8 -0.1
KVN	Kaiserville	63.19 61	I	Amb	03 43 36.1
KVN	comp=Z,3.6nm,0.7s				
QLMT	Earthquake Lak	63.43 52	P	P	03 43 35.9 +0.7
NVAR	Mina Array Bea	63.45 61	P	P	03 43 37.1 +1.6
NVAR	comp=Z,1.8nm,0.7s,baz=280,slow=7.7,SNR=5.2				
NVAR	Konsvik	63.48 343	eP	P	03 43 35.8 +0.3
KONS	Konsvik	63.48 343	eP	P	03 43 35.0 +0.1
MOR8	Moi Rana	63.48 342	eP	P	03 43 32.9 -2.1
YHH	Holnes Hill	63.77 52	P	P	03 43 37.7 0.0
H17A	Grant Village	64.17 52	I	Amb	03 43 44.0
H17A	comp=Z,1.9nm,1.1s				
FI1A	FINESS Array S	64.37 334	P	I	03 43 40.0 -0.8
FI1A	comp=Z,7.5nm,0.6s				
FINES	FINESS Array B	64.37 334	P	P	03 43 39.2 -1.6
FINES	comp=Z,1.9nm,0.4s,baz=310,slow=6.6,SNR=36				
TPAW	Teton Pass	64.55 53	I	Amb	03 43 44.6
TPAW	comp=Z,8.5nm,1.0s				
REDW	Red Top Meadow	64.59 53	I	Amb	03 43 46.3
REDW	comp=Z,3.0nm,1.1s				
ICESG	Greenland Ices	64.88 5	I	P	03 43 46.3 +1.7
ICESG	comp=Z,3.0nm,0.7s				
HWUT	Hardware Ranch	65.42 55	P	P	03 43 49.3 +1.1
NSS	Namsdal	65.43 54	eP	P	03 43 46.0 -1.0
OBN	Obninsk	65.47 325	I	P	03 43 46.0 -2.1
OBN	comp=Z,3.0nm,0.7s				
OBN	comp=Z,4.9nm,18.0s				
OBN	Obninsk	65.47 325	eP	P	03 43 46.0 -2.1
PD31	Pinedale Array	65.79 53	P	P	03 43 51.5 +0.8
PDAR	Pinedale Array	65.79 53	P	P	03 43 51.5 +0.8
PDAR	comp=Z,2.8nm,0.8s,baz=302,slow=2.8,SNR=25				
PDAR	Pinedale Array	65.79 53	P	P	03 43 51.5 +0.8
HRA	Herat	66.07 295	P	I	03 43 52.1 -0.6
HRA	comp=Z,8.8nm,1.1s				
NLU	North Lily Min	66.20 57	P	P	03 43 53.6 +0.2
GEYT	Altebeck	66.32 301	P	P	03 43 54.6 +0.7
GEYT	comp=Z,1.4nm,0.8s,baz=234,slow=5.0,SNR=8.4				
RDMU	Red Mountain	67.23 55	P	P	03 44 00.7 +0.8
RDMU	comp=Z,14nm,0.8s				
K22A	Casper	67.54 51	I	Amb	03 44 02.7 +0.9
K22A	comp=Z,6.5nm,1.1s				
ULM	Lac du Bonnet	67.57 40	P	P	03 44 01.4 -0.2
ULM	comp=Z,2.4nm,0.6s,baz=286,slow=8.3,SNR=3.4				
ULM	Lac du Bonnet	67.57 40	P	P	03 44 02.0 +0.4
ULM	comp=Z,3.0nm,0.8s				
ULM	Lac du Bonnet	67.57 40	P	P	03 44 02.0 +0.4
WRA	Warramunga Arr	67.58 198	I	P	03 44 02.8 +0.9
WRA	comp=Z,1.9nm,0.8s,baz=17,slow=6.7,SNR=6.0				
WRA	Warramunga Arr	67.58 198	I	P	03 44 02.7 +0.8
WRA	comp=Z,1.0nm,0.8s				
RSSD	Black Hills	67.88 49	P	P	03 44 04.1 +0.2
RSSD	comp=Z,7.0nm,1.0s				
RSSD	Black Hills	67.88 49	P	I	03 44 04.1 +0.2
RSSD	comp=Z,7.5nm,0.9s				
MOL	Molde	68.09 343	eP	P	03 44 05.0 +0.4
NB2	NORSAR Subarra	68.67 341	P	P	03 44 07.0 -1.3
NB2	comp=Z,4.8nm,0.5s,baz=30,slow=6.5				
NB2	NORSAR Subarra	68.67 341	P	P	03 44 07.0 -1.3
NOA	NORSAR Array B	68.67 341	P	P	03 44 07.5 -0.9
NOA	comp=Z,3.7nm,0.5s,baz=29,slow=6.5,SNR=36				
HFS	Hagfors	68.87 339	P	P	03 44 08.2 -1.4
HFS	comp=Z,10.0nm,0.6s,baz=32,slow=8.4,SNR=32				
MNK	Minsk	69.23 329	I	P	03 44 09.9 -2.0
MNK	i+PP				
MNK	i+SP				
MNK	i+PPP				
MNK	i+S				
MNK	i+SS				
MNK	i				
MNK	comp=N,13nm,0.9s				
MNK	comp=E,1.0nm,0.8s				
MNK	comp=Z,30nm,1.0s				
MNK	comp=E,28nm,22.0s				
MNK	comp=N,215nm,19.0s				
MNK	comp=Z,187nm,22.0s				
MNK	comp=E,1.0nm,0.8s				
MNK	comp=N,13nm,0.9s				
MNK	comp=Z,30nm,1.1s,baz=218				
MNK	i+P				
MNK	i+SP				
MNK	i+PP				
MNK	i+PPP				
MNK	i+S				
MNK	i+SS				
MNK	i				
MNK	i+SS				
MNK	i+SSS				
MNK	i+LQ				
MNK	i+LR				
MNK	i+LRM				
MNK	comp=E,28nm,21.9s				

MNK	comp=N,215nm,19.3s				
MNK	comp=Z,187nm,22.2s				
D32A	Dogwood Acres,	69.28 43	P	P	03 44 12.3 0.0
NACGM	Naroch	69.30 330	I	P	03 44 12.3 0.0
HYA	Hoyanger	69.64 343	eP	P	03 44 14.5 +0.2
SMCO	Snowmass	69.65 54	I	Amb	03 44 15.3 +0.1
SMCO	comp=Z,4.7nm,0.8s				
ISCO	Idaho Springs	69.99 53	P	P	03 44 16.8 -0.4
ISCO	comp=Z,3.0nm,0.8s				
ISCO	Idaho Springs	69.99 53	P	P	03 44 16.8 -0.4
KIV	Kislovodsk	70.75 314	eP	P	03 44 21.6 +0.3
KIV	comp=Z,1.4nm,1.1s				
KIV	comp=Z,4.5nm,18.0s				
KIV	Kislovodsk	70.75 314	I	Amb	03 44 21.2 -0.4
KIV	comp=Z,9.0nm,0.7s				
KIV	Kislovodsk	70.75 314	eP	P	03 44 21.8 +0.3
KHBZ	Khabaz	70.71 314	eP	P	03 44 22.6 +0.8
KHBZ	comp=Z,1.5nm,0.9s,baz=70,slow=3.8,SNR=22				
KHBZ	comp=Z,6.3nm,18.9s,baz=48,slow=39				
KHBZ	Khabaz	70.71 314	eP	P	03 44 21.9 +0.2
KHBZ	comp=Z,1.1nm,0.8s				
KHBZ	Khabaz	70.81 314	eP	P	03 44 21.9 +0.2
SHA1	Shidzhatmaz	70.92 314	eP	P	03 44 23.0 +0.2
OGNE	Ogallala	71.15 50	P	P	03 44 23.6 -0.4
EYMN	Ely	71.22 39	P	I	03 44 23.9 -0.2
EYMN	comp=Z,6.7nm,0.9s				
ASAR	Alice Springs	71.28 198	P	P	03 44 26.7 +2.0
ON1	Oni	71.34 312	P	P	03 44 24.0 -1.1
ON1	comp=Z,1.0nm,0.7s,baz=12,slow=5.1,SNR=12				
ON1	comp=Z,8.0nm,1.0s				
ON1	Oni	71.34 312	P	I	03 44 24.0 -1.1
ON1	comp=Z,8.5nm,1.0s				
AKASG	Mainl Array Be	71.72 326	P	P	03 44 25.9 -1.2
AKASG	comp=Z,5.8nm,0.4s,baz=34,slow=6.2,SNR=25				
AKASG	comp=Z,4.9nm,20.2s,baz=240,slow=38				
AKASG	Mainl Array Be	71.72 326	P	P	03 44 26.2 -0.9
AKASG	comp=Z,2.0nm,0.8s				
AKASG	Mainl Array Be	71.72 326	P	P	03 44 26.2 -0.9
AKASG	comp=Z,1.0nm,0.8s				
AKASG	Mainl Array Si	71.72 326	P	P	03 44 26.2 -0.9
AKASG	comp=Z,1.0nm,0.8s				
AKASG	Mainl Array Si	71.72 326	P	P	03 44 26.2 -0.9
AKASG	comp=Z,1.0nm,0.8s				
ECSD	EROS Data Tent	71.94 45	P	I	03 44 28.9 +0.2
ECSD	comp=Z,8.2nm,0.9s				
E38A	The Farm, Brul	72.20 40	I	Amb	03 44 29.7 -0.4
E38A	comp=Z,9.5nm,0.7s				
GNI	Garni	72.41 310	LR	LR	04 19 18.2
GNI	comp=Z,6.9nm,20.5s,baz=54,slow=38				
GNI	Garni	72.41 310	eP	P	03 44 32.9 +1.2
GNI	comp=Z,1.1nm,1.3s				
SPMN	Marine on St.	72.67 42	P	I	03 44 33.1 -0.2
SPMN	comp=Z,4.9nm,0.8s				
ANMO	Albuquerque	72.87 57	eP	P	03 44 34.7 +0.2
ANMO	comp=Z,8.0nm,2.5s				
ANMO	Albuquerque	72.87 57	P	P	03 44 35.5 +1.0
BATM	Batumi	72.96 313	I	P	03 44 35.4 +0.7
BATM	comp=Z,1.9nm,1.1s				
LENM	Lemitar	73.11 58	I	P	03 44 36.4 +0.5
BCA	Berck	73.11 313	I	P	03 44 36.2 +0.5
I37A	Lomond, Waseca	73.29 43	I	P	03 44 37.0 +0.3
SORM	Soroca	74.10 325	I	P	03 44 40.8 -0.4
SORM	Soroca	74.10 325	I	P	03 44 40.8 -0.4
SCHC	Schefferville	74.27 22	P	P	03 44 42.0 -0.1
SCHC	comp=Z,1.6nm,0.4s,baz=312,slow=6.0,SNR=5.1				
MILM	Milestii Icii	74.89 324	I	P	03 44 44.0 -1.8
OJC	Ojcow	75.58 331	eP	P	03 44 49.8 0.0
OJC	Ojcow	75.58 331	eP	P	03 44 49.4 -0.4
OJC	comp=Z,2.1nm,1.2s				
OJC	Ojcow	75.58 331	P	P	03 44 49.4 -0.4
OJC	comp=Z,2.1nm,1.2s				
AMTX	Amarillo	75.67 55	P	I	03 44 51.3 +0.6
AMTX	comp=Z,8.9nm,0.8s				
MSTX	Muleshoe	75.70 56	I	Amb	03 44 53.1
MSTX	comp=Z,7.5nm,1.1s				
BUR08	Bucovina Arr	75.75 326	P	P	03 44 50.4 -0.5
BURAR	Bucovina Array	75.77 326	I	P	03 44 50.7 -0.3
BURAR	Bucovina Array	75.77 326	I	P	03 44 50.7 -0.3
BURAR	Bucovina Array	75.77 326	I	P	03 44 50.5 -0.6
KOLS	Kolonickie sedl	75.79 328	eP	P	03 44 51.0 0.0
KOLS	comp=Z,9.0nm,0.8s				
KOLS	Kolonickie sedl	75.79 328	eP	P	03 44 51.0 0.0
BIZ	Bicaz	75.97 325	I	P	03 44 51.8 -0.2
TESCANI	Tescani	76.10 325	I	P	03 44 52.6 -0.1
CRVS	Cervenica-Dubn	76.11 329	eP	P	03 44 52.9 +0.1
CRVS	comp=Z,10.0nm,0.8s				
CRVS	Cervenica-Dubn	76.11 329	eP	P	03 44 52.9 +0.1
DIKM	Dikmen	76.12 316	I	P	03 44 54.1 +1.1
TLCR					

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BFO Black Forest, STKA Stephens Creek, ULM Lac du Bonnet, etc.

Table with columns: JMN Monobe, JMN Tsushima, JMW Kuniyama, etc. Includes station codes and names like Monobe, Tsushima, Kuniyama, etc.

Table with columns: KMI Petrovavlovsk, SLVN Son La, GTA Gaotai, etc. Includes station codes and names like Petrovavlovsk, Son La, Gaotai, etc.

IDC 04:34:23.9,332.0,52.84N,32.40E, h0km, Error ellipse: s-maj=120.1km s-min=83.0km az=176.0, Baltic States-Belarus-Northwestern Russia

NNC 04:04:35:54.0,7.4,36.41N,71.03E, h0km, mb3.9, mpv3.6, 4C-2D, Error ellipse: s-maj=65.3km s-min=56.2km az=113.0, Afghanistan-Tajikistan border region

BJI 04:04:39:43.1,0.0,30.48N,131.72E, h20km, mB4.8/39, mb4.5/59, Ms4.0, M7.4, 5/54

IDC 04:04:39:46.9,0.9,30.62N,131.80E, h33km,3km, mb4.2/22, mb1.4/2.26, mb1mx4.1/5.5, mbtmp4.2/6, ML3.7/4, MS4.4/29, Mb1.4/4.29, ms1mx4.3/37, Error ellipse: s-maj=20.7km s-min=14.6km az=101.0

NEIC 04:04:39:47.8,1.3,30.71N,131.52E, h0.07, h24km,6km, mb4.8/49, Error ellipse: s-maj=8.8km s-min=8.3km az=173.0

NIED 04:04:39:47.0,30.65N,131.61E, h38km, MW4.8, Moment Tensor Solution, s3, Moment tensor: Scale 10^19Nm; M2:1.1; M3:0.59; M4:1.52; M5:0.40; M6:0.68; M7:0.42; Fault plane solution: M2:0.08000x10^16 NP1:32.00000, 85.00000, 1.95.00000; NP2:204.00000, 837.00000, 1.84.00000

JMA 04:04:39:50.8,0.5,30.72N,131.72E, h0.04, h30km, MW4.9/61, Moment Tensor Solution, s3, c42; s61, c81; Duration: 0 Moment tensor: Scale 10^19Nm; M2:625.18; M3:0.94; M4:1.2; M5:1.71; M6:1.2; M7:0.62; M8:1.5; M9:0.88; M10:0.6; M11:0.33; M12:0.3; Best double couple: M2:74600x10^16 NP1:214.00000, 832.00000, 1.91.00000; NP2: 6.320000, 858.00000, 1.89.00000; Principal axes: T 2.9280, P177.0000, Azm300.0000; N -0.3630, P171.0000, Azm33.0000; S -2.5650, P13.0000, Azm123.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04:04:39:47.6,0.5,30.64N,131.59E, h0.04, h29km,2km, h30km; pP, N215, c1951/239, mb4.7/76, MS4.5/39, 19C-2D, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JTN Tanegashima, JMN Minatitane, JMS Tashiro, etc.

Table with columns: JMN Monobe, JMN Tsushima, JMW Kuniyama, etc. Includes station codes and names like Monobe, Tsushima, Kuniyama, etc.

Table with columns: KMI Petrovavlovsk, SLVN Son La, GTA Gaotai, etc. Includes station codes and names like Petrovavlovsk, Son La, Gaotai, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like PETK, MK31, MKAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like PRU, KSP, CHVC, etc.

JMA 04 04:46:42.7-1.1, 23.95N, 122.41E, h24km, 9km, M2.6
TAP 04 04:46:43.1, 24.03N, 122.40E, h31km, ML2.9, 9
ISC 04 04:46:42.7-1.1, 23.99N, 0.02-122.39E, 0.02, h25km, 12km, n92, c0:88/162, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like JYNG, EWUT, ETL, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like NACB, TWC, ETM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like NSTT, WHYT, ELDTW, etc.

IDC 04 04:56:52.8-3.3, 18.82S, 177.43W, h0km, mb3.5/3, mb1.3/9, mb1mx3.6/19, mbtmp3.5/3, Error ellipse: s-maj=384.7km s-min=35.9km az=160.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like WRA, ASAR, TXAR, etc.

IDC 04 05:24:02.3-1.1, 8.65N, 123.07E, h48km, 8km, mb3.7/9, mb1.3/9, mb1mx3.5/35, mbtmp3.9/9, MS3.1/4, Ms1.3/2/4, mb1.1mx2.7/37, Error ellipse: s-maj=74.3km s-min=15.7km az=60.0, NEIC 04 05:24:04.1-2.5, 8.40N, 0.10, 122.69E, 0.06, h54km, 8km, mb4.5/6, Error ellipse: s-maj=15.4km s-min=6.7km az=155.0, ISC 04 05:24:02.6-0.5, 8.52N, 0.05-122.70E, 0.08, h44km, n33, c1925/36, mb4.2/13, MS3.1/3, 3C-3D, Mindanao region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like DCPH, SNPH, LLLP, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMAR, KRSR, WRA, WB2, MJAR, ASAR, etc.

TAP 04 05:27:46.2, 23:91N: 121:67E, h53km, ML2.9, C
JMA 04 05:27:46.1, 23:85N: 121:67E, h43km, 1km, M2.7
ISC 04 05:27:47.3, 1.2, 23:91N: 0.02, 121:69E: 0.02, h41km, 4km, n96, c1907/182, Taiwan

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TEYL, HWA, ETM, TWD, TEGC, etc.

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TWC, SMLT, NDS, WCS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHN1, SLGT, SLGT, etc.

JMA 04 05:40:06.9, 0.1, 23:94N: 122:39E, h27km, 3km, M2.8
TAP 04 05:40:07.8, 24:05N: 122:40E, h31km, ML2.8, D
ISC 04 05:40:07.3, 1.0, 23:99N: 0.02, 122:39E: 0.02, h27km, 11km, n172, c067/130, Taiwan region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like T35A Sooner Cattle, H10N2 ASCENSION HYDR45, H10N1 ASCENSION HYDR45, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I31KZ AKTYUBINSK INF, I43RU DUBNA INFRASTRON, I26DE FREYUNG INFRASTRON, and East of Kuril Islands section.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TBVI Tortola, TBVI Tortola, TBVI Tortola, and WEL 04 07:55:55.1, 1.2, 7.2, 3.6, 16.6E, etc.

IDC 04 07:13:16.8-973.0, 50.43N-58.29E, h0km, Error ellipse: s-maj=438.6km s-min=3.8km az=83.0, Western Kazakhstan

IDC 04 08:18:16.4-2.6, 53.59N-87.03E, h0km, mb1 2.8/2, mb1mx2.8/3.9, mbtmp2.7/2, ML2.6/2, Error ellipse: s-maj=23.8km s-min=15.0km az=73.0, Southwestern Siberia

comp=Z,0.6nm,0.9s,baz=69,slow=2.4,SNR=2.0

HEL 04 10:00:31.2,67.63N:20.83E,h0km,ML1.3,Explosion, Sweden
Code Station Name Az AZZ Phase ID Time Res ISC
KUA Kurravaera 0.37 330 Op Pn 10 00 39.5 +1.1

HEL 04 10:01:05.8-0.4,64.67N:30.78E,h0km,ML1.9,Explosion
UPP 04 10:01:05.8-0.3,1.64:45N:30.86E,h0km,ML1.9,Suspected

IDC 04 10:01:09.9,1.8,64:74N:29.93E,h0km,mb1 2.6/2,
mb1mx2.6/39,mbtmp2.62,ML1.7/2,Error ellipse:
s-maj=31.3km s-min=8.8km az=102.0

ISC 04 10:01:04.8-1.2,64.72N:00.40:38.8E,0.06,h0km,n25,
e1841/31,Finland-Karelia border region

Code Station Name Az AZZ Phase ID Time Res ISC
KUE6 Riekki 1.37 343 Op Pn 10 01 31.0 +0.2
KUE6 Riekki 1.37 343 eP Pn 10 01 31.2 0.0
MSF Maaselka 1.42 328 eP Pn 10 01 31.4 -0.5

IDC 04 10:04:13.8-4.1,6.82S:148.99E,h114km,37km,mb3.5/2,
mb1 3.7/4,mb1mx3.2/43,mbtmp3.9/4,Error ellipse:
s-maj=111.8km s-min=23.3km az=128.0,New Britain region

Code Station Name Az AZZ Phase ID Time Res ISC
PMG Port Moresby 3.14 215 P Pn 10 05 39.3 +0.6
WRA Warramunga Arr 19.29 226 P Pn 10 08 29.2 -0.7

IDC 04 10:07:44.7-1.6,1.62N:126.95E,h0km,mb4.1/5,
mb1 4.3/5,mb1mx3.7/45,mbtmp4.1/5,Error ellipse:
s-maj=165.1km s-min=18.3km az=66.0

NEIC 04 10:07:56.8-0.7,1.92N:005:127.30E,0.07,h112km,n41,
mb4.2/10,Error ellipse: s-maj=17.6km s-min=7.8km az=87.0

DJA 04 10:07:58.9-0.5,2.1N:3:12.7E,h109km,6km,M4.4/11,
mb4.5/7,mb4.9/3,MLV4.3/11,Mw(m)B4.2/3

ISC 04 10:07:56.8-0.7,1.92N:005:127.30E,0.07,h112km,n41,
e192/47,mb4.1/3,Halmahera

Code Station Name Az AZZ Phase ID Time Res ISC
GAMI Galela, Maluku 0.49 88 Op Pn 10 08 17.3 +3.5
TNTI Ternate 1.04 176 P Pn 10 08 31.4 +4.8

MRSI Marisa 5.52 256 P Pn 10 09 17.4 +0.7
APSI Ampana 6.26 244 P Pn 10 09 28.2 +1.4
TOLJ Tolitola 6.55 264 P Pn 10 09 31.7 +1.0

IDC 04 10:10:16.0-1.7,6.56S:129.26E,h0km,mb3.8/2,
mb1 4.2/5,mb1mx3.7/42,mbtmp4.0/5,ML4.1/3,Error
ellipse: s-maj=54.0km s-min=28.1km az=79.0,Banda Sea

Code Station Name Az AZZ Phase ID Time Res ISC
BATI Baumata 6.62 236 Op Pn 10 11 54.6 -0.1
WRA Warramunga Arr 14.19 160 Pn 10 13 38.7 +0.2

IDC 04 10:42:16.5-5.1,25.02S:178.92E,h516km,43km,mb2.8/3,
mb1 3.2/5,mb1mx2.9/20,mbtmp4.1/5,Error ellipse:
s-maj=59.9km s-min=35.6km az=57.0

ISC 04 10:42:17.0-2.8,25.15S:179.02E,0.3,h545km,n6,
e1910/7,mb3.4/3,South of Fiji Islands

Code Station Name Az AZZ Phase ID Time Res ISC
DZM Mont Dzumac 11.94 282 P Pn 10 44 54.3 -0.7
URZ Urewera 13.23 187 P Pn 10 45 07.5 -0.5

IDC 04 11:11:41.0-3.6,27.86S:175.42W,h0km,mb3.6/4,
mb1 4.0/4,mb1mx3.7/21,mbtmp3.6/4,MS3.1/3,MS1 3.2/3,
ms1mx2.7/26,Error ellipse: s-maj=254.9km
s-min=29.3km az=162.0,Kermadec Islands region

Code Station Name Az AZZ Phase ID Time Res ISC
PPT Papeete 25.89 72 LR 11 25 34.6
STKA Stephens Creek 37.32 253 LR 11 32 52.5

NEIC 04 11:11:52.8-2.5,20.61S:0:04:69.25W,0.08,h99km,3km,
Error ellipse: s-maj=11.1km s-min=5.8km az=86.0

VAO 04 11:11:52.4-0.2,20.47S:69.26W,h109km,mb4.3
IDC 04 11:11:52.0-4.0,20.54S:69.12W,h107km,4km,mb3.8/11,
mb1 4.0/14,mb1mx3.7/29,mbtmp4.2/14,MS2.9/2,
s-min=2.9,ms1mx3.7/17,Error ellipse: s-maj=17.7km
s-min=7.3km az=84.0

ISC 04 11:11:53.1-0.5,20.59S:69.26W,h108km,2km,ML4.7
GUC 04 11:11:52.1-0.4,20.57S:0:03:69.26W,0.05,h104km,4km,
n204,e1917/220,mb4.2/35,7C-6D,Northern Chile

Code Station Name Az AZZ Phase ID Time Res ISC
PB08 IPOC Station P 0.44 13 Op Pn 11 12 09.7 +1.3
PB09 IPOC Station P 0.44 13 Op Pn 11 12 25.5 +2.0

PB11 IPOC Station P 0.89 335 Pn 11 12 12.7 +0.9
PB12 IPOC Station P 0.96 218 Pn 11 12 13.3 +0.9
PB09 IPOC Station P 1.26 179 Pn 11 12 16.3 +0.4
PSGC Pisagua 1.26 320 Pn 11 12 16.3 +0.4

ISC 04 11:11:52.0-4.0,20.54S:69.12W,h107km,4km,mb3.8/11,
mb1 4.0/14,mb1mx3.7/29,mbtmp4.2/14,MS2.9/2,
s-min=2.9,ms1mx3.7/17,Error ellipse: s-maj=17.7km
s-min=7.3km az=84.0

Code Station Name Az AZZ Phase ID Time Res ISC
CO02 Combarbal 10.71 188 Pn 11 14 19.1 -3.4
PTLB Pontes e Lacer 10.89 64 eP Pn 11 14 24.0 -0.9

ISC 04 11:11:52.0-4.0,20.54S:69.12W,h107km,4km,mb3.8/11,
mb1 4.0/14,mb1mx3.7/29,mbtmp4.2/14,MS2.9/2,
s-min=2.9,ms1mx3.7/17,Error ellipse: s-maj=17.7km
s-min=7.3km az=84.0

Code Station Name Az AZZ Phase ID Time Res ISC
DZM Mont Dzumac 11.94 282 P Pn 10 44 54.3 -0.7
URZ Urewera 13.23 187 P Pn 10 45 07.5 -0.5

IDC 04 11:11:52.0-4.0,20.54S:69.12W,h107km,4km,mb3.8/11,
mb1 4.0/14,mb1mx3.7/29,mbtmp4.2/14,MS2.9/2,
s-min=2.9,ms1mx3.7/17,Error ellipse: s-maj=17.7km
s-min=7.3km az=84.0

Code Station Name Az AZZ Phase ID Time Res ISC
BDFB Brasilia 20.77 80 P Pn 11 16 22.9 -2.2
ITTB Itaituba 20.80 41 eP Pn 11 16 24.7 -0.5

ISC 04 11:11:52.0-4.0,20.54S:69.12W,h107km,4km,mb3.8/11,
mb1 4.0/14,mb1mx3.7/29,mbtmp4.2/14,MS2.9/2,
s-min=2.9,ms1mx3.7/17,Error ellipse: s-maj=17.7km
s-min=7.3km az=84.0

Code Station Name Az AZZ Phase ID Time Res ISC
PB08 IPOC Station P 0.44 13 Op Pn 11 12 09.7 +1.3
PB09 IPOC Station P 0.44 13 Op Pn 11 12 25.5 +2.0

ISC 04 11:11:52.0-4.0,20.54S:69.12W,h107km,4km,mb3.8/11,
mb1 4.0/14,mb1mx3.7/29,mbtmp4.2/14,MS2.9/2,
s-min=2.9,ms1mx3.7/17,Error ellipse: s-maj=17.7km
s-min=7.3km az=84.0

Code Station Name Az AZZ Phase ID Time Res ISC
PB08 IPOC Station P 0.44 13 Op Pn 11 12 09.7 +1.3
PB09 IPOC Station P 0.44 13 Op Pn 11 12 25.5 +2.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like S39A Bolivar, MNTX Cornudas Mount, SNA4 Sanae, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songino Array, NOU 04 11:20:51.9, I43RU DUBNA INFRASO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like X37A Clayton, KSU1 Kansas State U, CBKS CedarLuff, etc.

mb4.732, Error ellipse: s-maj=12.9km s-min=7.4km
 az=216.0
 IDC 04 12:37:29.3:1.6, 9.68S:160.95E, h110km, 9km, mb3.9/14,
 mb1 0.4/14, mb1mx3.9/28, mbtmp4.2/14, MS3.2/4,
 Ms1 3.2/4, ms1mx2.8/29, Error ellipse: s-maj=24.7km
 s-min=14.1km az=98.0
 ISC 04 12:37:29.0:5.961S:0.06:161.06E:0.07, h100km, n73,
 a151779, mb4.7/34, Bougainville-Solomon Islands

comp=Z,0.5nm,0.8s,baz=16,slow=3.9,SNR=2.3

ICD 04 12:53:37.2:1.9, 8.51S:127.88E, h0km, mb4.0/1,
 mb1 3.9/4, mb1mx3.5/29, mbtmp3.7/4, ML3.3/3, Error
 ellipse: s-maj=33.6km s-min=28.3km az=98.0, Timor

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
					h m s	h m s	ISC
BATI	Baumata	4.49	248	Op	12 54 46.7	+0.1	
BATI	2.5nm,0.3s,baz=0.0,slow=20,SNR=1.7						
BATI	2.5nm,0.3s,baz=0.0,slow=20,SNR=1.8				12 55 41.0	+1.4	
WRA	Warrumunga Arr	12.97	152	Pn	12 56 43.3	+0.3	
WRA	0.1nm,0.3s,baz=32,slow=13,SNR=9.9						
WRA	0.1nm,0.3s,baz=332,slow=22,SNR=2.1				12 59 08.0	-0.2	
ASAR	Alice Springs	16.14	160	Pn	12 57 25.9	+0.3	
ASAR	0.3nm,0.3s,baz=339,slow=11,SNR=2.2						
MJAR	Matsushiro Arr	45.85	12	P	13 02 01.0	-0.2	
MJAR	1.6nm,0.6s,baz=199,slow=11,SNR=4.3						

ICD 04 13:11:04.0:2.3, 10.18N:120.81E, h0km, mb3.5/3,
 mb1 3.7/3, mb1mx3.4/40, mbtmp3.5/3, Error ellipse:
 s-maj=428.9km s-min=28.1km az=71.0, Sulu Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
					h m s	h m s	ISC
WRA	Warrumunga Arr	32.76	156	P	13 17 38.8	+0.1	
WRA	0.7nm,0.3s,baz=336,slow=9.6,SNR=7.2						
ASAR	Alice Springs	35.99	159	P	13 18 07.0	0.0	
ASAR	0.2nm,0.4s,baz=335,slow=8.3,SNR=4.3						
SOMM	Songino Array	39.46	345	P	13 18 36.0	-0.1	
SOMM	0.7nm,0.4s,baz=156,slow=4.3,SNR=3.2						

TAP 04 13:18:10.3:24.82N:121.97E, h99km, ML2.7, B
 JMA 04 13:18:10.4:0.1, 24.81N:121.96E, h94km, 2km, M1.8
 ISC 04 13:18:10.2:1.3, 24.83N:121.98E:0.03, h100km, 6km,
 n93, a0579/182, Taiwan

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
					h m s	h m s	ISC
NTC	Toucheng	0.14	282	Op	13 18 24.7	+0.4	
NTC	baz=295						
NTC	baz=295				13 18 35.0	+0.3	
TWB1	Santiao Chiao	0.18	3	P	13 18 24.1	-0.2	
TWB1	baz=8.0						
TWB1	baz=8.0				13 18 34.3	-0.6	
TIPB	Shuangxi	0.20	316	P	13 18 24.2	-0.3	
TIPB	baz=320						
TIPB	baz=320				13 18 34.1	-1.0	
ILA	ilan	0.22	254	eP	13 18 24.5	0.0	
ILA	baz=255						
ILA	baz=255				13 18 35.4	+0.3	
TWC	Suao	0.25	209	P	13 18 24.8	+0.2	
TWC	baz=206						
TWC	baz=206				13 18 34.9	-0.4	
TWE	Neicheng	0.30	250	P	13 18 25.4	+0.6	
TWE	baz=249						
TWE	baz=249				13 18 36.0	+0.3	
NWF	Wu-fen Shan	0.30	324	eP	13 18 24.8	-0.2	
NWF	baz=322						
NWF	baz=322				13 18 35.2	-0.7	
WFSB	Wu-fen Shan	0.30	324	eP	13 18 24.7	-0.1	
WFSB	baz=322						
WFSB	baz=322				13 18 35.1	-0.7	
NDS	Dongshan	0.31	231	eP	13 18 25.1	+0.3	
NDS	baz=232						
NDS	baz=232				13 18 36.0	+0.2	
TWA	Mucha	0.39	293	P	13 18 25.7	+0.4	
TWA	baz=298						
TWA	baz=298				13 18 35.9	-0.8	
ENTT	Nioudou	0.42	244	P	13 18 25.9	+0.5	
ENTT	baz=255						
ENTT	baz=255				13 18 37.6	+0.7	
EWUT	Wuta	0.42	206	P	13 18 26.0	+0.5	
EWUT	baz=197						
EWUT	baz=197				13 18 37.4	+0.5	
NHHD	Xindian Distri	0.43	288	P	13 18 25.8	+0.2	
NHHD	baz=293						
NHHD	baz=293				13 18 37.3	+0.2	
NHDL	Wulai	0.44	264	P	13 18 25.4	-0.2	
NHDL	baz=264						
NHDL	baz=264				13 18 36.8	-0.4	
TATO	Taipei	0.47	289	P	13 18 25.8	0.0	
TATO	baz=293						
TATO	baz=293				13 18 36.3	-1.1	
NDT	Datong Townshi	0.48	242	P	13 18 26.3	+0.4	
NDT	baz=253						
NDT	baz=253				13 18 37.8	+0.1	
EHP	Heping Village	0.56	203	eS	13 18 39.3	+0.7	
EHP	baz=193						
EHP	baz=193				13 18 26.4	-0.1	
TWY	Chenhua	0.56	323	eP	13 18 26.4	-0.1	
TWY	baz=326						
TWY	baz=326				13 18 38.1	-0.6	
YHNB	Yeheng	0.57	254	P	13 18 26.5	-0.2	
YHNB	baz=255						
YHNB	baz=255				13 18 38.0	-0.9	
TWS1	Kuangyinsinshan	0.58	298	P	13 18 26.9	+0.3	
TWS1	baz=299						
TWS1	baz=299				13 18 39.7	+0.8	
NSK	Sanguang	0.58	255	P	13 18 26.4	-0.3	
NSK	baz=255						
NSK	baz=255				13 18 38.2	-1.0	
NTST	Danshui	0.59	305	eP	13 18 26.8	+0.1	
NTST	baz=306						
NTST	baz=306				13 18 38.4	+0.6	
NTY	Taoyuan	0.64	286	eP	13 18 27.5	+0.3	
NTY	baz=292						
NTY	baz=292				13 18 40.7	+0.9	
NNS	Nan Shan	0.67	235	eP	13 18 27.7	+0.1	
NNS	baz=239						
NNS	baz=239				13 18 40.7	+0.2	
NNSB	Datong	0.67	234	P	13 18 27.7	+0.2	
NNSB	baz=238						
NNSB	baz=238				13 18 41.0	+0.4	
NNSH	Datong	0.67	234	P	13 18 27.6	+0.1	
NNSH	baz=239						
NNSH	baz=239				13 18 40.9	+0.4	
NACB	Ninganchiao	0.74	208	eP	13 18 27.4	-0.7	
NACB	baz=208						
NACB	baz=208				13 18 40.9	-0.5	
ETL	Fush Village	0.74	206	eP	13 18 28.7	+0.6	
ETL	baz=215						
ETL	baz=215				13 18 42.2	+0.8	
ETLH	Xiulin Townshi	0.77	216	eP	13 18 28.2	-0.1	
ETLH	baz=223						
ETLH	baz=223				13 18 42.1	+0.1	
PCYH	Pengchaiyu	0.81	6	eP	13 18 28.5	-0.2	
PCYH	baz=12						
PCYH	baz=12				13 18 43.0	+0.5	
NJD	Zhudong	0.81	264	eP	13 18 29.0	+0.2	
NJD	baz=256						
NJD	baz=256				13 18 42.8	+0.1	
TWD	Chiawan	0.82	205	eP	13 18 28.2	-0.6	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
					h m s	h m s	ISC
TWD	baz=213						
TWD	baz=213						
FUSS	Fushou	0.88	229	P	13 18 30.2	+0.5	
FUSS	baz=223						
FUSS	baz=223				13 18 44.6	+0.3	
LIOB	Emei	0.89	259	P	13 18 29.4	-0.1	
LIOB	baz=252						
LIOB	baz=252				13 18 43.8	-0.4	
NSTT	Nanjiang	0.91	258	P	13 18 29.5	-0.2	
NSTT	baz=251						
NSTT	baz=251				13 18 43.3	-1.1	
TWT	Tachien	0.93	232	eP	13 18 30.8	+0.7	
TWT	baz=227						
TWT	baz=227				13 18 46.3	+1.3	
TDCB	Techi	0.94	233	eP	13 18 30.7	+0.5	
TDCB	baz=227						
TDCB	baz=227				13 18 45.7	+0.5	
WHF	Hehuan Shan	0.94	224	P	13 18 30.9	+0.4	
WHF	baz=218						
WHF	baz=218				13 18 45.8	+0.1	
JYNG	Yonagunijimaku	0.95	113	P	13 18 30.3	+0.2	
JYNG	baz=114						
JYNG	baz=114				13 18 44.9	-0.3	
ETM	Tongmen	0.96	207	eP	13 18 29.8	-0.5	
ETM	baz=207						
ETM	baz=207				13 18 44.2	-1.1	
YOJ	Yonaguni jima	1.01	111	P	13 18 30.9	+0.2	
YOJ	baz=114						
YOJ	baz=114				13 18 46.2	+0.1	
YOJ	baz=114				13 18 31.1	+0.4	
YOJ	baz=114				13 18 46.9	+0.8	
TEYL	Yanilau Villag	1.01	201	eP	13 18 30.5	-0.3	
TEYL	baz=191						
TEYL	baz=191				13 18 45.5	-0.8	
CHGB	Renai	1.06	224	eP	13 18 32.2	+0.7	
CHGB	baz=219						
CHGB	baz=219				13 18 48.1	+0.5	
WHP	Taichung City	1.09	240	eP	13 18 32.0	+0.3	
WHP	baz=240						
WHP	baz=240				13 18 48.1	+0.1	
ESL	Shilin	1.12	206	eP	13 18 31.2	-0.8	
ESL	baz=206						
ESL	baz=206				13 18 46.8	-1.7	
OWD	Renai	1.14	220	eP	13 18 32.6	+0.3	</

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Christmas Isla, Warramunga Arr, WRA, WRO, WRF, etc.

KRNET 04 15:02:40.6:0.1,39.76N,71.92E,h11km,mb3.0
SOME 04 15:02:41.5,39.73N,71.85E,h10km
NWC 04 15:02:50.2+1.3,40.17N,71.98E,h0km,mb3.2,mpv2.9,

Error ellipse: s-maj=30.9km s-min=19.0km az=1.0
ISC 04 15:02:40.2-1.2,37.96N,0.04,71.97E,0.04,h4km,12km,

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31, KK31, KK31, etc.

NEIC 04 15:06:31.7:0.5,31.17N,10.0:0.4:103.28W:0.06,h5km,2km,

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

ISC 04 15:12:25.6:380.0,58.63N,53.37E,h0km,Error ellipse:

s-maj=147.3km s-min=65.2km az=138.0,Baltic

States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I31KZ, I43RU, I37NO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like X37A, X37A, X37A, etc.

ISC 04 15:29:11.7:380.0,58.79N,53.55E,h0km,Error ellipse:

s-maj=150.3km s-min=61.2km az=137.0,Baltic

States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I31KZ, I43RU, I37NO, etc.

JMA 04 15:51:07.4:0.1,36.02N,140.08E,h2km,1km,M3.3

Broadband fault plane solution: P waves. NP1:
phi=196.00000, delta=828.00000, lambda=101.00000, NP2: phi=4.00000,

delta=62.00000, lambda=84.00000, Principal axes: T P1gT2.00000,

Azm=261.00000; N P1g5.00000; Azm6.00000; P

P1g7.00000; Azm98.00000;

JMA Felt 1/1

NEIC 04 15:51:08.8:1.8,36.14N,140.09:140.01E,0.09,h57km,6km,

mb4,0.3 Error ellipse: s-maj=14.0km s-min=8.9km

az=149.0

ISC 04 15:51:08.2:2.4,35.94N,140.04E,h8km,19km,mb3.3/6,

mb1.3/4.8,mb1mx3.2/37,mbtmp3.6/8,MS2.4/1,Ms1.2/4.1,

ms1mx1.9/34, Error ellipse: s-maj=33.7km s-min=8.8km

az=64.0

ISC 04 15:51:07.5:0.8,36.01N,140.07E,0.05,h61km,7km,

n48,az118/47,mb3.8/9,2C-5D,Near east coast of

eastern Honshu

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

ISC 04 15:52:40.2:1.2,37.96N,0.04,71.97E,0.04,h4km,12km,

n21,az146/35,20C-10,Tajikistan

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

4d 16h

Table of station data for the 4d 16h period, including station names, coordinates, and various parameters.

2015 AUG

Main table of station data for August 2015, listing station names, coordinates, and parameters.

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Table of station data for the 190 period, listing station names, coordinates, and parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHZ Kahutara, DSZ Denniston North, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BZGR Bezymyanni-Gr, BZWR Bezymyanni-We, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 04 16:29:32.7d,0.9,53.40N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUJ 04 16:38:26.0d,0.1,11.105S, etc.

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

4d 16h

Table with columns: ID, Name, Az, El, AzEl, P, R, AzEl, P, R, AzEl, P, R, AzEl, P, R. Includes stations like D03D Eldon, EGAK Eagle, PINE Pine Mountain, etc.

2015 AUG

Table with columns: ID, Name, Az, El, AzEl, P, R, AzEl, P, R, AzEl, P, R, AzEl, P, R. Includes stations like INK Inuvik, WUAZ Wupatki, BELA Belgrano 2, etc.

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Table with columns: Code, Station Name, Az, El, AzEl, P, R, AzEl, P, R, AzEl, P, R, AzEl, P, R. Includes stations like MNK Minsk, MNK Minsk, MNK Minsk, etc.

BGR 04 16:44:32.6:0.0,35:39N:71:99E, h121km, 4km, mb4.8
IDC 04 16:44:36.8:0.0,7:36:27N:71:11E, h98km, 6km, mb4.3/33,
mb1 4.5/35, mb1mx4.3/43, mbtmp4.7/35, MSS3.5/12,
Mst1 3.6/12, mst1mx3.2/48, Error ellipse: s-maj=11.7km
s-min=9.2km az=20.0
MOS 04 16:44:38.0:0.3,36:52N:71:26E, h117km, mb4.8/22, Error
ellipse: s-maj=4.9km s-min=3.3km az=93.2
BUJ 04 16:44:40.7:0.0,36:68N:71:36E, h117km, mb4.9/21,
mb4.8/36
NEIC 04 16:44:40.5:2.0,36:50N:0:05:71:05E:0:07, h123km, 5km,
mb4.7/137, Error ellipse: s-maj=7.8km s-min=7.5km
az=48.0
NNC 04 16:44:40.7:2.6,36:83N:70:80E, h126km, 33km, mb4.6,
mpv5.4, Error ellipse: s-maj=24.1km s-min=13.1km
az=164.0
GCMT 04 16:44:41.5:0.4,36:53N:0:03:71:00E:0:04, h147km, 5km,
M44:872, Moment Tensor Solution: s:7.68, s:72.c82:
Duration: 0 Moment tensor: Scale 10^16Nm; M1:1.67z; M2:
M3:2.0z; M4:0.4z; M5:1.0z; M6:1.1z; M7:0.0z; M8:0.0z; M9:0.0z;
M10:0.2z; M11:0.0z; Best double couple: M2:21200x10^16
NP1:0.96.00000, 0.830.00000, 1.02.00000. NP2:
0.2660.00000, 0.861.00000, 0.833.00000. Principal axes: T
2.0060, Plg73.0000, Azm155.0000, P -2.4180, Plg16.0000,
Azm357.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-tensor-ratio function
ISC 04 16:44:38.0:0.3,36:47N:0:03:71:18E:0:03, h107km, 3km,
h106km, pP-6.52, s:1.652, r:1.657/13, mb4.7/188, 43C-97D, Fault
plane solution: NP1:0.256.05798, 0.75.12871,
1.88.03130. NP2:0.83.68642, 0.14.99813, 1.97.37147.
Principal axes: T Plg59.8253, Azm163.2879; N
Plg1.9027, Azm256.5634, P Plg30.1020,
Azm347.6670; Afghanistan-Tajikistan border region
Code Station Name Az El AzEl P R AzEl P R AzEl P R
KBL Kabul 2.59 223 Op Pn ISC h m s ISC
KBL Kabul 2.59 223 Pn Pn 16 45 20.3 +1.3
GAR Garm 2.62 345 Pn Pn 16 45 20.2 +0.9
CEP Cherat 2.70 167 P Pn 16 45 23.2 +2.7
CHGR Chuyangaron 2.71 324 Pn Pn 16 45 20.1 +0.3
DRK Karamyk 3.05 9 Pn Pn 16 45 37.3 +2.1
CHCP Chirchik Chowk 3.28 148 Pn Pn 16 45 15.9 +3.2
NIL Nilore 3.29 148 Pn Pn 16 45 30.9 +2.9
NIL Nilore 3.29 148 Pn Pn 16 45 31.4 +3.4
NIL Nilore 3.29 148 S Sn 16 46 06.2 -0.3
BTk Batken 3.60 356 Pn Pn 16 45 34.0 +1.7
BTk Batken 3.60 356 Pn Pn 16 45 34.0 +1.7
THW Thangma Wali 3.69 173 P Pn 16 45 35.3 +1.8
SARP Sarpodda 4.07 164 P Pn 16 45 47.7 +0.7
KSH Kashi 4.86 50 S Sn 16 45 47.2 -2.1
KSH Kashi 4.86 50 S Sn 16 46 38.3 -6.2

4d 17h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like MSFV Nonsau, NIUE Niue, NIUE Niue, AFI Afiamalu, etc.

IDC 04 17:30:49.91.8, 43.69N:105.63W, h0km, mb1 3.3/2, mb1m0.2, 9/33, mbtmp3, 1/2, ML2.9/2, Error ellipse: s-maj=41.5km s-min=10.1km az=151.0, NEIC 04 17:30:50.51.8, 43.53N:0.05:105.31W, 0.07, h0km, 2km, ML3.2/40, Error ellipse: s-maj=10.6km s-min=6.5km az=319.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like RSSD Black Hills, K22A Casper, PHWY Pilot Hill, etc.

2025 AUG

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ULM, TXAR, NEIC 04 17:46:56.9, 0.5, 18.1N:0.1:68.54W, etc.

DJA 04 17:48:30.2, 0.5, 2N:5.12E, h159km, 5km, M4.4/12, mb4.5/10, mb4.9/4, MLV4.4/2, Mw(MB)4.2/4, NEIC 04 17:48:30.2, 1.4, 1.73N:0.08:127.54E:0.07, h175km, 6km, mb4.5/5, Error ellipse: s-maj=12.4km s-min=10.2km az=208.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like GAMI Galea, Maluku, TMTI Ternate, etc.

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like TTSI, BNSI, BKSI, KAPI, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes entries for GAR, KK31, KKAR, CASY, BRVK, SPJA, ABKAR, VAND, Vanda, SKT, SKWNTNA, ARCES, TXAR, TORD.

IASPEI 04 18:16:29.9-1.1, 36.81N-0.02:97.80W-0.02, h4km, 13km, Error ellipse: s-maj=3.7km s-min=3.0km az=157.1, GT5 selection from ISC bulletin G15 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic studies, <Seism. Res. Let.>, 80, 465-472, 2009

ANF 04 18:16:29.8-0.6, 36.84N-97.83W, h4km, ML4.0/10, Error ellipse: s-maj=6.2km s-min=4.7km az=168.0, TUL 04 18:16:29.6-1.4, 36.84N-0.02:97.80W-0.02, h4km, 5km, ML3.4, mb_Lg3.4/118(NEIC), Error ellipse: s-maj=2.8km s-min=2.3km az=151.0

NEIC 04 18:16:30.0-1.2, 36.81N-0.02:97.79W-0.02, h4km, 6km, Error ellipse: s-maj=2.9km s-min=2.3km az=158.0, ISC 04 18:16:29.8-0.9, 36.82N-0.02:97.80W-0.02, h4km, 7km, n120, o5971/119, Oklahoma

Main ISC bulletin table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes entries for GC02, KAN17, KAN13, OK032, CROK, KAN10, KAN08, KS20, BLOK, KAN12, T35A, T35B, OK029, U32A, U32B, U32A, QUOK, OK031, BCOK, OK025, OKCFA, OKCFA, OKCFA, OKCFA, OKCSW, FNO, R32A, R32A, R32A, TUL1, TUL1, X34A, X34A, WMOK, WMOK, KSU1, KSU1, CBKS, U38A, LOK, X37A, X37A, X37A, HHAR, HHAR, X35A, X35A, X35A.

Main ISC bulletin table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes entries for W39A, S39A, S39A, S39A, S39A, S39A, AMTX, AMTX, S39A, S39A, N33A, N33A, U40A, U40A, U40A, U40A, MIAR, MIAR, Z38A, Z38A, N35A, P38A, K350, K350, MGMO, MGMO, ABTX, ABTX, BGNE, BGNE, R40A, R40A, X40A, X40A, FCAR, FCAR, WHAR, WHAR, WHTX, WHTX, WLAR, WLAR, MSTX, 237A, 237A, L34A, L34A, OGNE, OGNE, P40A, P40A, T25A, N38A, N38A, CCM, LCAR, LCAR, NATX, K31A, K31A, PBMO, PBMO, 435B, 435B, LPAR, SCIA, SDCO, SLM, SLM, JCT, JCT, N41A, N41A, ISCO, S44A, SIUC, ECSD, K38A, K38A, P43A, OXF, OXF, Q44A, ANMO, L40A, Y45A, PHWY, OLIL, I37A, Y22D, LENM, O44A, MNTX, MNTX, L42A, JFWS, JFWS, T47A, RSSD, P46A, M44A, K22A, I40A, TX31, TXAR, TX32, X48A, SFIN, SPMM, BLO.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes entries for WCI, CLTN, U49A, SWET, Y49A, I42A.

NNC 04 18:28:58.4-2.5, 37.57N-71.01E, h0km, mb3.6, mpv3.2, 1C-5D, Error ellipse: s-maj=19.3km s-min=17.6km az=172.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes entries for KK31, KK31, AAK, AAK, TKM2, TKM2.

WEL 04 18:31:24.8-0.2, 41.52S-27.176E, h27km, 2km, M2.9/23, ML3.2/23, MLV2.9/23, Error ellipse: s-maj=0.0km s-min=0.0km az=125.9, North Island

Main ISC bulletin table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes entries for PRWZ, PRWZ, TIWZ, TIWZ, MWZ, MWZ, POWZ, POWZ, BFZ, BFZ, DVHZ, DVHZ, CPWZ, CPWZ, HOWZ, HOWZ, ARWZ, ARWZ, ANWZ, ANWZ, TMWZ, TMWZ, TSZ, TSZ, OGWZ, OGWZ, OHWZ, OHWZ, MTW, MTW, PRHZ, PRHZ, WPHZ, WPHZ, PNHZ, PNHZ, KIW, KIW, CAW, CAW, TRWZ, TRWZ, TRWZ, TRWZ, MSWZ, MSWZ, PKZ, PKZ, KRHZ, KRHZ, PLWZ, PLWZ, PLWZ, PLWZ, BHW, BHW, KAHZ, KAHZ, BHZ, BHZ, MOVZ, MOVZ, MTVZ, MTVZ, TRVZ, TRVZ, WHVZ, WHVZ, TUVZ, TUVZ, TCW, TCW, NGZ, NGZ, OTVZ, OTVZ, DUWZ, DUWZ, WTVZ, WTVZ, BKZ, BKZ, TRWZ, TRWZ, LREZ, LREZ, SHGZ, SHGZ, PRGZ, PRGZ, RAGZ, RAGZ, URZ, URZ, MWZ, MWZ, TKGZ, TKGZ, TWGZ, TWGZ, RWZ, RWZ, PUZ, PUZ, PKGZ, PKGZ, HAZ, HAZ, WMGZ, WMGZ.

HEL 04 19:09:03.7-0.0, 67.82N-20.21E, h1km, ML2.6, ML2.7(U), Confirmed Induced event

NAO 04 19:09:03.3-0.9, 67.79N-20.55E, ML3.2, IDC 04 19:09:04.3-0.8, 67.74N-20.58E, h0km, mb1 3.2/6, mb1mx2.9/48, mb1mp3.2/6, ML2.6/5, Error ellipse: s-maj=14.0km s-min=6.9km az=113.0

BER 04 19:09:05.1-2.7, 67.86N-20.29E, h0km, ML2.5, ML3.2(NAO), Confirmed Induced event

KOLA 04 19:09:05.4, 69.71N-21.43E, h0km, ML2.5, Norway, Troms

ISC 04 19:09:02.4-0.7, 67.78N-0.02:20.36E-0.03, h0km, n50, o594/75, Sweden

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes entries for KUA, RATU, RATU, KOVU, KOVU, NIKU, NIKU, DUNU, DUNU, LANU, LANU, LANU, MASU, MASU, KIF, KIF, KIF, KIF, PAJU, PAJU, HAF, HAF, HAF, HAF.

4d 20h

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

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

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

TRN 04 19:26:36.0, 13:85N-58:45W, h104km, MD4.1
ISC 04 19:26:33.1, 23:188N, 0:04:58.3W, 0.1, h10km, n48,

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

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

MAN 04 19:53:46.0, 9:73N, 125:17E, h51km, mb4.1, ML2.9, MS2.5, ID, Mindanao

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

NEIC 04 20:03:20.9, 1.4, 43:79N, 0:05:105:27W, 0:04, h20km, 1km, ML3.4/68, Error ellipse: s-maj=9.0km s-min=2.9km az=154.0

ICC 04 20:03:21.3, 0.9, 44:09N, 105:66W, h0km, mb3.9/4, mb1 3.9/9, mb1mx3.6/40, mbtmp3.7/9, ML3.1/4, MS2.5/3, Ms1 2.4/3, ms1mx2.1/58, Error ellipse: s-maj=27.3km

ISC 04 19:58:51.2, 2.7, 30:40S, 0:09:177.7W, 0.4, h33km, n6, az=276/8, mb3.4/3, Kermadec Islands

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

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like Rovaniemi and ARCS Array S.

HEL 04 23:22:22.0-0.1, 67.85N-20.19E, h0km, ML2.0, ML2.2(UPP), Explosion

Main table for station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RATU, KOUV, and ARCS Array S.

Table for Kuril Islands with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SKR, ALID, and MTRV.

Table for South of Fiji Islands with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAR, WRA, and AKASG.

MAN 04 23:48:41.7, 5.60N-127.32E, h50km, mb5.2, ML4.2, MS4.3

Main table for WAKE ISLAND Hy stations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KCP, DAV, WBO, WRA, and SONM.

Table for NEIC stations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ARU, KIRV, and KBZ.

NEIC 04 23:55:28.4-1.3, 19.63N-109.64E, h39km, 55km, Error ellipse: s-maj=14.9km s-min=6.6km az=204.0

Main table for NEIC stations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ABVI, VGBI, and STVI.

IDC 05 00:16:19.3-0.6, 2.19N-126.70E, h0km, mb4.3/17, mb1 4.4/18, mb1mx4.2/37, mbtmpp4.3/18, ML3.9/1, MS3.6/8

Table for IDC stations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GAMI, TINTI, and SANGSI.

ISL 05 00:16:26.0-0.4, 2.32N-104.126E, h0km, mb5.0/15, mb4.7/28, MS4.4/6, MS7.4/16

Main table for IDC stations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GAMI, TINTI, and SANGSI.

Table for Alice Springs stations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AS31, ASAR, and ASAR.

ASAR Alice Springs 26.71 166 P P 00 22 017 +0.5

Main table for Alice Springs stations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAR, CHAI, NONG, PHIT, CMAR, CHTO, ENH, KMI, KWI, JMT, KSW, MJAR, XAN, BBOO, EIDS, STKA, JSD, LZH, ARMA, HHC, SHL, US0A, USR, USR, MDJ, KLN, TAPN, ODAN, JIRI, KLR, PKI, KKN, HIA, KLN, ULN, DANN, SONM, PYUN, WMQ, MKAC, MKAR, MKZ, KSH, KSH, KDJ, YAK, LBZ, ZAAO, ZALV, ZALV, DRK, KBL, GAR, BTK, MK31, MKAR, BRV, BRV, TIXI, TIXI, NRIK, GYA0B, ALIBECK, ALIBECK, ARU, ARU, SDPT, VNSA, VNSA.

IDC 05 02:11:08.74.8, 19.29N:64.46W, h0km, mb3.4/2, mb1 4.1/3, mb1mx3.3/3, mbtmp3.8/3, ML3.2/1, MS3.0/1, Ms1 3.0/1, ms1mx2.3/2, Error ellipse: s-maj=82.9km s-min=29.9km az=109.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ABVI, VGBI, TBVI, STVI, CUPR, MTP, HUMP, CDVI, IGPR, AOPR, CELP, OBIP, ICMP, AGPR, MLPR, ANOC, ANBD, SDDR, SDDP, BBSR, SJCC, ROSC, JTS, TXAR, PDAR.

JMA 05 02:34:38.50.1, 38.92N:141.92E, h51km, 1km, M3.5 JMA Felt J1

IDC 05 02:34:41.8.6.8, 38.77N:141.70E, h83km, 49km, mb3.5/5, mb1 3.5/7, mb1mx3.3/3, mbtmp3.7/7, ML3.2/2, MS2.5/1, Ms1 2.5/1, ms1mx2.0/36, Error ellipse: s-maj=82.9km s-min=25.6km az=78.0

ISC 05 02:34:38.0.1, 3.3888N:0.061420E:0.1, h51km, 8km, n25, e897/25, mb3.8/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OFUJ, KJMT, JMK, JIO, JOM, JTH, JOU, JOU, JRG, JYK, JMM, JMT, MAT, JAT.

Table with columns: USRK, KLR, H1N2, H1N1, H1N3, H1S1, H1S2, H1S3, H1S2, ZALV, MKAR, WRA, ARCES, FINES. Includes station names like Ussuriysk Ar., Kul'dur, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, Zalesovo Beam, Matkanchi Arr, Warramunga Arr, ARCESS Array B, FINES FINES Array B.

IDC 05 03:11:17.1:10.0, 24.66S-179.98W, h552km, 142km, mb2.8/3, mb1 3.2/4, mb1mx2.8/26, mbtmp3.8/4, Error ellipse: s-maj=99.7km s-min=32.0km az=6.0, South of Fiji Islands

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

RSNC 05 03:33:55.3:1.1, 6.81N-73.12W, h151km, 5km, ML3.0, Mw3.5, 4d, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BARC, BRRC, RUSC, TAMC, OCAC, ZARC, NORC, SMLC, CHIC, ROSC, HELC, UREC, GUY2C, LL2C, VILC, LL1C, PTGC, CBCC, DBBC, TOLC, MOTC, ANIL, ORTC, ELOV, PLMC, YOTC, CROK, OK029.

Table with columns: BLOK, GC02, BCOK, OK001, OK003, QUOK, KAN13, OK025, OK032, KAN17, OKCF, OKCSW, KS20, KAN08, T35A, FNO, KAN12, UJ2A, WMOK, LOOK, R32A, X37A, X37A, U38A, HHAR, KS10, CBKS, W39A, S39A, S39A, AMTX, AMTX, MIAR, MIAR, U40A, ABTX, X40A, X40A, MGMO, WHAR, FCAR, FCAR, N33A, J Bar K, Exete, WLAR, P38A, P38A, R40A, N35A, N35A, KSC0, MSTX, BGNE, LCAR, LCAR, CCAR, CCM, CCM, P40A, Paris, T25A, N38A, PBMO, L34A, L34A, OGNB, OGallaia, GNAR, JCT, 143A, SCIA, SDCC, HALT, S44A, SIUC, N41A, W45A, K38A, L40A, PLAL, OLIL, Y22D, SUSD, L42A, JFWF, M44A, SFIN, WCI, RWY, K22A, K43A.

DJA 05 03:55:18.8:1.4, 8.3S:170.7E, h24km, 13km, M4.9/18, mb5.6/6, mb5.0/11, MLV4.7/18, MW(mb)5.2/6, NEIC 05 03:55:19.4:1.3, 8.04S:0.06:107.08E:0.07, h52km, 4km, mb2.5/3, Error ellipse: s-maj=11.6km s-min=6.8km az=129.0

IDC 05 03:55:24.5:2.7, 84S:107.38E, h97km, 16km, mb3.8/6, mb1 4.0/7, mb1mx3.6/48, mbtmp4.2/7, MS3.2/3, Ms1 3.1/3, ms1mx2.7/21, Error ellipse: s-maj=51.7km s-min=15.9km az=57.0

ISC 05 03:55:18.9:0.6, 8.17S:0.04:107.19E:0.05, h50km, n72, e195/63, mb4.4/12, MS3.2/3, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CNJ, CNJ, CISI, CISI, CEMI, LEM, LEM.

5d 4h

Table with columns: LEM, comp=Z, 4.6nm, 20.0s, baz=124, slow=39, LR, LR, 03 56 05.2, etc. Lists various seismic events with their parameters and station codes.

NSSP 05 04:36:53.7, 41:15N; 43:02E, h9km, Ms3.0
TIF 05 04:36:54.0, 41:16N; 43:10E, h6km, 1km
ISK 05 04:36:54.9, 41:12N; 43:08E, h8km, ML3.2/10
DDA 05 04:36:54.9, 41:16N; 43:08E, h9km, 2km, ML3.3
NORS 05 04:36:55.9, 41:17N; 42:97E, h1km, MPV4.2
ISC 05 04:36:55.2, 1.0, 41:18N; 01:43.09E; 0.01, h10km, gkm, n66, c1503/125, 2C, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists station names like AKH, BGD, POSOF, etc. and their associated seismic data.

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Main table with columns: DRNR, STE, STEpanavan, 0.98 100/f, P, Sg, 04 37 24.0 -0.8, etc. Lists seismic events with station codes, magnitudes, and times.

IDC 05 04:57:07.5; 0.6, 21:17N; 45:78W, h0km, mb4.0/20, mb1 4.2/20, mb1mx3.9/55, mbtmp4.0/20, MS3.6/19, Ms1 3.6/19, ms1mx3.4/38, Error ellipse: s-maj=20.1km s-min=12.4km az=122.0

NEIC 05 04:57:10.2, 1.2, 21:24N; 0.4; 45:78W; 0.1, h10km, 1km, mb4.6/28, Error ellipse: s-maj=22.0km s-min=6.2km az=101.0

ISC 05 04:57:09.4, 0.5, 21:22N; 0.1; 45:80W; 0.1, h10km, n79, c069/51, mb4.5/38, MS3.6/17, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists station names like H05S1, MDP, P, etc. and their associated seismic data.

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Table with columns: ATAH, ATAhualpa, 42.62 232, P, P, 05 05 06.4 -0.3, etc. Lists seismic events with station codes, magnitudes, and times.

BUI 05 04:59:29.4; 0.0, 6.14S; 148.21E, h85km, mb5.0/21, mb4.8/29, Ms4.5/6, Ms7 4.0/3

IDC 05 04:59:30.3; 1.6, 6.33S; 147.62E, h61km, 13km, mb4.4/20, mb1 4.5/24, mb1mx3.4/44, mbtmp4.7/24, MS3.6/13, Ms1 3.6/13, ms1mx3.5/22, Error ellipse: s-maj=14.9km s-min=9.9km az=82.0

NEIC 05 04:59:32.3; 1.2, 6.34S; 0.02; 147.52E; 0.08, h78km, 6km, mb4.9/50, Error ellipse: s-maj=10.9km s-min=2.8km az=82.0

DJA 05 04:59:32.9; 0.5, 6.3S; 3.148E, h77km, 6km, Ms 1/20, mb5.5/6, mb5.2/20, Mb1.3/13, Mw(mb)5.0/6

GCMT 05 04:59:34.0; 3.0, 6.46S; 0.02; 147.82E; 0.02, h81km, 4km, MW4.9/81, Moment Tensor Solution. s24,c25; s81,c107; Duration: 0 Moment tensor: Scale 10^16Nm; Mr,0.29; 14; Mw-1.29; 12; Mw-1.01; 13; Mw-0.95; 07; Mw2.54; 12; Mw-1.27; 09; Best double couple: M3.0, 18900x10^16 Np1.9s; 164.00000; 870.00000; 1.162.00000. NP2: 0.26; 21.00000; 873.00000; 2.1.00000. Principal axes: T 3.4440, P1g27.0000, Azm123.0000; N -0.5040, P1g27.0000, Azm297.0000; P -2.9330, P1g2.0000; Azm32.0000; Nsta refers to surface waves, cut-off=50s. Triangular moment-rate function

ISC 05 04:59:31.0; 0.3, 6.36S; 0.04; 147.52E; 0.05, h63km, n201, c159/198, mb4.7/45, Eastern New Guinea region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists station names like PMG, BPAW, etc. and their associated seismic data.

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5d 7h

Table with columns: AOPR, Arecibo Observ, 1.11 203, Pn, 07 30 19.7 -0.4, etc. Lists various astronomical observations with station names, coordinates, and times.

Table with columns: ROSC, El Rosal, 16.43 209, Pn, 07 33 53.9 +1.6, etc. Lists astronomical observations from ROSC station, including coordinates and observation times.

Table with columns: ANF, NEIC, TUL, ISC, Code, Station Name, Az, Phase ID, Time Res, etc. Lists astronomical observations from various stations like ANF, NEIC, TUL, and ISC, including station details and observation parameters.

5d 7h

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Table with columns: SII, comp=N, 491nm, 0.7s, IAML, 07 40 25.1, etc. Lists various station identifiers and their associated data.

Table with columns: CHX, Chaix Hills, 5.32 86, Pn, 07 39 38.4 -0.3, etc. Lists station names like Chaix Hills, Sand Creek, and their data.

Table with columns: PTGC, Puerto Gaitan, 2.80 160, iP, Pn, 07 44 08.1 -1.4, etc. Lists station names like Puerto Gaitan, Ciudad Bolivar, and their data.

RSNC 05 07:43:24.31.1.6.84N.73.10W, h156km, 4km, ML3.3, Mw3.8, 3D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station codes and names for the RSNC event.

ANF 05 07:48:01.9.0.1.36.58N.97.70W, h1km, ML4.5/27, Error ellipse: s-maj=1.7km s-min=1.6km az=49.0

TUL 05 07:48:02.3.1.6.36.60N.102.97.69W, h6km, 6km, ML4.0, mb, Lg3.5/134(NEIC), Error ellipse: s-maj=7.4km s-min=2.1km az=67.0

NEIC 05 07:48:02.4.1.3.36.58N.102.97.69W, h3km, 6km, Error ellipse: s-maj=7.5km s-min=2.2km az=68.0

IDC 05 07:48:03.9.2.0.3.67.26N.98.14W, h0km, mb3.9/1, mb1.3/9.4, mb1mx3.4/45, mbmtpr3.6/4, ML3.5, MS2.7/2, Ms1.2/7.2, ms1mx2.3/55, Error ellipse: s-maj=41.1km s-min=11.4km az=105.0

ISC 05 07:48:01.9.1.0.36.57N.102.97.69W, h10km, 7km, m184, s1217, 057, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists station codes and names for the ISC event.

KSU1	Kansas State U	2.67	18	P	Pn	07 48 46.0 +1.0
KSU1	Kansas State U	2.67	18	P		07 48 46.2
X37A	Clayton	2.73	136		Pn	07 48 47.9 +2.1
X37A	Clayton	2.73	136	IAMB_Lg		07 49 36.1
X37A	Clayton	2.73	136	P	Pn	07 48 47.5 +1.7
X37A	Clayton	2.73	136	P		07 48 47.5
CBKS	Cedar Bluff	2.77	325	Pn	Pn	07 48 48.8 +2.4
CBKS	Cedar Bluff	2.77	325	P		07 48 47.3 +0.9
CBKS	Cedar Bluff	2.77	325	P	Pn	07 48 47.6 +1.2
CBKS	Cedar Bluff	2.77	325	P		07 48 47.3
HHAR	Hobbs	3.04	94	Pn	Pn	07 48 51.9 +1.9
Z35A	Perchaven, S	3.25	174	IAMB_Lg		07 49 55.0
Z35A	Perchaven, San	3.25	174	P	Pn	07 48 54.8 +1.9
Z35A	Perchaven, San	3.25	174	P		07 48 54.8
W39A	Magazine	3.45	112	IAMB_Lg	Pn	07 48 58.4 +2.6
W39A	Magazine	3.45	112	P		07 49 58.4
W39A	Magazine	3.45	112	P	Pn	07 48 57.0 +1.2
W39A	Magazine	3.45	112	P		07 48 56.9 +1.1
W39A	Magazine	3.45	112	Sb	Sg	07 49 49.5 -3.2
W39A	Magazine	3.45	112	P		07 48 57.0
AMTX	Amarillo	3.65	244	Pn	Pn	07 49 00.4 +1.8
AMTX	Amarillo	3.65	244	IAMB_Lg		07 50 09.0
AMTX	Amarillo	3.65	244	P	Pn	07 48 59.7 +1.1
AMTX	Amarillo	3.65	244	P		07 49 00.2 +1.7
AMTX	Amarillo	3.65	244	Sb	Sg	07 49 56.0 -3.3
AMTX	Amarillo	3.65	244	P		07 48 59.7
S39A	Bolivar	3.67	71	IAMB_Lg	Pn	07 49 00.8 +2.1
S39A	Bolivar	3.67	71	P		07 50 07.7
S39A	Bolivar	3.67	71	P	Pn	07 49 00.0 +1.4
S39A	Bolivar	3.67	71	P		07 49 00.0
U40A	Yellville	3.90	92	IAMB_Lg		07 50 10.4
U40A	Yellville	3.90	92	P	Pn	07 49 03.3 +1.3
U40A	Yellville	3.90	92	P	Pn	07 49 03.2 +1.2
U40A	Yellville	3.90	92	S	Sn	07 49 48.5 +0.7
U40A	Yellville	3.90	92	P		07 49 03.3
U40A	Yellville	3.90	92	P		07 49 03.3
MIAR	Mount Ida	3.91	120	Pn	Pn	07 49 04.6 +2.6
MIAR	Mount Ida	3.91	120	IAMB_Lg		07 50 08.5
MIAR	Mount Ida	3.91	120	P	Pn	07 49 03.9 +1.9
MIAR	Mount Ida	3.91	120	P		07 49 03.9 +1.8
MIAR	Mount Ida	3.91	120	S	Sn	07 49 49.0 +1.0
MIAR	Mount Ida	3.91	120	P		07 49 03.9
Z38A	Mt. Pleasant	3.98	145	Pn	Pn	07 49 04.8 +1.8
Z38A	Mt. Pleasant	3.98	145	P		07 49 04.6 +1.7
Z38A	Mt. Pleasant	3.98	145	P		07 49 04.6
N33B	J Bar K, Exete	4.17	2	P	Pn	07 49 05.8 +0.2
N33B	J Bar K, Exete	4.17	2	S	Sn	07 49 55.2 +0.8
N33B	J Bar K, Exete	4.17	2	P		07 49 05.8
N33B	J Bar K, Exete	4.17	2	S		07 49 55.2
N33A	J Bar K, Exete	4.17	3	IAMB_Lg		07 50 25.1
ABTX	Ablene, Hawle	4.25	203	Pn	Pn	07 49 07.9 +1.2
ABTX	Ablene, Hawle	4.25	203	IAMB_Lg		07 50 19.3
ABTX	Ablene, Hawle	4.25	203	P	Pn	07 49 07.8 +1.1
ABTX	Ablene, Hawle	4.25	203	P		07 49 07.8 +1.1
ABTX	Ablene, Hawle	4.25	203	P		07 49 07.8
MGMO	Mountain Grove	4.39	81	Pn	Pn	07 49 10.4 +1.8
X40A	Basin Creek Fa	4.47	116	IAMB_Lg		07 49 11.4 +1.6
X40A	Basin Creek Fa	4.47	116	P	Pn	07 49 11.3 +1.6
X40A	Basin Creek Fa	4.47	116	P		07 49 11.1 +1.4
X40A	Basin Creek Fa	4.47	116	P		07 49 11.3
X40A	Basin Creek Fa	4.47	116	P		07 49 11.3
P38A	Dawn	4.48	46	Pn	Pn	07 49 10.5 +0.7
P38A	Dawn	4.48	46	P		07 49 11.3 +1.5
P38A	Dawn	4.48	46	P		07 49 11.3
FCAR	Ozark Folk Cen	4.55	97	IAMB_Lg		07 50 38.9
WHTX	Lake Whitney,	4.57	178	Pn	Pn	07 49 12.0 +1.0
WHTX	Lake Whitney,	4.57	178	P		07 49 12.5 +1.5
WHTX	Lake Whitney,	4.57	178	P		07 49 12.4 +1.3
WHTX	Lake Whitney,	4.57	178	S	Sn	07 50 05.0 +0.8
WHTX	Lake Whitney,	4.57	178	P		07 49 12.5
N35A	Tabor	4.58	20	Pn	Pn	07 49 12.5 +1.3
N35A	Tabor	4.58	20	P		07 49 12.5
KSC0	Kaye Shedlock'	4.61	303	Pn	Pn	07 49 13.0 +1.2
KSC0	Kaye Shedlock'	4.61	303	IAMB_Lg		07 50 28.4
KSC0	Kaye Shedlock'	4.61	303	P	Pn	07 49 13.0 +1.2
KSC0	Kaye Shedlock'	4.61	303	P		07 49 12.9 +1.1
KSC0	Kaye Shedlock'	4.61	303	S	Sn	07 50 06.1 +0.6
KSC0	Kaye Shedlock'	4.61	303	P		07 49 13.0
W41B	Gary Mavity, V	4.63	106	P	Pn	07 49 13.2 +1.3
W41B	Gary Mavity, V	4.63	106	P		07 49 12.8 +0.9
W41B	Gary Mavity, V	4.63	106	S	Sn	07 50 06.0 +0.2
W41B	Gary Mavity, V	4.63	106	P		07 49 13.2
R40A	Maddies Statio	4.65	67	IAMB_Lg		07 50 39.7
WLAR	White Oak Lake	4.72	126	IAMB_Lg	Pn	07 49 14.8 +1.6
W27A	Washetta, Mont	4.81	161	IAMB_Lg	Pn	07 49 15.1 +0.7
W27A	Washetta, Mont	4.81	161	P		07 50 47.2
W27A	Washetta, Mont	4.81	161	P	Pn	07 49 15.3 +0.9
W27A	Washetta, Mont	4.81	161	P		07 49 15.3
BGNE	Belgrade	4.85	356	P	Pn	07 49 15.5 +0.6
BGNE	Belgrade	4.85	356	P		07 49 15.5 +0.5

BGNE	Belgrade	4.85	356	P	S	07 50 10.0 -1.2
BGNE	Belgrade	4.85	356	P		07 49 15.5
MSTX	Muleshoe	4.90	240	P	Pn	07 49 17.0 +1.3
MSTX	Muleshoe	4.90	240	S	Sn	07 50 13.4 +0.9
Z41A	Richland Creek	5.20	128	P	Pn	07 49 20.8 +1.2
Z41A	Richland Creek	5.20	128	P		07 49 20.7 +1.0
Z41A	Richland Creek	5.20	128	S	Sn	07 50 18.7 -1.0
Z41A	Richland Creek	5.20	128	P		07 49 20.8
Z41A	Richland Creek	5.20	128	P		07 49 20.8
LCAR	Lake Charles	5.30	93	Pn	Pn	07 49 22.8 +1.7
LCAR	Lake Charles	5.30	93	IAMB_Lg		07 50 53.2
P40A	Paris	5.35	55	IAMB_Lg		07 50 58.6
CCM	Cathedral Cave	5.35	72	IAMB_Lg		07 51 03.4
CCM	Cathedral Cave	5.35	72	P	Pn	07 49 22.1 +0.3
NATX	Nacogoches	5.41	151	IAMB_Lg		07 51 07.2
NATX	Nacogoches	5.41	151	S	Sn	07 50 25.0 0.0
T25A	Trinidad	5.42	278	Pn	Pn	07 49 24.0 +1.0
T25A	Trinidad	5.42	278	IAMB_Lg		07 51 01.3
T25A	Trinidad	5.42	278	P	Pn	07 49 23.8 +0.8
N38A	Joe South For	5.47	38	P	Pn	07 49 24.5 +1.0
N38A	Joe South For	5.47	38	P		07 49 24.5
L34A	Svensden Farm	5.49	10	IAMB_Lg		07 51 10.9
CCAR	Cane Creek	5.52	117	IAMB_Lg		07 51 07.2
OGNE	Ogallala	5.54	324	IAMB_Lg	Pn	07 49 26.4 +2.0
OGNE	Ogallala	5.54	324	P		07 51 06.2
OGNE	Ogallala	5.54	324	P	Pn	07 49 26.0 +1.5
OGNE	Ogallala	5.54	324	P		07 49 25.6 +1.1
OGNE	Ogallala	5.54	324	S	Sn	07 50 28.1 -0.1
OGNE	Ogallala	5.54	324	P		07 49 26.0
435B	Jarrell	5.77	179	IAMB_Lg		07 51 20.0
435B	Jarrell	5.77	179	P	Pn	07 49 28.6 +1.1
435B	Jarrell	5.77	179	P	Pn	07 49 28.5 +1.0
435B	Jarrell	5.77	179	P		07 49 28.6
LPAR	Lepanto	6.06	97	IAMB_Lg		07 51 26.9
K31A	O'Neill	6.11	353	P	Pn	07 49 32.3 +0.1
K31A	O'Neill	6.11	353	P		07 49 33.8 +1.5
K31A	O'Neill	6.11	353	P		07 49 33.8
SLM	Saint Louis	6.27	69	IAMB_Lg		07 51 23.7
JCT	Junction City	6.32	197	IAMB_Lg		07 51 31.7
JCT	Junction City	6.32	197	P	Pn	07 49 35.7 +0.5
JCT	Junction City	6.32	197	P		07 49 35.3 +0.1
JCT	Junction City	6.32	197	P		07 49 35.7
JCT	Junction City	6.32	197	P		07 49 35.7
SDCO	Great Sand Dun	6.35	283	IAMB_Lg	Pn	07 49 37.6 +1.8
SDCO	Great Sand Dun	6.35	283	P		07 51 30.5
SDCO	Great Sand Dun	6.35	283	P	Pn	07 49 37.7 +1.8
SDCO	Great Sand Dun	6.35	283	P		07 49 37.2 +1.4
SDCO	Great Sand Dun	6.35	283	P		07 49 37.7
SCIA	State Center	6.37	32	P	Pn	07 49 36.1 +0.4
Q24A	Divide	6.38	294	P	Pn	07 49 36.4 +0.2
Q24A	Divide	6.38	294	S	Sn	07 50 49.2 -0.1
143A	Soos Landing,	6.46	125	IAMB_Lg		07 51 29.4
143A	Soos Landing,	6.46	125	IAMB_Lg		07 51 35.2
HALT	Halls	6.78	93	IAMB_Lg		07 51 55.8
342A	Flagon Creek P	6.83	138	IAMB_Lg		07 51 40.2
ISCO	Idaho Springs	7.03	300	Pn	Pn	07 49 45.3 +0.2
ISCO	Idaho Springs	7.03	300	IAMB_Lg		07 51 46.5
ISCO	Idaho Springs	7.03	300	P	Pn	07 49 45.9 +0.8
ISCO	Idaho Springs	7.03	300	P		07 49 45.6 +0.4
ISCO	Idaho Springs	7.03	300	P		07 49 45.9
W45A	Hickory Valley	7.05	99	IAMB_Lg		07 51 50.6
OXF	Oxford	7.05	104	Pn	Pn	07 49 45.7 +0.5
OXF	Oxford	7.05	104	IAMB_Lg		07 51 52.8
OXF	Oxford	7.05	104	P	Pn	07 49 45.9 +0.7
OXF	Oxford	7.05	104	P	Pn	07 49 45.7 +0.5
OXF	Oxford	7.05	104	P		07 49 45.9
Y45A	Yeager Farm, C	7.19	110	IAMB_Lg		07 52 05.3
ECS0	EROS Data Cent	7.21	6	Pn	Pn	07 49 47.5 +0.3
ECS0	EROS Data Cent	7.21	6	P	Pn	07 49 47.3 0.0
ANMO	Albuquerque	7.31	260	Pg	Pg	07 50 16.0 -5.8
ANMO	Albuquerque	7.31	260	IAMB_Lg	Lg	07 51 49.3
VBMS	Vicksburg	7.34	124	IAMB_Lg		07 52 12.8
L40A	Anamosa	7.43	40	IAMB_Lg		07 52 02.6
PHWV	Pilot Hill	7.68	310	IAMB_Lg		07 52 15.7
735A	Kenedy	7.69	181	IAMB_Lg		07 52 29.7
HDIL	Hopedale	7.69	56	Pn	Pn	07 49 54.4 +0.5
HDIL	Hopedale	7.69	56	P	Pn	07 49 53.9 0.0
SUSD	Miller	7.93	353	IAMB_Lg		07 52 25.9
SUSD	Miller	7.93	353	P	Pn	07 49 56.9 -0.4
SUSD	Miller	7.93	353	P	Pn	07 49 56.7 -0.5
SUSD	Miller	7.93	353	P		07 49 56.9
Y22D	IRIS PASSCAL I	7.94	254	IAMB_Lg		07 52 37.2
WVT	Waverly	7.97	90	IAMB_Lg		07 52 27.3
WVT	Waverly	7.97	90	P	Pn	07 49 58.9 +1.2
PLAL	Pickwick Lake	7.97	99	IAMB_Lg		07 52 30.9
MNTX	Cornus Mount	8.01	235	Pn	Pn	07 49 59.5 +1.1
MNTX	Cornus Mount	8.01	235	P	Pn	07 49 59.4 +1.0
USIN	University of	8.11	77	IAMB_Lg		07 52 36.3
I37A	Lemond, Waseca	8.13	22	IAMB_Lg		07 52 35.2
L42A	Oliver, Polo	8.26	46	Pn	Pn	07 50 01.8 +0.1
833A	Chaparral WMA,	8.34	190	P		07 50 04.3 +1.4

T47A	Sharon Grove	8.51	84	IAMB_Lg		07 52 37.6
JFWS	Jewell Farm	8.54	40	IAMB_Lg		07 52 37.0
JFWS	Jewell Farm	8.54	40	P	Pn	07 50 05.9 +0.3
JFWS	Jewell Farm	8.54	40	P	Pn	07 50 05.8 +0.2
JFWS	Jewell Farm	8.54	40	P		07 50 05.9
Z47A	Carrollton	8.59	110	IAMB_Lg		07 52 4

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other details. Includes stations like JCT, HPT, 061Z, AZU, UPA, 344A, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other details. Includes stations like OK025, LPAR, BCOK, FPAL, TUL1, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other details. Includes stations like ROSE, EI Rosal, ROSE, etc.

SMCO	Snowmass	25.79	336	I	Amb	09 19 12.5
SCIA	State Center	25.79	1	I	Amb	09 19 08.5
SCIA	State Center	25.79	1	P		09 18 42.8 -1.0
PDMCI	Parker Dam, Lak	25.79	319	P		09 18 46.4 +2.4
PV03	Paradox Valley	25.80	332	I	Amb	09 18 47.9
PV18	Skein Mesa, Pa	25.82	332	I	Amb	09 18 48.0
ISCO	Idaho Springs	25.83	339	P		09 18 46.1 +1.5
OGNE	Ogallala	25.83	346	I	Amb	09 19 11.7
OGNE	Ogallala	25.83	346	P		09 18 45.3 +1.0
PV07	Paradox Valley	25.86	333	I	Amb	09 18 48.7
PV16	Nyswonger Mesa	25.88	332	I	Amb	09 18 48.6
ACSO	Alum Creek Sta	25.89	19	I	Amb	09 19 10.3
ACSO	Alum Creek Sta	25.89	19	P		09 18 43.5 -1.2
PV19	Morning Glory	25.91	332	I	Amb	09 18 48.7
PV20	West Nyswonger	25.92	332	I	Amb	09 18 48.9
AOPR	Arcibolo Obsv	25.93	81	eP		09 18 39.3 -6.2
L34A	Svensden Farm	25.94	356	I	Amb	09 19 10.3
PV14	Lion Creek, Pa	25.98	332	I	Amb	09 18 49.4
PV10	Paradox Valley	25.98	332	I	Amb	09 18 48.8
L40A	Anamosa	26.04	4	I	Amb	09 19 10.7
SWSC	Sam W. Stewart	26.07	314	P		09 18 48.8 +2.3
PV21	Cone Mtn., Par	26.11	332	I	Amb	09 18 50.6
IKP	In-Ko-Pah, Jac	26.12	313	P		09 18 49.7 +2.7
L42A	Oliver, Pa	26.13	7	I	Amb	09 19 14.4
N49A	Columbus Grove	26.17	17	I	Amb	09 19 12.8
IRM	Iron Mountain	26.35	317	P		09 18 51.5 +2.5
NEE2	Needles Airpor	26.39	319	P		09 18 51.9 +2.5
MONP2	Monument Peak	26.47	313	P		09 18 52.5 +2.2
O53A	New Philadelph	26.50	22	I	Amb	09 19 14.3
O53A	New Philadelph	26.50	22	P		09 18 49.7 -0.5
SJG	San Juan	26.51	82	P		09 18 46.6 -3.9
SJG	comp-Z, 15nm, 0.4s, baz=289, slow=6.8, SNR=6.9			pP		09 19 11.7 -2.3
SJG	comp-Z, 84nm, 1.0s, baz=278, slow=7.6, SNR=7.0			LR		
SJG	comp-Z, 861nm, 20.4s, baz=250, slow=38			LR		
SJG	San Juan	26.51	82	P		09 18 47.2 -3.3
K38A	Parkersburg	26.54	2	I	Amb	09 19 15.0
L44A	Lake County Fo	26.55	10	I	Amb	09 19 17.2
L44A	Lake County Fo	26.55	10	P		09 18 49.0 -1.6
L46A	Cue Claire	26.59	13	I	Amb	09 19 14.8
O54A	Avella	26.75	23	I	Amb	09 19 16.4
BELC	Belle Mt Jos	26.82	316	P		09 18 55.9 +2.5
TPFO	Pinon Flats	26.90	315	P		09 18 56.7 +2.6
PFO	Pinon Flats O	26.90	315	P		09 18 55.9 +1.8
MFLC	Cue Claire	26.91	13	pP		09 19 15.9 +2.1
PFO	comp-Z, 56nm, 1.1s, baz=101, slow=5.9, SNR=5.0			PcP		09 22 15.1 +1.3
PFO	comp-Z, 12nm, 1.0s, baz=107, slow=5.1, SNR=3.7			LR		09 30 07.6
PFO	comp-Z, 3um, 19.6s, baz=138, slow=37			LR		
PFO	Pinon Flats O	26.91	315	P		09 18 56.1 +2.0
PFO	Pinon Flats O	26.91	315	P		09 18 56.8 +2.6
109C	Camp Elliot, M	26.95	313	P		09 18 56.5 +2.1
JFW5	Jewell Farm	26.96	6	P		09 18 53.0 -1.3
L48A	W Adams	27.05	15	I	Amb	09 19 18.4
GMRC	Granite Mounta	27.07	318	P		09 18 57.9 +2.4
O20A	White River O	27.11	335	P		09 18 58.0 +2.0
SRU	San Rafael We	27.26	331	I	Amb	09 19 00.8
MURC	Murrieta	27.40	314	P		09 19 01.0 +2.5
HEC	Hector, Ludlow	27.45	317	P		09 19 02.4 +2.7
N54A	Moraine State	27.57	23	P		09 18 59.2 -0.7
BBRC	Big Bear Solar	27.59	315	P		09 19 03.1 +2.7
AAH	Ann Arbor	27.59	16	P		09 18 59.0 -1.0
ATAH	Atahualpa	27.61	145	P		09 19 04.1 +3.2
ATAH	comp-Z, 31nm, 1.1s, baz=331, slow=5.5, SNR=11			PcP		09 22 18.4 +2.3
MVU	Marysville	27.62	328	I	Amb	09 19 03.8
TUQ	Turquoise Moun	27.64	318	P		09 19 03.2 +2.5
P17A	Butcher Ranch,	27.65	331	I	Amb	09 19 04.3
ECSD	EROS Data Cent	27.72	356	P		09 19 00.1 -1.0
M53A	Wi Miller and	27.74	22	P		09 19 00.8 -0.6
RRX	Edison Barstow	28.00	316	P		09 19 06.2 +2.5
RDMU	Red Mountain	28.02	334	I	Amb	09 19 07.2
SC12	San Clemente I	28.03	312	P		09 19 06.2 +2.2
RWW1	Rawlins	28.06	338	I	Amb	09 19 09.1
BFSC	Mount Ivy Ra	28.08	315	P		09 19 06.8 +2.1
GSC	Goldstone, Bar	28.13	317	P		09 19 07.5 +2.5
SSA	Standing Stone	28.14	26	P		09 19 04.5 -0.4
CISP	Catalina Islan	28.15	312	P		09 19 07.4 +2.3
SHOC	Shoshone, Teco	28.16	319	P		09 19 07.2 +2.1
M54A	Oil Creek Stat	28.17	23	P		09 19 05.0 -0.2
FMP	Fort Macarthur	28.23	313	P		09 19 08.3 +2.5
K50A	Casco	28.28	18	I	Amb	09 19 29.5
MWC	Mount Wilson	28.35	314	I	Amb	09 19 11.0
PASC	comp-Z, 233nm, 1.4s	28.41	314	I	Amb	09 19 11.4
MPU	Maple Canyon	28.50	330	I	Amb	09 19 11.9
P60A	Greenville	28.50	30	P		09 19 07.8 -0.3
DEC0	Green Verdugo	28.55	314	P		09 19 11.3 +2.6
ERPA	Erie	28.58	22	P		09 19 07.5 -1.3
SUSD	Miller	28.66	352	P		09 19 09.0 -0.4
EDW2	Edwards Air Fo	28.67	315	P		09 19 11.9 +2.1
K22A	Casper	28.68	340	P		09 19 11.2 +1.3

TPNV	Topopah Spring	28.81	321	P		09 19 14.3 +3.2
LRMC	Laurel Mtn Rad	28.81	317	P		09 19 13.5 +2.5
SNCC	San Nicolas Is	28.87	311	P		09 19 13.8 +2.3
FURC	Furnace Creek,	28.88	319	P		09 19 14.1 +2.7
PCRV	Puerto La Cruz	28.98	98	P		09 19 10.0 -2.7
OSI	Osito Audit: C	29.02	314	P		09 19 15.3 +2.4
CTU	Car Tracy	29.09	331	I	Amb	09 19 17.1
SPR3	Spring Creek 3	29.11	326	I	Amb	09 19 17.2
SPMM	Marine on St.	29.11	1	I	Amb	09 19 40.1
SPMM	Marine on St.	29.11	1	P		09 19 12.4 -1.1
N59A	State Game Lan	29.31	29	P		09 19 15.3 0.0
RSSD	Black Hills	29.32	345	P		09 19 16.6 +1.0
RSSD	Black Hills	29.32	345	P		09 19 16.6 +1.0
SC2Z	Santa Cruz Isl	29.33	312	P		09 19 17.6 +2.1
R11A	Trot Canyon, C	29.35	323	P		09 19 18.7 +2.8
ARVC	Arvin	29.38	315	P		09 19 18.7 +2.8
ISA	Isabella, Lake	29.44	316	P		09 19 19.1 +2.5
GRAC	Grapevine Rang	29.53	320	P		09 19 20.6 +3.2
CWC	Cottonwood Cre	29.64	318	P		09 19 21.0 +2.5
HWUT	Hardware Ranch	29.74	333	I	Amb	09 19 22.6
BW06	Boulder Arroy	29.87	336	P		09 19 21.4 +0.9
PDAR	Pinedera Arroy	29.87	336	P		09 19 21.4 +1.0
PDAR	comp-Z, 29nm, 0.8s, baz=143, slow=5.2, SNR=14			PcP		09 22 21.1 0.0
PDAR	comp-Z, 2.0nm, 0.8s, baz=102, slow=5.0, SNR=4.7			PKiKp		09 29 52.4 -1.1
PDAR	comp-Z, 1um, 18.4s, baz=158, slow=4.3			PcP		09 51 18.1
MMNY	Mt. Morris Dam	29.89	24	I	Amb	09 19 44.2
PKM	Mpherson Peak	29.92	314	P		09 19 23.5 +2.5
VES	Vestal, Richgr	29.95	316	P		09 19 24.1 +3.1
K56A	Middlesex	30.09	25	P		09 19 21.6 -0.6
TIN	Tinena, Big	30.11	319	P		09 19 25.7 +3.2
PAL	Palisades	30.26	31	P		09 19 22.1 -1.6
SMG	Simmler	30.28	314	P		09 19 26.9 +3.0
VOG	Valley Oaks Go	30.42	316	P		09 19 27.5 +2.3
HVU	Hanse Valley	30.42	331	I	Amb	09 19 28.9
AHD	Auburn Hatcher	30.48	334	I	Amb	09 19 29.8
E38A	The Farm, Brul	30.54	3	I	Amb	09 19 50.4
BPA	Boggy Bend	30.62	84	eP		09 19 22.4 -4.8
ANOC	Antigua Open C	30.64	83	eP		09 19 21.6 -5.7
ANWB	Willy Bob	30.67	82	eP		09 19 14.9 -1.3
ANBC	Bethesda, Anti	30.71	84	eP		09 19 22.8 -5.1
MLAD	Mammoth, Mammo	30.74	819	P		09 19 32.1 +3.0
ELK	Elko	30.85	327	P		09 19 31.8 +2.7
ELK	comp-Z, 20nm, 0.9s, baz=139, slow=6.8, SNR=188			PcP		09 22 25.1 +1.3
ELK	comp-Z, 28nm, 0.9s, baz=163, slow=2.5, SNR=12			LR		09 31 58.1
TDBA	Terre de Bas,	30.91	86	eP		09 19 22.9 -6.8
E28A	Huff	30.99	51	I	Amb	09 19 32.6
BBSR	BB Station	31.00	53	P		09 19 29.6 -0.6
NVAR	Mina Array Bea	31.01	321	P		09 19 33.8 +3.2
NVAR	comp-Z, 25nm, 0.9s, baz=136, slow=8.7, SNR=1229			pP		09 19 57.2 +2.9
NVAR	comp-Z, 6.2nm, 0.5s, baz=200, slow=31, SNR=1.7			PcP		09 22 25.6 +1.4
NVAR	comp-Z, 2.7nm, 0.8s, baz=134, slow=3.5, SNR=8.7			PKiKp		09 29 55.3 +0.9
NVAR	comp-Z, 1.0nm, 0.9s, baz=207, slow=2.2, SNR=4.1			LR		09 33 45.1
NVAR	comp-Z, 1um, 21.4s, baz=139, slow=39			PcP		09 51 15.1
ABD	La Joyeuse, An	31.01	85	eP		09 19 23.9 -6.6
TBTG	Tabatinga, Am	31.02	128	I	Amb	09 19 30.3 -0.3
D32A	Dogwood Ave,	31.13	356	I	Amb	09 19 34.0
SADO	Sadova	31.21	20	P		09 19 30.1 -1.9
SADO	comp-Z, 6.7nm, 0.6s, baz=243, slow=10.0, SNR=6.5			pP		09 19 54.3 -1.4
SADO	comp-Z, 166nm, 1.0s, baz=229, slow=6.8, SNR=32			sP		09 20 06.8 -1.3
SADO	comp-Z, 134nm, 1.0s, baz=236, slow=10, SNR=10			I	Amb	09 19 55.3
IMW	Indian Meadow	31.36	336	I	Amb	09 19 37.5
FLWY	Flagg Ranch	31.42	336	I	Amb	09 19 37.4
H05N	comp-Z, 158nm, 0.9s	31.43	85	P		09 19 30.2 -4.1
DELO	Deloro Mine	31.52	22	I	Amb	09 19 58.3
H17A	Grant Village	31.64	337	I	Amb	09 19 41.7
H17A	Grant Village	31.64	337	P		09 19 38.2 +2.2
YMB	Saint Lucia, B	31.75	89	eP		09 19 46.8 +1.0
SMP	Mirror Lake PJ	31.78	338	I	Amb	09 19 60.0
RLMT	Red Lodge	31.79	339	P		09 19 38.6 +1.3
I57A	Carthage	31.80	25	P		09 19 37.8 +0.6
K61A	Williamstown	31.84	29	P		09 19 37.3 -0.3
EYMN	Ely	31.88	3	P		09 19 36.1 -1.8
I58A	Old Forge	31.88	26	P		09 19 37.0 -1.0
YNR	Norris Junctio	31.95	337	I	Amb	09 19 42.4
SAO	San Andreas Ge	32.05	315	I	Amb	09 19 43.0
L63A	North Scituate	32.05	32	P		09 19 40.0 +0.6
CMB	Columbia Colle	32.07	318	I	Amb	09 19 43.3
YHH	Holmes Hill	32.08	337	I	Amb	09 19 43.6
MDND	Maddock	32.09	353	I	Amb	09 19 41.2
MDND	Maddock	32.09	353	P		09 19 39.6 -0.1
PNTR	Pine Nut	32.21	321	I	Amb	09 19 44.9
AGMN	Agassiz Nation	32.22	357	P		09 19 39.8 -1.0
B35A	Bob, Littlefor	32.24	0	I	Amb	09 20 08.1
LAO	Lasara Array	32.27	344	I	Amb	09 19 43.4
LAO	Lasara Array	32.27	344	P		09 19 41.9 +0.6

H57A	Richville	32.34	25	P		09 19 41.4 -0.5
L64A	Middleborough	32.51	33	P		09 19 43.3 0.0
NNA	Nana	32.51	148	LR		09 31 12.0
NNA	Nana	32.51	148	eP		09 19 46.2 +2.5
NNA	Nana	32.51	148	pmax		
NNA	Nana	32.51	148	P		09 19 44.7 +1.0
HLID	Hailey	32.57	332	I	Amb	09 19 47.5
HLID	Hailey	32.57	332	P		09 19 46.2 +2.1
LONY	Lake Ozonia	32.80	2			

O19K	Port Alsworth	61.70 330	P	P	09 23 30.1 +0.7
H23K	Yukon River	61.77 337	P	P	09 23 30.8 +0.9
ANGG	Ammassalik, Gr	61.84 23	eP	IAMB	09 23 34.5 +4.2
ANGG					09 23 36.1
ANGG					09 23 52.9
NBIT	Itapeh - BA	61.88 117	eP	P	09 23 31.8 +0.3
TER01	Tubaro-SC	61.88 135	eP	P	09 23 31.8 +0.3
MLY	Manley	61.89 336	P	P	09 23 31.8 +1.0
ESAR	Angra dos Reis	61.95 128	eP	P	09 23 32.7 +1.0
N19K	Bonanza Creek	61.97 331	P	P	09 23 32.4 +1.0
CMC01	Camacan, BA	62.01 117	eP	P	09 23 32.0 -0.3
O18K	Koktuh Hills	62.02 330	eP	P	09 23 32.5 +0.8
NBPV	Pedro Velho	62.05 106	eP	P	09 23 31.0 -1.6
CHUM	Lake Minchum	62.07 335	P	P	09 23 32.3 +0.4
SJMB	Sao Joao De Ma	62.23 122	eP	P	09 23 33.3 -0.4
M19K	Big River Lodg	62.27 332	P	P	09 23 34.6 +1.2
VAS01	Vassouras-RJ	62.30 126	eP	P	09 23 34.5 +0.4
GU01	Guarapiranga, BA	62.34 119	eP	P	09 23 33.9 -0.6
NBAN	Anadia - AL	62.40 110	eP	P	09 23 32.8 -2.1
I21K	Tanana	62.43 336	P	P	09 23 35.1 +0.8
L19K	White Mountain	62.57 332	P	P	09 23 36.1 +0.8
BSFB	Barra de Sao F	62.57 122	eP	P	09 23 35.4 -0.6
N18K	Kilae Creek	62.58 331	P	P	09 23 36.3 +0.9
K20K	Telida	62.61 334	P	P	09 23 36.3 +0.8
COLD	Coldfoot	62.62 339	IAMB	IAMB	09 23 38.0
COLD	Coldfoot	62.62 339	P	P	09 23 37.3 +1.8
NANO1	Guarapari, ES	62.68 120	eP	P	09 23 36.0 -0.7
ICESG	Greenland Ices	62.72 19	eP	P	09 23 37.4 +0.8
ICESG					09 23 41.9
ICESG					09 24 00.6
J20K	Nowinta River	62.93 335	P	P	09 23 38.3 +0.7
DUB01	Friburgo-RJ	63.03 126	eP	P	09 23 39.7 +0.7
TOLK	Toolk Lake Re	63.03 340	IAMB	IAMB	09 23 40.8
TOLK	Toolk Lake Re	63.03 340	P	P	09 23 39.6 +1.3
NBRF	Rio Formoso -	63.05 109	eP	P	09 23 38.0 -1.3
CNBA	Chernabura Isl	63.12 324	IAMB	IAMB	09 23 40.5
CHNA	Chernabura Isl	63.13 324	P	P	09 23 39.7 +0.6
MEH	Mehetia	63.18 240	eP	P	09 23 41.8 +1.7
RIB01	Linhares ES	63.18 122	eP	P	09 23 39.1 -1.0
TTA	Tatalina	63.31 333	P	P	09 23 40.7 +0.5
CAM01	Campos-RJ	63.46 125	eP	P	09 23 42.0 +0.2
ALF01	Guarapari-ES	63.57 123	eP	P	09 23 42.1 -0.4
SDPT	Sand Point	63.72 324	P	P	09 23 43.8 +0.8
TIAR	Tiarei	64.10 241	eP	P	09 23 47.9 +1.8
TIAR					09 24 15.3 +3.0
TIAR					10 32 12.0
XMAS	Kiritimati	64.13 264	P	P	09 23 48.0 +1.6
XMAS	Kiritimati	64.13 264	P	P	09 23 48.3 +1.9
EUUN	Eureka	64.15 1	IAMB	IAMB	09 23 47.0
GSNA	Galena City Sc	64.23 335	P	P	09 23 45.6 -0.6
PPT2	Papeete2	64.31 241	eP	P	09 23 49.4 +1.8
PPT2	Papeete2	64.31 241	eLR	LR	09 42 53.4
PAE	Paea	64.35 241	eP	P	09 23 49.5 +1.8
PAE					09 24 17.0 +3.1
COYC	Coyhaique	64.40 163	P	P	09 23 48.8 +1.4
SUMG	Summit	64.76 16	iP	IAMB	09 23 49.6 -0.4
SUMG					09 24 15.1
SUMG					09 23 49.6 -0.4
SUMG					09 24 15.1
SUMG					09 23 49.8 -0.2
SUMG					09 23 51.0 -0.5
NEEM	North Greenland	65.02 9	iP	IAMB	09 23 53.1
NEEM					09 24 15.7
FALS	False Pass	65.32 323	P	P	09 23 53.9 +0.5
A21K	Barrow	66.34 342	P	P	09 24 00.3 +0.6
UNVK	Unalaska Valle	67.01 322	P	P	09 24 04.8 +0.6
TBI	Tubuai	67.02 236	eLQ	LQ	09 41 30.0
TBI					09 44 22.3
TBI					10 36 03.4
RDOG	Red Dog Mine	67.47 338	IAMB	IAMB	09 24 35.4
RDOG					09 24 08.8 +1.9
ANM	Nome	67.74 334	IAMB	IAMB	09 24 36.6
ANM					09 24 09.5 +0.9
NIKH	Nikolski High	68.37 321	P	P	09 24 13.3 +0.4
SCO	Scoresbysund	68.95 20	eP	P	09 24 20.8 +4.7
SCO					09 24 41.0 +1.3
TNA	Tin City	68.96 335	IAMB	IAMB	09 24 44.3
TNA					09 24 17.7 +1.5
SPIA	Saint Paul Isl	69.33 326	P	P	09 24 19.4 +0.8
DBG	Daneborg	70.24 16	eP	IAMB	09 24 23.7 -0.3
DBG					09 24 24.7
PMOZ	Porto Moniz, M	70.39 60	eLR	LR	09 24 49.2
GAMB	Gambell	70.40 333	IAMB	IAMB	09 24 53.4
GAMB					09 24 26.3 +1.2
DAG	Danmarks Havn	71.11 14	iP	IAMB	09 24 29.1 -0.1
DAG					09 24 52.8
NOR	Nord	72.36 9	iP	IAMB	09 24 36.7 +0.1
NOR					09 25 01.7
NOR					09 25 01.7
NOR					09 24 42.3 +0.3
ADK	Adak	73.19 320	P	P	09 24 42.3 +0.3
ADK					09 24 49.6 +1.5
ADK					09 24 52.8 +2.4
RAR	Rarotonga	74.54 242	P	P	09 24 52.8 +2.4
RAR					09 24 53.4

RAR	Rarotonga	74.54 242	P	P	09 24 52.8 +2.4
RAR					09 24 53.4
PGAV	Gaveira, Arco	74.54 242	P	LQ	09 24 53.6 +3.2
PGAV					09 45 12.1
PGAV					09 48 49.5
PMTG	Montargil	76.70 53	eP	P	09 25 01.1 -1.4
MTE	Manteigas	76.99 51	eS	S	09 24 46.2 +1.9
MTE	Manteigas	76.99 51	eLQ	LQ	09 45 15.4
MTE					09 49 17.9
MIDW	Midway	77.05 296	P	IAMB	09 25 04.9 +0.3
MIDW					09 25 06.4
MVO	Moncorvo	77.24 51	eP	P	09 25 10.7 +5.1
MVO					09 34 40.8 -6.2
MVO					09 45 50.4
MVO					09 49 17.3
PMRV	Marv???	77.28 52	eP	P	09 25 06.5 +0.7
PMRV					09 34 46.9 -0.4
PMRV					09 48 31.6
EKA	Eskalearmir Ar	77.35 36	eP	P	09 25 04.7 -1.1
EKA					09 25 32.1 -1.0
KBS	Kingsbay	77.36 11	iP	IAMB	09 25 07.3 +1.9
KBS					09 25 07.7
KBS					09 25 33.7
KBS					09 25 07.1 +1.6
KBS					09 25 06.7 +1.2
KBS					09 25 07.0 +1.6
PVAQ	Vaqueiros	77.39 54	eS	LQ	09 34 42.7 -5.9
PVAQ					09 41 13.9
PVAQ					09 49 48.8
PBAR	Barrancos	77.78 54	eP	P	09 25 09.3 +0.8
SPA0	Spartanbergen Ar	78.45 11	eP	IAMB	09 25 12.4 +0.9
SPAA	Shemya	78.67 322	IAMB	IAMB	09 25 14.6
BILL	Bilibino	78.93 338	eP	P	09 25 15.0 +0.7
BILL					09 25 24.0
BILL					09 25 43.0 +1.4
BILL					09 25 51.0 -2.1
BILL					09 34 58.4 -5.6
BILL					09 35 43.0 +5.4
KNTN	Kanton	79.17 264	P	IAMB	09 25 18.2 +1.6
KNTN					09 25 19.7
ESDC	Sonsec Array	79.83 52	P	P	09 25 18.0 -1.9
ESDC					09 44 06.4 +0.5
ESDC					09 55 10.6
BJ01	Bjornoya	80.56 15	eP	P	09 25 24.1 +1.2
BER	Berd	80.66 30	eP	P	09 25 23.6 -0.1
MDT	Midelt	80.83 59	P	P	09 25 23.6 -1.8
HOPEN	Hopen	80.91 12	eP	P	09 25 25.6 +0.8
AKN	Akron	80.95 28	eP	P	09 25 25.6 +0.8
MOL	Molde	81.05 27	eP	P	09 25 25.6 -0.2
N2RO	R st	81.26 22	eP	P	09 25 27.4 +0.6
N2VA	V r y	81.42 22	eP	P	09 25 28.4 +0.8
N2SV	S r vgen	81.45 21	eP	P	09 25 28.5 +0.7
LOF	Lofoten	81.54 21	eP	P	09 25 28.7 +0.5
DOMB	Dombas	81.89 28	eP	P	09 25 30.2 +0.9
NB40	Tonnes	81.95 23	eP	P	09 25 30.6 +0.1
SKAR	Skarslia	81.97 29	eP	P	09 25 31.0 +0.2
KONS	Konsvik	82.00 23	eP	P	09 25 31.5 +0.8
STOK	Stokkvaagen	82.02 23	eP	P	09 25 31.3 +0.4
STEI	Steigen	82.21 21	eP	P	09 25 32.4 +0.7
NSS	Narvik	82.27 25	eP	P	09 25 33.0 +0.8
N2TV	Tyrnviik	82.31 21	eP	P	09 25 32.9 +0.6
N2IH	Innhavet	82.44 21	eP	P	09 25 33.7 +0.8
FAUS	Fauske	82.45 22	eP	P	09 25 33.9 +0.9
N2ST	Stratroy	82.57 22	eP	P	09 25 34.2 +0.6
AFI	Afhamu	82.59 253	P	P	09 25 37.5 +2.7
AFI					09 53 22.7
MOR8	Moi Rana	82.62 23	eP	P	09 25 35.0 +1.0
TRIO	Troms	82.70 19	eP	P	09 25 35.1 +1.0
SNF	Senefte	82.83 40	eP	P	09 25 37.4 +0.4
SNF					09 26 03.4 +0.4
KONO	Kongsberg	82.92 30	eP	P	09 25 37.6 +2.0
KONO					09 25 35.0 +1.0
KONO					09 25 36.9 +1.2
NOA01	NORSAR Array S	83.11 28	IAMB	IAMB	09 26 05.3
DOU	Dourbes	83.14 40	dx	x	09 25 36.6 -0.4
DOU					09 26 29.6
BMRD	Maredsous	83.18 40	dx	x	09 25 35.8 -1.4
BMRD					09 26 04.8 -0.1
NB2	NORSAR Subarra	83.19 28	P	P	09 25 37.7 +0.6
NB2					09 25 37.7 +0.6
NOA	NORSAR Array B	83.19 28	P	P	09 25 37.2 +0.1
NOA					09 26 04.8 +0.1
NOA					10 00 18.2
JETT	Jetty	83.20 19	eP	P	09 25 39.4 +2.5
NB201	NORSAR Array S	83.23 28	IAMB	IAMB	09 26 05.9
BGES	Gesves	83.36 40	dx	dx	09 25 38.2 +0.1
BGES					09 26 06.1 +0.3
OSL	Oslo	83.36 29	dx	dx	09 25 38.1 +0.3
NC405	NORSAR Array S	83.40 28	IAMB	IAMB	09 26 05.8
NC602	NORSAR Array S	83.45 28	eP	P	09 25 39.0 +0.6
NC602					09 26 07.3
BSTI	Sart Tilman	83.59 39	dx	dx	09 25 40.7 +1.5
BSTI					09 26 06.3 -0.7
HAMF	Hammerfest	83.64 17	eP	P	09 25 39.8 +0.7
PMSA	Palmer Station	83.70 168	LR	LR	09 54 11.1
MEM	Membach	83.85 39	dx	dx	09 25 38.8 -1.8
MEM					09 26 05.9 -2.4
BHOU	Houvezeg	83.92 39	dx	dx	09 25 41.8 +0.8
BTNL	Ternel	83.93 39	dx	dx	09 25 41.8 +0.8
WLF	Walferdange	84.23 40	dx	dx	09 25 44.0 +1.5
WLF					09 25 43.1 +0.5
KTK1	Kautokino	84.35 19	P	P	09 25 43.3 +0.5
BUG	Bochum-Union	84.35 38	eP	P	09 25 43.7 +0.6
IBBN	Ibbenburen	84.37 37	eP	P	09 25 43.8 +0.7
HRS	Had Neuenahr-A	84.52 39	eP	P	09 25 44.8 +0.8
AHWF	Hagfors	84.67 29	P	P	09 25 44.6 +0.1
HFS					09 26 10.9 -1.4
ARAO	ARCES Array S	84.76 18	eP	P	09 25 45.1 +0.3
ARCES	ARCES Array B	84.76 18	IAMB	IAMB	09 25 45.1 +0.2
ARCES					09 26 11.1 -1.4
ARCES					09 26 12.6
KEV	Kevo	85.08 17	P	P	09 25 46.4 0.0
KEV					09 25 46.4 0.0
KEV					09 25 46.4 0.0
KEV					09 25 47.7 +0.7

BSEG	Bad Segeberg	85.26 35	eP	P	09 25 48.7 +1.2
HOPE	Hope Point	85.29 150	P	P	09 25 48.7 +1.2
HOPE					09 25 49.6
HOPE					09 25 48.7 +1.2
HOPE					09 25 49.6
TNS	Taurus Mts	85.45 39	eP		

5d 9h

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like Nanjing, Lobatse, Mbarara, etc.

2015 AUG

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like Waikabubak, SRDT, NWAOW, etc.

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Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like Te Karaka, Matawai, Urewera, etc.

NWAO	Narogin (SRO)	60.76 244	LR	LR	09 59 36.6
NWAO	Narogin (SRO)	60.76 244	P	P	09 34 16.2 -3.0
NWAO	comp=Z,43nm,1.2s		Pmax	Pmax	
NWAO	Narogin (SRO)	60.76 244	P	P	09 34 16.2 -3.0
GIRL	Giralia	65.44 254	P	P	09 34 46.8 -3.6
QSPA	South Pole Qui	68.05 180	LR	LR	10 00 47.8
QSPA	comp=Z,398nm,19.9s	baz=39,slow=32	P	P	09 35 03.9 -2.6
JYT	Yasato	72.14 323	P	P	09 35 33.9 +2.2
AMKA	Amchitka	73.29 356	P	P	09 35 37.2 -0.9
MJAR	Matsushiro Arr	73.49 322	P	P	09 35 40.8 +1.1
MJAR	Matsushiro Arr	73.49 322	P	P	09 35 37.5 -2.2
MJAR	comp=Z,3.0nm,0.8s		Pmax	Pmax	
MJAR	Matsushiro Arr	73.49 322	P	P	09 35 37.5 -2.2
MAJO	Matsushiro	73.49 322	eP	Pmax	09 35 42.7 +3.0
MAJO	comp=Z,5.0nm,0.9s		Pmax	Pmax	
MAT	Matsushiro	73.49 322	P	P	09 35 40.9 +1.2
KIWB	Kanaga Island	73.60 358	P	P	09 35 37.4 -2.6
ADK	Adak	73.61 351	P	P	09 35 37.6 -2.4
YUK	Yuzh-Kuril'sk	75.17 338	P	P	09 35 48.1 -2.9
JHS	Saijyo	75.50 318	eP	Iamb	09 36 13.6
JHS	comp=Z,21nm,1.1s		Iamb	Iamb	
ASAJ	Asahikawa	76.73 330	P	P	09 36 02.4 +4.2
SAO	San Andreas Ge	76.85 41	P	P	09 35 56.7 -2.4
SAO	comp=Z,17nm,1.0s		Iamb	Iamb	09 36 18.0
PAGB	Antelope Grade	76.93 43	P	Iamb	09 35 55.5 -4.1
PAGB	comp=Z,12nm,0.9s		Iamb	Iamb	09 36 22.8
PASC	Pasadena Art C	77.28 45	P	P	09 35 58.3 -3.3
PASC	comp=Z,15nm,1.2s		Iamb	Iamb	09 36 24.1
NACB	Ninganchiao	77.37 303	P	P	09 35 58.9 -3.3
NACB	comp=Z,17nm,0.7s		Iamb	Iamb	09 36 05.5
GDXM	Geysers	77.39 39	P	P	09 35 59.2 -3.0
SRIG	Santa Rosalia	77.51 54	P	Iamb	09 36 00.6 -2.4
SRIG	comp=Z,20nm,0.8s		Iamb	Iamb	09 36 26.0
MONP2	Monument Peak	77.68 47	P	P	09 36 11.3 +7.1
VES	Vestal, Richgr	77.73 43	P	P	09 36 12.1 +8.0
IKP	In-Ko-Pah, Jac	77.75 47	P	P	09 36 13.1 +8.7
EDW2	Edwards Air Fo	77.84 44	P	P	09 36 12.0 +7.3
ISA	Isabella, Lake	78.01 44	P	Iamb	09 36 03.2 -2.5
ISA	comp=Z,11nm,0.9s		Iamb	Iamb	09 36 14.0 +8.3
ISA	Isabella, Lake	78.01 44	P	P	09 36 14.0 +8.3
PFO	Pinyon Flats O	78.09 46	P	P	09 36 13.8 +7.5
TPFO	Pinon Flats	78.09 46	P	P	09 36 14.8 +8.6
002D	Mt. Diablo Mer	78.31 38	P	P	09 36 15.0 +7.7
CMB	Columbia Colle	78.31 41	P	P	09 36 04.8 -2.4
AFDM	Forest Hills D	78.55 40	P	P	09 36 06.5 -2.1
BELC	Belle Mtn. Jos	78.62 46	P	P	09 36 17.8 +8.5
ORV	Oroville	78.64 39	P	P	09 36 07.5 -1.5
PEAOB	Petropavlovsk-	78.66 343	P	P	09 36 05.8 -3.0
PETK	Petropavlovsk-	78.66 343	P	P	09 36 12.2 +3.5
PETK	comp=Z,1.6nm,0.9s	baz=147,slow=8,SNR=17	P	P	
PETK	Petropavlovsk-	78.66 343	P	P	09 36 06.2 -2.5
WDC	Whiskeytown Da	78.72 38	P	Iamb	09 36 15.8 +6.4
WDC	comp=Z,18nm,1.1s		Iamb	Iamb	09 36 28.9
CWC	Cottonwood Cre	78.74 43	P	P	09 36 17.9 +8.1
YSS	Yuzh-Sakhalins	78.82 332	eP	Pmax	09 36 13.7 +4.0
YSS	comp=Z,300nm,5.0s		Pmax	Pmax	
YSS	Yuzh-Sakhalins	78.82 332	P	P	09 36 06.3 -3.5
MDPB	Devils Postpil	78.86 42	P	Iamb	09 36 08.8 -1.8
MDPB	comp=Z,16nm,0.9s		Iamb	Iamb	09 36 28.8
GSC	Goldstone, Ba	78.87 45	P	P	09 36 19.4 +8.9
N02D	Trinity Center	78.89 37	P	P	09 36 18.8 +8.4
HEC	Hector,Ludlow	78.89 45	P	P	09 36 18.1 +7.5
003E	Paynes Creek	78.95 38	P	P	09 36 19.5 +8.7
M02C	Callahan	79.09 37	P	P	09 36 19.5 +8.0
L02E	Cave Junction	79.19 36	P	P	09 36 18.3 +6.3
IRM	Iron Mountain	79.29 46	P	P	09 36 19.2 +6.5
GMRC	Granite Mounta	79.31 46	P	P	09 36 19.3 +6.4
YBH	Yreka Blue Hor	79.40 37	P	P	09 36 20.3 +7.1
YBH	comp=Z,1.8nm,0.9s	baz=279,slow=3.7,SNR=14	P	P	
YBH	Yreka Blue Hor	79.40 37	P	Iamb	09 36 20.9 -3.3
YBH	comp=Z,14nm,0.9s		Iamb	Iamb	09 36 36.2
F02D	Williamette Mer	79.53 35	P	P	09 36 20.4 +6.5
KURC	Furnace Creek,	79.53 44	P	P	09 36 21.8 +7.9
GRAC	Grapevine Rang	79.53 43	P	P	09 36 20.4 +6.4
214A	Organ Pipe Nat	79.64 49	P	P	09 36 22.6 +7.9
N01E	Myrtle Point	79.70 35	P	P	09 36 20.6 +5.9
JVAR	Mina Array Bea	79.83 41	P	P	09 36 23.0 +7.1
NVAR	comp=Z,6.6nm,0.9s	baz=224,slow=9.0,SNR=34	LR	LR	10 06 41.8
M04C	Macdoel	79.92 37	P	P	09 36 22.9 +6.8
L04D	Klamath Falls	79.95 36	P	P	09 36 23.4 +7.1
PDMC	Parker Dam,Lak	80.05 47	P	P	09 36 24.7 +7.9
TPNV	Topopah Spring	80.22 44	P	P	09 36 24.8 +6.9
KSR5	Korea Array	80.31 317	P	P	09 36 22.1 +4.0
Y14A	Wickenburg	80.62 48	P	P	09 36 16.3 -3.7
SHPR	Sheep Range	80.66 45	P	P	09 36 18.0 -2.2
J04D	Umpqua Nationa	80.74 36	P	P	09 36 27.5 +6.9
MOD	Modoc Plateau	80.86 38	P	P	09 36 19.2 -2.0
MOD	comp=Z,14nm,0.8s		Iamb	Iamb	09 36 43.4
I04A	Tendick Farm,	80.95 35	P	P	09 36 28.2 +6.8
J05D	Fort Rock, OR	81.24 36	P	P	09 36 29.1 +5.9
TUC	Tucson	81.27 50	P	P	09 36 20.7 -2.8
TUC	comp=Z,1.8nm,0.9s	baz=229,SNR=11	P	P	09 36 31.9 +8.4
MAW	Mawson	81.27 199	P	P	09 36 25.1 +2.3
MAW	comp=Z,1.4nm,0.8s		P	P	09 36 28.9 +6.0
MAW	comp=Z,10.0nm,0.9s	baz=113,slow=5.3,SNR=12	LR	LR	10 11 27.9
G03D	McMinnville, O	81.46 34	P	P	09 36 32.2 +8.2
KDOK	Kodiak Island	81.55 12	LR	LR	10 08 02.7
1059	Terrebonne, OR	81.89 35	P	P	09 36 34.9 +8.4
USA0B	Ussuriysk Arra	82.17 324	P	Iamb	09 36 24.4 -3.4
USA0B	comp=Z,23nm,1.3s		Iamb	Iamb	09 36 33.8
USRK	Ussuriysk Ar.	82.17 324	P	P	09 36 31.5 +3.7
USRK	comp=Z,8.4nm,1.0s	baz=132,slow=2.8,SNR=12	LR	LR	10 09 48.3

H03S2	Juan Fernandez	82.30 123	T	T	11 08 23.8
H03S1	Juan Fernandez	82.32 123	T	T	11 08 16.5
H03S3	Juan Fernandez	82.32 123	T	T	11 08 22.5
H03N2	Juan Fernandez	82.44 123	T	T	11 08 42.2
H03N3	Juan Fernandez	82.44 123	T	T	11 08 31.3
H03N1	Juan Fernandez	82.46 123	T	T	11 08 33.0
WUAZ	Wupatki	82.61 47	P	P	09 36 28.2 -2.4
E04D	White Salmon	82.73 33	P	P	09 36 39.1 +8.4
J08A	Circle Bar Ran	82.83 37	P	Iamb	09 36 29.7 -1.8
J08A	comp=Z,18nm,1.1s		Iamb	Iamb	09 36 50.1
F05D	White Salmon	82.85 34	P	P	09 36 39.7 +8.4
O18K	Koktuh Hills	83.07 10	P	P	09 36 37.8 +5.7
ELK	Elko	83.12 41	P	P	09 36 30.8 -2.4
D03D	Eldon	83.14 32	P	P	09 36 40.7 +8.0
NJ2	Nanjing	83.49 308	eP	Pmax	09 36 40.8 +5.8
NJ2	comp=Z,9.0nm,0.5s		Pmax	Pmax	
W18A	Petrified Fore	83.52 48	P	P	09 36 41.3 +6.0
O19K	Port Alsworth	83.53 10	P	P	09 36 38.1 +3.6
121A	Cookes Peak, D	83.54 51	P	P	09 36 41.5 +6.0
BRSE	Bradley Lake S	83.73 12	P	P	09 36 40.0 +4.4
MDJ	Mudanjiang	83.75 323	P	Pmax	09 36 39.6 +3.6
MDJ	comp=Z,12nm,1.1s		Pmax	Pmax	
MDJ	Mudanjiang	83.75 323	P	Iamb	09 36 33.7 -2.3
MDJ	comp=Z,26nm,1.1s		Iamb	Iamb	09 36 50.9
N19K	Bonanza Creek	84.09 10	P	P	09 36 41.6 +4.1
B05A	Bryant	84.12 32	P	P	09 36 45.4 +7.5
A04D	Lummi Island	84.14 31	P	P	09 36 43.6 +5.8
SEW	Seward	84.31 12	P	P	09 36 41.5 +3.0
NKL	Nikolayevsk	84.40 335	eP	Pmax	09 36 43.1 +0.6
NKL	comp=N,506nm,1.0s		Pmax	Pmax	
NKL	comp=E,18nm,1.2s		Pmax	Pmax	
B06A	Marblemont	84.60 32	P	Iamb	09 36 37.7 -2.5
B06A	comp=Z,14nm,0.9s		Iamb	Iamb	09 37 00.9
MNTX	Cornudas Mount	84.88 53	P	P	09 36 47.2 +5.1
TXAR	Lajas Arr	85.05 56	P	P	09 36 50.2 +7.1
TXAR	comp=Z,1.9nm,0.9s	baz=203,slow=5.5,SNR=13	LR	LR	10 09 04.6
F10A	San Ranch, E	85.16 36	P	P	09 36 40.3 -3.0
RC01	Rabbit Creek A	85.17 12	P	P	09 36 47.8 +5.0
KAIM	Kayak Island	85.24 15	P	P	09 36 48.0 +4.8
HLID	Halley	85.29 39	P	P	09 36 49.4 +5.3
SUA	Susitna One	85.33 11	P	P	09 36 47.2 +3.4
L19K	Whitcomb Moun	85.34 9	P	P	09 36 47.1 +3.4
EYAK	Cordova Ski Ar	85.49 14	P	P	09 36 48.8 +4.4
GLI	Glacier Island	85.50 13	P	P	09 36 48.1 +3.6
KLR	Kul'dur	85.60 328	P	P	09 36 48.7 +3.4
KLR	comp=Z,4.3nm,0.9s	baz=124,slow=2.0,SNR=8.1	Pmax	Pmax	09 36 49.0 +3.7
CN2	Changchun	85.61 321	eP	Pmax	09 36 48.8 +3.4
CN2	comp=Z,7.0nm,1.0s		Pmax	Pmax	
CN2	Changchun	85.61 321	eS	P	09 37 15.2 +1.5
SKT	Silverina	85.68 11	P	P	09 36 48.5 +3.1
KNK	Knik Glacier	85.71 12	P	P	09 36 48.4 +2.9
ANMO	Albuquerque	85.72 50	P	P	09 36 53.6 +7.2
ANMO	comp=Z,6.7nm,0.9s	baz=198,slow=5.2,SNR=25	Pmax	Pmax	09 36 53.8 +7.3
ANMO	Albuquerque	85.72 50	P	P	09 36 53.8 +7.3
ANMO	comp=Z,7.0nm,0.9s		Pmax	Pmax	
PLCA	Paso Flores	85.73 132	P	P	09 36 55.1 +8.7
PLCA	comp=Z,2.8nm,0.8s	baz=191,slow=8.1,SNR=3.7	LR	LR	10 08 57.9
PMR	Palmer	85.75 12	P	P	09 36 50.7 +5.0
WRAK	Wrangell Islan	85.79 22	P	P	09 36 50.9 +4.9
SYO	Syowa Base	85.97 192	eP	P	09 36 43.4 -3.5
SYO	comp=Z,6.9nm,1.0s	baz=119,slow=2.2,SNR=7.6	P	P	09 37 01.8 +7.3
MESA	MESA	86.06 16	P	P	09 36 52.8 +5.3
SML	Selkirk	86.10 12	P	P	09 36 50.6 +3.1
BMRM	Bremner River	86.12 14	P	P	09 36 52.3 +4.7
MA2	Magadan	86.19 343	eP	P	09 36 51.4 +3.5
MA2	comp=Z,4.0nm,0.9s		P	P	09 37 18.7 +1.6
CRQE	Cirque	86.28 15	P	P	09 36 53.1 +4.6
KLU	Klutina	86.30 13	P	P	09 36 53.5 +4.9
SNA4	Sanae	86.37 177	P	P	09 36 55.3 +6.3
SNA4	comp=Z,9.0nm,1.0s		Pmax	Pmax	09 36 55.3 +6.3
VNA3	Neumayer Olymp	86.37 175	P	P	09 36 54.9 +6.0
PINM	Pinnacyle	86.42 16	P	P	09 36 53.9 +4.7
K20K	Telida	86.58 9	P	P	09 36 52.4 +2.6
N25K	Chitina, Valde	86.69 14	P	P	09 36 53.6 +3.1
M24K	Tolsona, Glenn	86.80 13	P	P	09 36 54.8 +3.8
M24K	comp=Z,2.3nm,1.3s		P	P	09 36 55.8 +4.7
CTG	China Glacier	86.89 15	P	P	09 36 55.0 +3.5
S22A	4UR Ranch, Cre	86.89 47	P	P	09 36 59.5 +7.2
WAT6	Susitna Watana	86.92 12	P	P	09 36 55.3 +3.6
WAT1	Susitna Watana	87.00 12	P	P	09 36 54.9 +3.0
VNA1	Neumayer-Stat	87.06 175	P	P	09 36 59.1 +6.9
TRF	Thorafore Moun	87.26 11	P	P	09 36 56.8 +3.5
SKAG	Skagway	87.26 19	P	Iamb	09 36 51.8 -1.3
SKAG	comp=Z,12nm,1.0s		Iamb	Iamb	09 37 14.7
SKAG	Skagway	87.26 19	P	P	09 36 57.7 +4.6
CHUM	Lake Minchumin	87.34 10	P	P	09 36 55.7 +2.3
J20K	Nowinta River	87.35 9	P	P	09 36 57.1 +3.6
MSO	Misotsu	87.49 37	P	P	09 36 59.8 +5.1
PAX	Paxson	87.73 13	P	P	09 36 58.8 +3.3
BPWA	Bear Paw Mtn.	87.75 10	P	P	09 36 59.0 +3.6

M26K	Nabesna, AK	87.75 14	P	P	09 36 59.0 +3.4
MCK	McKinley	87.76 11	P		

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Minsk, Naroch, Anapa, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Velka Javorinca, YVH, KOLL, etc.

ISK 05:09:24:17.8, 38°12'N-26°02'E, h10km, ML3.9/32
IDC 05:09:24:18.6, 1.3, 38°06'N-26°23'E, h0km, mb4.0/2,
mb1 3.9/6, mb1mx3/4.57, mbtpr3.8/6, ML3.6/4, MS4.2/2,
Ms1 4.2/2, ms1mx2/9.51, Error ellipse: s-maj=25.4km
s-min=15.7km az=106.0

Table with columns for Code, Station Name, Az, Az', Phase ID, Op, h, m, s, Res. Includes stations like Chios island, ZYE, UZU, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KYMI, Euzoia, Kymi, etc.

IDC 05:09:29:59.3, 1.3, 52°68'N-169°15'W, h0km, mb4.1/16.3,
mb1 4.2/18, mb1mx4.0/6.6, mbtpr4.1/18, ML4.0/2, MS3.4/1,
Ms1 3.4/1, ms1mx2/9.45, Error ellipse: s-maj=37.3km
s-min=15.7km az=160.0
AEIC 05:30:03:3.3, 52°39'N-07°169'12'W, h23km, 6km,
ML4.0, mb0.3/7(NEIC), Error ellipse: s-maj=10.6km
s-min=5.5km az=152.0
NEIC 05:30:04:2.2, 52°44'N-07°169'12'W, h35km, 1km,
Error ellipse: s-maj=11.3km s-min=7.1km az=166.0
ISC 05:30:03:5.0, 52°41'N-07°169'03'W, h0.06, h33km,
h127, s1518/121, mb4.1/17, Fox Islands

5d 10h

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

ISC 05 09:45:24.31.5, 34.83S, 179.39W, h0km, mb4.4/3, mb1.4/5.4, mb1mx3.9/35 mbtmp4.4/4, ML3.9/1, Ms4.1/2, Ms1.4/2.2, ms1mx3.5/23, Error ellipse: s-maj=45.1km s-min=34.6km az=138.0

WEL 05 09:45:26.5.0.7, 35.5S, 177.9W, 1.2, h33km, M4.2/25, mb4.7/7, ML4.7/25, ML4.5/25, Mw(mB)3.9/7, Error ellipse: s-maj=0.0km s-min=0.0km az=117.2

ISC 05 09:45:27.81.1, 35.145S, 0.08W, 179.0W, 0.1, h42km, n54, e199/83, mb4.2/3, East of North Island

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MXZ, WMGZ, PKGZ, etc.

RSPR 05 09:57:15.2, 19.63N, 64.64W, h66km, 13km, MD3.5/5, NEIC 05 09:57:15.2, 0.7, 19.5N, 0.2, 64.75W, 0.06, h20km, 20km, Error ellipse: s-maj=25.7km s-min=6.8km az=191.0

2015 AUG

ISC 05 09:57:14.3.2.0, 19.63N, 0.1, 64.68W, 0.05, h27km, n31, e051/37, 2C-6D, Virgin Islands

Table of seismic stations for the Virgin Islands region, including stations like AVBI, VGBI, VGBI, etc.

RSPR 05 10:00:41.0, 19.48N, 66.36W, h89km, 9km, MD3.4/5, NEIC 05 10:00:41.9, 1.9, 19.22N, 0.07, 66.33W, 0.04, h1km, 10km, Error ellipse: s-maj=11.1km s-min=4.3km az=196.0

ISC 05 10:00:41.7, 1.9, 19.38N, 0.10, 66.26W, 0.05, h14km, n28, e078/31, 6C, Puerto Rico region

Main table of seismic stations for the Puerto Rico region, including stations like CELP, EMPR, GPCR, etc.

ISC 05 10:06:27.6, 1.2, 60.12N, 153.55W, h103km, 12km, mb3.7/9, mb1.3/9/13, mb1mx3.6/52, mbtmp4.0/13, Error ellipse: s-maj=15.6km s-min=10.0km az=66.0

ANF 10:06:29.9, 0.3, 60.09N, 153.29W, h130km, 3km, ML4.0/51, Error ellipse: s-maj=3.4km s-min=2.9km az=35.0

NEIC 05 10:06:29.3, 1.2, 60.04N, 0.03, 153.32W, 0.06, h137km, 4km, Error ellipse: s-maj=5.5km s-min=1.9km az=135.0

AEIC 05 10:06:30.1, 0.6, 60.05N, 0.04, 153.32W, 0.08, h136km, 3km, ML3.7, mb3.9/8(NEIC), ML4.0/9(NEIC), Error ellipse: s-maj=5.5km s-min=5.4km az=118.0

ISC 05 10:06:30.0, 0.6, 60.07N, 0.03, 153.26W, 0.03, h139km, 5km, n294, e11/330, mb3.8/11, Southern Alaska

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Large table of seismic stations and events, including stations like OPT, P19K, P19K, etc., and various event parameters.

ISC 05 10:06:27.6, 1.2, 60.12N, 153.55W, h103km, 12km, mb3.7/9, mb1.3/9/13, mb1mx3.6/52, mbtmp4.0/13, Error ellipse: s-maj=15.6km s-min=10.0km az=66.0

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KNK, GHO, CUT, PLK5, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HARP, NICH, PAX, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SKAG, UNV, EPYK, etc.

KSCWO	Cheorwon	11.10 277	P	Pn	11 58 49.4 +3.8
KSICN	Icheon	11.22 273	P	Pn	11 58 52.4 +5.2
KSICN	Icheon	11.22 273	P	Pn	11 58 52.4 +5.2
KSICN	Icheon	11.22 273	P	Pn	11 58 52.4 +5.2
HAMB	Hamyang	11.26 264	P	Pn	11 58 53.0 +5.2
HAMB	Hamyang	11.26 264	P	Pn	11 58 53.0 +5.2
HAMB	Hamyang	11.26 264	P	Pn	11 58 53.0 +5.2
KRNAH	Namhae	11.31 261	P	Pn	11 58 52.3 +4.0
KRNAH	Namhae	11.31 261	P	Pn	11 58 52.3 +4.0
KRNAH	Namhae	11.31 261	P	Pn	11 58 52.3 +4.0
TJN	Taejon	11.39 269	d/P	Pn	11 58 53.1 +3.7
KSCEA	Cheonan	11.40 271	P	Pn	11 58 53.9 +4.2
KSCEA	Cheonan	11.40 271	P	Pn	11 58 53.9 +4.2
KSCEA	Cheonan	11.40 271	P	Pn	11 58 53.9 +4.2
MDJ	Mudanjiang	11.48 312	P	Pn	11 58 54.4 +3.7
MDJ	Mudanjiang	11.48 312	P	Pn	12 01 04.1 +6.7
MDJ	comp=N,24nm,0.7s			pmax	pmax
MDJ	comp=N,380nm,3.6s			LR	LR
MDJ	comp=N,850nm,19.8s			LR	LR
MDJ	comp=N,1um,20.1s			LR	LR
MDJ	comp=N,2um,18.3s			LR	LR
MDJ	comp=N,2um,18.3s	11.48 312	P	Pn	11 58 50.2 -0.5
KOJ2	Gongju-si	11.54 269	P	Pn	11 58 56.0 +4.4
KOJ2	Gongju-si	11.54 269	P	Pn	11 58 56.0 +4.4
KOJ2	Gongju-si	11.54 269	P	Pn	11 58 56.0 +4.4
NAWB	Namwon	11.56 264	P	Pn	11 58 57.0 +5.2
NAWB	Namwon	11.56 264	P	Pn	11 58 57.0 +5.2
NAWB	Namwon	11.56 264	P	Pn	11 58 57.0 +5.2
YNCB	YEONCHEON	11.57 277	P	Pn	11 58 55.7 +3.7
YNCB	YEONCHEON	11.57 277	P	Pn	11 58 55.7 +3.7
YNCB	YEONCHEON	11.57 277	P	Pn	11 58 55.7 +3.7
KSSWO	Suwon	11.59 273	P	Pn	11 58 57.1 +4.9
KSSWO	Suwon	11.59 273	P	Pn	11 58 57.1 +4.9
KSSWO	Suwon	11.59 273	P	Pn	11 58 57.1 +4.9
KSSEO	Seoul	11.60 274	P	Pn	11 58 56.8 +4.3
KSSEO	Seoul	11.60 274	P	Pn	11 58 57.0 +4.6
KSSEO	Seoul	11.60 274	P	Pn	11 58 56.8 +4.3
KSSEO	Seoul	11.60 274	P	Pn	11 58 57.0 +4.6
KSSEO	Seoul	11.60 274	P	Pn	11 58 56.8 +4.3
KSSEO	Seoul	11.60 274	P	Pn	11 58 57.0 +4.6
KSMUS	Musan	11.71 277	P	Pn	11 58 56.9 +3.1
KSMUS	Musan	11.71 277	P	Pn	11 58 56.9 +3.1
KSMUS	Musan	11.71 277	P	Pn	11 58 56.9 +3.1
SHHB	Siheung-si	11.79 274	P	Pn	11 58 60.0 +5.1
SHHB	Siheung-si	11.79 274	P	Pn	11 58 60.0 +5.1
SHHB	Siheung-si	11.79 274	P	Pn	11 58 60.0 +5.1
INCN	Inchon	11.83 275	P	Pn	11 58 56.0 +0.5
INCN	Inchon	11.83 275	P	Pn	11 59 00.3 +3.7
KSJEU	Jeongeup	11.91 265	P	Pn	11 59 00.3 +3.7
KSJEU	Jeongeup	11.91 265	P	Pn	11 59 00.3 +3.7
KSGAH	Ganghwa	11.96 276	P	Pn	11 59 00.8 +3.4
KSGAH	Ganghwa	11.96 276	P	Pn	11 59 00.8 +3.4
KSGAH	Ganghwa	11.96 276	P	Pn	11 59 00.8 +3.4
GOCB	Gochang-gun	12.21 264	P	Pn	11 59 05.0 +4.3
GOCB	Gochang-gun	12.21 264	P	Pn	11 59 05.0 +4.3
TYV	Tymovskoe	13.41 3	eP	Pn	11 59 16.6 -0.4
TYV	comp=Z,200nm,3.3s			pmax	pmax
KLR	Kul'dur	13.72 332	P	Pn	11 59 19.6 -1.6
KLR	comp=Z,19nm,0.8s			LR	LR
KLR	comp=Z,0.5nm,0.3s,baz=148,slow=12,SNR=8.4			LR	LR
KLR	comp=Z,992nm,20.5s,baz=146,slow=36			LR	LR
KLR	Kul'dur	13.72 332	eP	Pn	11 59 19.3 -1.9
CN2	Changchun	13.73 302	eP	Pn	11 59 20.0 -0.7
CN2	comp=Z,20nm,1.2s			LR	LR
CN2	comp=Z,500nm,15.0s			LR	LR
CN2	comp=Z,800nm,15.0s			LR	LR
CN2	comp=Z,970nm,16.0s			LR	LR
GRNR	Gornyy	13.78 346	i/P	Pn	11 59 20.0 -2.0
GRNR	comp=N,8.0nm,1.0s			pmax	pmax
GRNR	comp=Z,9.0nm,0.7s			smax	smax
GRNR	comp=N,5.0nm,0.6s			MLR	MLR
GRNR	comp=N,480nm,20.0s			MLR	MLR
GRNR	comp=E,420nm,20.0s			MLR	MLR
GRNR	comp=Z,670nm,16.0s			MLR	MLR
JOW	Kunigami	15.42 230	P	Pn	11 59 44.9 +1.1
JOW	comp=Z,7.1nm,0.3s,baz=58,slow=12,SNR=7.6			IAMB	IAMB
JOW	Kunigami	15.42 230	P	Pn	11 59 42.7 -1.1
JOW	comp=Z,69nm,0.8s			LR	LR
DL2	Dalian	15.71 281	P	Pn	11 59 47.7 +0.4
DL2	comp=Z,87nm,0.8s			pmax	pmax
DL2	comp=Z,340nm,5.6s			LR	LR
DL2	comp=Z,270nm,13.8s			LR	LR
DL2	comp=Z,740nm,19.8s			LR	LR
SSE	Sheshan	17.95 255	P	Pn	12 00 14.1 -1.3
SSE	comp=Z,9.0nm,0.5s			pmax	pmax
SSE	comp=Z,110nm,4.3s			LR	LR

SSE	comp=Z,370nm,21.8s			LR	LR
ZEA	Zeya	19.02 333	eP	P	12 00 26.0 -0.9
ZEA	comp=E,20nm,0.7s			pmax	pmax
ZEA	comp=N,40nm,0.8s			pmax	pmax
ZEA	comp=Z,60nm,0.6s			pmax	pmax
ZEA	comp=Z,100nm,1.0s			smax	smax
ZEA	comp=E,100nm,5.4s			MLR	MLR
ZEA	comp=E,200nm,17.0s			MLR	MLR
ZEA	comp=N,300nm,16.0s			MLR	MLR
PEA0B	Petrovsk	19.26 31	d eP	Pn	12 00 31.7 +0.7
PEA0B	Petrovsk	19.26 31	P	Pn	12 00 30.7 -0.3
PETK	comp=Z,0.1nm,0.3s,baz=224,slow=12,SNR=11			PcP	12 00 29.9 +0.3
PETK	comp=Z,0.1nm,0.3s,baz=162,slow=5.8,SNR=3.9			PcP	12 04 51.8 +1.3
PETK	comp=Z,400nm,15.0s			LR	LR
PETK	comp=Z,200nm,21.8s,baz=220,slow=36			LR	LR
PETK	Petrovsk	19.26 31	P	Pn	12 00 30.6 -0.4
PETK	Petrovsk	19.26 31	P	Pn	12 00 29.4 -0.2
PETK	Nanjing	19.38 261	eP	Pn	12 00 30.6 -0.4
PETK	Nanjing	19.38 261	eP	Pn	12 00 29.8 -1.2
PETK	Nanjing	19.38 261	eP	Pn	12 00 42.4 -0.4
PETK	Nanjing	19.38 261	eP	Pn	12 04 08.6 -0.4
NJ2	comp=Z,18nm,0.5s			pmax	pmax
NJ2	comp=Z,54nm,4.8s			LR	LR
NJ2	comp=Z,430nm,19.4s			LR	LR
NJ2	comp=Z,620nm,23.2s			LR	LR
JISG	comp=Z,740nm,19.9s			P	P
TIA	Tai'an	19.52 234	P	P	12 00 29.4 -3.1
TIA	Tai'an	19.52 234	P	P	12 00 31.5 -1.4
TIA	comp=Z,34nm,1.0s			LR	LR
TIA	comp=Z,430nm,16.9s			LR	LR
TIA	comp=Z,580nm,13.3s			LR	LR
TIA	comp=Z,730nm,15.5s			LR	LR
PET	Petrovsk	19.60 32	eP	Pn	12 00 35.8 +0.9
PET	Petrovsk	19.60 32	eP	Pn	12 04 08.4 -3.0
PET	comp=Z,600nm,21.0s			MLR	MLR
PET	comp=Z,400nm,15.0s			MLR	MLR
PET	Petrovsk	19.60 32	P	P	12 00 32.4 -0.8
HIA	Hailar	19.66 314	P	P	12 00 31.4 -2.5
HIA	comp=Z,11nm,0.5s			pmax	pmax
HIA	Hailar	19.66 314	P	P	12 00 31.4 -2.5
HIA	Beijing	19.91 285	P	P	12 00 35.3 -1.4
HIA	Beijing	19.91 285	P	P	12 00 47.3 -1.3
HIA	Beijing	19.91 285	P	P	12 00 49.6 -5.7
HIA	Beijing	19.91 285	P	P	12 04 19.9 -2.0
HIA	comp=Z,26nm,1.0s			LR	LR
HIA	comp=Z,420nm,12.8s			LR	LR
HIA	comp=Z,340nm,16.1s			LR	LR
HIA	Baijiatou	19.92 285	P	P	12 00 34.8 -2.0
HIA	Baijiatou	19.92 285	P	P	12 00 34.8 -2.0
HIA	Baijiatou	19.92 285	P	P	12 00 34.8 -2.0
HIA	Taipei	21.13 240	IAMB	IAMB	12 00 50.7
HIA	comp=Z,46nm,0.6s			IAMB	IAMB
YHNB	Yeheng	21.41 239	P	P	12 00 50.8 -2.3
YHNB	comp=Z,44nm,0.7s			IAMB	IAMB
SSLB	Suanglung	22.28 238	P	P	12 00 59.4 -3.0
SSLB	comp=Z,58nm,1.0s			IAMB	IAMB
YULB	Yu-li	22.32 237	P	P	12 00 59.0 -3.8
YULB	comp=Z,35nm,0.6s			IAMB	IAMB
TPUB	Ta-pu	22.83 238	P	P	12 01 04.2 -4.1
MA2	Magadan	22.90 12	P	P	12 01 08.6 -0.1
MA2	comp=Z,24nm,0.7s,baz=199,slow=10,SNR=17			LR	LR
MA2	Magadan	22.90 12	P	P	12 09 46.5
MA2	Magadan	22.90 12	P	P	12 01 08.1 -0.6
MA2	Magadan	22.90 12	P	P	12 01 08.4 -0.2
MA2	Magadan	22.90 12	P	P	12 01 28.8
TIY	Taiyuan	23.01 280	eP	Pn	12 01 06.9 -3.2
TIY	Taiyuan	23.01 280	eP	Pn	12 05 18.7 +2.0
TIY	Taiyuan	23.01 280	eP	Pn	12 05 36.1 -0.2
TIY	Taiyuan	23.01 280	eP	Pn	12 05 58.7 +5.9
TIY	comp=Z,56nm,0.6s			LR	LR
TIY	comp=Z,220nm,6.7s			LR	LR
TIY	comp=Z,500nm,12.1s			LR	LR
TIY	comp=Z,750nm,18.2s			LR	LR
HHC	Hu-ho-hao-te	23.42 288	eP	Pn	12 01 11.6 -2.4
HHC	Hu-ho-hao-te	23.42 288	eP	Pn	12 01 25.2 -1.4
HHC	Hu-ho-hao-te	23.42 288	eP	Pn	12 05 18.8 -4.5
HHC	comp=Z,29nm,0.8s			pmax	pmax
HHC	comp=Z,110nm,5.7s			LR	LR
HHC	comp=Z,430nm,13.3s			LR	LR
HHC	comp=Z,550nm,13.9s			LR	LR
HHC	comp=Z,500nm,17.3s			LR	LR
WHN	Wuhan	23.51 261	i/P	Pn	12 01 13.5 -1.3
WHN	Wuhan	23.51 261	i/P	Pn	12 05 24.6 -0.2
WHN	comp=Z,130nm,0.9s			LR	LR
WHN	comp=Z,620nm,13.6s			LR	LR
WHN	comp=Z,2um,19.2s			LR	LR
WHN	comp=Z,2um,26.3s			LR	LR
BTO	Baotou	24.60 287	eP	Pn	12 01 24.8 0.0
BTO	Baotou	24.60 287	eP	Pn	12 05 37.0 -5.3
BTO	comp=Z,2um,14.7s			LR	LR
BTO	comp=Z,1um,18.1s			LR	LR
YAK	Yakutsk	25.66 347	P	P	12 01 33.2 -0.9
YAK	comp=Z,123nm,0.6s,baz=353,slow=2.0,SNR=52			LR	LR
YAK	Yakutsk	25.66 347	P	P	12 12 04.3
YAK	Yakutsk	25.66 347	P	P	12 01 33.8 -0.3
YAK	Yakutsk	25.66 347	P	P	12 02 13.5
YAK	Yakutsk	25.66 347	P	P	12 05 58.1 -0.4
YAK	Yakutsk	25.66 347	P	P	12 06 58.1 +1.2
YAK	Yakutsk	25.66 347	P	P	12 12 21.6
YAK	comp=Z,335nm,1.0s			pmax	pmax
YAK	comp=N,64nm,0.9s			pmax	pmax
YAK	comp=E,32nm,0.9s			pmax	pmax
YAK	comp=Z,39nm,1.1s			pmax	pmax
YAK	comp=N,35nm,1.3s			pmax	pmax
YAK	comp=E,40nm,1.3s			pmax	pmax

YAK	comp=N,283nm,3.4s			smax	smax
YAK	comp=E,64nm,2.7s			smax	smax
YAK	Yakutsk	25.66 347	P	P	12 01 33.5 -0.6
XAN	Xi'an	26.60 272	P	P	12 01 41.8 -1.2
XAN	Xi'an	26.60 272	P	P	12 01 51.4 -4.9
XAN	Xi'an	26.60 272	P	P	12 01 51.4 -4.9
XAN	Xi'an	26.60 272	P	P	12 01 51.4 -4.9
XAN	Xi'an	26.60 272	P	P	12 02 28.6 +2.9
XAN	Xi'an	26.60 272	P	P	12 06 25.9 -1.2
XAN	Xi'an	26.60 272	P	P	12 08 29.0 7.6
XAN	Xi'an	26.60 272	P	P	12 07 25.3 +4.7
XAN	comp=E,36nm,0.8s			pmax	pmax
XAN	comp=E,220nm,4.6s			LR	LR
XAN	comp=E,370nm,12.5s			LR	LR
XAN	comp=E,350nm,13.3s			LR	LR
XAN	comp=E,510nm,19.0s			LR	LR
XAN	Xi'an	26.60 272	P	P	12 01 41.8 -1.2
XAN	Xi'an	26.60 272	P	P	12 01 41.8 -1.2

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time Res
OKCFA	baz=349	S					
OKCSW	OKLAHOMA CITY	1.44 168	Pn	Pn			
FNO	Franklin	1.59 168	Pn	Pn			
R32A	Long Quarter,	1.75 336	P	Pb			
R32A	Long Quarter,	1.75 336	P	Pb			
R32A	baz=156	S		Sb			
R32A	baz=156	S		Sb			
R32A	Long Quarter,	1.75 336	P	Pb			
R32A	baz=156	S		Sb			
TUL1	Leonard	1.86 119	P	Pn			
TUL1	baz=300,SNR=26	S		Sb			
TUL1	Leonard	1.86 119	P	Pn			
TUL1	baz=300,SNR=26	S		Sb			
X34A	Smith Ranch, M	2.22 181	Iamb_Lg	Pn			
X34A	comp=Z,219nm,0.7s						
WMOK	Wichita Mounta	2.23 201	Iamb_Lg	Pn			
WMOK	comp=Z,170nm,0.9s						
WMOK	Wichita Mounta	2.23 201	P	Pn			
WMOK	baz=21,SNR=60						
KSU1	Kansas State U	2.46 22	Iamb_Lg	Pn			
KSU1	comp=Z,190nm,0.7s						
CBKS	Cedar Bluff	2.51 323	P	Pn			
CBKS	Cedar Bluff	2.51 323	P	Pn			
CBKS	baz=142,SNR=17						
CBKS	Cedar Bluff	2.51 323	P	Pn			
CBKS	baz=142,SNR=17						
U38A	Gravette	2.77 97	P	Pn			
U38A	Gravette	2.77 97	P	Pn			
U38A	baz=279,SNR=35						
U38A	Gravette	2.77 97	P	Pn			
U38A	baz=279,SNR=35						
LOOK	Love County	2.87 170	Iamb_Lg	Pn			
LOOK	comp=Z,100nm,1.1s						
X37A	Clayton	2.98 138	S	Pn			
X37A	Clayton	2.98 138	S	Pn			
X37A	baz=319						
HHAR	Hobbs	3.16 99	P	Pn			
HHAR	Hobbs	3.16 99	P	Pn			
HHAR	baz=281						
HHAR	Hobbs	3.16 99	P	Pn			
HHAR	baz=281						
Z35A	Perchaven, San	3.51 172	Iamb_Lg	Pn			
Z35A	comp=Z,72nm,1.0s						
Z35A	Perchaven, San	3.51 172	P	Pn			
Z35A	baz=353,SNR=6.8						
Z35A	baz=353	S		Sn			
Z35A	Perchaven, San	3.51 172	P	Pn			
Z35A	baz=353,SNR=6.8						
Z35A	baz=353	S		Sn			
W39A	Magazine	3.64 115	Pn	Pn			
S39A	Bolivar	3.68 75	Iamb_Lg	Pn			
S39A	comp=Z,103nm,0.8s						
S39A	Bolivar	3.68 75	P	Pn			
S39A	baz=258,SNR=14						
S39A	Bolivar	3.68 75	P	Pn			
S39A	baz=258,SNR=14						
AMTX	Amarillo	3.70 240	Iamb_Lg	Pn			
AMTX	comp=Z,120nm,0.8s						
N33A	J Bar K, Exete	3.92 4	Iamb_Lg	Pn			
N33A	comp=Z,84nm,0.8s						
U40A	Yellville	4.01 95	Pn	Pn			
U40A	Yellville	4.01 95	Pn	Pn			
U40A	baz=278,SNR=22						
U40A	Yellville	4.01 95	P	Pn			
U40A	baz=278,SNR=22						
U40A	baz=278,SNR=22						
MIAR	Mount Ida	4.12 122	Pn	Pn			
MIAR	comp=Z,120nm,0.8s						
Z38A	Mt. Pleasant	4.24 146	Iamb_Lg	Pn			
Z38A	comp=Z,148nm,0.8s						
N35A	Tabor	4.37 22	P	Pn			
N35A	baz=203						
N35A	Tabor	4.37 22	P	Pn			
N35A	baz=203						
P38A	Dawn	4.37 49	P	Pn			
P38A	baz=231,SNR=6.6						
P38A	Dawn	4.37 49	P	Pn			
P38A	baz=231,SNR=6.6						
KSCO	Kaye Shedlock	4.40 301	Iamb_Lg	Pn			
KSCO	comp=Z,122nm,0.7s						
MGMO	Mountain Grove	4.44 84	Iamb_Lg	Pn			
MGMO	comp=Z,107nm,0.7s						
ABTX	Abielene, Hawle	4.45 200	Iamb_Lg	Pn			
ABTX	comp=Z,120nm,1.2s						
BGNE	Belgrade	4.59 357	P	Pn			
BGNE	Belgrade	4.59 357	P	Pn			
BGNE	baz=176						
BGNE	Belgrade	4.59 357	P	Pn			
BGNE	baz=176						
R40A	Maddies Statio	4.63 70	Iamb_Lg	Pn			
R40A	comp=Z,58nm,1.1s						
R40A	Maddies Statio	4.63 70	P	Pn			
R40A	baz=253						
R40A	Maddies Statio	4.63 70	P	Pn			
R40A	baz=253						
X40A	Basin Creek Fa	4.67 118	Iamb_Lg	Pn			
X40A	comp=Z,108nm,0.9s						
WHTX	Lake Whitney,	4.83 177	Iamb_Lg	Pn			
WHTX	comp=Z,56nm,1.0s						
WHTX	Lake Whitney,	4.83 177	P	Pn			
WHTX	baz=357,SNR=17						
WHTX	Lake Whitney,	4.83 177	P	Pn			
WHTX	baz=357,SNR=17						
WLAR	White Oak Lake	4.95 128	Pn	Pn			
237A	Washetta, Mont	5.08 161	Iamb_Lg	Pn			
L34A	comp=Z,91nm,1.0s						
L34A	Svensden Farm	5.25 12	Iamb_Lg	Pn			
L34A	comp=Z,116nm,0.7s						
OGNE	Ogallala	5.28 323	Iamb_Lg	Pn			
P40A	Paris	5.28 57	Iamb_Lg	Pn			
P40A	comp=Z,125nm,0.7s						
T25A	Trinidad	5.30 275	Iamb_Lg	Pn			
T25A	comp=Z,53nm,0.8s						
N38A	Joes South For	5.33 41	Pn	Pn			
N38A	Joes South For	5.33 41	Pn	Pn			
N38A	baz=223						
N38A	Joes South For	5.33 41	Pn	Pn			
N38A	baz=223						
CCM	Cathedral Cave	5.36 75	Iamb_Lg	Pn			
CCM	comp=Z,89nm,0.8s						
CCM	Cathedral Cave	5.36 75	P	Pn			
CCM	baz=259						
CCM	Cathedral Cave	5.36 75	P	Pn			
CCM	baz=259						
NATX	Nacogdoches	5.68 152	Iamb_Lg	Pn			
K31A	O'Neill	5.84 353	Iamb_Lg	Pn			
K31A	comp=Z,108nm,0.9s						
SLM	Saint Louis	6.26 71	Iamb_Lg	Pn			
JCT	Junction City	6.54 195	P	Pn			
JCT	baz=14,SNR=6.2						
JCT	Junction City	6.54 195	P	Pn			
JCT	baz=14,SNR=6.2						
143A	Socs Landing,	6.68 126	Iamb_Lg	Pn			
143A	comp=Z,61nm,0.9s						

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time Res
ISCO	Idaho Springs	6.82 298	Iamb_Lg	Pn			
S44A	Carbondale	6.87 80	P	Pn			
S44A	Carbondale	6.87 80	P	Pn			
ECSD	EROS Data Cent	6.96 7	Pn	Pn			
ECSD	comp=Z,36nm,0.9s						
P43A	Skaggs, Pawnee	7.10 64	Iamb_Lg	Pn			
OXF	Oxford	7.21 106	Iamb_Lg	Pn			
OXF	comp=Z,54nm,0.7s						
ANMO	Albuquerque	7.27 258	Pn	Pn			
ANMO	comp=Z,0.1nm,0.3s,baz=69,slow=14,SNR=1.8						
L40A	Anamosa	7.30 42	Iamb_Lg	Pn			
Y45A	Yeager Farm, C	7.37 111	Iamb_Lg	Pn			
Y45A	comp=Z,69nm,0.8s						
PHWV	Pilot Hill	7.45 309	Iamb_Lg	Pn			
PHWV	comp=Z,39nm,0.8s						
VBMS	Vicksburg	7.56 125	Iamb_Lg	Pn			
VBMS	comp=Z,76nm,1.3s						
SUSD	Miller	7.66 354	Iamb_Lg	Pn			
SUSD	comp=Z,48nm,0.8s						
I37A	Lemond, Waseca	7.93 24	Iamb_Lg	Pn			
I37A	comp=Z,63nm,0.8s						
Y22D	IRIS PASCAL, I	7.93 252	Iamb_Lg	Pn			
Y22D	comp=Z,76nm,1.1s						
O44A	Mansfield	8.04 63	Iamb_Lg	Pn			
O44A	comp=Z,53nm,0.7s						
WVT	Waverly	8.06 92	Iamb_Lg	Pn			
WVT	comp=Z,45nm,0.8s						
MNTX	Cornudas Mount	8.09 233	Iamb_Lg	Pn			
MNTX	comp=Z,25nm,1.1s						
L42A	Oliver, Polo	8.15 48	Pn	Pn			
USIN	University of	8.15 79	Iamb_Lg	Pn			
USIN	comp=Z,62nm,0.9s						
146A	Union	8.32 118	Iamb_Lg	Pn			
146A	comp=Z,42nm,0.8s						
JFWS	Jewell Farm	8.41 41	Iamb_Lg	Pn			
JFWS	comp=Z,62nm,0.7s						
T47A	Sharon Grove	8.57 86	Iamb_Lg	Pn			
T47A	comp=Z,66nm,0.8s						
RSSD	Black Hills	8.70 329	Iamb_Lg	Pn			
RSSD	comp=Z,24nm,1.1s						
Z47A	Carrollton	8.76 112	Iamb_Lg	Pn			
Z47A	comp=Z,39nm,0.8s						
RWWV	Rawlins	8.77 307	Iamb_Lg	Pn			
RWWV	comp=Z,44nm,1.0s						
PV13	Radium Mtn., P	8.86 282	Iamb_Lg	Pn			
PV13	comp=Z,26nm,1.0s						
K22A	Casper	8.89 314	Iamb_Lg	Pn			
K22A	comp=Z,57nm,1.1s						
PV11	Dave Mesa, Pa	8.91 283	Iamb_Lg	Pn			
PV11	comp=Z,39nm,1.2s						
V48A	Smith Brothers	8.93 94	Iamb_Lg	Pn			
V48A	comp=Z,37nm,1.1s						
I40A	Norwalk	8.94 36	Iamb_Lg	Pn			
I40A	comp=Z,57nm,1.1s						
TXAR	Lajitas Array	8.94 215	Pn	Pn			
TXAR	comp=Z,0.2nm,0.3s,baz=43,slow=11,SNR=10						
TXAR	Lg						
PV04	Paradox Valley	8.95 283	Iamb_Lg	Pn			
PV04	comp=Z,21nm,1.2s						
X48A	Hartselle	9.07 102	Iamb_Lg	Pn			
X48A	comp=Z,42nm,0.9s						
F33A	5 Mile Ranch,	9.08 7	Iamb_Lg	Pn			
F33A	comp=Z,25nm,0.9s						
SFIN	Lafayette	9.10 64	Iamb_Lg	Pn			
SFIN	comp=Z,45nm,0.7s						
SPMN	Marine on St.	9.20 23	Iamb_Lg	Pn			
SPMN	comp=Z,27nm,0.8s						
WCI	Wyandotte Cave	9.25 78	Iamb_Lg	Pn			
WCI	comp=Z,49nm,0.9s						
121A	Cookes Peak, D	9.27 245	Iamb_Lg	Pn			
121A	comp=Z,23nm,1.3s						
U36A	Milaca	9.59 18	Iamb_Lg	Pn			
U36A	comp=Z,44nm,1.1s						
F49A	Red Boiling Sp	9.66 88	Iamb_Lg	Pn			
F49A	comp=Z,20nm,0.8s						
Y49A	Blount Mountai	9.76 104	Iamb_Lg	Pn			
Y49A	comp=Z,35nm,0.8s						
I42A	Draefer Farm, C	9.79 41	Iamb_Lg	Pn			
I42A	comp=Z,39nm,0.9s						
PDAR	Pinedale Array	10.81 307	Pn	Pn			
PDAR	comp=Z,0.1nm,0.3s,baz=128,slow=18,SNR=2.6						
PDAR	Lg						
TKL	Tuckaleechee C	11.39 92	Pn	Pn			

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HGSD Ruisi, HGY Hungye, WCS Beiang Elemen, etc.

TAP 05 12:17:27.6, 22.762N, 120.89E, h9km, 1km, MLO.8,C. Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECL Taimali, TWG Pinlang, etc.

NEIC 05 12:19:58.8, 0.8, 19.53N, 0.01, 66.32W, 0.08, h38km, 57km. Error ellipse: s-maj=11.4km s-min=2.8km az=90.0. Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EMPR Esperanza - Ma, GPCR Guaynabo City, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTP Monte Pirata, MLPR Magueyes Is, TRN 05 12:20:57.1, 15.15N, 61.59W, h172km, MD3.8, 1C, Leeward Islands, etc.

IDC 05 12:40:21.8, 1.2, 52.42N, 169.32W, h0km, mb3.9/14, mb1.4/16, mb1mx3.8/57, mbtmp3.9/16, ML3.1/2, MS3.3/4, Ms1.3/3.4, ms1mx2.8/39, Error ellipse: s-maj=35.0km s-min=16.6km az=176.0. AEIC 05 12:40:24.3, 0.52, 20N, 0.07, 169.17W, 0.08, h28km, 8km, ML3.8/39, mb3.9/10(NEIC), Error ellipse: s-maj=10.2km s-min=6.7km az=72.0. NEIC 05 12:40:24.2, 6.52, 22N, 0.08, 169.12W, 0.09, h18km, 10km, Error ellipse: s-maj=12.7km s-min=7.5km az=161.0. ISC 05 12:40:26.2, 0.8, 52.33N, 0.1, 169.20W, 0.07, h33km, n76, m156/69, mb4.0/15, MS3.3/4, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIKH Nikolski High, OKSP Okmok Steeple, PAKUSHIN South, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11N2 WAKE ISLAND Hy 37.49 219 T, H11N3 WAKE ISLAND Hy 37.49 219 T, H11N1 WAKE ISLAND Hy 37.50 219 T, etc.

INET 05 12:42:53.8, 12.35N, 88.77W, h16km, MW3.6. SNET 05 12:43:07.1, 1.3, 12.83N, 88.40W, h15km, g9gkm, ML2.6, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LCY Lacayo, SMI San Miguel, PACA Pacayal, etc.

IDC 05 12:45:03.1, 1.2, 11.73S, 167.05E, h0km, mb4.1/8, mb1.4/4.10, mb1mx4.1/37, mbtmp4.3/10, ML4.3/2, MS3.9/18, Ms1.3/9.18, ms1mx3.8/22, Error ellipse: s-maj=36.5km s-min=21.7km az=136.0. NEIC 05 12:45:10.4, 1.2, 11.91S, 0.04, 167.1E, 0.1, h45km, 7km, mb4.6/25, Error ellipse: s-maj=14.8km s-min=6.2km az=95.0. NOU 05 12:45:55.1, 15.12S, 167.26E, h0km, MLV.5/0.5, Vanuatu Islands

ISC 05 12:45:11.0, 0.6, 12.02S, 0.08, 167.08E, 0.10, h50km, n84, m158/65, mb4.7/31, MS3.9/18, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SANVU Sarauoutou, DVP Devils Point, HNR Honiara, etc.

5d 13h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PPT2 Papeete2, TBI Tubual, MORW Morawa, etc.

IDC 05:12:50:46.6:28.0,22:53S:173:34W,h0km,mb4.2/4, mb1 4.4/3,mb1mx3.8/30,mbtmp4.2/4,Error ellipse: s-maj=512.6km s-min=162.0km az=76.0,Tonga Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

2015 AUG

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like T35B, TUL1, KS20, etc.

IDC 05:13:23:00.3:33.0,10:01S,157:89E,h0km,mb3.9/3, mb1 4.1/3,mb1mx3.6/37,mbtmp3.9/3,MS3.3/3,Ms1 3.3/3, ms1mx2.7/25,Error ellipse: s-maj=543.5km s-min=90.9km az=53.0

NEIC 05:13:23:09.1:0.7,10:6S,0:3:157:6E:0.2,h15km,5km, mb4.1/8,Error ellipse: s-maj=56.0km s-min=11.9km az=152.0

ISC 05:13:23:07.6:1.5,10:5S,0:4:157:5E:0.2,h10km,m14, 0:578/11,mb3.9/7,South of Solomon Islands

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warrungarra Arr, STKA Stephens Creek, CAN Canberra, etc.

SKO 05:13:53:41.6,41:79N,22:64E,h30km ISK 05:13:53:42.8,41:72N,22:74E,h8km,ML3.1/9

SOF 05:13:53:42.5,41:78N,22:80E,h7km,MD3.1 ATH 05:13:53:43.2,41:76N,22:73E,h11km,2km,ML3.0/5,Error ellipse: s-maj=4.0km s-min=3.0km az=96.0

TIR 05:13:53:43.5,41:67N,22:68E,h14km,2km,MD3.1,M3.0 BOG 05:13:53:44.1,0.3,41:83N,22:75E,h4km,2km,ML2.9/11

THE 05:13:53:45.8,41:62N,22:79E,h10km,ML2.8/11,Error ellipse: s-maj=1.2km s-min=0.8km az=181.0

ISC 05:13:53:42.0:1.1,41:77N,0:01:22:69E:0.02,h3km,9km, n99,0:87/145,16C-2D,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KKB Krupnik, STIP Stip, KNT Kendrikon, etc.

EPYK	Eagle Plains	24.06	37	P	P	14 58 44.6	-1.1
CRAIG	Craig	24.68	64	P	Iamb	14 58 51.7	+0.2
CRAIG	comp-Z,52nm,1.4s					14 59 16.5	
CRAIG	Craig	24.68	64	P	P	14 58 52.4	+1.0
WRANG	Wrangell Islan	25.00	62	P	P	14 58 56.4	+2.1
DIB	Dawson Inlet,	25.47	69	P	Iamb	14 58 59.2	+0.5
DIB	comp-Z,58nm,1.4s					14 59 18.6	
KUR	Kuril'sk	25.58	271	dIP	P	14 59 03.4	+3.7
KUR	comp-Z,121nm,1.0s					14 59 34.0	
KUR	comp-Z,355nm,16.0s					14 59 47.4	
KUR	comp-N,895nm,18.0s					15 03 28.3	+3.8
MOBC	Moresby Island	25.78	69	P	Iamb	14 59 02.3	+0.8
MOBC	comp-Z,23nm,0.9s					14 59 21.2	
INK	Inuvik	25.89	34	P	P	14 59 03.2	+1.0
INK	comp-Z,3.3nm,0.5s,baz=244,slow=9.4,SNR=8.9					15 10 17.7	
INK	Inuvik	25.89	34	P	P	14 59 01.2	-1.1
INK	comp-Z,488nm,18.0s,baz=224,slow=39					14 59 01.2	-1.1
DLBC	Dease Lake	26.07	57	P	P	14 59 07.5	+3.4
DLBC	comp-Z,13nm,1.0s,baz=285,slow=10,SNR=15					15 09 14.1	
RUBB	Prince Rupert	26.52	66	P	Iamb	14 59 08.3	+0.3
RUBB	comp-Z,420nm,19.0s,baz=282,slow=38					14 59 31.4	
TYV	Tymovskoe	26.63	286	eP	P	14 59 13.9	+4.8
TYV	comp-Z,25nm,1.1s					14 59 13.9	+4.8
TYV	comp-Z,8.0nm,0.7s					14 59 13.9	+4.8
TYV	comp-Z,100nm,2.7s					14 59 13.9	+4.8
YUK	Yuzh-Kuril'sk	27.41	270	eP	P	14 59 15.5	-0.7
YUK	comp-N,134nm,1.0s					14 59 15.5	-0.7
YUK	comp-Z,169nm,1.0s					14 59 15.5	-0.7
YUK	comp-E,27nm,0.5s					14 59 15.5	-0.7
YUK	comp-Z,326nm,18.0s					14 59 15.5	-0.7
YSS	Yuzh-Sakhalins	28.01	278	eP	P	14 59 22.7	+1.2
YSS	comp-Z,212nm,16.0s					14 59 30.7	
YSS	comp-Z,20nm,1.0s					14 59 30.7	
YSS	comp-Z,900nm,17.0s					14 59 30.7	
YSS	Yuzh-Sakhalins	28.01	278	P	Iamb	14 59 21.4	-0.2
YSS	comp-Z,31nm,1.0s					14 59 36.8	
BBB	Bella Bella	28.30	70	LR	LR	15 09 03.7	
BBB	comp-Z,334nm,19.9s,baz=292,slow=33					14 59 36.9	+2.8
JKA	Kamikawa-asahi	29.41	273	P	Iamb	14 59 50.4	
JKA	comp-Z,22nm,0.9s					14 59 50.4	
ASAJ	Asahikawa	29.42	273	P	P	14 59 36.9	+2.8
ASAJ	comp-Z,14nm,1.0s,baz=159,slow=5.4,SNR=7.1					15 11 54.1	
ASAJ	Asahikawa	29.42	273	P	P	14 59 36.9	+2.8
ASAJ	comp-Z,321nm,20.0s,baz=77,slow=38					14 59 36.9	+2.8
ERM	Erimo	30.16	269	eP	P	14 59 42.3	+1.7
ERM	comp-Z,22nm,0.9s					14 59 42.3	+1.7
GRNR	Gornyy	30.39	288	iP	P	14 59 42.5	-0.1
GRNR	comp-Z,51nm,1.3s					14 59 42.5	-0.1
GRNR	comp-E,6.0nm,0.9s					14 59 42.5	-0.1
GRNR	comp-Z,10.0nm,1.0s					14 59 42.5	-0.1
GRNR	comp-E,140nm,19.0s					14 59 42.5	-0.1
GRNR	comp-N,230nm,16.0s					14 59 42.5	-0.1
GRNR	comp-Z,230nm,20.0s					14 59 42.5	-0.1
YAK	Yakutsk	31.42	312	eP	P	14 59 52.0	+0.4
YAK	comp-Z,21nm,0.9s					15 01 02.9	
YAK	comp-N,4.0nm,1.0s					15 02 44.8	
YAK	comp-E,4.0nm,1.0s					15 05 00.9	+4.0
YAK	comp-Z,82nm,3.3s					15 05 14.3	+2.2
YAK	comp-N,31nm,2.5s					15 06 46.2	+3.8
YAK	comp-E,37nm,3.2s					15 07 10.7	
YAK	comp-E,54nm,3.3s					15 07 10.7	
YAK	comp-N,79nm,4.2s					15 07 10.7	
YAK	comp-Z,850nm,15.0s					15 07 10.7	
YAK	comp-N,201nm,17.0s					15 07 10.7	
YAK	comp-Z,292nm,19.0s					15 07 10.7	
YAK	Yakutsk	31.42	312	P	P	14 59 51.5	-0.1
YKA	Yellowknife Ar	33.22	47	P	P	15 00 11.8	+4.5
YKA	comp-Z,5.8nm,0.7s,baz=292,slow=6.1,SNR=3.7					15 00 11.8	+4.5
KLR	Kul'dur	33.76	288	eP	P	15 00 11.9	-0.3
KLR	comp-Z,10.0nm,0.9s					15 00 11.9	-0.3
E04D	Cinebar	33.81	77	P	P	15 00 14.5	+1.9
E04D	comp-Z,298					15 00 14.5	+1.9
JMM	Marumori	34.05	264	P	P	15 00 14.5	-0.3
ZEA	Zeya	34.64	297	eP	P	15 00 18.9	-0.8
ZEA	comp-Z,10.0nm,1.0s					15 00 18.9	-0.8
ZEA	comp-Z,200nm,16.0s					15 00 18.9	-0.8
ZEA	comp-E,300nm,15.0s					15 00 18.9	-0.8
ZEA	comp-N,200nm,14.0s					15 00 18.9	-0.8
H112	WAKE ISLAND Hy	34.86	212	T	T	15 37 27.4	
H112	comp-Z,20,slow=74,SNR=58					15 37 27.4	
H113	WAKE ISLAND Hy	34.87	212	T	T	15 37 28.0	
H113	comp-Z,20,slow=75,SNR=58					15 37 28.0	
H111	WAKE ISLAND Hy	34.88	212	T	T	15 37 23.6	
H111	comp-Z,20,slow=74,SNR=56					15 37 23.6	
B08A	Colville Resear	34.95	73	P	Iamb	15 00 23.5	+1.0
B08A	comp-Z,9.0nm,0.8s					15 00 48.0	
I04A	Tendick Farm,	35.26	82	P	P	15 00 25.6	+0.3
I04A	comp-Z,301					15 00 25.6	+0.3
L02E	Cave Junction	35.39	85	P	P	15 00 27.2	+0.8
L02E	comp-Z,298					15 00 27.2	+0.8
JYT	Yasato	35.45	263	P	P	15 00 26.6	-0.2
BOZ	Sado	35.52	267	P	Iamb	15 00 27.7	+0.2
JSD	comp-Z,21nm,1.0s					15 00 29.1	
USA0B	Ussuriysk Arra	35.97	280	P	P	15 00 29.4	-1.9
USA0B	comp-Z,25nm,0.9s					15 00 29.4	-1.9
USA0B	Ussuriysk Arra	35.97	280	P	P	15 00 29.4	-1.9
USA0B	comp-Z,25nm,0.9s					15 00 29.4	-1.9
USA0B	Ussuriysk Ar	35.97	280	P	P	15 00 31.6	+0.3
USA0B	comp-Z,23nm,0.8s,baz=57,slow=7.6,SNR=35					15 14 28.9	

USRK	Ussuriysk Ar.	35.97	280	P	P	15 00 29.6	-1.7
USRK	Ussuriysk Ar.	35.97	280	P	P	15 00 29.6	-1.7
H11S1	WAKE ISLAND Hy	36.06	211	T	T	15 39 38.9	
H11S1	comp-Z,20,slow=75,SNR=288					15 39 38.9	
H11S2	WAKE ISLAND Hy	36.08	211	T	T	15 39 38.4	
H11S2	comp-Z,20,slow=75,SNR=176					15 39 38.4	
H11S3	WAKE ISLAND Hy	36.08	211	T	T	15 39 47.0	
H11S3	comp-Z,20,slow=75,SNR=73					15 39 47.0	
L04D	Klamath Falls	36.17	84	P	P	15 00 32.8	-0.4
L04D	comp-Z,303					15 00 32.8	-0.4
J05D	Fort Rock, OR	36.26	82	P	P	15 00 34.1	+0.2
J05D	comp-Z,302					15 00 34.1	+0.2
M02C	Galvan	36.28	85	P	P	15 00 34.2	+0.1
M02C	comp-Z,304					15 00 34.2	+0.1
NEW	Newport	36.31	72	P	P	15 00 34.4	+0.2
NEW	comp-Z,9.0nm,0.9s					15 00 52.8	
NEW	Newport	36.31	72	P	Iamb	15 00 34.4	+0.2
NEW	comp-Z,9.2nm,0.8s					15 00 52.8	
NEW	Newport	36.31	72	P	P	15 00 34.3	+0.2
NEW	comp-Z,9.2nm,0.8s					15 00 52.8	
EDM	Edmonton	36.40	63	P	P	15 00 35.7	+0.7
EDM	comp-Z,38nm,0.7s					15 00 35.7	+0.7
EDM	Edmonton	36.40	63	P	P	15 00 36.4	+0.7
EDM	comp-Z,5.6nm,0.9s,baz=46,slow=7.9,SNR=19					15 13 55.5	
MJAR	Matsushiro Arr	36.48	265	P	P	15 00 36.0	+0.2
MJAR	comp-Z,390nm,21.6s,baz=65,slow=34					15 00 36.0	+0.2
MJAR	Matsushiro Arr	36.48	265	P	P	15 00 36.0	+0.2
MJAR	comp-Z,4.0nm,1.0s					15 00 36.0	+0.2
MJAR	Matsushiro Arr	36.48	265	P	P	15 00 36.0	+0.2
MJAR	comp-Z,4.0nm,1.0s					15 00 36.0	+0.2
MAJO	Matsushiro	36.48	265	P	P	15 00 35.9	+0.1
MAJO	comp-Z,16nm,1.0s					15 00 57.2	
MAJO	Matsushiro	36.48	265	P	P	15 00 35.9	+0.1
MAJO	comp-Z,22nm,1.1s					15 00 57.2	
MAT	Matsushiro	36.48	265	P	P	15 00 36.4	+0.6
MAT	comp-Z,16.0nm,1.3s					15 00 16.0	+1.3
VLA	Vladivostok	36.60	278	eP	P	15 00 37.0	+0.4
VLA	comp-Z,4.1nm,0.9s					15 00 37.0	+0.4
N02D	Trinity Center	36.61	86	P	P	15 00 36.0	-0.9
N02D	comp-Z,30					15 00 36.0	-0.9
M04C	Macdoel	36.70	84	P	P	15 00 38.6	+0.9
M04C	comp-Z,304					15 00 38.6	+0.9
K05A	Summer Lake	36.77	82	P	Iamb	15 00 38.6	+0.3
K05A	comp-Z,10nm,0.8s					15 01 04.5	
I07A	Izeze	36.91	79	P	P	15 00 40.6	+1.2
O02D	Mt. Diablo Mer	37.01	87	P	P	15 00 42.1	+1.8
O02D	comp-Z,305					15 00 42.1	+1.8
MDJ	Mudanjiang	37.23	282	P	P	15 00 41.7	-0.3
MDJ	comp-Z,21nm,0.7s					15 00 41.7	-0.3
MDJ	Mudanjiang	37.23	282	P	P	15 00 41.0	-0.9
MDJ	comp-Z,100nm,5.5s					15 00 42.9	
MDJ	Mudanjiang	37.23	282	P	Iamb	15 00 41.0	-0.9
MDJ	comp-Z,16nm,0.8s					15 00 42.9	
F10A	Beach Ranch, E	37.34	75	P	P	15 00 42.4	-0.6
F10A	comp-Z,10nm,0.8s					15 00 44.0	+1.0
MSHR	Mys Shultsa	37.34	278	eP	P	15 00 44.0	+1.0
MSHR	comp-Z,22nm,0.8s					15 00 45.4	+0.4
O03E	Paynes Creek	37.56	86	P	P	15 00 45.4	+0.4
O03E	comp-Z,305					15 00 45.4	+0.4
WALA	Waterton Lakes	37.84	69	P	Iamb	15 00 47.8	+0.6
WALA	comp-Z,12nm,0.9s					15 01 10.0	
J08A	Circle Bar Ran	37.92	80	P	Iamb	15 00 49.2	+1.2
J08A	comp-Z,231nm,18.3s,baz=312,slow=36					15 01 17.4	
INU	Inuyama	37.99	264	P	Iamb	15 00 48.4	-0.1
INU	comp-Z,6.3nm,1.0s					15 01 06.6	
JTMT	Jette	38.24	71	P	Iamb	15 00 51.6	+1.0
JTMT	comp-Z,8.4nm,0.8s					15 01 15.7	
WVOR	Wild Horse Val	38.33	81	P	P	15 00 52.4	+1.0
WVOR	comp-Z,8.0nm,0.9s					15 00 52.4	+1.0
WVOR	Wild Horse Val	38.33	81	P	Iamb	15 00 52.4	+1.0
WVOR	comp-Z,8.0nm,0.9s					15 01 11.5	
MSO	Missoula	38.89	72	P	Iamb	15 00 56.5	+0.4
MSO	comp-Z,7.7nm,0.9s					15 01 21.0	
MSO	Missoula	38.89	72	P	P	15 00 54.7	-1.4
MSO	comp-Z,8.2nm,0.8s					15 01 21.0	
JWT	Wachi	39.04	266	P	P	15 00 57.3	0.0
JWT	comp-Z,300					15 00 59.5	
PAHR	Pah Rah Range	39.41	85	P	P	15 01 01.1</	

5d 14h

WUAZ	comp=Z,5.9nm,0.8s	IAMB	IAMB	15 02 23.0
WUAZ	Wupatki baz=310	46.99	84 P	P 15 02 03.1 +1.3
PV01	Paradox Valley	47.07	79 P	P 15 02 02.2 -0.3
PV01			IAMB	IAMB 15 02 30.6
ULM	comp=Z,7.7nm,0.7s			15 02 05.0 +0.6
ULM	Lac du Bonnet	47.37	59 P	P 15 02 05.0 +0.6
ULM			LR	15 22 07.5
ULM	comp=Z,3.47nm,20.7s,baz=318,slow=6.9,SNR=7.3			15 02 04.5 +0.2
ULM	Lac du Bonnet	47.37	59 P	P 15 02 04.5 +0.2
ULM			Pmax	15 02 06.7
ULM	comp=Z,2.3nm,1.4s			15 02 08.4 +1.0
ULM	Lac du Bonnet	47.37	59 P	P 15 02 08.4 +1.0
MVCO	Mesa Verde	47.70	80 P	P 15 02 08.4 +1.0
ISCO	baz=309			15 02 08.4 -0.2
ISCO	Idaho Springs	47.85	76 P	P 15 02 08.4 -0.2
ISCO	baz=308			15 02 09.9 +0.5
BJJ	Beijing	48.00	285 P	P 15 02 09.9 +0.5
BJJ			pP	15 02 23.9 +1.9
BJJ			spP	15 03 36.5 -0.4
BJJ			S	15 08 59.8 -4.4
BJJ			pmax	
BJJ	comp=Z,2.0nm,0.8s			15 02 14.3 -0.2
BJJ			LR	15 02 16.9
BJJ	comp=Z,4.50nm,19.2s			15 02 18.1 +0.7
BJJ			LR	15 03 40.9 +0.2
BJT	Baijiatuu	48.02	285 P	P 15 02 09.7 +0.2
BJT			Pmax	
BJT	comp=Z,1.7nm,1.0s			15 02 09.7 +0.2
BJT	Baijiatuu	48.02	285 P	P 15 02 09.7 +0.2
W18A	Petrified Fore	48.27	83 P	P 15 02 13.7 +1.9
S22A	4UR Ranch, Cre	48.38	79 P	P 15 02 13.0 +0.3
AGNM	Agassiz Nation	48.47	61 P	P 15 02 13.0 +0.1
AGNM	Agassiz Nation	48.47	61 P	P 15 02 12.7 -0.2
ULN	Ulaanbaatar	48.65	298eP	P 15 02 14.8 +0.3
ULN			pmax	
ULN	comp=Z,7.0nm,1.0s			15 02 14.3 -0.2
ULN	Ulaanbaatar	48.65	298 P	P 15 02 14.3 -0.2
ULN			IAMB	15 02 16.9
SONM	Songjio Array	49.03	299 P	P 15 02 18.1 +0.7
SONM			P	15 03 40.9 +0.2
SONM	comp=Z,1.9nm,0.7s,baz=74,slow=3.7,SNR=4.0			15 02 16.9 -0.5
SONM	Songjio Array	49.03	299 P	P 15 02 16.9 -0.5
SONM			Pmax	
SONM	comp=Z,5.0nm,1.0s			15 02 16.9 -0.5
SONM	Songjio Array	49.03	299 P	P 15 02 16.9 -0.5
SONM			IAMB	15 02 18.7
SDCO	comp=Z,5.3nm,1.0s			15 02 18.8 -0.2
SDCO	Great Sand Dun	49.20	78 P	P 15 02 18.8 -0.2
ZAK	Zakamensk	49.23	303 eP	P 15 02 19.0 +0.2
ZAK			e	15 03 41.6
ZAK			pmax	
ZAK	comp=Z,13nm,1.2s			15 03 47.9
ZAK			pmax	
ZAK	comp=Z,7.0nm,1.1s			15 03 20.8 -0.4
ZAK			pmax	
B35A	Bob, Littlefor	49.60	60 P	P 15 02 21.4 -0.1
TIA	Taian	49.84	280 P	P 15 02 24.3 +0.8
TIA			pmax	
TIA	comp=Z,12nm,0.9s			15 03 20.2 -1.0
TIA			LR	15 03 47.9
TIA	comp=Z,2.250nm,20.8s			15 03 20.8 -0.4
TIA			LR	15 03 47.9
KSCO	Kaye Shedlock	50.15	75 P	P 15 02 26.6 +0.7
T25A	Trinidad	50.25	78 P	P 15 02 26.2 -0.7
T25A			IAMB	15 02 44.7
H25A	Trinidad	50.25	78 P	P 15 02 27.8 +0.9
HHC	Hu-ho-hao-te	50.27	289 eP	P 15 02 26.8 +0.9
HHC			pmax	
HHC	comp=Z,18nm,0.7s			15 02 26.8 +0.9
HHC			pmax	
ANMO	Albuquerque	50.42	81eP	P 15 02 29.3 +1.1
ANMO			pmax	
ANMO	comp=Z,6.0nm,2.5s			15 02 26.7 -1.4
ANMO	Albuquerque	50.42	81 P	P 15 02 26.7 -1.4
SPTS	Spitsbergen Ar	50.49	357 P	P 15 02 27.2 -0.7
SPTS			pmax	
Y22D	IRIS PASSCALI	50.70	82 P	P 15 02 30.3 0.0
ECSD	EROS Data Cent	50.76	66 P	P 15 02 29.9 -0.5
ECSD			IAMB	15 02 45.2
ECSD	comp=Z,12nm,1.1s			15 02 30.2 -0.2
ECSD	EROS Data Cent	50.76	66 P	P 15 02 30.2 -0.2
BNM	Barren Site	50.84	82 P	P 15 02 30.5 -0.9
EYMN	Ely	51.05	59 P	P 15 02 31.8 -0.7
EYMN			IAMB	15 02 47.6
EYMN	comp=Z,16nm,1.0s			15 02 31.7 -0.8
EYMN	Ely	51.05	59 P	P 15 02 31.7 -0.8
121A	Cookes Peak, D	51.20	85 P	P 15 02 34.8 +0.7
BGNE	Belgrade	51.30	69 P	P 15 02 34.5 -0.1
BGNE	Belgrade	51.30	69 P	P 15 02 34.9 +0.3
BTO	Batou	51.33	289 eP	P 15 02 36.8 +1.9
BTO			S	15 09 52.9 +1.9
BTO			LR	
BTO	comp=Z,1.1um,21.0s			15 02 34.9 -1.3
NJ2	Nanjing	51.52	275 eP	P 15 02 34.9 -1.3
NJ2			pmax	
L34A	Svendsen Farm,	51.99	68 P	P 15 02 38.8 -0.8
CBKS	Cedar Bluff	52.01	73 P	P 15 02 39.1 -0.8
CBKS			pmax	
CBKS	comp=Z,13nm,0.7s			15 02 39.1 -0.8
CBKS	Cedar Bluff	52.01	73 P	P 15 02 39.1 -0.8
CBKS			P	15 02 39.6 -0.2
I37A	Lemond, Waseca	52.41	64 P	P 15 02 41.8 -0.9
SUMG	Summit	52.57	15 P	P 15 02 42.5 -1.5
SUMG			pmax	
SUMG	comp=Z,12nm,1.4s			15 02 42.5 -1.5
SUMG	Summit	52.57	15 P	P 15 02 42.5 -1.5
SUMG			IAMB	15 03 01.8
MNTX	Cornudas Mount	53.26	84 P	P 15 02 48.4 -0.8
MNTX	Cornudas Mount	53.26	84 P	P 15 02 50.4 +1.3
MSTX	Muleshoe	53.34	80 P	P 15 02 49.9 0.0
MSTX			IAMB	15 03 06.5
MSTX	comp=Z,9.7nm,0.8s			15 02 49.8 0.0
MSTX	Muleshoe	53.34	80 P	P 15 02 49.8 0.0
G40A	Rib Lake	53.40	61 P	P 15 02 49.5 -0.5
G40A			IAMB	15 03 05.6
E43A	Lone Tree Farm	54.43	58 P	P 15 02 57.6 +0.2
KAN13	South Haven SW	54.54	73 P	P 15 02 58.9 +0.3
N85A	Joos South For	54.56	67 P	P 15 03 01.0 +0.3
BLOK	Blackwell	54.86	73 P	P 15 03 01.0 +0.3
BLOK			IAMB	15 03 18.6
JFWS	Jewell Farm	54.88	63 P	P 15 03 00.7 0.0
L40A	Anamosa	54.88	65 P	P 15 03 00.7 -0.1
L40A			IAMB	15 03 22.0
P38A	Dawn	55.15	68 P	P 15 03 02.9 +0.1
P38A			IAMB	15 03 16.8
WMOK	Wichita Mounta	55.27	76 P	P 15 03 03.6 -0.2
WMOK			pmax	

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WMOK	comp=Z,6.0nm,1.0s			15 03 03.6 -0.2
WMOK	Wichita Mounta	55.27	76 P	P 15 03 03.6 -0.2
WHN	Wuhan	55.35	277 P	P 15 03 08.3 +4.0
WHN			LR	15 03 32.0
E46A	Sault Ste Mari	55.85	57 P	P 15 03 08.1 +0.3
X34A	Smith Ranch, M	55.94	76 P	P 15 03 08.5 0.0
X34A			IAMB	15 03 32.0
ZALV	comp=Z,1.0nm,1.1s			15 03 08.3 +0.1
ZALV	Zalesovo Beam	55.94	315 P	P 15 03 08.3 +0.1
ZALV			PcP	15 04 08.1 +1.7
ZALV	comp=Z,1.1nm,0.4s,baz=46,slow=4.3,SNR=5.2			15 04 06.9 +0.6
ZALV	Zalesovo Beam	55.94	315 P	P 15 04 06.9 +0.6
ZALV	Lajitas Ar. Si	55.96	84 P	P 15 03 09.0 +0.1
ZALV			IAMB	15 03 25.7
TX32	comp=Z,1.5nm,0.9s			15 03 09.9 +1.1
TX32	Lajitas Array	55.96	84 P	P 15 03 09.9 +1.1
TX32			IAMB	15 03 25.7
TXAR	comp=Z,1.3nm,0.8s,baz=297,slow=5.5,SNR=8.4			15 03 09.9 +1.1
TXAR	Lajitas Array	55.96	84 P	P 15 03 09.9 +1.1
TXAR			LR	15 24 15.0
TXAR	comp=Z,1.07nm,21.7s,baz=0.0,slow=33			15 03 09.0 +0.1
TXAR	Lajitas Array	55.96	84 P	P 15 03 09.0 +0.1
TXAR			P	15 03 09.9 +0.1
TXAR	Lajitas Array	55.96	84 P	P 15 03 09.2 0.0
SSLB	Suanglung	56.02	266 P	P 15 03 08.4 -0.9
P40A	Paris	56.07	68 P	P 15 03 11.3 +0.1
XAN	Xi'an	56.30	284 P	P 15 03 29.8 +3.8
XAN			pP	15 05 18.6 +2.0
XAN			spP	15 10 59.0 +0.8
XAN			S	
XAN	comp=Z,2.6nm,1.1s			15 03 11.7 -1.2
XAN			pmax	15 03 26.2
XAN	comp=Z,1.60nm,6.0s			15 03 12.6 -0.6
XAN			LR	15 03 16.6
XAN	comp=Z,3.60nm,16.5s			15 03 12.7 -1.7
XAN			LR	15 03 27.8
XAN	comp=Z,3.40nm,18.7s			15 03 19.4 +0.3
XAN			LR	15 03 36.8
S39A	Bolivar	56.55	70 P	P 15 03 19.4 +0.3
S39A			IAMB	15 03 36.8
TPUB	comp=Z,4.7nm,0.8s			15 03 19.2 -0.5
TPUB	Ta-pu	56.57	266 P	P 15 03 19.2 -0.5
TPUB			IAMB	15 03 27.8
R40A	comp=Z,1.4nm,0.9s			15 03 19.4 +0.3
R40A	Maddies Station	56.77	69 P	P 15 03 19.4 +0.3
R40A			IAMB	15 03 36.8
X37A	Clayton	57.43	74 P	P 15 03 18.7 -0.5
X37A			IAMB	15 03 19.2 -0.5
P43A	Skaggs, Pawnee	57.45	66 P	P 15 03 20.1 -0.2
CCM	Cathedral Cave	57.52	68 P	P 15 03 20.1 -0.2
CCM	baz=313			15 03 20.2 -1.0
DGZ	Jazzator, Alta	57.61	310 P	P 15 03 20.2 -1.0
DGZ			pP	15 03 47.9
U40A	comp=Z,4.0nm,0.8s			15 03 20.8 -0.4
U40A	Yellville	57.73	71 P	P 15 03 20.8 -0.4
U40A			IAMB	15 03 47.9
U40A	comp=Z,1.6nm,1.4s			15 03 24.1 +1.1
U40A	Yellville	57.73	71 P	P 15 03 24.1 +1.1
U40A			pP	15 03 35.5 +1.9
U40A			spP	15 03 42.0 +4.1
LZH	comp=Z,2.2nm,1.1s			15 03 22.5 -0.4
LZH			LR	15 03 50.5
LZH	comp=Z,500nm,14.9s			15 03 21.0 -1.8
LZH			LR	15 03 23.6 +0.1
LZH	comp=Z,600nm,14.9s			15 03 36.9 -3.4
LZH			LR	
W39A	comp=Z,500nm,17.3s			15 03 22.7 -0.7
W39A	Magazine	57.97	72 P	P 15 03 22.5 -0.4
W39A			IAMB	15 03 50.5
W39A	comp=Z,12nm,1.2s			15 03 21.0 -1.8
W39A	Magazine	57.97	72 P	P 15 03 21.0 -1.8
W39A			P	15 03 23.6 +0.1
GTA	Gaotai	58.04	294 eP	P 15 03 26.0 +0.1
GTA			pP	15 03 36.9 -3.4
GTA			pmax	
GTA	comp=Z,7.0nm,1.0s			15 03 22.7 -0.7
GTA			pmax	15 03 37.8
GTA	comp=Z,63nm,5.7s			15 03 25.4 +0.8
GTA			LR	15 31 03.5
GTA	comp=Z,190nm,18.9s			15 03 24.0 -0.6
GTA			LR	15 03 34.6
GTA	comp=Z,390nm,18.9s			

5d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KARP, BRDR, SMG, ZKR, AKMS, ALFC, NATA, SZAC, ASGA.

IDC 05 15:19:54.5-3.9, 1971S-175.43W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.5/22, mbmp3.6/2, Error ellipse: s-maj=229.7km s-min=55.0km az=151.0, Tonga Islands

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

TIR 05 15:19:57.1, 40.15N-20.70E, h17km, 1km, Md2.6, Ml2.7, ATH 05 15:19:58.3, 40.09N-20.74E, h12km, 4km, ML2.1/5, Error ellipse: s-maj=4.7km s-min=1.1km az=337.0

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

THE 05 15:19:58.5, 40.09N-20.74E, h2km, 19km, ML2.0/5, Error ellipse: s-maj=19.3km s-min=0.4km az=312.0

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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

ISC 05 15:19:59.9, 3.1, 40.09N-0.04, 20.80E, 0.04, h7km, 14km, n17, c0541/28, Greece-Albania border region

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Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EKS2, MRKS, KZA, AAK, CHMS, DZA, BOOM, KTH, IL31, ILAR, MESA, DOT, SCRK, TOLK, K27K, EGAK, EGAK, BLSI, KASI, TNG, TNG, TNG, TNG, DBUJ, CBJI, CBJI, LWLI, LWLI, MDSI, CNIJ, LEM, LEM, CISI, CISI, LHSI, LHSI, JCJI, PMBI, PMBI, EGGI, KPIJ, UBSI, CTJI, PPBI, TPI, XMSI, JMBI, SMRI, UGM, UGM, PCJI, SJI, PWJI, PBKI, PPI, BTDF, STKI, MNSI, COCO, GSI, RPSI, TTSI, BNSI.

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

AEIC 05 15:37:36.2, 2.2, 51.31N-10.09E, 174.39W, 0.03, h14km, 8km, ML3.5, mb3.8/12(NEIC), Error ellipse: s-maj=12.6km s-min=2.0km az=171.0

NEIC 05 15:37:41.3, 1.4, 51.31N-10.09E, 174.59W, 0.09, h21km, 15km, Error ellipse: s-maj=18.2km s-min=6.1km az=161.0

ISC 05 15:37:41.3, 1.4, 51.31N-10.09E, 174.59W, 0.08, h39km, n37, c1935/35, Androan Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ATKA, KOPF, BRKL, GSGI, GSMY, GSTR, GSTD, ADK, KIBW, KIKV, KICM, KIMD, TAPA, TAFP, TASE, GALAA, NIKH, AMKA, LSSA, MAFS, SMY, CNBA, OHAK, KDAD, CNPM, SEW, SEW.

ISC 05 15:41:44.0, 0.5, 6.05S-105.22E, h0km, mb4.6/20, mb1 4.6/22, mb1mx4.5/40, mbmp4.6/22, ML4.3/2, MS3.8/12, Ms1 3.8/12, ms1mx3.4/44, Error ellipse: s-maj=22.1km s-min=11.5km az=53.0

DJA 05 15:41:44.0, 0.5, 6.05S-105.22E, h10km, M4.7/36, mb5.2/9, mb4.7/36, ML4.8/24, Mw(MB)4.6/9

NEIC 05 15:41:52.9, 2.5, 6.00S-105.45E, 0.08, h56km, 6km, mb4.8/59, Error ellipse: s-maj=13.0km s-min=8.9km az=47.0

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BLSI, BLSI, KASI, KASI, TNG, TNG, TNG, TNG, DBUJ, DBUJ, CBJI, CBJI, LWLI, LWLI, MDSI, CNIJ, LEM, LEM, CISI, CISI, LHSI, LHSI, JCJI, PMBI, PMBI, EGGI, KPIJ, UBSI, CTJI, PPBI, TPI, XMSI, JMBI, SMRI, UGM, UGM, PCJI, SJI, PWJI, PBKI, PPI, BTDF, STKI, MNSI, COCO, GSI, RPSI, TTSI, BNSI.

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

ISC 05 15:41:51.7, 0.9, 6.03S-105.40E, 0.04, h46km, 8km, n222, c1983/214, mb4.7/61, MS4.0/17, 15C-6D, Sundra Strait

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like MPST, EDPI, MMRI, TOLZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like STKA, STKA, GMA, GMA, GMA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like MLR, MLR, BIZ, DOPR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Quartz Range, Topohouse, Kahutara, Lake Taylor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Purmar, Bad Segeberg, Ruersdorp, Niederschach, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Matakaoa Point, Waomatatini S, Pakihiroa, etc.

IDD 05 17:25:50.51, 1.9, 35', 405x179', 32W, h0km, mb4.4/4, mb1.3/1.4, mb1mx4.0/33, mbmtmp4.4/5, ML4.0/1, Error ellipse: s-maj=57.3km s-min=29.5km az=140.0, WEL 05 17:25:55.6, 1.2, 35', 510x179', 17W, 1.3, h55km, 15km, MH, 4/12, ML, 4/12, ML, v4/4/12, Error ellipse: s-maj=0.0km s-min=0.0km az=121.0, NEIC 05 17:25:56.5, 1.0, 35', 55.0x179', 3W, 0.2, h38km, 9km, mb4.5/8, Error ellipse: s-maj=21.6km s-min=14.0km az=126.0, ISC 05 17:25:56.6, 1.1, 35', 475x0.08:179', 2W, 0.1, h47km, n38,

IDD 05 17:53:07.2, 1.9, 56', 815x151', 56W, h0km, mb3.7/4, mb1.3/9.4, mb1mx3.7/32, mbmtmp3.7/4, MS3.3/1, Ms1.3/3/1, sm1mx3.0/21, Error ellipse: s-maj=52.9km s-min=32.9km az=70.0, ISC 05 17:53:08.9, 1.6, 56', 95x0.2x151', 4W, 0.3, h10km, n28, s1947/11, mb3.9/4, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Vanda, GQSA, TBI, PPT2, VAH, VNA3, SNA4, VNA2, H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, H01W1, H01W2, H01W3, WRA, H10S3, H10N3, H10N1, H10N2, ILAR, ZALV.

IDD 05 17:55:38.0, 5.6, 6.59S:129', 81E, h121km, 72km, mb3.2/1, mb1.3/1.4, mb1mx2.9/35, mbmtmp3.4/4, Error ellipse: s-maj=136.7km s-min=24.2km az=80.0, Banda Sea, Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like SIJ1, WRA, ASAR, MKAR, ZALV.

mb4.3/6, mb4.7/4, MLV4.4/12, Mw(mb)4.0/4
IDC 05 17:59:11.0, 2.6, 3.01N, 123.19E, h526km, 36km, mb3.5/12,
mb1.3/14, mb1mx3.2/42, mb19E, 4/14, Error ellipse:
s-maj=44.3km s-min=11.7km az=72.0

mb1.3/6.8, mb1mx3.3/37, mbtmp4.1/8, Error ellipse:
s-maj=25.7km s-min=16.6km az=72.0
DJA 05 18:02:37.0, 0.3, 8'S, 3'12"E, h182km, 5km, M4.2/13,
mb4.2/6, mb4.6/2, MLV4.1/13, Mw(mb)3.8/2
ISC 05 18:06:0.0, 7.8, 15S, 122.90E, 0.05, h195km, 7km,
n47, r131/58, mb4.5/5, Flores region

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

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

Table with columns: SBA, Scott Base, 45.65 184, P, Iamb, 18 14 157.07, 18 14 23.6. Lists seismic stations and their coordinates.

NOU 05 18:45:39.3, 35.79S, 178.78E, h290km, ML4.5/10, Off E.
IDC 05 18:45:46.2, 3.7, 35.77S, 178.22E, h172km, 24km, mb3.8/6,
mb1.4/0.7, mb1mx3.7/25, mbtmp4.3/7, Error ellipse:
s-maj=47.0km s-min=16.5km az=52.0

NEIC 05 18:45:49.4, 1.7, 36.0S, 0.1, 178.17E, 0.1, h193km, 7km,
mb4.5/15, Error ellipse: s-maj=18.1km s-min=11.7km
az=51.0
WEL 05 18:45:51.2, 1.4, 36.6S, 21.17E, 18.0E, 2.1, h180km, 24km,
M4.0/9, ML4.3/9, MLV4.0/9, Error ellipse: s-maj=0.0km
s-min=0.0km az=134.1

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

NEIC 05 18:02:36.4, 1.3, 8.09S, 0.08, 122.92E, 0.09, h194km, 9km,
mb4.5/12, Error ellipse: s-maj=16.2km s-min=6.1km
az=131.0

IDC 05 18:02:36.4, 1.4, 8.13S, 122.89E, h194km, 10km, mb3.8/3,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like AS31 Alice Springs, ASAR Alice Springs, WB2 Warramunga Arr, etc.

MDD 05 18:48:10.0, 2.3, 36.46N, 13.56W, h0km, mb3.7/9 Error ellipse: s-maj=22.6km s-min=17.4km az=6.0, PRXIMO

INMG 05 18:48:11.5, 1.0, 36.46N, 14.00W, h10km, ML2.2 Error ellipse: s-maj=13.7km s-min=7.6km az=153.0

CNIRM 05 18:48:13.1, 36.09N, 12.87W, h30km ISC 05 18:48:12.0, 3.8, 36.6N, 0.1, 13.4W, 0.2, h10km, n40, o1544/57, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like PVF1 Vila Bisbo, PTEO Sao Teotonio, PMAFR Mafra, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like MVO 17m,1.4s, SNR=7.9, MVO 1.6m, 2.3s, SNR=7.9, etc.

NEIC 05 19:15:56.8, 1.5, 30.37N, 0.04, 80.34E, 0.09, h10km, 1km, mb4.1/13, Error ellipse: s-maj=13.6km s-min=7.5km az=261.0

ICD 05 19:15:56.1, 0.9, 30.36N, 80.54E, h0km, mb3.7/17, mb1.3, 9/19, mb1mx3.8/44, mbmp3.7/19, ML3/4.2, MS3.1/3, Ms1.3, 1/3, ms1mx2.8/33, Error ellipse: s-maj=26.5km s-min=14.7km az=41.0

NDI 05 19:15:57.3, 3.3, 30.19N, 80.51E, h10km, ML4.3, mb4.1 (NEIC) ISC 05 19:15:56.5, 0.5, 30.29N, 0.05, 80.50E, 0.05, h11km, n59, o2507/59, mb3.9/19, Western Xizang-india border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like PTH Pithoragarh, PDI Dehra Dun, SMLA Simla, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like OK029 Liberty Lake, BLOK Blackwell, BCOK Bluff Creek, etc.

ICD 05 19:48:49.9, 1.0, 22.11N, 144.03E, h111km, 7km, mb3.9/19, mb1.4, 1/22, mb1mx3.9/36, mbtmp4.3/22, MS3.0/3, Ms1.3, 1/3, ms1mx2.6/46, Error ellipse: s-maj=16.8km s-min=13.5km az=77.0

NEIC 05 19:48:51.1, 1.2, 22.20N, 0.08, 143.9E, 0.1, h115km, 2km, mb4.5/81, Error ellipse: s-maj=19.8km s-min=11.0km az=74.0

ISC 05 19:48:49.4, 0.5, 22.20N, 0.06, 143.93E, 0.09, h105km, n240, o593/245, mb4.5/60, Valco Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like JCJ Chichijima, JCJ Chichijima, JHJ Hachijo jima, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KSU1 Kansas State U, MIAR Mount Ida, S39A Bolivar, U40A Yellville, Z38A Mt. Pleasant, etc.

IDC 05 20:20:26.9, 6.42S, 148.97E, h100km, 50km, mb2.9/1, mb1.3/4.3, mb1mx3.0/32, mbtmp3.6/3, Error ellipse: s-maj=123.3km s-min=52.2km az=19.0, New Britain region

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

IDC 05 20:20:20.0, 9.0, 6.9, 06S, 80.65W, h0km, mb4.3/19, mb1.4/5.23, mb1mx4.3/43, mbtmp4.3/23, M1.3/9.4, MS3.9/4, Ms1.3/9.4, ms1mx3.2/31, Error ellipse: s-maj=19.4km s-min=13.6km az=43.0

NEIC 05 20:20:26.2, 1.7, 9.10S, 0.06, 80.50W, 0.09, h33km, 4km, mb4.7/122, Error ellipse: s-maj=13.6km s-min=8.0km az=67.0

VAO 05 20:20:31.0, 1.3, 8.66S, 79.70W, h10km, mb4.5, ISC 05 20:20:26.2, 0.4, 9.09S, 0.06, 80.51W, 0.07, h35km, n197, e1925/199, mb4.7/73, MS4/3, Off coast of northern Peru

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ATAH Athalupa, NNA Nana, PACTO Pacto, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like VILB Vilhena, MACA Manacapurua, AC02 Maricunga, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IMW Indian Meadow, FLWY Flagg Ranch, WAKR Walker, etc.

Table with columns for location (e.g., Wadi Sarin, Banah, Masaf), time (e.g., 23.35 244), and status (e.g., P, Pmax, I). Includes sub-sections like WADI SARIN, BANAH, MASAF, etc.

Table with columns for location (e.g., Hailar, Nanjing, Kirov), time (e.g., 31.01 52), and status (e.g., P, Pmax, S). Includes sub-sections like HAILAR, KIROV, GURO, etc.

Table with columns for location (e.g., Carcaliu, Minsk, Elmal), time (e.g., 41.11 300), and status (e.g., P, Pmax, I). Includes sub-sections like CARCALIU, MINSK, ELL, etc.

5d 21h

Table with columns: MORC, Moravsky Berou, 47.71 308, P, 21 13 05.4 +0.4, etc. Lists various stations and their coordinates and status.

2015 AUG

Table with columns: GRF, Grafenberg Arr, 51.76 309, P, 21 13 37.7 +1.9, etc. Lists various stations and their coordinates and status.

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Table with columns: N25K, KDKA, KDKA, 76.53 26, P, 21 16 18.0 -0.3, etc. Lists various stations and their coordinates and status.

IDC 05 21:04:44.7z 1.1, 31:55S:67:79W, h35km, 7km, mb3.3/1, m1 3.2/3, ms1mx3.5/24, mbtmp3.7/4, ML4.0/3, MS3.2/3, s-mj=20.9km az=85.0, Error ellipse: s-maj=53.4km

ISC 05 21:04:42.6z 1.0, 31:46S:67:99W=0.2, h28km, n9, r1546/11, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Lists station codes and names with associated data.

NEIC 05 21:23:41.1z 1.5, 53:14N:0:09:166:87W:0.0, h38km, 20km, Error ellipse: s-maj=14.2km s-min=6.1km az=155.0

Table with columns: ZKR, comp=N, 245m, 0.5s, AML, AML, 22 38 49.6, etc. Lists various stations and their associated data.

RSNC 05:22:43-14.2.1, 1.6:82N-73:14W, h141km, 4km, ML3.4, Mw3.7, BC-10D, Fault plane solution, NPI1, 652,000000, 870,000000, 16.000000, Northern Colombia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc. Lists station codes and names like BARC, BRRC, PAMC, etc.

Table with columns: ARGC, Ariguani, Magd, 3.22 340, eP, Pn, 22 44 04.5 +0.5, etc. Lists stations like Santo Domingo, Santa Ana, etc.

NEIC 05:22:46:37.5.1.4, 16.4S:0.1x175.78W:0.09, h262km, 9km, mb4.3/17, Error ellipse: s-maj=20.6km s-min=8.7km

IDC 05:22:46:41.7.10.0, 16:36S:175.82W, h310km, 103km, mb3.4/5, mb1.3.7/5, mb1mx3.3/29, mbmp4.1/5, Error ellipse: s-maj=100.7km s-min=29.3km az=144.0

ISC 05:22:46:39.7.0.7, 16.55S:0.1x175.78W:0.1, h300km, n27, 0126/29, mb4.0/13, Tonga Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc. Lists station codes and names like NIUE, DZM, URZ, etc.

NEIC 05:22:51:57.8.1.9, 6:95S:0:08:155:73E:0.09, h62km, 4km, mb4.3/17, Error ellipse: s-maj=15.2km s-min=9.2km

IDC 05:22:52:02.2.2.2, 6:95S:155:55E, h104km, 20km, mb3.7/11, mb1.3/14, mb1mx3.7/30, mbmp4.1/14, MS3.5/6, Ms1.3.5/6, ms1mx3.2/24, Error ellipse: s-maj=17.5km s-min=15.2km az=26.0

ISC 05:22:52:01.8.0.5, 6:95S:0:08:155:49E:0.08, h100km, m57, 0098/51, mb3.9/17, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc. Lists station codes and names like RABL, HNR, PMG, etc.

Table with columns: STKA, comp=Z, 110nm, 18.7s, baze=31, slow=34, LR, LR, 23 08 08.9, etc. Lists stations like WAKE ISLAND, WAKE ISLAND Hy, etc.

TUL 05:23:09:33.7.1.3, 36:63N:0:02:97:81W:0.03, h3km, 9km, ML3.3, mb, Lg3.1/101(NEIC), Error ellipse: s-maj=3.6km s-min=2.2km az=69.0

ANF 05:23:09:33.7.0.2, 36:60N:97:81W, h3km, ML3.7/13, Error ellipse: s-maj=1.8km s-min=1.7km az=154.0

NEIC 05:23:09:33.9.0.8, 36:60N:0:02:97:80W:0.03, h3km, 7km, Error ellipse: s-maj=3.4km s-min=2.4km az=64.0

IDC 05:23:09:33.5.2.0, 36:69N:97:91W, h0km, mb1.3/3.3, mb1mx3.2/41, mbmp3.0/3, ML3.0/3, Error ellipse: s-maj=30.6km s-min=12.7km az=103.0

ISC 05:23:09:33.9.1.0, 36:61N:0:02:97:81W:0.02, h7km, 9km, n99, 0061/75, Oklahoma

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc. Lists station codes and names like CROK, GCO2, OK03, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Station Name, and other details. Includes stations like R32A Long Quarter, X34A Smith Ranch, WMOK Wichita Mounita, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Station Name, and other details. Includes stations like I42A Draeger Farm, PDAR Pinedale Array, etc.

IDC 05 23:16:43.8,6.4, 15.125;167.46E,h106km,51km,mb3.5/5, mb1 3.7/6,mb1mx3.4/27,mbtmp3.9/6,Error ellipse: s-maj=45.5km s-min=33.2km az=36.0

NEIC 05 23:16:45.2,1.0, 15.195;0.03;167.6E;0.2,h119km,6km, mb4.3/12,Error ellipse: s-maj=22.9km s-min=3.9km az=95.0

ISC 05 23:16:45.4,0.7,15.185;0.09;167.5E;0.1,h129km,n30, r145/101,mb4.3/10,Vanuatu Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, Station Name, and other details. Includes stations like SANVU Sarautout, SANVU Ouen Toro, etc.

IDC 05 23:19:32.5,1.0,27.25N;66.03E,h0km,mb4.0/20, mb1 4.1/22,mb1mx4.0/44,mbtmp4.0/22,ML4.0/2,MS3.2/8, Ms1 3.2/8,ms1mx2.9/42,Error ellipse: s-maj=20.6km s-min=16.2km az=170.0

NEIC 05 23:19:34.5,1.3,27.30N;0.09;66.04E;0.09,h10km,1km, mb4.3/31,Error ellipse: s-maj=16.6km s-min=12.2km az=145.0

ISC 05 23:19:35.9,0.5,27.26N;0.07;66.06E;0.05,h25km,n96, r145/101,mb4.3/10,MS3.1/6,Phase ID

Table with columns: Code, Station Name, Frequency, Power, Mode, Station Name, and other details. Includes stations like THW Thamme Wali, KBL Kabul, WSAR Wadi Sarin, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Station Name, and other details. Includes stations like CHMS Chumysh, TARG Taragay, USP Ospenova, etc.

ISK 05 23:56:34.2,41.39N;43.20E,h5km,ML3.2/11 DUA 05 23:56:34.6,41.37N;43.22E,h7km,2km,ML3.1 TIF 05 23:56:34.3,41.35N;43.25E,h10km NSSP 05 23:56:34.8,41.48N;43.23E,h5km,MS3.3 NOROS 05 23:56:36.1,0.0,41.59N;43.16E,h1km,MPVA4.1 MOS 05 23:56:36.0,0.0,41.56N;43.18E,h1km,MPVA4.1 ISC 05 23:56:34.0,8.41;34N;0.01;43.24E;0.02,h15km,6km, n73,r104/135,Turkey-Georgia-Armenia border region

6d 1h

Table with columns: EPOS, I S, Sg, Time, Res. Lists various seismic stations and their parameters.

2015 AUG

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists seismic events with detailed parameters.

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Table with columns: MKAR, NOA, UREA, etc. Lists seismic stations and their parameters.

ICD 06 00:24:22.8.6.2, 8.56S:124.01E, h91km, 71km, mb3.6/2, mb1 3.6/4, mb1mx3.3/27, mbtmp3.8/4, ML3.6/2, Error ellipse: s-maj=79.8km s-min=36.2km az=42.0

ICD 06 00:24:23.2.1.4, 8.6S:0.1:124.1E:0.2, h96km, n5, c088/6, 5.5m, Tisr region

ICD 06 01:11:42.8.0.5, 4.4:02N:141.26E, h218km, 4km, mb3.4/14, mb1 3.6/20, mb1mx3.4/48, mbtmp4.0/20, Error ellipse: s-maj=17.44km s-min=10.7km az=15.10

NVAR	Mina Array Bea	70.96	55	P	P	01 22 38.4	+2.2
PDAR	Pinedale Array	72.90	47	P	P	01 22 48.9	+1.2

NEIC 06 01:15:30.5:2.0, 5.5:68S:0.07x:146.0E:0.1, h27km, 7km, mb4.2/9, Error ellipse: s-maj=21.1km s-min=9.6km az=88.0

IDC 06 01:15:33.0:2.9, 5.6:8S:146.09E, h48km, 30km, mb3.8/10, mb1.4, 1/13, mb1mx3.9/33, mbtmp4.1/13, ML4.0/2, MS3.5/1, Ms1.3/1, ms1mx2.6/39, Error ellipse: s-maj=28.0km s-min=17.9km az=74.0

ISC 06 01:15:33.9:0.6, 5.6:4S:0.05x:146.1E:0.1, h69km, n34, e149/31, mb4.1/10, Eastern New Guinea region

Code	Station Name	Δ°	AZ°	Op	Phase ID	ISC	h	m	s	ISC	Time	Res
MANU	Manus Island	3.77	19	Ph	Pn	P	01	16	27.3	-2.5		
PMG	Port Moresby	3.88	165	P	P	P	01	16	30.4	-0.9		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 17 13.8	-1.8
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 18 22.6	
PMG	comp=Z, 643nm, 21.7s, baz=346, slow=44											
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	16	30.3	-0.9		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 17 17.5	+1.9
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 18 53.1	-0.9
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	19	39.6	-0.8		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 19 57.8	
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 20 14.0	
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	19	59.1	-1.8		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 20 58.7	+2.1
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 21 02.7	
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	21	05.5	+1.0		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 21 02.7	-1.9
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 21 54.3	
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	21	54.5	-0.8		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 21 56.9	
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 06.7	
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	06.7	-1.8		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 07.3	
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 08.1	
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	08.1	-0.1		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 08.1	
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 09.9	
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	09.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	+1.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32nm, 0.3s, baz=358, slow=6.1, SNR=6.8			S							01 22 10.9	-0.5
PMG	32nm, 0.3s, baz=171, slow=23, SNR=4.1			LR	LR						01 22 10.9	-0.5
PMG	Port Moresby	3.88	165	Pn	Pn	P	01	22	10.9	-0.5		
PMG	32											

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Muleshoe, Pinyon Flats, Wupatki, Hualapai Mount, etc.

NAO 06:04:51:14.5t-1.9, 79.03N-0.80W, ML3.3
BER 06:04:51:16.7z-2.9, 78.96N-0.41W, h10km, ML2.3,
ML2.9(DNK), Confirmed Earthquake
DNK 06:04:51:16.4z-2.7, 78.88N-0.23W, h26km, 35km, ML2.9
ISC 06:04:51:13.1z-1.0, 78.91N-0.07-0.66W-0.04, h10km, n22,
g263/33, 2D, Greenland Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Kingsbay, Barentsburg, Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like NEEM North Greenland, SUMG Summit, IROC Station P, etc.

ISC 06:04:55:51.2z-4.8, 0.1620S-175.85W, h0km, mb4.2/3,
mb1.4-4.3, mb1mx3.7/29, mbtmp4.2/3, Error ellipse:
s-maj=899.1km s-min=167.7km az=78.0, Tonga Islands

MOS 06:05:05:47.0t-1.4, 9.41S; 116.06E, h43km, mb5.4/50, Error
ellipse: s-maj=9.4km s-min=4.9km az=118.7,
GCMT 06:05:48.9, 0.2, 9.93S; 0.02, 115.97E; 0.02, h42km, 1km,
MW5.0/89, Moment Tensor Solution. s67.c86; s89.c125;
Duration: 0 Moment tensor: Scale 10^19Nm; Mr2.99t.15;
Mw-3.45t.10; Mw0.45t.12; Mw2.08t.11; Mw0.81t.10;
Mw1.16t.11; Best double couple: Mw4.30500t.1016
NP1:ph271.000000, s27.000000, lambda1.000000. NP2:
ph69.000000, s65.000000, lambda80.000000. Principal axes: T
4.0440, Plig68.0000, Azm320.0000; N 0.5190,
Plig9.0000, Azm73.0000; P -4.5660, Plig20.0000;
Azm166.0000. nstai refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function.

DJA 06:05:48.8, 0.2, 10.5S; 2.116E; h44km, 3km, Ms.2/60,
mB5.7/30, mB5.4/60, MLV5.5/24, Mw(mB)5.2/30,
MwMwp5.0/4, Mwp5.3/4
ISC 06:05:50.0, 0.7, 9.50S; 116.08E, h57km, 5km, mb4.7/30,
mb1.4-8/32, mb1mx4.8/38, mbtmp5.0/32, MS4.1/26,
Ms1.4/26, ms1mx4.0/34, Error ellipse: s-maj=13.3km
s-min=9.5km az=59.0
NEIC 06:05:49.9, 1.9, 9.78S; 0.07, 115.94E; 0.04, h35km, 4km,
mB5.3/100, Error ellipse: s-maj=11.3km s-min=4.2km
az=198.0
BJI 06:05:50.0, 0.0, 9.70S; 116.00E, h71km, mB5.1/38,
mB5.2/68, Ms4.6/32, Ms7.4/4/33

ISC 06:05:50.0, 2.0, 4.96S; 0.04, 115.99E; 0.04, h64km, 2km,
h64km; PP-P, n800, i933/838, mb5.3/157, 61C-46D, Fault
plane solution: NP1:ph58.11142z, s79.18974z,
s67.04417z. NP2:ph304.22736z, s25.24870z, s153.91464z.
Principal axes: T Plig50.5497z, Azm302.3878z; N
Plig22.5258z, Azm62.6536z; P Plig30.4596z.
Azm166.7709z; South of Bali

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like YOGI Yogyakarta, KAPI Kappang, BKSI Bulukumba, SMRI Maumere, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZALESOVO INFRA, ZAAO Zalevovo Array, ZALV Zalevovo Beam, etc.

IDC 06 07:11:39.9:23.0, 20:34S:176.91W, h277km, 166km, mb3.0/1, mb1 3.2/3, mb1mx2.9/25, mbtmp3.6/3, MS3.5/1, Ms1 3.5/1, ms1mx2.7/10, Error ellipse: s-maj=364.1km s-min=58.7km az=143.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSFV Nonavau, RAO Raoul Island, ASAR Alice Springs, etc.

IDC 06 07:20:52.8:30.0, 37:02N:71.36E, h201km, 97km, mb3.2/1, mb1 3.3/5, mb1mx2.9/38, mbtmp3.9/5, Error ellipse: s-maj=374.6km s-min=47.5km az=175.0, NNC 06 07:20:53.8:2.9, 37:14N:71.25E, h197km, 41km, mb2.9, mpv3.7, Error ellipse: s-maj=28.4km s-min=17.6km az=25.0

ISC 06 07:20:53.8:2.3, 37:1N:02:71.3E:0.1, h200km, n10, c0563/14, 6C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, AAK Ala-Archa, TKM2 Tokmak 2, etc.

IDC 06 07:30:06.9:1.7, 25:03S:179.69E, h498km, 14km, mb3.3/1, mb1 3.3/12, mb1mx3.4/29, mbtmp4.1/12, Error ellipse: s-maj=31.3km s-min=15.3km az=149.0

ISC 06 07:30:07.1:0.6, 25:20S:0:09:179.7E:0.1, h507km, n22, c1919/25, mb3.7/1, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSFV Nonavau, DZM Mont Dzumac, URZ Urewera, etc.

Ms1 2.9/1, ms1mx2.3/45, Error ellipse: s-maj=29.4km s-min=26.2km az=140.0, SOME 06 07:52:50.3, 37.68N:77.72E, h5km, BUJ 06 07:52:50.1, 0.1, 37.55N:77.93E, h10km, ML4.0/8, NNC 06 07:52:52.0:2.1, 37.79N:77.81E, h4km, 8km, mb4.5, mpv4.2, Error ellipse: s-maj=14.3km s-min=9.9km az=17.0, ISC 06 07:52:51.6:0.8, 37.67N:0:05:77.71E:0.05, h10km, n46, c277/54, mb3.9/5, 11C-6D, Southwestern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSH Kashi, CHCP Chirah Chok, TNS5 Tian-Shan, etc.

comp=Z, 1.6nm, 0.8s, baz=92, slow=7.2, SNR=6.0, FINES FINES Array B 39.62 324 P P 08 00 22.6 -0.3, comp=Z, 0.9nm, 0.3s, baz=113, slow=1.1, SNR=12, NOA NORSAR Subarra 46.72 322 P P 08 01 19.3 -1.2, NB2 NORSAR Array B 46.72 322 P P 08 01 19.2 -1.2, comp=Z, 1.2nm, 0.8s, baz=90, slow=7.7, SNR=4.1, TORO Torodi Arr. Bea 71.07 272 P P 08 04 07.5 -2.8, comp=Z, 0.3nm, 0.3s, baz=46, slow=5.5, SNR=2.1

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

JMA 06 08:07:14.5:0.4, 33:01N:136:51E, h437km, 4km, M2.8, IDC 06 08:07:15.0:1.3, 33:03N:136:44E, h434km, 24km, mb3.0/7, mb1 3.1/9, mb1mx2.8/55, mbtmp3.9/9, Error ellipse: s-maj=53.2km s-min=12.8km az=74.0

ISC 06 08:07:15.1:0.9, 33:11N:0:09:136:56E:0.07, h450km, n24, c1564/31, mb3.3/7, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TTO1 TONANKAI O.B.S, JYWC Yamagatanai, etc.

IDC 06 08:12:23.7:3.3, 53:54N:87:66E, h0km, mb1 3.0/2, mb1mx2.9/48, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=31.6km s-min=15.9km az=56.0, Southwestern Siberia

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

IDC 06 08:23:18.1:0.9, 35:33N:87:60E, h0km, mb3.9/10, mb1 4.0/14, mb1mx3.8/50, mbtmp3.9/14, ML3.4/4, MS3.7/22, Ms1 3.7/22, ms1mx3.6/33, Error ellipse: s-maj=28.5km s-min=17.3km az=46.0

ISC 06 08:23:23.5:0.7, 35:49N:0:08:87.7E:0.1, h35km, n41, c087/25, mb3.9/10, MS3.7/18, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DANN Danging, GKN Gor'kha, etc.

IDC 06 07:52:47.8:1.8, 37:55N:77:86E, h0km, mb3.7/5, mb1 3.9/7, mb1mx3.6/57, mbtmp3.8/7, ML3.7/2, MS2.7/1,

PEAOB	Petropavlovsk-	20.50	30	P	Pn	09 27 03.8	-0.9
PETK	Petropavlovsk-	20.50	30	P	P	09 27 02.6	+0.5
PETK	comp=Z,14nm,0.9s,baz=209,slow=8.0,SNR=13			PcP	PcP	09 31 11.8	+0.1
PETK	comp=Z,3.2nm,0.8s,baz=197,slow=4.6,SNR=4.1			LR	LR	09 34 57.6	
PET	Petropavlovsk	20.83	32	eP	P	09 27 06.4	+0.8
PET	comp=Z,324nm,21.7s,baz=224,slow=36			eS	S	09 30 48.1	-6.6
PET	comp=Z,7.6nm,1.1s			pmax	pmax		
PET	comp=Z,200nm,16.0s			MLR	MLR		
PET	comp=Z,300nm,14.0s			MLR	MLR		
PET	Petropavlovsk	20.83	32	P	P	09 27 06.4	+0.8
SSLB	Suanguang	21.15	239	P	P	09 27 06.5	-2.7
YULB	Yu-li	21.17	237	P	P	09 27 07.5	-2.1
TPUB	Ta-pu	21.69	238	P	P	09 27 11.8	-3.3
TPUB	comp=Z,123nm,1.0s			IAMB	IAMB	09 27 20.0	
QWZ	Pinlang	21.71	237	IAMB	IAMB	09 27 19.5	
OZH	Quanzhou	22.11	245	P	P	09 27 16.4	-3.1
OZH	comp=Z,93nm,0.9s			S	S	09 31 17.4	-2.5
OZH	comp=Z,34nm,0.8s			pmax	pmax		
TIY	Taiyuan	22.50	282	eP	P	09 27 24.4	+0.6
TIY	comp=Z,72nm,0.7s			S	pmax	09 31 25.4	-1.6
TIY	comp=Z,72nm,0.7s			LR	LR		
TIY	comp=Z,340nm,10.6s			LR	LR		
TIY	comp=Z,430nm,9.3s			LR	LR		
TIY	comp=Z,1.1m,20.9s			LR	LR		
WHN	Wuhan	22.66	263	UP	P	09 27 23.5	-2.0
WHN	comp=Z,110nm,0.8s			S	S	09 31 23.8	-5.8
WHN	comp=Z,560nm,5.6s			pmax	pmax		
WHN	comp=Z,2.1m,6.8s			LR	LR		
WHN	comp=Z,3.1m,15.2s			LR	LR		
HHC	Hu-ho-hao-te	23.07	290	eP	P	09 27 29.6	-0.1
HHC	comp=Z,43nm,0.9s			S	S	09 31 34.3	-2.2
HHC	comp=Z,180nm,6.6s			pmax	pmax		
HHC	comp=Z,380nm,12.3s			LR	LR		
HHC	comp=Z,540nm,16.1s			LR	LR		
HHC	comp=Z,690nm,20.6s			LR	LR		
MA2	Magadan	24.05	13	LR	LR	09 37 02.5	
MA2	comp=Z,308nm,21.6s,baz=186,slow=36			P	P		
MA2	Magadan	24.05	13	eP	P	09 27 38.7	+0.2
MA2	comp=Z,91nm,1.3s			pmax	pmax		
MA2	Magadan	24.05	13	P	P	09 27 39.0	+0.5
MA2	comp=Z,80nm,0.6s			IAMB	IAMB	09 27 49.1	
BTO	Baotou	24.24	289	eP	P	09 27 40.6	0.0
BTO	comp=Z,830nm,12.4s			S	LR	09 31 58.7	+3.3
BTO	comp=Z,2.1m,18.9s			LR	LR		
CIT	Chita	24.67	318	eP	P	09 27 41.1	-3.2
CIT	comp=Z,88nm,1.2s			e	e	09 27 50.6	
CIT	comp=Z,88nm,1.2s			e	e	09 27 56.7	
CIT	comp=Z,88nm,1.2s			e	e	09 28 28.4	
XAN	Xi'an	25.95	274	P	P	09 27 54.7	-1.5
XAN	comp=Z,51nm,0.9s			pP	pP	09 28 06.5	-3.7
XAN	comp=Z,51nm,0.9s			sP	sP	09 28 11.9	-5.0
XAN	comp=Z,51nm,0.9s			PP	Pn	09 28 37.7	+1.5
XAN	comp=Z,51nm,0.9s			SS	S	09 32 20.9	-1.7
XAN	comp=Z,51nm,0.9s			SS	S	09 32 41.4	-5.1
XAN	comp=Z,51nm,0.9s			SS	Sn	09 33 25.7	+1.7
XAN	comp=Z,110nm,0.7s			pmax	pmax		
XAN	comp=Z,260nm,3.6s			pmax	pmax		
XAN	comp=Z,580nm,17.5s			LR	LR		
XAN	comp=Z,610nm,16.5s			LR	LR		
XAN	comp=Z,600nm,18.6s			LR	LR		
YAK	Yakutsk	26.50	348	P	P	09 27 60.0	-0.7
YAK	comp=Z,7.8nm,0.7s,baz=175,slow=1.6,SNR=24			LR	LR	09 38 31.1	
YAK	comp=Z,640nm,21.0s,baz=112,slow=36			eP	P	09 28 00.0	-0.7
YAK	Yakutsk	26.50	348	eP	P	09 28 13.8	-1.1
YAK	comp=Z,91nm,1.3s			eS	S	09 31 24.8	
YAK	comp=Z,91nm,1.3s			eS	S	09 32 26.5	-4.0
YAK	comp=Z,266nm,1.0s			pmax	pmax	09 38 44.1	
YAK	comp=N,83nm,1.1s			pmax	pmax		
YAK	comp=E,21nm,1.2s			pmax	pmax		
YAK	comp=E,114nm,2.3s			smax	smax		
YAK	comp=N,87nm,1.8s			smax	smax		
YAK	Yakutsk	26.50	348	P	P	09 28 00.1	-0.6
ULN	Ulanbaatar	27.17	305	eP	P	09 28 05.7	-1.4
ULN	comp=Z,48nm,1.0s			pmax	pmax		
ULN	Ulanbaatar	27.17	305	P	IAMB	09 28 06.0	-1.1
ULN	comp=Z,42nm,0.9s			IAMB	IAMB	09 28 09.5	
ULN	Ulanbaatar	27.17	305	P	P	09 28 07.2	+0.1
ULN	comp=Z,2.5m,comp=Z,2.1m,comp=Z,182nm,0.8s			P	P	09 28 07.2	+0.1
ULN	Ulanbaatar	27.17	305	P	P	09 28 05.9	-1.2
SEY	Seymchan	27.48	12	P	P	09 28 10.8	+1.3
SEY	comp=Z,42nm,0.9s,baz=207,slow=6.9,SNR=31			LR	LR	09 39 54.9	
SEY	comp=Z,451nm,19.5s,baz=210,slow=38			LR	LR		
SOMM	Songino Array	27.60	305	P	P	09 28 09.5	-1.4
SOMM	comp=Z,42nm,0.7s,baz=106,slow=9.1,SNR=163			PcP	PcP	09 31 27.7	+0.5
SOMM	comp=Z,5.1nm,0.7s,baz=148,slow=3.0,SNR=51			ScP	ScP	09 35 02.9	-0.1
SOMM	comp=Z,2.4nm,1.0s,baz=96,slow=1.2,SNR=7.1			LR	LR	09 39 41.2	
SOMM	comp=Z,315nm,18.1s,baz=110,slow=38			IAMB	IAMB	09 28 09.7	-1.2
SOMM	Songino Array	27.60	305	P	IAMB	09 28 11.7	
BOD	Bodaibo	27.69	329	eP	P	09 28 10.7	-0.7
BOD	comp=Z,95nm,0.8s			pmax	pmax		
H112	WAKE ISLAND Hy	28.40	119	T	T	09 58 19.8	
H111	WAKE ISLAND Hy	28.41	119	T	T	09 58 20.7	
H113	WAKE ISLAND Hy	28.42	119	T	T	09 58 27.9	
H111	WAKE ISLAND Hy	29.08	121	T	T	09 59 06.6	
H113	WAKE ISLAND Hy	29.08	121	T	T	09 59 12.4	
H112	WAKE ISLAND Hy	29.10	121	T	T	09 59 14.4	
LZH	Lanzhou	29.55	280	eP	P	09 28 27.8	-0.6
LZH	comp=Z,313nm,1.0s,baz=209,slow=8.0,SNR=13			pP	pP	09 28 40.5	-2.1
LZH	comp=Z,313nm,1.0s,baz=209,slow=8.0,SNR=13			sP	sP	09 28 45.7	-3.6
LZH	comp=Z,313nm,1.0s,baz=209,slow=8.0,SNR=13			PcP	PcP	09 31 33.5	+1.2
LZH	comp=Z,313nm,1.0s,baz=209,slow=8.0,SNR=13			eS	S	09 33 17.4	-2.1
LZH	comp=Z,313nm,1.0s,baz=209,slow=8.0,SNR=13			S	S	09 33 37.1	-6.4
LZH	comp=Z,48nm,1.0s			pmax	pmax		
LZH	comp=Z,240nm,4.1s			pmax	pmax		

LZH	comp=Z,480nm,13.3s			LR	LR		
LZH	comp=Z,860nm,13.3s			LR	LR		
LZH	comp=Z,2.1m,16.5s			LR	LR		
IRK	Irkutsk	30.03	313	eP	P	09 28 30.0	-2.3
IRK	comp=Z,38nm,1.3s			pmax	pmax		
ZAK	Zakamensk	30.14	309	eP	P	09 28 32.8	-0.6
ZAK	comp=Z,17nm,1.2s			pmax	pmax		
GYA	Guiyang	30.51	261	UP	P	09 28 35.9	-1.0
GYA	comp=Z,140nm,0.9s			P	P	09 28 48.8	-2.5
GYA	comp=Z,150nm,3.5s			pP	pP	09 31 35.2	+0.3
GYA	comp=Z,500nm,18.2s			S	S	09 33 34.5	-0.1
GYA	comp=Z,510nm,19.6s			sS	sS	09 33 55.9	-2.6
GYA	comp=Z,140nm,0.9s			pmax	pmax		
GYA	comp=Z,150nm,3.5s			pmax	pmax		
GYA	comp=Z,500nm,18.2s			LR	LR		
GYA	comp=Z,510nm,19.6s			LR	LR		
GYA	comp=Z,860nm,22.5s			LR	LR		
CD2	Chengdu	31.05	271	P	P	09 28 39.7	-1.9
CD2	comp=Z,110nm,0.7s			S	S	09 33 41.6	-1.3
CD2	comp=Z,840nm,19.6s			pmax	pmax		
CD2	comp=Z,910nm,23.8s			LR	LR		
CD2	comp=Z,1.1m,17.0s			LR	LR		
MOY	Mondy	31.84	311	eP	P	09 28 47.9	-0.5
MOY	comp=Z,15nm,1.3s			pmax	pmax		
QIZ	Qiongzong	32.12	246	P	P	09 28 51.4	+0.4
QIZ	comp=Z,8.0nm,0.7s			S	S	09 34 01.2	+1.6
QIZ	comp=Z,250nm,18.0s			pmax	pmax		
QIZ	comp=Z,190nm,14.7s			LR	LR		
GTA	Gaotai	32.14	288	UP	P	09 28 49.9	-1.3
GTA	comp=Z,28nm,0.7s			pP	pP	09 28 59.1	-6.3
GTA	comp=Z,170nm,4.7s			sP	sP	09 29 28.4	-2.4
GTA	comp=Z,30nm,17.1s			PP	PP	09 30 28.4	+0.2
GTA	comp=Z,380nm,19.3s			PcP	PcP	09 31 40.1	+1.0
GTA	comp=Z,370nm,17.5s			S	S	09 33 59.8	-0.1
GTA	comp=Z,28nm,0.7s			pmax	pmax		
GTA	comp=Z,170nm,4.7s			pmax	pmax		
GTA	comp=Z,30nm,17.1s			LR	LR		
GTA	comp=Z,380nm,19.3s			LR	LR		
GTA	comp=Z,370nm,17.5s			LR	LR		
KMI	Kunming	34.26	262	UP	P	09 29 08.7	-1.2
KMI	comp=Z,51nm,0.9s			pP	pP	09 29 21.7	-2.5
KMI	comp=Z,51nm,0.9s			sP	sP	09 29 28.4	-2.4
KMI	comp=Z,51nm,0.9s			PP	PP	09 30 28.4	+0.2
KMI	comp=Z,51nm,0.9s			PcP	PcP	09 31 45.9	+0.5
KMI	comp=Z,51nm,0.9s			S	S	09 34 28.0	-5.1
KMI	comp=Z,51nm,0.9s			sS	sS	09 34 51.6	-5.6
KMI	comp=Z,51nm,0.9s			Sn	Sn	09 36 47.5	+1.1
KMI	comp=Z,56nm,1.2s			pmax	pmax		
KMI	comp=Z,180nm,3.5s			pmax	pmax		
KMI	comp=Z,470nm,19.8s			LR	LR		
KMI	comp=Z,470nm,16.2s			LR	LR		
KMI	comp=Z,780nm,24.0s			LR	LR		
SLVN	Son La	35.28	255	P	IAMB	0	

65d 9h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Nancy, Braganca, PGAV, etc.

Station list for Honshu region including Tanohata, Miyakonagasawa, Nijon, etc.

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Main table of astronomical observations with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Erimo, JEM, JIO, etc.

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Table of astronomical observations for stations in the Ulanbaatar region, including ULN, ULN, ULN, etc.

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

JMA 06 09:53:54.0±0.1, 24.00N; 122.45E, h23km, 3km, M2.7
TAIP 06 09:53:54.2±1.4N; 122.45E, h32km, ML3.0, 3.0
ISC 06 09:53:55.1±1.1, 24.14N; 122.45E±0.02, h27km±12km,
n66, c082/94, Taiwan region

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

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

NNC 06 09:59:45.4±1.6, 43.67N; 69.80E, h0km, mb3.5, mpv2.9,
Error ellipse: s-maj=8.9km s-min=5.5km az=130.0,
Suspected Mining explosion.

SOME 06 09:59:46.6, 43.75N; 69.88E
KRNET 06 09:59:46.0±0.1, 43.37N; 69.51E, mb2.8
ISC 06 09:59:45.4±2.8, 43.42N; 0.09; 69.4E±0.1, h0km, n13,

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

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

6d 13h

2015 AUG

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Table of astronomical observations for 6d 13h, listing station names, object names, coordinates, and observation details.

Table of astronomical observations for 2015 AUG, listing station names, object names, coordinates, and observation details.

Table of astronomical observations for 290, listing station names, object names, coordinates, and observation details.

PRU	Pruhonice	8.34 107	ePn	Pn	15 06 02.4 +3.4
WATA	Waldersalm	8.36 130	ePn	Pn	15 06 02.8 +3.4
WATA	comp=Z,3.9nm,0.6s		eSn	Sn	15 07 32.8 -1.0
HYA	Hoyanger	8.39 14	eS	Sn	15 05 57.5 -2.1
HYA	Hoyanger	8.39 14	eS	Sn	15 07 24.2 -1.0
HYA	Hoyanger	8.39 14	eS	Sn	15 05 57.5 -2.1
HYA	Hoyanger	8.39 14	eS	Sn	15 07 24.2 -1.0
VIVF	Saint-Julien-I	8.41 168	ePn	Pn	15 06 00.2 +0.2
VIVF	Saint-Julien-I	8.41 168	ePn	Pn	15 06 08.7 +6.7
VIVF	Saint-Julien-I	8.41 168	eS	Sn	15 07 31.0 -3.9
WTTA	Wattenberg	8.44 130	ePn	Pn	15 06 02.6 +2.1
WTTA	comp=Z,1.1nm,0.4s		eSn	Sn	15 07 35.5 -0.3
GECC	GERESS Array B	8.45 116	Pn	Pn	15 06 02.3 +1.7
GERES	GERESS Array B	8.45 116	Pn	Pn	15 06 02.1 +1.5
GERES	comp=Z,2.3nm,0.3s,baz=305,slow=12,SNR=48.5		Sn	Sn	15 07 33.5 -2.5
GERES	GERESS Array B	8.45 116	Pn	Pn	15 06 01.8 +1.2
ORIF	Oris-en-Rattine	8.54 162	ePn	Pn	15 06 02.4 +0.5
ORIF	comp=Z,1.1nm,0.3s		eSn	Sn	15 07 34.2 -1.1
BLEU	Blekinge	8.55 62	iP	Pn	15 06 02.1 +0.3
BNI	Baronecchia	8.58 158	Pn	Pn	15 06 03.0 +0.5
FOO	Floro	8.67 9	eP	Pn	15 06 01.0 -2.5
FOO	Floro	8.67 9	eP	Pn	15 07 30.7 -1.1
FOO	Floro	8.67 9	eS	Sn	15 06 01.0 -2.5
FOO	Floro	8.67 9	eS	Sn	15 07 30.7 -1.1
CKRC	Cesky Krumlov	8.79 114	ePn	Pn	15 06 09.4 +4.1
MBDF	Montbardon	8.91 158	ePn	Pn	15 06 08.5 +1.5
MBDF	Montbardon	8.91 158	ePn	Pn	15 06 13.8 +6.8
CHVC	Chvatec	8.93 101	ePn	Pn	15 06 10.8 +3.0
UPC	Udice	8.98 101	ePn	Pn	15 06 10.2 +4.4
OSTC	Ostas	9.09 101	ePn	Pn	15 06 11.7 +2.4
LASF	Ste Croix	9.09 172	ePn	Pn	15 06 10.0 +0.6
LASF	Ste Croix	9.09 172	ePn	Pn	15 06 16.1 +6.7
LASF	comp=Z,7.0nm,0.5s		eSn	Sn	15 07 48.1 -3.6
NAO01	NORSAR Array S	9.12 28	eP	Pn	15 06 06.0 -3.6
NAO01	NORSAR Array S	9.12 28	eP	Pn	15 06 06.0 -3.6
NAO01	NORSAR Array S	9.12 28	eP	Pn	15 06 08.4 -1.2
NC602	NORSAR Array S	9.22 30	ePn	Pn	15 06 09.9 -1.2
ABTA	Abtairbach	9.22 129	ePn	Pn	15 06 14.9 +3.7
ABTA	comp=Z,2.3nm,0.4s		eSn	Sn	15 07 56.6 +1.6
DPG	Dobruška-Polom	9.23 102	ePn	Pn	15 06 13.9 +2.7
NB000	NORSAR Array S	9.24 27	ePn	Pn	15 06 09.2 -2.1
MOA	Molin	9.35 119	Pn	Pn	15 06 17.4 +4.6
NOA	NORSAR Array B	9.37 28	Pn	Pn	15 06 11.8 -1.3
NOA	comp=Z,0.1nm,0.3s,baz=212,slow=13,SNR=3.6		Pn	Pn	15 07 51.0 -7.5
KBA	Koelnbreinsper	9.38 125	Pn	Pn	15 06 17.8 +4.3
KBA	comp=Z,2.6nm,0.3s,SNR=1.0		eSn	Sn	15 08 01.4 +2.3
NB201	NORSAR Array S	9.40 28	Pn	Pn	15 06 12.6 -0.9
SMRF	Simiane la Rot	9.40 165	ePn	Pn	15 06 18.9 +6.2
NC24	NORSAR Array S	9.44 26	Pn	Pn	15 06 13.9 -0.2
AKNA	Aaknes	9.48 14	ePn	Pn	15 06 14.2 -0.2
HFS	Hagfors	9.50 37	Pn	Pn	15 06 13.6 -1.3
HFS	comp=Z,0.8nm,0.3s,baz=216,slow=15,SNR=25		Sn	Sn	15 07 57.0 -4.5
HFS	comp=Z,1.3nm,0.3s,baz=225,slow=22,SNR=7.3		LR	LR	15 10 07.3
NC303	NORSAR Array S	9.57 28	Pn	Pn	15 06 14.0 -1.8
NC305	NORSAR Array S	9.57 29	Pn	Pn	15 06 14.2 -1.7
ZOU	Zoufuplan	9.58 129	ePn	Pn	15 06 17.4 +1.2
KRLC	Kralupy	9.61 102	ePn	Pn	15 06 18.4 +2.0
NC300	NORSAR Array S	9.61 28	Pn	Pn	15 06 15.1 -1.3
STAL	STALIGIAL	9.68 131	Pn	Pn	15 06 21.3 +4.0
DOMB	Dombas	9.71 20	ePn	Pn	15 06 14.4 -3.4
DOMB	Dombas	9.71 20	ePn	Pn	15 06 14.4 -3.4
MTLF	Montlieux	9.76 160	ePn	Pn	15 06 18.2 +6.0
MTLF	comp=Z,2.4nm,0.6s		eSn	Sn	15 08 02.0 -6.0
VRAC	Vranov	9.84 107	ePn	Pn	15 06 22.9 +3.4
VRAC	comp=Z,0.9nm,0.3s,baz=300,slow=15,SNR=3.9		eSn	Sn	15 06 22.9 +3.4
KRUC	Krakovsky	9.84 108	ePn	Pn	15 06 23.1 +3.5
MYKA	Terra Mystica	9.85 126	ePn	Pn	15 06 19.8 +0.1
MYKA	comp=Z,1.4nm,0.4s		eSn	Sn	15 08 10.1 -0.2
MOL	Molde	9.93 15	eP	Pn	15 06 17.1 -3.6
MOL	Molde	9.93 15	eP	Pn	15 06 17.1 -3.6
TEOL	Teolo	9.93 137	ePn	Pn	15 06 24.6 +3.8
FRF	La Foret Royal	10.00 161	ePn	Pn	15 06 22.5 +0.8
FRF	La Foret Royal	10.00 161	ePn	Pn	15 06 27.6 +1.6
EPF	Esparrros	10.14 187	ePn	Pn	15 06 22.6 -1.1
EPF	comp=Z,2.1nm,0.5s		eSn	Sn	15 08 12.3 -5.1
CONA	Conrad Observa	10.15 115	ePn	Pn	15 06 27.4 +3.5
CONA	comp=Z,1.0nm,0.4s		eSn	Sn	15 08 20.8 +3.0
CONA	comp=Z,1.4nm,0.5s		eSn	Sn	15 08 20.8 +3.0
MORC	Moravsky Berou	10.18 103	iP	Pn	15 06 25.9 +1.6
MORC	Moravsky Berou	10.18 103	iP	Pn	15 06 26.0 +1.8
MORC	Moravsky Berou	10.18 103	ePn	Pn	15 06 26.2 +1.1
SJPF	Ste Jean	10.23 194	ePn	Pn	15 06 23.2 -1.7
SJPF	comp=Z,1.5nm,0.5s		eSn	Sn	15 08 13.1 -6.5
ETSF	Etsaut	10.36 191	ePn	Pn	15 06 24.8 -1.9
ETSF	comp=Z,1.8nm,0.6s		eSn	Sn	15 08 18.3 -4.5
OBKA	Obir	10.38 124	ePn	Pn	15 06 32.0 +5.0
OBKA	comp=Z,0.4nm,0.1s		eSn	Sn	15 08 23.3 +0.1
ARSA	Arzberg	10.38 119	ePn	Pn	15 06 30.2 +3.2
ARSA	comp=Z,2.3nm,0.4s		eSn	Sn	15 08 25.7 +2.3
TRI	Trieste	10.58 130	Pn	Pn	15 06 31.7 +2.1
OJC	Ojcow	11.34 98	ePn	Pn	15 06 39.5 -0.6
NSS	Namsos	12.53 20	ePn	Pn	15 06 50.6 -5.6
NSS	Namsos	12.53 20	ePn	Pn	15 06 50.6 -5.6
MORH	Mirny, Hungary	12.87 101	ePn	Pn	15 07 01.7 +3.0
CRVS	Cervencia-Dubn	12.87 101	ePn	Pn	15 07 05.9 +4.9
KOLS	Kolonick sedl	13.34 100	ePn	Pn	15 07 09.9 +2.6
ESBB	Sonsecra Array	14.05 200	ePn	Pn	15 07 16.3 -0.9
ESBB	Sonsecra Array	14.05 200	ePn	Pn	15 07 16.5 -0.7
ESDC	Sonsecra Array	14.05 200	Pn	Pn	15 07 17.3 0.0
ESDC	comp=Z,0.5nm,0.3s,baz=20,slow=14,SNR=29		Pn	Pn	15 07 17.3 0.0
PAB	San Pablo	14.26 201	ePn	Pn	15 07 19.5 -0.5
FINES	FINES Array B	15.34 48	Pn	Pn	15 07 33.0 -1.4
FINES	comp=Z,0.6nm,0.3s,baz=256,slow=11,SNR=28.5		Sn	Sn	15 10 14.3 -1.0
FINES	comp=Z,0.3nm,0.3s,baz=135,slow=13,SNR=4.2		Sn	Sn	15 07 32.6 -1.8
FIA1	FINES Array S	15.34 48	Pn	Pn	15 07 33.5 -0.9
FIA1	comp=Z,0.9nm,1.1s		Iamb	Iamb	15 07 35.1
BUR08	Bucovina Ar. S	15.67 101	Iamb	Iamb	15 07 39.9 +1.0
BUR08	comp=Z,1.7nm,1.9s		Iamb	Iamb	15 07 53.8
BURAR	Bucovina Array	15.69 101	iP	Pn	15 07 42.6 -0.7
BURAR	Bucovina Array	15.69 101	iP	Pn	15 07 42.6 -0.7
AKASG	Malin Array Be	16.86 87	Pn	Pn	15 07 51.2 -2.8
AKASG	comp=Z,1.9nm,0.3s,baz=289,slow=13,SNR=5.8		Pn	Pn	15 07 51.8 -2.2
AKASG	Malin Array Be	16.86 87	Pn	Pn	15 07 53.1 -0.8
AKBB	Malin Array Si	16.86 87	Pn	Iamb	15 07 57.0
AKBB	comp=Z,5.6nm,0.7s		Iamb	Iamb	15 07 57.0
PVAQ	Vaqueiros	17.12 208	Pn	Pn	15 07 57.0 -0.4
ARCES	ARCES Array B	19.71 24	P	P	15 08 27.8 +0.4
ARCES	comp=Z,2.1nm,1.6s		Iamb	Iamb	15 08 27.8 +0.4
ARCES	ARCES Array B	19.71 24	P	P	15 08 27.8 +0.4
ARCES	comp=Z,2.7nm,1.6s		Iamb	Iamb	15 08 27.8 +0.4
KEV	Kevo	20.25 25	P	P	15 08 33.9 +0.8
LVZ	Lovozero	21.45 34	Iamb	Iamb	15 08 47.4 +1.3
LVZ	comp=Z,7.0nm,2.0s		Iamb	Iamb	15 08 50.8
KLMR	Klimovskoe	21.55 54	e	P	15 08 47.3 +0.1
KLMR	comp=Z,12nm,0.7s		AMP	AMP	15 08 49.0

BR131	Keskin Array S	25.27 109	P	Iamb	15 09 24.7 +0.2
BR131	comp=Z,4.4nm,1.0s		Iamb	Iamb	15 09 28.3
SFJD	Kangerlussuaq	28.73 319	P	P	15 09 55.6 +0.5
TORD	Tordif Ar. Baa	39.84 181	P	P	15 11 32.8 +1.2
TORD	comp=Z,1.0nm,0.7s,baz=355,slow=8.4,SNR=6.2		P	P	15 11 32.8 +1.2
GEYT	Alibek	40.07 89	P	P	15 11 42.3 +1.4
RES	Resolute Bay	41.47 337	P	P	15 11 45.6 +1.2
E63A	Oxbow	44.36 291	P	P	15 12 09.8 +1.6
KK31	Karatay Array	45.10 74	Iamb	Iamb	15 12 16.0 +1.7
KK31	comp=Z,1.7nm,0.8s		Iamb	Iamb	15 12 17.8
KKAR	Karatay Array	45.10 74	P	P	15 12 15.6 +1.3
KKAR	Karatay Array	45.10 74	P	Iamb	15 12 15.3 +1.0
KKAR	Karatay Array	45.10 74	Iamb	Iamb	15 12 17.8
ZAAO	Zalesovo Array	46.47 54	P	P	15 12 26.3 +1.4
ZAAO	comp=Z,2.8nm,1.1s		Iamb	Iamb	15 13 05.1
ZALV	Zalesovo Beam	46.47 54	P	P	15 12 26.9 +2.0
ZALV	comp=Z,1.4nm,0.6s,baz=304,slow=8.6,SNR=5.2		P	P	15 12 26.9 +2.0
ZALV	Zalesovo Beam	46.47 54	P	P	15 12 26.1 +1.3
MK31	Mankanchi Array	49.43 63	P	P	15 12 49.6 +1.7
MK31	comp=Z,4.1nm,1.6s		Iamb	Iamb	15 12 50.4
MKAR	Mankanchi Array	49.43 63	P	P	15 12 50.0 +2.0
MKAR	comp=Z,1.5nm,0.7s,baz=308,slow=6.1,SNR=16		P	P	15 12 49.7 +1.7
MKAR	Mankanchi Array	49.43 63	P	P	15 13 00.4 +3.7
KSH	Kashi Array	50.56 74	P	P	15 13 06.9 +5.7
KSH	comp=Z,0.8nm,0.5s		sP	sP	15 12 50.4
KSH	Kashi Array	50.56 74	P	P	15 12 50.4
KSH	comp=Z,4.0nm,0.5s		pmax	pmax	15 12 50.4
ILAR	Eielson Array	60.06 345	P	P	15 14 07.1 +2.4
ILAR	comp=Z,1.9nm,0.6s		pmax	pmax	15 14 07.1 +2.4
ILAR	Eielson Array	60.06 345	P	P	15 14 07.1 +2.4
ILAR	comp=Z,1.0nm,0.7s,baz=15,slow=5.8,SNR=17		P	P	15 14 12.0 +2.5
SOMN	Songino Array	60.71 48	P	P	15 14 11.1 +1.6
SOMN	comp=Z,1.0nm,0.7s,baz=302,slow=9.1,SNR=5.3		P	P	15 14 11.1 +1.6
SOMN	Songino Array	60.71 48	P	Iamb	15 15 26.2
SOMN	comp=Z,7.9nm,2.0s		Iamb	Iamb	15 15 26.2
GTA	Goatai	63.78 59	eP	sP	15 14 32.8 +2.6
GTA	comp=Z,3.0nm,1.2s		eP	sP	15 14 39.4 +4.2
GTA	Goatai	63.78 59	eP	sP	15 14 42.9 +8.9
GTA	comp=Z,3.0nm,1.2s		pmax	pmax	15 14 42.9 +8.9
PDAR	Pinedale Array	67.94 312	P	P	15 14 58.4 +1.3
PDAR	comp=Z,1.0nm,0.7s,baz=46,slow=9.9,SNR=8.6		P	P	15 14 58.4 +1.3
PDAR	Pinedale Array	67.94 312	P	P	15 14 57.5 +0.3
KLR	Kuldr	69.30 33	P	P	15 15 08.3 +1.9
KLR	comp=Z,0.7nm,0.6s,baz=302,slow=8.3,SNR=3.6		P	P	15 15 08.3 +1.9
TXAR	Lajitas Array	75.79 300	P	P	15 15 46.2 +1.9
TXAR	comp=Z,0.8nm,0.8s,baz=307,slow=7.7,SNR=10.0		P	P	15 15 46.2 +1.9
KSRS	Korea Array	78.33 41	P	P	15 15 59.9 +1.6
KSRS	comp=Z,0.6nm,0.8s,baz=318,slow=3.4,SNR=3.0		P	P	15 15 59.9 +1.6
MJAR	Matsushiro Arr	82.94 34	LR	LR	15 54 53.3
MJAR	comp=Z,2.7nm,19.2s,baz=230,slow=37		LR	LR	15 54 53.3

IDC 06 15:11:44.4-4.7, 18.01S-174.21W, h0km, mb4.1/2, mb1 4.4/2, mb1mx3.6/36, mbtmp4.1/2, Error ellipse: s-maj=295.8km s-min=65.8km az=1.0, Tonga Islands

Code	Station Name	A°	AZ°	Phase ID	Time	Res
HNR	Honiara	26.48	285	Op	ISC	h m s ISC
WRA	Warramunga Arr	48.54	259	P	P	15 17 22.5 -1.1
WRA	comp=Z,1.0nm,0.3s,baz=97,slow=6.8,SNR=60		P	P	15 20 29.4 -0.3	
ASAR	Allice Springs	48.61	254	P	P	15 20 30.2 0.0
ASAR	comp=Z,1.5nm,0.6s,baz=87,slow=8.3,SNR=61		P	P	15 20 30.2 0.0	
BOSA	Bosaso	129.87	212	PKP	PKPdf	15 30 56.8 -0.2
BOSA	comp=Z,1.8nm,0.6s					

6d 20h

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

JMA 06 19:30:08.6... 31.09N; 139.06E, h0km, M4.4
NIED 06 19:30:08.7... 31.09N; 139.06E, h0km, MW4.4, Moment Tensor Solution...
Fault plane solution: M0:4.99000x10^15 NP1:...

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

2015 AUG

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations across various regions including LAO, BWA06, PD31, etc.

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

Table with columns: PB08, IPOC Station P, 1.82 341, eP, Pn, 20 11 33.7 +1.3, 20 11 58.5 +1.4, 20 11 60.0, comp=E, 1.0m, 0.8s, 1.82 341, eP, Pn, 20 11 33.7 +1.3, 20 11 34.4 +0.1, 20 12 00.0 -0.8, 20 11 34.1 -0.3, 20 11 35.9 -0.7, 20 11 38.7 0.0, 20 11 39.9 -0.6, 20 11 39.4 -0.9, 20 11 42.3 -1.0, 20 11 41.7 -1.5, 20 11 46.4 +0.5, 20 12 22.0 +0.9, 20 12 27.2, comp=N, 849nm, 0.2s, 2.91 339, Pn, 20 11 45.9 +0.1, 20 11 49.3 -1.0, 20 11 52.4 -0.3, 20 12 31.9 -1.3, 20 11 52.3 -0.3, 20 11 57.4 -0.9, 20 12 12.9 -0.4, 20 12 23.2 +1.9, 20 12 22.7 -2.7, 20 12 32.5 -3.8, 20 12 56.5 -4.2, 20 13 04.6 -4.3, 20 13 06.6 -2.4, 20 14 44.1 -6.3, 20 13 04.3 -5.3, 20 13 28.3 -4.6, 20 14 40.8 -1.5, 20 14 51.6 +0.7, 20 15 05.5, 20 15 12.0 -0.3, 20 15 12.3 -1.1, 20 15 16.0 -0.5, 20 15 16.5 -0.3, 20 15 26.0 -0.4, 20 15 28.0, 20 15 35.9 -1.1, 20 15 38.3 -1.3, 20 15 49.6 -0.1, 20 15 49.5 -0.1, 20 15 52.2, 20 16 02.7 +0.8, 20 16 05.6 +0.8, 20 16 16.2 +1.4, 20 16 29.1 +1.5, 20 21 06.7 +2.2, 20 21 23.6, 20 21 49.5 +1.1, 20 21 50.3, 20 22 39.5 +0.1, 20 22 41.1, 20 29 56.2 +1.0, 20 30 02.6 +1.2, 20 13 04.3 -5.3, 20 13 28.3 -4.6, 20 14 40.8 -1.5, 20 14 51.6 +0.7, 20 15 05.5, 20 15 12.0 -0.3, 20 15 12.3 -1.1, 20 15 16.0 -0.5, 20 15 16.5 -0.3, 20 15 26.0 -0.4, 20 15 28.0, 20 15 35.9 -1.1, 20 15 38.3 -1.3, 20 15 49.6 -0.1, 20 15 49.5 -0.1, 20 15 52.2, 20 16 02.7 +0.8, 20 16 05.6 +0.8, 20 16 16.2 +1.4, 20 16 29.1 +1.5, 20 21 06.7 +2.2, 20 21 23.6, 20 21 49.5 +1.1, 20 21 50.3, 20 22 39.5 +0.1, 20 22 41.1, 20 29 56.2 +1.0, 20 30 02.6 +1.2

NNC 06 20:24:41.3, 1.6, 37:30N:78:48E, h0km, mb4.5, mpv4.2, Error ellipse: s-maj=16.0km s-min=10.3km az=119.0

IDC 06 20:24:44.0, 0.8, 37:52N:78:15E, h0km, mb3.7/12, mb1 3.9/17, mb1 mx3.7/46, mbtmp3.7/17, ML3.5/5, MS3.1/6, Ms1 3.1/6, ms1mx2.8/45, Error ellipse: s-maj=20.3km s-min=15.7km az=42.0

BUJ 06 20:24:47.0, 0.0, 37:75N:78:15E, h10km, mb4.5/4, mb3.9/15, ML4.2/6, Ms3.8/8, Ms7 3.6/6

ISC 06 20:24:47.0, 0.5, 37:51N:0:05:78:19E, 0.06, h17km, n67, a=1817/10, mb3.7/15, MS3.5/3, 7C-10D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az3, Phase ID, Time Res, h m s, ISC, 20 21 11.1 +1.6, 20 26 03.6 +2.3, 20 26 13.8 -0.1, 20 26 04.8 +1.5, 20 26 10.1 +1.2, 20 26 24.9 +1.2, 20 27 48.4, 20 26 12.2 +2.8, 20 26 11.2 -0.4, 20 26 29.8 +3.2, 20 27 50.6, 20 26 28.7 +2.0, 20 27 53.9, 20 26 28.3 +1.5, 20 27 54.4, 20 26 13.6 +1.0, 20 26 31.5 +3.8, 20 27 51.9, 20 26 29.1 +1.3, 20 27 54.9, 20 26 15.9 +2.4, 20 27 47.2, 20 28 39.6, 20 26 30.6 +0.8, 20 27 56.1, 20 26 12.9 -1.2, 20 26 33.0 +3.2, 20 27 52.7, 20 26 32.7 +1.6, 20 27 58.6, 20 26 35.2 +1.1, 20 28 04.2, 20 26 19.7 +2.1, 20 26 20.3 +0.6, 20 26 44.2 +3.7, 20 28 19.0, 20 26 13.8 -0.1, 20 26 04.8 +1.5, 20 26 10.1 +1.2, 20 26 24.9 +1.2, 20 27 48.4, 20 26 12.2 +2.8, 20 26 11.2 -0.4, 20 26 29.8 +3.2, 20 27 50.6, 20 26 28.7 +2.0, 20 27 53.9, 20 26 28.3 +1.5, 20 27 54.4, 20 26 13.6 +1.0, 20 26 31.5 +3.8, 20 27 51.9, 20 26 29.1 +1.3, 20 27 54.9, 20 26 15.9 +2.4, 20 27 47.2, 20 28 39.6, 20 26 30.6 +0.8, 20 27 56.1, 20 26 12.9 -1.2, 20 26 33.0 +3.2, 20 27 52.7, 20 26 32.7 +1.6, 20 27 58.6, 20 26 35.2 +1.1, 20 28 04.2, 20 26 19.7 +2.1, 20 26 20.3 +0.6, 20 26 44.2 +3.7, 20 28 19.0

Table with columns: THW, Thamme Wali, 7.07 230, P, Pn, 20 26 31.2 +1.0, 20 26 43.4 -0.8, 20 29 08.6, 8.7nm, 0.7s, 8.84 186, eP, Pn, 20 26 55.5 +1.0, 20 28 43.0 +9.3, 20 27 08.7 +4.1, 20 27 06.3 +0.1, 20 28 55.5 +0.8, 20 27 06.5 -0.5, 20 28 54.6 -1.5, 20 27 06.7 -0.3, 20 28 52.3 -3.8, 20 27 13.5 0.0, 20 27 13.4 -0.8, 20 27 19.6 -0.9, 20 27 21.8 -1.3, 20 27 28.1 -1.4, 20 27 28.5 -2.1, 20 27 32.0 +0.6, 20 30 58.5, 20 27 30.6 -2.1, 20 27 31.0 -1.9, 20 27 36.0 -0.8, 20 27 45.4 -2.2, 20 27 49.0 -1.6, 20 27 51.4 -1.0, 20 27 52.0 -1.8, 20 28 30.6 +0.3, 20 36 46.5, 20 28 39.5 -0.3, 20 28 37.9 0.0, 20 28 48.8 +2.1, 20 28 52.3 +0.4, 20 28 56.1 +1.8, 20 28 39.0 +0.2, 20 28 52.6 +0.2, 20 29 09.9 -2.1, 20 29 13.4 +0.3, 20 29 52.7 +0.8, 20 40 17.4, 20 30 15.7 +4.3, 20 30 24.6 +2.5, 20 31 35.9 +0.2, 20 32 19.0 +5.4, 20 32 20.1 -0.5, 20 49 47.9, 20 32 40.1 -1.4, 20 33 18.1 +0.1, 20 33 16.7 -1.3, 20 33 17.2 -0.7, 20 33 39.8 -1.3, 21 02 15.4, 20 35 05.5 -1.2, 20 36 05.4 -2.0, 20 36 09.2 -1.2, 20 36 43.4 -0.6, 20 36 57.1 -0.4, 20 30 32.9 -1.3, 20 30 22.3 -1.1, 20 30 23.5 -1.8, 20 30 25.6 -2.8, 20 30 27.1 -1.5, 20 30 27.1 -1.5, 20 30 47.5 +1.0, 20 30 30.0 -1.0, 20 30 30.7 -1.3, 20 30 34.7 -1.0, 20 30 32.9 -1.3, 20 30 32.9 -1.3, 20 30 51.3 +0.1, 20 26 31.2 +1.0, 20 26 43.4 -0.8, 20 29 08.6, 8.7nm, 0.7s, 8.84 186, eP, Pn, 20 26 55.5 +1.0, 20 28 43.0 +9.3, 20 27 08.7 +4.1, 20 27 06.3 +0.1, 20 28 55.5 +0.8, 20 27 06.5 -0.5, 20 28 54.6 -1.5, 20 27 06.7 -0.3, 20 28 52.3 -3.8, 20 27 13.5 0.0, 20 27 13.4 -0.8, 20 27 19.6 -0.9, 20 27 21.8 -1.3, 20 27 28.1 -1.4, 20 27 28.5 -2.1, 20 27 32.0 +0.6, 20 30 58.5, 20 27 30.6 -2.1, 20 27 31.0 -1.9, 20 27 36.0 -0.8, 20 27 45.4 -2.2, 20 27 49.0 -1.6, 20 27 51.4 -1.0, 20 27 52.0 -1.8, 20 28 30.6 +0.3, 20 36 46.5, 20 28 39.5 -0.3, 20 28 37.9 0.0, 20 28 48.8 +2.1, 20 28 52.3 +0.4, 20 28 56.1 +1.8, 20 28 39.0 +0.2, 20 28 52.6 +0.2, 20 29 09.9 -2.1, 20 29 13.4 +0.3, 20 29 52.7 +0.8, 20 40 17.4, 20 30 15.7 +4.3, 20 30 24.6 +2.5, 20 31 35.9 +0.2, 20 32 19.0 +5.4, 20 32 20.1 -0.5, 20 49 47.9, 20 32 40.1 -1.4, 20 33 18.1 +0.1, 20 33 16.7 -1.3, 20 33 17.2 -0.7, 20 33 39.8 -1.3, 21 02 15.4, 20 35 05.5 -1.2, 20 36 05.4 -2.0, 20 36 09.2 -1.2, 20 36 43.4 -0.6, 20 36 57.1 -0.4, 20 30 32.9 -1.3, 20 30 22.3 -1.1, 20 30 23.5 -1.8, 20 30 25.6 -2.8, 20 30 27.1 -1.5, 20 30 27.1 -1.5, 20 30 47.5 +1.0, 20 30 30.0 -1.0, 20 30 30.7 -1.3, 20 30 34.7 -1.0, 20 30 32.9 -1.3, 20 30 32.9 -1.3, 20 30 51.3 +0.1

THR 06 20:30:07.0, 0.4, 38:42N:46:69E, h14km, 7km, ML3.7, AZER 06 20:30:07.0, 0.3, 38:43N:46:69E, h10km, 2km, ml4.0/32, Error ellipse: s-maj=15.8km s-min=1.8km az=6.0, NSSP 06 20:30:07.8, 38:38N:46:65E, h10km, Ms3.7, DDA 06 20:30:08.6, 38:52N:46:70E, h4km, 4km, ML3.5, IDC 06 20:30:08.6, 1.2, 38:51N:46:69E, h0km, mb3.8/8, mb1 4.0/13, mb1mx3.7/36, mbtmp3.9/13, ML3.2/5, MS2.7/2, Ms1 2.7/2, ms1mx2.3/43, Error ellipse: s-maj=22.9km s-min=10.5km az=15.0, TEH 06 20:30:08.1, 38:40N:46:69E, h5km, ML3.8, ISC 06 20:30:09.4, 0.6, 38:46N:0:02:46:70E, 0.02, h10km, n125, a=152/165, mb3.9/8, 2D, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, Az3, Phase ID, Time Res, h m s, ISC, 20 30 14.4 -0.6, 20 30 13.8 -1.7, 20 30 18.5 -1.1, 20 30 16.0 -3.0, 20 30 17.1 -2.0, 20 30 24.8 -0.9, 20 30 22.4 -1.1, 20 30 32.9 -1.3, 20 30 22.3 -1.1, 20 30 23.5 -1.8, 20 30 25.6 -2.8, 20 30 27.1 -1.5, 20 30 27.1 -1.5, 20 30 47.5 +1.0, 20 30 30.0 -1.0, 20 30 30.7 -1.3, 20 30 34.7 -1.0, 20 30 32.9 -1.3, 20 30 32.9 -1.3, 20 30 51.3 +0.1, 20 30 14.4 -0.6, 20 30 13.8 -1.7, 20 30 18.5 -1.1, 20 30 16.0 -3.0, 20 30 17.1 -2.0, 20 30 24.8 -0.9, 20 30 22.4 -1.1, 20 30 32.9 -1.3, 20 30 22.3 -1.1, 20 30 23.5 -1.8, 20 30 25.6 -2.8, 20 30 27.1 -1.5, 20 30 27.1 -1.5, 20 30 47.5 +1.0, 20 30 30.0 -1.0, 20 30 30.7 -1.3, 20 30 34.7 -1.0, 20 30 32.9 -1.3, 20 30 32.9 -1.3, 20 30 51.3 +0.1

Table with columns: SBZ, Shahbuz, 1.30 317, ePn, Pn, 20 30 32.7 +1.2, 20 30 32.7 -1.3, 20 30 51.5 +0.2, 20 30 52.7 -1.3, 20 30 55.8 -1.0, 20 30 57.3 +2.0, 20 30 35.8 -1.0, 20 30 37.9 -1.0, 20 31 00.6 +1.9, 20 30 37.8 -1.0, 20 30 38.7 -1.1, 20 31 02.6 +0.4, 20 30 38.6 -1.1, 20 30 39.7 -1.3, 20 31 02.0 -0.4, 20 30 39.6 -1.3, 20 30 40.1 -1.5, 20 31 04.5 +1.1, 20 30 40.8 -1.9, 20 31 07.1, 20 30 40.8 -1.9, 20 30 43.6 -1.1, 20 31 10.0 +1.4, 20 30 43.5 -1.1, 20 30 45.1 -2.1, 20 31 10.2, 20 30 43.2 -1.2, 20 31 09.8 -1.1, 20 30 43.1 -1.2, 20 30 43.5 -1.3, 20 31 11.0 -0.7, 20 30 43.4 -1.3, 20 30 45.6 -1.6, 20 31 14.6 +1.8, 20 30 45.6 -1.6, 20 30 45.0 -2.4, 20 30 46.8 -0.7, 20 30 47.2 -1.0, 20 31 17.4 -0.5, 20 31 28.0, 20 30 48.2 -1.1, 20 31 17.7 -2.6, 20 30 48.2 -1.1, 20 30 49.7 -2.0, 20 31 22.1 +1.7, 20 30 48.8 -1.0, 20 31 19.5 -1.7, 20 30 50.2 -0.4, 20 31 14.0, 20 31 18.7 -0.1, 20 30 49.8 -0.8, 20 31 21.9 -0.7, 20 30 50.2 -0.4, 20 30 49.4 -1.4, 20 30 47.3 0.0, 20 30 50.8 -0.7, 20 31 22.2 -2.1, 20 30 50.7 -0.7, 20 30 50.5 -1.0, 20 31 21.7 -2.7, 20 30 50.5 -1.0, 20 30 51.1 -1.2, 20 31 23.3 -2.4, 20 31 17.8 -1.1, 20 31 22.1 0.0, 20 30 48.6 -0.1, 20 30 52.9 -0.9, 20 31 27.9 +0.6, 20 30 51.8 -1.7, 20 30 52.2 -1.9, 20 30 53.0 -1.6, 20 30 54.4 -0.7, 20 30 54.6 -1.3, 20 30 53.8 -2.2, 20 30 53.7 -2.4, 20 31 28.3 +0.3, 20 30 53.7 -2.4, 20 30 54.8 -1.4, 20 30 54.1 -2.6, 20 31 29.4 +0.2, 20 30 54.2 -2.7, 20 31 29.6 +0.2, 20 30 55.0 -2.9, 20 31 29.1 -2.0, 20 30 57.8 -0.5, 20 30 56.8 -1.9, 20 31 33.2 +0.7, 20 30 54.5 +0.5, 20 30 54.8 -2.2, 20 31 35.1 -3.4, 20 30 56.1 -3.0, 20 31 33.6 +0.5, 20 30 53.9 +0.5, 20 31 33.7 +0.1, 20 31 30.3 -0.4, 20 31 30.4 -1.3, 20 30 57.6 +1.4, 20 31 37.7 0.0, 20 30 57.6 -2.7, 20 31 40.4 -4.0, 20 31 04.4 -0.3, 20 31 05.7 +0.6, 20 31 49.9 +0.6, 20 31 02.2 -2.7, 20 31 43.4 +0.4, 20 31 03.7 -2.2, 20 31 43.2 -1.5, 20 31 03.4 -1.5, 20 31 45.6 +0.1, 20 31 04.3 -3.4, 20 31 45.9 -1.8, 20 31 08.7 +0.4, 20 31 05.7 +1.9, 20 32 04.3, 20 31 47.1 +0.1, 20 32 05.6, 20 31 12.5 +0.3, 20 31 04.8 -0.4, 20 31 08.6 +1.3, 20 32 17.4, 20 31 22.9, 20 31 09.9 +2.3, 20 31 09.0 +1.0, 20 31 17.1 -1.8, 20 31 17.1 -1.8

Table with columns: SALO, Salr, 56:31 32 P, I Amb, I Amb, 21 46 37.8 -0.6, 21 47 04.7, etc.

Table with columns: CLL, CLL, 21 46 37.8 -0.6, 21 47 04.7, etc.

Table with columns: SUW, SUW, 21 47 18.9 +0.4, 21 50 54.0, etc.

6d 23h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like TBI Tubuai, PPT2 Papeete2, HHC Cape Leeuwin H, etc.

RSNC 06:21:41.41.7.1.0.6:82N-73.16W, h148km, 3km, ML3.9, Mw4.0, Fault plane solution: N1P1phi:8.00000°, delta:0.00000°, lambda:22.00000°

ISC 06:21:41.41.7.1.0.6:82N-73.16W, h166km, 15km, mb3.4/3, mb1 3.6/6, mb1mx3.3/34, mbmp4.1/6, MS3.0/1, Ms1 3.0/1, ms1mx2.5/23, Error ellipse: s-maj=32.5km s-min=14.6km bsz=131.0

ISC 06:21:41.39.9.0.8.6:84N-073.73:12W, h118km, 6km, n54, c139/93, mb3.6/3, 14C-9D, Northern Colombia

Main table of station data with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Lists numerous stations including BARC Barichara, BRRC Barranca, PAMC Pamplona, etc.

2015 AUG

Main table of station data for August 2015 with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Lists stations like MACC Macarena, BETC Betania, DABV Dabajuro, etc.

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Main table of station data for August 2015 with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Lists stations like PSA00 Pinlang, YULB Yu-I, SSLB Suanglung, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SATY Saty, KOKPK Kokpek, MAZK Makanchi, etc.

AEIC 06:23:47-48.2, 6.755N; 0.06-166.4W; 0.1, 7.7km, 5km, ML3.8, mb4.1/11 (NEIC), ML4.0/10 (NEIC) Error ellipse: s-maj=9.1km s-min=6.9km az=168.0

Table with columns: RDOG, Red Dog Mine, Azimuth, Phase ID, Time, Res. Includes stations like RDOG Red Dog Mine, RDOG Red Dog Mine, RDOG Red Dog Mine, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKASG Malin Array Be, KKR1 Karatay Array, KKR2 Karatay Array, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Palmer, Hamilton, Bering Glacier, Hailey, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Chiang Mai Arr, Pinole, Paradox Valley, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like M27K, 833A, 833A, IMW, MENT, etc.

AML	Almayashu	120.24 305	i PKPpdf	PKPpdf	00 18 03.8 -0.1
AML	Almayashu	120.24 305	P	PKPpdf	00 18 03.9 0.0
EKS2	Erkin-Say	120.27 306	eP	PKPpdf	00 18 03.5 0.0
I63A	Otisfield	120.37 53	PKIKP	PKPpdf	00 18 03.3 -0.3
SDBA	SAO DESIDERIO	120.38 125	eP	PKPpdf	00 18 04.3 -0.3
PRPB	Parauapebas	120.42 116	eP	PKPpdf	00 18 04.5 -0.2
BTLS	Baital	120.45 308	ePKP	PKPpdf	00 18 01.3 -2.4
BTLS	Baital	120.45 308	ePKIKP	PKPpdf	00 18 01.2 -2.4
SVN	Savane Anatole	120.56 88	PKPpdf	PKPpdf	00 18 04.7 -0.1
G62A	West of Euzim	120.57 51	PKIKP	PKPpdf	00 18 03.2 -0.7
BOSA	Boshof	120.59 204	PKP	PKIKP	00 18 05.8 +0.9
BOSA	comp-Z, 2.1nm, 0.9s, baz=142, slow=3, SNR=24		PKPbcb	PKPbcb	00 28 10.3 -0.7
SMTB	Santa Maria do	120.59 120	eP	PKPpdf	00 18 05.0 0.0
H63A	New Sharon	120.84 52	PKIKP	PKPpdf	00 18 03.6 -0.8
I64A	Boothbay	121.02 53	PKIKP	PKPpdf	00 18 04.3 -0.4
GU01	Guaratinga, BA	121.10 132	eP	PKPpdf	00 18 05.3 -0.5
G63A	Kingsbury	121.20 52	PKIKP	PKPpdf	00 18 04.4 -0.7
H64A	Troy	121.42 52	PKIKP	PKPpdf	00 18 04.6 -0.9
PKME	Peaks-Kenny Pk	121.45 51	PKIKP	PKPpdf	00 18 05.1 -0.5
F62A	Naylor Lake	121.45 50	PKIKP	PKPpdf	00 18 04.7 -0.8
E63A	Nhakmanta, Br	121.63 51	PKIKP	PKPpdf	00 18 05.4 -0.5
MCPB	Macapa, AP	121.78 108	eP	PKPpdf	00 18 06.8 -0.4
G64A	Maxfield	121.82 52	PKIKP	PKPpdf	00 18 05.9 -0.3
D62A	Allapott, AI	121.83 49	PKIKP	PKPpdf	00 18 05.1 -1.1
BRZ5	Berezniki	121.92 314	ePKP	PKPpdf	00 18 03.6 -2.8
BRZ5	Berezniki	121.92 314	ePKP	PKPpdf	00 18 04.0 -0.7
BRZ5	Berezniki	121.92 314	ePKIKP	PKPpdf	00 18 04.5 -2.8
DZA	Taraz	122.08 306	ePKP	PKPpdf	00 18 05.3 -1.7
DZA	Taraz	122.08 306	ePKIKP	PKPpdf	00 18 05.2 -1.7
H65A	Eastbrook	122.11 52	PKIKP	PKPpdf	00 18 06.4 -0.4
CMC01	Camacan, BA	122.16 131	eP	PKPpdf	00 18 07.7 -0.2
F64A	Sherman	122.17 51	PKIKP	PKPpdf	00 18 06.4 -0.6
E63A	Oxbow	122.19 50	PKIKP	PKPpdf	00 18 05.8 -1.2
KBL	Kabul	122.42 296	PKIKP	PKPpdf	00 18 08.2 -0.1
KBL	Kabul	122.42 296	PKPpdf	PKPpdf	00 18 08.2 -0.1
KBL	Kabul	122.42 296	P	PKPpdf	00 18 08.3 0.0
D63A	Stockholm	122.46 50	PKIKP	PKPpdf	00 18 06.3 -1.2
NBIT	Itapeh - BA	122.53 131	eP	PKPpdf	00 18 08.4 -0.2
E64A	Bridgewater	122.59 50	PKIKP	PKPpdf	00 18 06.9 -0.8
G65A	Princeton	122.65 52	PKIKP	PKPpdf	00 18 07.2 -0.7
H66A	Whiting	122.78 52	PKIKP	PKPpdf	00 18 08.8 +0.4
GDU01	Guanudu, BA	123.29 130	eP	PKPpdf	00 18 09.5 -0.6
TAS	Tashkent	123.37 303	PKIKP	PKPpdf	00 18 10.2 +0.5
TAS	Tashkent	123.37 303	PKPpdf	PKPpdf	00 18 10.2 +0.5
BVAR	Borovyoye Array	123.48 318	PKP	PKPpdf	00 18 08.1 -1.2
BRVK	Borovyoye	123.56 310	ePKP	PKPpdf	00 18 08.4 -1.0
BRVK	Borovyoye	123.56 318	P	PKPpdf	00 18 08.4 -1.0
SRCHQ	Schefferville	123.59 40	PKP	PKPpdf	00 18 08.4 -1.0
NEEM	North Greenlan	123.61 12	iPKP	PKPpdf	00 18 09.0 -0.3
NEEM	comp-Z, 1.23nm, 0.9s		Iamb	Iamb	00 18 09.8
TMAB	Tom-Au, PA, Br	124.00 113	eP	PKIKP	00 18 11.9 +0.1
NOR	Nord	124.47 3	iPKP	PKPpdf	00 18 09.8 -0.7
NOR	Nord	124.47 3	iPKIKP	PKPpdf	00 18 10.3
NOR	Nord	124.47 3	iPKIKP	PKPpdf	00 18 09.7 -0.7
UPNV	Upenovik	124.58 18	iPKP	PKPpdf	00 18 09.9 -0.9
UPNV	comp-Z, 1.67nm, 1.0s		Iamb	Iamb	00 18 11.1
NBPB	Ponto Novo - B	124.84 127	eP	PKPpdf	00 18 12.6 -0.5
SAM	Samarkand	124.90 301	PKIKP	PKPpdf	00 18 04.7 -7.8
NUUG	Nuugaatsiaq	125.92 19	iPKP	PKPpdf	00 18 12.5 -0.8
NUUG	comp-Z, 5.7nm, 1.0s		Iamb	Iamb	00 18 14.1
ROS8	Rosrio	126.92 116	eP	PKIKP	00 18 17.6 0.0
KBS	Kingsbay	127.42 358	iPKP	PKPpdf	00 18 16.1 0.0
KBS	Kingsbay	127.42 358	iPKP	PKPpdf	00 18 17.3
KBS	Kingsbay	127.42 358	iPKIKP	PKPpdf	00 18 16.1 0.0
ILULI	Ilulissat	127.57 21	iPKP	PKPpdf	00 18 15.4 -1.1
ILULI	Ilulissat	127.57 21	iPKIKP	PKPpdf	00 18 15.4 -1.1
ILULI	Ilulissat	127.57 21	iPKIKP	PKPpdf	00 18 15.4 -1.1
JLN	Jalan Bani Buh	127.61 278	P	PKIKP	00 18 19.0 +0.3
SPA0	Spitsbergen Ar	127.94 356	ePKPpdf	PKPpdf	00 18 17.1 -0.1
NBMA	Murit-CE	128.23 125	eP	PKPpdf	00 18 19.0 0.0
MHTO	MHTO	128.54 276	P	PKPpdf	00 18 19.9 0.0
DOM	Wadi Sarin	128.59 275	P	PKPpdf	00 18 19.8 -0.2
WSAR	Wadi Sarin	128.61 279	PKP	PKIKP	00 18 20.6 -0.1
WSAR	comp-Z, 1.4nm, 1.0s, baz=184, slow=4, SNR=4.6		SKPbcb	SKPbcb	00 21 15.8 -1.4
WSAR	Wadi Sarin	128.61 279	P	PKIKP	00 18 21.1 +0.4
SFJD	Kangerlussuaq	128.69 23	iPKP	PKPpdf	00 18 17.4 -1.4
SFJD	comp-Z, 2.3nm, 1.0s		Iamb	Iamb	00 18 19.0
SFJD	Kangerlussuaq	128.69 23	iPKIKP	PKPpdf	00 20 24.7
SFJD	Kangerlussuaq	128.69 23	iPKIKP	PKPpdf	00 18 17.3 -1.4
SFJD	Kangerlussuaq	128.69 23	iPKIKP	PKPpdf	00 20 24.7
SVE	Sverdlodsk	128.77 323	ePKIKP	PKPpdf	00 18 18.6 -0.6
SVE	comp-Z, 1.27nm, 1.4s		Iamb	Iamb	00 20 24.7
HOPEN	Hopen	128.78 353	ePKPpdf	PKPpdf	00 18 18.9 +0.1
JMD0	Jabal Madar	128.83 278	P	PKPpdf	00 18 19.8 -0.6
DAG	Danmarks Havn	128.84 6	iPKP	PKPpdf	00 18 17.6 -1.3
DAG	Danmarks Havn	128.84 6	iPKIKP	PKPpdf	00 18 18.8
DAG	Danmarks Havn	128.84 6	iPKIKP	PKPpdf	00 20 20.2
DAG	Danmarks Havn	128.84 6	iPKIKP	PKPpdf	00 18 17.5 -1.3
SMDO	Samad	129.07 279	P	PKPpdf	00 18 21.4 +0.4
SQUM	Sultan Oabooos	129.10 280	P	PKPpdf	00 18 21.2 +0.3
HSPB	Hornsund (broa	129.12 356	ePKPpdf	PKPpdf	00 18 19.0 -0.3
HSPB	Hornsund	129.12 356	ePKP	PKPpdf	00 20 29.1 -2.3
BIDO	Bidbid	129.13 280	P	PKIKP	00 18 21.4 -0.3
SUMG	Summit	129.15 15	iPKP	PKPpdf	00 18 19.8 -0.3
SUMG	comp-Z, 3.41nm, 1.8s		Iamb	Iamb	00 18 21.1
SUMG	Summit	129.15 15	iPKIKP	PKPpdf	00 20 26.9
SUMG	Summit	129.15 15	iPKIKP	PKPpdf	00 18 19.7 -0.3
SUMG	Summit	129.15 15	iPKIKP	PKPpdf	00 20 26.9
NUUK	Nuuk	129.38 27	iPKP	PKPpdf	00 18 19.7 -0.4
NUUK	comp-Z, 9.4nm, 1.1s		Iamb	Iamb	00 18 21.7
SHAO	Shalim	129.68 272	PKPpdf	PKPpdf	00 18 21.6 -0.5
BSBY	Bisya	129.74 278	P	PKPpdf	00 18 21.8 -0.4
HOQ	Hogain	129.87 279	P	PKPpdf	00 18 21.7 -0.7
NBMO	Morrinhos-CE	129.89 120	eP	PKIKP	00 18 23.2 -0.3
ARU	Arti	129.97 323	PKHkP	PKPpre	00 18 07.3
ARU	comp-Z, 1.5nm, 0.8s, baz=179, slow=2.0, SNR=6.6		PKP	PKPpdf	00 18 21.0 -0.6

ARU	Arti	129.97 323	iPKIKP	PKPpdf	00 18 20.7 -0.8
ARU	Arti	129.97 323	iPKIKP	PKPpdf	00 20 36.1
DY2G	Dye2	130.47 23	iPKP	PKPpdf	00 18 21.3 -1.2
DY2G	comp-Z, 2.14nm, 1.1s		Iamb	Iamb	00 18 23.8
DY2G	SOHO	130.70 280	iPKPpdf	PKPpdf	00 21 20.0
SOHO	SOHO	130.70 280	P	PKPpdf	00 18 23.2 -0.7
SOHO	SOHO	130.70 280	P	PKPpdf	00 18 23.1 -0.8
SOHO	Rabuk	130.77 271	P	PKPpdf	00 18 24.5 +0.4
DBK	Daneborg	130.92 8	iPKP	PKPpdf	00 18 22.2 -0.7
DBG	comp-Z, 3.8nm, 0.9s		Iamb	Iamb	00 18 23.1
DBG	Greenland Ices	131.10 18	iPKP	PKPpdf	00 20 38.6
ICGEG	Greenland Ices	131.10 18	iPKP	PKPpdf	00 21 22.7 -1.1
ICGEG	comp-Z, 1.26nm, 1.0s		Iamb	Iamb	00 18 24.4
ICGEG	Minazif	131.20 281	iPKPpdf	PKPpdf	00 20 42.3
UOSS	Minazif	131.20 281	P	PKPpdf	00 18 23.8 -1.0
UOSS	Minazif	131.20 281	PKPpdf	PKPpdf	00 18 24.4 -0.4
MDH	Madha	131.20 281	iPKPpdf	PKPpdf	00 18 24.3 -0.6
MDH	Madha	131.20 281	P	PKPpdf	00 18 23.8 -1.0
HATD	Hatta, Dubai	131.23 281	iPKPpdf	PKPpdf	00 18 24.2 -0.7
HATD	Hatta, Dubai	131.23 281	P	PKPpdf	00 18 24.2 -0.6
HATD	Hatta, Dubai	131.23 281	P	PKPpdf	00 18 24.3 -0.6
HATD	Hatta, Dubai	131.23 281	P	PKPpdf	00 18 25.1 +0.1
ASHO	Ashiyah	131.26 280	iPKPpdf	PKPpdf	00 18 24.4 -0.6
ASHO	Ashiyah	131.26 280	P	PKPpdf	00 18 24.8 -0.2
WHFO	Wadi Hawf	131.30 271	P	PKPpdf	00 18 25.5 +0.3
AKTO	Aktubinsk	131.31 315	PKHkP	PKPpre	00 18 15.9
AKTO	comp-Z, 1.6nm, 0.8s, baz=63, slow=2.0, SNR=5.9		SKPbcb	SKPbcb	00 18 24.1 -0.2
AKTO	Esma-Masafi	131.34 281	iPKPpdf	PKPpdf	00 18 24.2 -1.1
MSFE	Esma-Masafi	131.34 281	P	PKPpdf	00 18 24.6 -0.5
MASF	Masafi	131.34 281	P	PKPpdf	00 18 25.2 0.0
RCBR	Riachuelo	131.36 126	PKP	PKIKP	00 18 26.1 -0.4
RCBR	comp-Z, 5.2nm, 1.1s, baz=100, slow=4.2, SNR=7.7		SKPbcb	SKPbcb	00 21 25.7 +0.2
ALNE	Al Ain	131.37 279	iPKPpdf	PKPpdf	00 18 24.7 -0.2
ALNE	Al Ain	131.37 279	P	PKPpdf	00 18 25.0 -0.2
ALNE	Al Ain	131.37 279	P	PKPpdf	00 18 25.0 -0.2
SHME	Shamm	131.51 282	PKPpdf	PKPpdf	00 18 24.9 -0.5
SHME	Shamm	131.51 282	P	PKPpdf	00 18 25.1 -0.4
ABTO	Aybut	131.53 270	P	PKPpdf	00 18 26.4 -0.3
UMZA	Um Al Zommo	131.53 278	P	PKIKP	00 18 26.1 -0.5
GEYT	Alibek	131.63 298	PKHkP	PKPpre	00 18 12.7
GEYT	comp-Z, 4.4nm, 0.8s, baz=49, slow=6.5, SNR=5.5		PKP	PKPpdf	00 18 25.8 +0.4
GEYT	Nazwa, Dubai	131.68 281	iPKPpdf	PKPpdf	00 21 26.2 +0.4
GEYT	Nazwa, Dubai	131.68 281	P	PKPpdf	00 18 25.2 -0.5
NAZ	Nazwa, Dubai	131.68 281	P	PKPpdf	00 18 25.4 -0.4
NAZ	Nazwa, Dubai	131.68 281	P	PKPpdf	00 18 25.4 -0.4
FAQ	Al Faqa, Dubai	131.69 280	PKPpdf	PKPpdf	00 18 25.1 -0.6
FAQ	Al Faqa, Dubai	131.69 280	P	PKPpdf	00 18 25.8 0.0
ASUD	Al Ashush, Dub	131.89 280	P	PKPpdf	00 18 26.0 -0.5
TSUM	Tsumeb	131.91 200	PKPpdf	PKPpdf	00 18 26.9 +0.3
AJN	Ajan	132.17 280	P	PKPpdf	00 18 26.5 -0.2
NRS	Narsarsuaq	132.26 29	iPKP	PKPpdf	00 18 25.7 -1.9
NRS	comp-Z, 1.30nm, 1.0s		Iamb	Iamb	00 18 28.8
ANGG	Ammassalik, Gr	133.88 21	iPKP	PKPpdf	00 18 28.3 -0.3
ANGG	comp-Z, 4.3nm, 1.0s		Iamb	Iamb	00 18 29.1
GHWR	Ruwais	133.89 278	P	PKPpdf	00 18 30.6 +0.6
KIRV	Kirov	134.04 327	PKHkP	PKPpre	00 18 20.3
KIRV	comp-Z, 7.9nm, 0.6s, baz=144, slow=3.2, SNR=6.6		PKP	PKPpdf	00 18 28.9 -0.1
KIRV	comp-Z, 8.4nm, 0.9s, baz=126, slow=1.4, SNR=2.7		PKP	PKPpdf	00 20 58.9 -4.4
KIRV	comp-Z, 2.7nm, 1.0s, baz=76, slow=6.4, SNR=6.9		SKPbcb	SKPbcb	00 21 31.3 -1.0
KIRV	comp-Z, 1.9nm, 0.7s, baz=59, slow=3.3, SNR=7.3		SKPbcb	SKPbcb	00 18 28.3 -0.8
KIRV	comp-Z, 1.9nm, 0.7s, baz=59, slow=3.3, SNR=7.3		SKPbcb	SKPbcb	00 18 28.8 -0.1
SCO	Scoresbysund	134.07 11	iPKP	PKPpdf	00 18 31.5
SCO	comp-Z, 9.95nm, 1.1s		Iamb	Iamb	00 18 31.5
SCO	Scoresbysund	134.07 11	iPKIKP	PKPpdf	00 18 28.7 -0.1
SCO	Scoresbysund	134.07 11	iPKIKP	PKPpdf	00 18 28.7 -0.1
LVZ	Lovozero	134.18 343	iPKIKP	PKPpdf	00 18 27.4 -1.8
LVZ	Lovozero	134.18 343	PKPpre	PKPpdf	00 18 21.4
PRGR	Permogore	134.39 332	ePKIKP	PKPpdf	00 18 28.2 -1.5
PRGR	comp-Z, 1.54nm, 1.1s		Iamb	Iamb	00 21 01.4
KEV	Kevo	134.40 348	PKPpre	PKPpre	00 18 25.7
KIBK	Kibwezi	134.40 348	PKPpdf	PKPpdf	00 18 33.1 -0.1

		IAMS_20	IAMS_20	01 53 36.4	MAK	eS	S	01 40 34.5	-3.3	BNI	Bardonecchia	50.99 340	Iamb	Iamb	01 34 18.0	
BZK	comp=Z,11um,18.0s				MAK					CONA	Conrad Observa	51.16 349	i/P	P	01 34 04.4	-0.5
SKO	Skopje	44.43 352	i/P	P	01 33 13.1	+0.3				CONA	comp=Z,45nm,1.3s,SNR=32		eP	PP	01 36 03.5	+1.6
GNI	Garni	44.51 17	P	P	01 33 14.4	+0.8				ARNO	Arenosillo	51.18 323	P	S	01 34 04.7	-0.5
GNI	Garni	44.51 17	P	P	01 33 14.4	+0.8				ARNO	comp=Z,45nm,1.3s,SNR=32		S	P	01 41 36.6	+1.3
GNI	Garni	44.51 17	P	P	01 33 14.4	+0.8				ZST	Bratislava	51.19 350	eP	P	01 34 04.3	-0.7
GNI	Garni	44.51 17	P	P	01 33 14.4	+0.8				ZST	comp=Z,873nm,2.4s		Pmax	Pmax		
PUK	Puka	44.74 350	Iamb	Iamb	01 33 25.4					ZST	Bratislava	51.19 350	eP	PP	01 34 04.3	-0.7
VTS	Vitosha	44.84 349	P	Pmax	01 33 15.7	-0.6				ZST	comp=Z,873nm,2.4s		eP	PP	01 36 05.8	+3.9
VTS	comp=Z,18nm,0.7s	45.95 354	P	Pmax	01 33 21.4					ZST	comp=Z,873nm,2.4s		eS	P	01 41 19.1	-4.3
VTS	comp=Z,3um,18.0s	44.48 349	P	MLR	01 33 25.5					VYHS	Vyhne	51.19 351	eP	Pmax	01 34 04.6	-0.5
VTS	comp=Z,3um,18.0s	44.48 354	P	MLR	01 33 15.7	-0.6				VYHS	comp=Z,114nm,1.4s		eP	P	01 34 04.6	-0.5
VTS	comp=Z,3um,18.0s	44.48 354	P	MLR	01 33 15.7	-0.6				VYHS	comp=Z,114nm,1.4s		eS	P	01 41 22.1	-1.4
PAOL	comp=Z,137nm,1.6s	44.92 345	Iamb	Iamb	01 33 21.4					KOLS	Kolonicke sedl	51.20 354	eP	Pmax	01 34 05.6	+0.5
PAOL	comp=Z,6um,18.0s	45.16 339	P	Iamb	01 33 18.2	-0.4				KOLS	comp=Z,64nm,1.1s		eP	P	01 34 05.6	+0.5
VSL	Villasaito	45.16 339	P	Iamb	01 33 25.5					CRVS	Kolonicke sedl	51.20 354	eP	P	01 34 05.6	+0.5
VSL	comp=Z,160nm,1.5s				01 33 25.5					CRVS	Cervenica-Dubn	51.25 354	eP	Pmax	01 34 05.8	+0.3
VSL	comp=Z,6um,18.0s				01 33 25.5					CRVS	comp=Z,169nm,1.3s		eP	P	01 34 05.8	+0.3
PDG	Podgorica	45.22 350	i/P	P	01 33 19.1	+0.1				CRVS	Cervenica-Dubn	51.25 354	eS	P	01 34 05.8	+0.3
PDG	Podgorica	45.22 350	i/P	P	01 33 19.0	0.0				MODS	Modra-Piesok	51.33 350	eP	Pmax	01 34 06.8	+0.7
PDG	Podgorica	45.22 350	Iamb	Iamb	01 33 22.4					MODS	comp=Z,502nm,2.4s		Pmax	Pmax		
AKH	Akhalkalaki	45.33 15	i/P	P	01 33 21.0	+0.9				MODS	Modra-Piesok	51.33 350	eP	PP	01 34 06.8	+0.7
HCY	Herceg Novi	45.36 349	eP	P	01 33 22.0	+1.7				MODS	comp=Z,6um,18.0s		ePP	PP	01 36 06.7	+3.4
RAZG	Razgrad	45.55 358	i/P	P	01 33 24.1	-0.6				MODS	comp=Z,6um,18.0s		eS	SS	01 41 23.6	-1.8
TRD	Tendrara	45.60 323	P	P	01 33 29.0	+6.5				MODS	comp=Z,6um,18.0s		eS	SS	01 45 07.0	+5.7
TREB	Trebinje	45.67 349	eP	P	01 33 22.5	-0.1				ES12	SONSECA Array	51.36 328	IAMS_20	IAMS_20	01 54 24.2	
BRY	Bratogost	45.81 349	eP	P	01 33 23.4	-0.5				ES09	SONSECA Array	51.36 328	IAMS_20	IAMS_20	01 58 08.6	
STON	Ston	45.94 349	i/P	P	01 33 24.3	-0.4				ES04	SONSECA Array	51.37 328	IAMS_20	IAMS_20	01 54 23.6	
STON	Ston	45.94 349	i/P	P	01 33 24.1	-0.6				ES13	SONSECA Array	51.38 328	IAMS_20	IAMS_20	01 54 24.8	
EANR	Ain N'Sour	45.95 328	P	P	01 33 25.7	+0.7				ES19	SONSECA Array	51.38 328	IAMS_20	IAMS_20	01 58 07.3	
ECHA	Ech Chief	45.96 329	P	P	01 33 25.2	+0.2				ES01	SONSECA Array	51.38 328	IAMS_20	IAMS_20	01 54 24.9	
EBNR	Beni Rached	45.98 329	P	P	01 33 25.5	+0.3				ES05	SONSECA Array	51.38 328	IAMS_20	IAMS_20	01 54 24.9	
INTR	Introdacuca	46.01 344	P	Iamb	01 33 24.8	-0.7				ES06	SONSECA Array	51.39 328	IAMS_20	IAMS_20	01 57 38.3	
INTR	comp=Z,116nm,1.4s				01 33 41.0					ES14	SONSECA Array	51.39 328	IAMS_20	IAMS_20	01 54 24.4	
INTR	comp=Z,6um,19.0s				01 55 58.1					ESBB	Sonsec Array	51.39 328	Iamb	Iamb	01 34 13.6	
BOVS	Bovan	46.03 353	i/P	P	01 33 24.7	-0.7				ESBB	comp=Z,100nm,1.7s		IAMS_20	IAMS_20	01 54 24.2	
UPM	Unac-Piva	46.03 350	eP	P	01 33 27.0	+1.7				ESDC	comp=Z,6um,18.0s		P	P	01 34 06.3	-0.5
RUDO	Rudo	46.36 350	i/P	P	01 33 26.9	+1.1				ESDC	comp=Z,6.6nm,0.9s,baz=141,slow=5.5,SNR=19		LR	LR	01 58 15.2	
TIRR	Tirgusor	46.40 359	P	P	01 33 27.6	-0.6				ESDC	comp=Z,5um,21.4s,baz=135,slow=39		Iamb	Iamb	01 34 13.5	
TIRR	comp=Z,164nm,1.3s				01 33 27.6	-0.6				ES07	SONSECA Array	51.40 328	IAMS_20	IAMS_20	01 57 38.3	
TIRR	comp=Z,5um,21.0s				01 33 27.6	-0.6				ES15	SONSECA Array	51.41 328	IAMS_20	IAMS_20	01 57 38.8	
TIRR	Tirgusor	46.40 359	P	P	01 33 27.6	-0.6				ES18	SONSECA Array	51.41 328	IAMS_20	IAMS_20	01 54 24.7	
AQU	L'Aquila	46.47 344	i/P	P	01 33 28.1	-0.9				MOA	Molin	51.41 347	i/P	P	01 34 06.3	-0.4
AQU	L'Aquila	46.47 344	Iamb	Iamb	01 33 40.4					ES17	SONSECA Array	51.42 328	IAMS_20	IAMS_20	01 57 39.1	
TLBR	Topalu	46.49 359	i/P	P	01 33 28.8	-0.2				ES16	SONSECA Array	51.42 328	IAMS_20	IAMS_20	01 54 25.2	
HVAR	Hvar	46.49 347	P	P	01 33 28.4	-0.7				SMOL	Smolenice	51.44 350	eP	Pmax	01 34 06.1	-0.8
PUNG	Pungghina	46.52 354	i/P	P	01 33 28.5	-0.8				SMOL	comp=Z,61nm,2.1s		eP	P	01 34 06.1	-0.8
SOC	Sochi	46.54 11	eP	PP	01 33 28.4	-1.0				SMOL	Universidad Co	51.47 329	P	P	01 34 05.8	-1.6
SOC	Sochi	46.54 11	eP	PP	01 33 30.2	-2.4				UCM	Wattenberg	51.49 345	i/P	P	01 34 27.8	+0.1
SOC	Sochi	46.54 11	eP	PP	01 36 02.5					WTTA	comp=Z,66nm,1.2s,SNR=30		eP	PP	01 36 07.2	+2.2
SOC	Sochi	46.54 11	eP	PP	01 40 15.7	-2.4				WTTA	comp=Z,41nm,1.1s		eP	PP	01 34 06.7	-1.0
SOC	Sochi	46.54 11	eP	PP	01 40 20.3	-1.7				FETA	Feichten	51.51 344	i/P	P	01 34 06.7	-1.0
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					FETA	comp=Z,28nm,1.3s,SNR=19		eP	PP	01 36 10.9	+5.8
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					PAB	comp=Z,23nm,1.2s		P	P	01 34 07.4	-0.4
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					PAB	comp=Z,102nm,1.7s		Pmax	Pmax		
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					PAB	comp=Z,4um,20.0s		MLR	MLR		
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					PAB	comp=Z,102nm,1.7s		Iamb	Iamb	01 34 07.4	-0.4
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					PAB	comp=Z,102nm,1.7s		Iamb	Iamb	01 34 16.7	
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					SQTA	Sankt Quirin	51.56 345	i/P	P	01 34 07.2	-0.8
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					SQTA	comp=Z,61nm,1.4s,SNR=48		P	PP	01 36 10.8	+5.3
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					SQTA	comp=Z,61nm,1.4s,SNR=48		P	PP	01 36 10.8	+5.3
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					WATA	Walderalm	51.57 345	i/P	P	01 34 07.7	-0.5
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					WATA	comp=Z,44nm,1.1s,SNR=22		eP	PP	01 36 08.0	+2.3
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					MOTA	Moosalm	51.70 345	i/P	P	01 34 07.7	-1.5
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					MOTA	comp=Z,45nm,1.3s,SNR=20		eP	PP	01 36 07.8	+0.9
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					JAVC	comp=Z,21nm,0.9s		eP	PP	01 34 08.9	-0.3
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					JAVC	Velka Javorina	51.73 351	i/P	P	01 36 15.4	
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					JAVC	comp=Z,21nm,0.9s		eS	P	01 41 30.8	-0.2
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					JAVC	comp=Z,21nm,0.9s		eS	P	01 34 09.8	+0.4
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					LANS	Liptovska Anna	51.74 352	eP	Pmax	01 34 09.7	-0.8
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					LANS	comp=Z,95nm,1.3s		Pmax	Pmax		
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					LANS	Liptovska Anna	51.74 352	eP	P	01 34 09.6	+0.4
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					LANS	Stebnicka Huta	51.78 354	eP	P	01 34 08.7	-0.8
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					LANS	Stebnicka Huta	51.78 354	eP	P	01 34 11.0	+0.6
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					LANS	Niedzica	51.90 353	eP	S	01 41 27.7	-4.6
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					LANS	comp=Z,2um,24.5s		eL	L	01 55 01.3	
SOC	Sochi	46.54 11	eP	PP	01 43 21.9					RETA	Reutte	51.93 344				

7d 1h

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

2015 AUG

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

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

7d 1h

Table with columns for station name, frequency, time, and signal strength. Includes stations like VAOL, KMI, SKNT, SMTB, etc.

2015 AUG

Table with columns for station name, frequency, time, and signal strength. Includes stations like ENH, MALB, DAG, SOMI, etc.

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Table with columns for station name, frequency, time, and signal strength. Includes stations like HIA, HIA, HAL, HIA, etc.

7d 1h

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KARP	Karpathos	37.50	358	P	P	01 35 49.9	-0.6
KARP	comp=Z,118nm,1.0s			I	Amb	01 35 52.6	
SANT	Santorini	38.42	355	P	P	01 35 57.5	-0.8
ELL	Ellaiti	36.67	1	P	P	01 36 01.0	+0.5
ELL	comp=Z,187nm,1.3s			P	max		
ELL	Elmali	38.67	1	P	P	01 36 01.0	+0.5
ELL	comp=Z,187nm,1.3s			I	Amb	01 36 03.2	
ITM	Ithomi	39.63	351	P	P	01 36 08.3	0.0
GAZ	Gaziantep	39.83	10	P	P	01 36 09.9	-0.2
BNN	Bunyan	41.26	8	P	P	01 36 21.3	-0.6
BNN	comp=Z,111nm,1.3s			I	Amb	01 36 54.9	
AGG	Agios Georgios	41.38	352	P	P	01 36 21.9	-1.0
AGG	comp=Z,146nm,1.0s			P	max		
AGG	Agios Georgios	41.38	352	P	P	01 36 21.9	-1.0
AGG	comp=Z,146nm,1.0s			I	Amb	01 36 23.8	
BALB	Balikisir	41.56	359	P	P	01 36 24.8	+0.6
BALB	comp=Z,150nm,1.3s			I	Amb	01 36 26.6	
BR131	Briskegin Array S	41.86	5	P	P	01 36 27.0	+0.1
BR131	comp=Z,150nm,1.3s			P	max		
BR131	Briskegin Array S	41.86	5	P	P	01 36 26.9	+0.1
BRTR	Briskegin Array B	41.86	5	P	P	01 36 27.8	+0.9
BRTR	comp=Z,169m,0.8s,baz=184,slow=9.9,SNR=5.9			P	max		
BRTR	Briskegin Array B	41.86	5	P	P	01 36 27.8	+0.9
BRTR	comp=Z,169m,0.8s			P	max		
BRTR	Briskegin Array B	41.86	5	P	P	01 36 26.5	-0.4
BRTR	comp=Z,211nm,1.0s,baz=269,slow=9.9,SNR=2.5			P	max		
BRTR	Briskegin Array B	41.86	336	P	P	01 36 27.7	+0.8
KEST	Kesra	41.86	336	P	P	01 36 27.7	+0.8
KEST	comp=Z,211nm,1.0s,baz=269,slow=9.9,SNR=2.5			P	max		
KEST	Kesra	41.86	336	P	P	01 36 27.4	+0.5
ANTO	Ankara	41.93	4	P	P	01 36 27.5	+0.1
ANTO	comp=Z,37nm,1.1s			P	max		
ANTO	Ankara	41.93	4	P	P	01 36 27.5	+0.1
ANTO	comp=Z,37nm,1.1s			P	max		
ANTO	Celeste	41.94	345	P	P	01 36 27.0	-0.5
CEL	Cel	41.94	345	P	P	01 36 27.0	-0.5
CEL	comp=Z,99nm,1.1s			I	Amb	01 36 28.8	
GURO	Gutormak-BITLI	42.23	15	P	P	01 36 31.2	+1.3
LIT	Litokhoron	42.42	353	P	P	01 36 31.5	+0.2
LIT	comp=Z,150nm,1.3s			P	max		
LIT	Litokhoron	42.42	353	P	P	01 36 31.5	+0.2
LIT	comp=Z,150nm,1.3s			P	max		
MDUB	Mudurnu	42.43	3	P	P	01 36 31.3	-0.1
MDUB	comp=Z,150nm,1.3s			P	max		
MDUB	Mudurnu	42.43	3	P	P	01 36 32.5	-0.3
MDUB	comp=Z,150nm,1.3s			P	max		
ALN	Alexandroupoli	42.59	347	P	P	01 36 35.1	+0.1
ALN	comp=Z,102nm,1.2s			P	max		
ALN	Alexandroupoli	42.59	347	P	P	01 36 35.1	+0.1
ALN	comp=Z,102nm,1.2s			I	Amb	01 36 36.6	
KBN	Korca	43.18	351	P	P	01 36 38.0	+0.4
KBN	comp=Z,171nm,1.1s			P	max		
KBN	Korca	43.18	351	P	P	01 36 38.0	+0.4
KBN	comp=Z,171nm,1.1s			P	max		
KBN	Korca	43.18	351	P	P	01 36 38.0	+0.4
KBN	comp=Z,171nm,1.1s			P	max		
FNA	Florina	43.24	352	P	P	01 36 37.4	-0.6
FNA	comp=Z,118nm,1.3s			I	Amb	01 36 39.9	
FNA	Florina	43.24	352	P	P	01 36 37.4	-0.6
FNA	comp=Z,118nm,1.3s			I	Amb	01 36 39.9	
DKM	Dikmen	43.93	7	P	P	01 36 44.0	+0.5
MATE	Matera	44.00	347	P	P	01 36 43.9	-0.1
TIR	Tirane	44.03	350	P	P	01 36 44.3	0.0
TIR	comp=Z,101nm,0.9s			P	max		
TIR	Tirane	44.03	350	P	P	01 36 44.3	0.0
TIR	comp=Z,101nm,0.9s			P	max		
TIR	Tirane	44.03	350	P	P	01 36 44.3	0.0
TIR	comp=Z,101nm,0.9s			I	Amb	01 36 45.9	
BZK	Bozkurt	44.11	5	P	P	01 36 44.2	-0.6
GNI	Garni	44.48	17	P	P	01 36 47.5	-0.6
GNI	comp=Z,54nm,1.2s			P	max		
GNI	Garni	44.48	17	P	P	01 36 47.5	-0.6
GNI	comp=Z,54nm,1.2s			P	max		
PAOL	Paolisi	44.89	345	P	P	01 36 50.0	-1.1
PAOL	comp=Z,64nm,1.2s			I	Amb	01 36 52.4	
PAOL	Paolisi	44.89	345	P	P	01 36 50.0	-1.1
PAOL	comp=Z,64nm,1.2s			I	Amb	01 36 52.4	
VSL	Villasalto	45.13	339	P	P	01 36 52.2	-1.0
VSL	comp=Z,57nm,1.1s			I	Amb	01 36 58.9	
VSL	Villasalto	45.13	339	P	P	01 36 52.2	-1.0
VSL	comp=Z,57nm,1.1s			I	Amb	01 36 58.9	
PDG	Podgorica	45.19	350	P	P	01 36 54.5	+1.0
PDG	comp=Z,57nm,1.1s			P	max		
PDG	Podgorica	45.19	350	P	P	01 36 54.3	+0.8
PDG	comp=Z,57nm,1.1s			P	max		
PDG	Podgorica	45.19	350	P	P	01 36 52.9	-0.8
PDG	comp=Z,57nm,1.1s			I	Amb	01 37 04.4	
HCY	Herceg Novi	45.35	349	eP	P	01 36 55.0	+0.2
RAZG	Razgrad	45.52	348	eP	P	01 36 56.3	+0.2
TREB	Trebinje	45.63	349	eP	P	01 36 56.1	-1.0
ZIMR	Zim	45.67	356	eP	P	01 36 57.4	0.0
BRY	Bratogost	45.78	349	eP	P	01 36 57.8	-0.6
STON	Ston	45.91	348	eP	P	01 36 57.5	-3.5
BOVS	Bovan	46.00	353	eP	P	01 36 60.0	0.0
UPM	Unac-Piva	46.00	350	eP	P	01 36 60.0	0.0
MFTR	Murfarlar	46.08	359	eP	P	01 37 00.0	0.0
COPA	Copacepana	46.16	356	eP	P	01 37 01.5	+0.3
SGRR	Singurenj	46.20	357	eP	P	01 37 01.1	-0.4
RUDO	Rudo	46.33	350	eP	P	01 36 58.3	-4.2
TIRR	Tirgusor	46.36	359	eP	P	01 37 02.4	-0.4
TIRR	comp=Z,192nm,1.5s			P	max		
TIRR	Tirgusor	46.36	359	P	P	01 37 02.4	-0.4
AQU	L'Aquila	46.44	344	eP	P	01 37 02.2	-1.3
TLBR	Topali	46.45	359	eP	P	01 37 03.6	+0.7
PUNH	Pungina	46.49	354	eP	P	01 37 03.3	+0.0
SOC	Sochi	46.51	11	eP	P	01 37 01.8	-2.1
SOC	comp=Z,62nm,0.9s			e	PPP	01 37 04.5	-0.9
SOC	Sochi	46.51	11	eP	P	01 37 01.8	-2.1
SOC	comp=Z,62nm,0.9s			e	PPP	01 38 57.0	
SOC	Sochi	46.51	11	eP	P	01 37 01.1	-0.4
SOC	comp=Z,62nm,0.9s			e	PPP	01 39 32.4	
SOC	Sochi	46.51	11	eP	P	01 40 01.2	+8.2
SOC	comp=Z,62nm,0.9s			e	PPP	01 38 57.0	
SOC	Sochi	46.51	11	eP	P	01 37 01.1	-0.4
SOC	comp=Z,62nm,0.9s			e	PPP	01 39 32.4	
SOC	Sochi	46.51	11	eP	P	01 40 01.2	+8.2
SOC	comp=Z,62nm,0.9s			e	PPP	01 38 57.0	
SOC	Sochi	46.51	11	eP	P	01 37 01.1	-0.4
SOC	comp=Z,62nm,0.9s			e	PPP	01 39 32.4	
SOC	Sochi	46.51	11	eP	P	01 40 01.2	+8.2
SOC	comp=Z,62nm,0.9s			e	PPP	01 38 57.0	
SOC	Sochi	46.51	11	eP	P	01 37 01.1	-0.4
SOC	comp=Z,62nm,0.9s			e	PPP	01 39 32.4	
SOC	Sochi	46.51	11	eP	P	01 40 01.2	+8.2
SOC	comp=Z,62nm,0.9s			e	PPP	01 38 57.0	
SOC	Sochi	46.51	11	eP	P	01 37 01.1	-0.4
SOC	comp=Z,62nm,0.9s			e	PPP	01 39 32.4	
SOC	Sochi	46.51	11	eP	P	01 40 01.2	+8.2
SOC	comp=Z,62nm,0.9s			e	PPP	01 38 57.0	
SOC	Sochi	46.51	11	eP	P	01 37 01.1	-0.4
SOC	comp=Z,62nm,0.9s			e	PPP	01 39 32.4	
SOC	Sochi	46.51	11	eP	P	01 40 01.2	+8.2
SOC	comp=Z,62nm,0.9s			e	PPP	01 38 57.0	
SOC	Sochi	46.51	11	eP	P	01 37 01.1	-0.4
SOC	comp=Z,62nm,0.9s			e	PPP	01 39 32.4	
SOC	Sochi	46.51	11	eP	P	01 40 01.2	+8.2
SOC	comp=Z,62nm,0.9s			e	PPP	01 38 57.0	
SOC	Sochi	46.51	11	eP	P	01 37 01.1	-0.4
SOC	comp=Z,62nm,0.9s			e	PPP	01 39 32.4	
SOC	Sochi	46.51	11	eP	P	01 40 01.2	+8.2
SOC	comp=Z,62nm,0.9s			e	PPP	01 38 57.0	
SOC	Sochi	46.51	11	eP	P	01 37 01.1	-0.4
SOC	comp=Z,62nm,0.9s			e	PPP	01 39 32.4	
SOC	Sochi	46.51	11	eP	P	01 40 01.2	+8.2
SOC	comp=Z,62nm,0.9s			e	PPP	01 38 57.0	
SOC	Sochi	46.51	11	eP	P	01 37 01.1	-0.4
SOC	comp=Z,62nm,0.9s			e	PPP	01 39 32.4	
SOC	Sochi	46.51	11	eP	P	01 40 01.2	+8.2
SOC	comp=Z,62nm,0.9s			e	PPP	01 38 57.0	
SOC	Sochi	46.51	11	eP	P	01 37 01.1	-0.4
SOC	comp=Z,62nm,0.9s			e	PPP	01 39 32.4	
SOC	Sochi	46.51	11	eP	P	01 40 01.2	+8.2
SOC	comp=Z,62nm,0.9s			e	PPP	01 38 57.0	
SOC	Sochi	46.51	11	eP	P	01 37 01.1	-0.4
SOC	comp=Z,62nm,0.9s			e	PPP	01 39 32.4	
SOC	Sochi	46.51	11	eP	P	01 40 01.2	+8.2
SOC	comp=Z,62nm,0.9s			e	PPP	01 38 57.0	
SOC	Sochi	46.51	11	eP	P	01 37 01.1	-0.4
SOC	comp=Z,6						

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

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VNA1, VNA1, DIAM, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like Batken, Chirah Chowk, Karatay Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like LSA Lhasa, GROC Groznyy, GNI Garni, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, etc.

PRU 07:01:57:06:8:0.0, 49:32N x 18:53E, h0km, Czech and Slovak Republics

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like OKC Ostrava-Kranus, MORC Moravsky Berou, etc.

IDC 07:02:07:33.7:4.3, 25:65N x 129:64E, h0km, mb3.7/4, mb1.3/8.4, mb1mx3.5/25, mbtm3.7/4, Error ellipse: s-maj=234.0km s-min=23.6km az=65.0

JMA 07:02:07:36.2:0.2, 25:60N x 129:51E, h46km, M3.9

ISC 07:02:07:37.1:0.1, 25:59N x 129:50E, 0.0/4, h35km, n18, e159:226, mb3.6/4, Southeast of Ryukyu islands

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like JMZ Minamidaito 2, JNTH Nagotoyohara, etc.

7d 4h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JAGN, JKE, Kume jima 2, etc.

IDC 07 02:36:20.1e.1.28.51S:67.74W, h155km, 47km, mb3.0/1, mb1.3/3, mb1mx3.1/27, mbtmp3.5/3, Error ellipse: s-maj=74.6km s-min=27.6km az=42.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC, WARR, ASAR, etc.

NEIC 07 02:46:47.7d.0.8.23.5S:0.1x1.179.8W:0.2, h541km, 6km, mb4.1/12, Error ellipse: s-maj=28.2km s-min=19.5km az=92.0

IDC 07 02:46:47.7d.2.2.23.46S:179.96W, h529km, 21km, mb3.5/5, mb1.3/7, mb1mx3.3/24, mbtmp4.7/7, Error ellipse: s-maj=38.8km s-min=20.7km az=151.0

IDC 07 02:46:47.0.0.8.23.4AS:0.1x1.179.9W:0.1, h532km, n25, #086/24, mb4.1/11, South of Fiji Islands

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSFV, URZ, EIDS, CTA, etc.

IDC 07 02:48:18.3e.2.9.2.69N:126.26E, h0km, mb3.5/3, mb1.3/7, mb1mx3.4/27, mbtmp3.5/3, Error ellipse: s-maj=310.1km s-min=26.8km az=66.0, Northern Moluca Sea

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

TUL 07 03:04:12.8e.1.4.35.44N:0.02.96.52W:0.01, h4km, 7km, ML3.0, mb_Lg2.8/52(NEIC), Error ellipse: s-maj=3.1km s-min=1.4km az=196.0

NEIC 07 03:04:13.2e.1.5.35.42N:0.03.96.50W:0.03, h10km, 7km, Error ellipse: s-maj=4.4km s-min=3.1km az=140.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OK031, OK025, FNO, etc.

2015 AUG

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like W39A, H3AR, Z3BA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like S39A, WHAR, R32A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like L3AR, R40A, T42A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like P38A, CCM, CCM, etc.

IDC 07 03:12:31.2e.1.1.34.55S:179.32W, h0km, mb4.1/2, mb1.4/3, mb1mx3.8/24, mbtmp4.1/3, ML3.9/1, Error ellipse: s-maj=62.5km s-min=40.1km az=141.0

WEL 07 03:12:36.1e.1.1.35.5E:0.1x1.179.9W:1.5, h33km, M4.3/13, MB4.6/1, ML4.5/12, ML4.3/13, MLW(MB)3.8/1, Error ellipse: s-maj=0.0km s-min=0.0km az=120.0

NEIC 07 03:12:40.9e.2.3.35.67S:0.09.179.8E:0.2, h35km, 2km, mb4.3/3, ML4.3(WEL), Error ellipse: s-maj=26.8km s-min=13.8km az=72.0

IDC 07 03:12:37.1e.1.0.34.86S:0.09.179.2W:0.1, h42km, n34, #1949/45, mb4.1/6, South of Kermadec Islands

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

IDC 07 03:12:36.1e.1.1.35.5E:0.1x1.179.9W:1.5, h33km, M4.3/13, MB4.6/1, ML4.5/12, ML4.3/13, MLW(MB)3.8/1, Error ellipse: s-maj=0.0km s-min=0.0km az=120.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ, OPZ, PRGZ, etc.

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

IDC 07 03:22:47.1e.2.6.30.29S:179.51E, h0km, mb3.7/3, mb1.4/2, mb1mx3.8/34, mbtmp4.1/4, ML2.1/1, Error ellipse: s-maj=60.0km s-min=32.1km az=67.0, Kermadec Islands region

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

IDC 07 03:23:17.4e.1.7.17.69S:177.26W, h0km, mb4.4/4, mb1.4/7, mb1mx3.9/38, mbtmp4.4/4, Error ellipse: s-maj=148.8km s-min=28.5km az=155.0, Fiji Islands region

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

IDC 07 03:29:54.2e.1.1.41.19N:138.46E, h0km, mb3.6/4, mb1.3/9, mb1mx3.5/45, mbtmp3.6/8, ML3.2/3, Error ellipse: s-maj=30.4km s-min=22.3km az=104.0

JMA 07 03:29:55.8e.0.2.41.20N:138.52E:145km, 3km, M3.5, ISC 07 03:29:54.1e.1.6.41.20N:138.52E:0.05, h4km, 10km, n25, #171/39, mb3.6/4, 1C-5D, Eastern Sea of Japan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JOSH, JOSH, JIWI, etc.

IDC 07 03:50:46.6e.5.9.24.92S:179.52E, h530km, 55km, mb3.3/6, mb1.3/8, mb1mx3.2/25, mbtmp4.2/8, Error ellipse: s-maj=103.8km s-min=18.0km az=153.0

IDC 07 03:50:44.3e.1.4.25.2S:0.2.179.7E:0.2, h507km, n9, #086/8, mb3.7/6, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSFV, DZM, CTA, etc.

RSNC 07 04:24:34.0e.9.8.16N:72.10W, h4km, 8km, ML2.3, FUNV 07 04:24:35.6e.7.78N:71.93W, h15km, MW3.4, ISC 07 04:24:33.9e.1.4.8.20N:0.05.72.05W:0.03, h16km, 12km, n11, #126/22, Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CAPV, SOCV, SOCV, etc.

Table with columns: CURV, CRUC, CRUC, CRUC, DABV, DABV, BAUV, BAUV. Includes station names like Cerrejón, Guaj, Babajuro, El Baul and various parameters.

NEIC 07 04:24:32.2±1.2, 23°96'N, 0°06'122.44E, 0.06, h20km, 4km, mb4.0/6, Error ellipse: s-maj=9.4km s-min=5.6km az=141.0

TAP 07 04:24:33.8, 24°02'N, 122°45'E, h41km, ML4.0, D JMA 07 04:24:33.2±0.2, 23°98'N, 122°44'E, h23km, 4km, M3.6 IDC 07 04:24:39.0±1.1, 0, 24°02'N, 122°14'E, h69km, 115km, mb3.6/6, mb1.3/6, mb1mx3.3/58, mbtmp3.9/7, ML3.7/1, Error ellipse: s-maj=100.2km s-min=26.3km az=62.0

ISC 07 04:24:33.1±1.0, 24°00'N, 0°02'122.44E, 0.02, h28km, 8km, n135, e0°85/230, mb3.9/10, 5C-2D, Taiwan region

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Yonagunijimaku, Yonaguni jima, Yonaguni jima, etc.

Main station list table with columns: EYUL, IRIF, NWF, TWA, NHHH, NHHH, TATO, FULB, FULB, CHKT, CHKT, TAP, TAP, TAP, SSLB, SSLB, SSLB, YM01, YM01, WHP, WHP, WHP, WCS, WCS, SMLT, SMLT, SMLT, TWS1, TWS1, ANP, ANP, ANP, JKRS, LIOB, LIOB, TYC, TYC, NSTT, NSTT, NSTT, EDH, EDH, NTST, NTST, TWY, TWY, TWY, WHYT, WHYT, NCU, ELDTW, ELDTW, ELDTW, SBCB, SBCB, SBCB, HSN, HSN, TWQ1, TWQ1, TWQ1, ALS, ALS, ALS, NSY, NSY, NSY, LDUT, LDUT, LDUT, JJU, JJU, JJU, NMLH, NMLH, NMLH, WNT, WNT, WNT, TCU, TCU, TCU, LONT, LONT, LONT, PCYT, PCYT, PCYT, CHNS, CHNS, CHNS, WDJ, WDJ, WDJ, TWGBT, TWGBT, TWGBT, TWG, TWG, TWG, WCHH, WCHH, WCHH, STYH, STYH, STYH, WDLH, WDLH, WDLH, TPUB, TPUB, TPUB, TPUB, TPUB, TPUB, WTP, WTP, WTP, WRL, WRL, WRL

Main station list table with columns: WTK, WTK, WTK, CHY, CHY, CHY, SLGT, SLGT, SLGT, CHN1, CHN1, CHN1, SGST, SGST, SGST, TWK, TWK, TWK, ECL, ECL, ECL, ECL, SSD, SSD, SSD, ICHU, ICHU, ICHU, TSMG, TSMG, TSMG, TSMG, CHN8, CHN8, MASBT, MASBT, MASBT, EAST, EAST, EAST, SCZT, SCZT, SCZT, SCZT, SLIU, SLIU, SLIU, TWKBT, TWKBT, TWKBT, WDG, WDG, WDG, WDG, PHUB, PHUB, PHUB, PHUB, PNG, PNG, PNG, VCHM, VCHM, VCHM, VCHM, VVUC, VVUC, VVUC, MATB, MATB, MATB, MATB, PTMZ, PTMZ, PTMZ, PTMZ, LYJJ, LYJJ, LYJJ, XPSS, XPSS, XPSS, XPSS, KNM, KNM, KNM, KNM, KNMB, KNMB, KNMB, KNMB, MHZO, MHZO, MHZO, AXDP, AXDP, AXDP, AXDP, ZPLA, ZPLA, ZPLA, ZPLA, KRSR, KRSR, MK31, MK31, MK31, MKAR, MKAR, ZALV, ZALV, KURK, KURK, KURB, KURB, WRAB, WRAB, WRA, WRA, KK31, KK31, KK31, KKAR, KKAR, BRVK, BRVK, ASAR, ASAR, ABKAR, ABKAR, FINES, FINES, BRTR, BRTR

IDC 07 04:25:13.9±1.4, 26°09'N, 57°23'E, h0km, mb3.6/8, mb1.3/6, mb1mx3.4/51, mbtmp3.6/9, ML3.3/1, Error ellipse: s-maj=32.6km s-min=25.7km az=74.0

TEH 07 04:25:17.1, 26°07'N, 57°27'E, h28km, ML4.0, THR 07 04:25:18.2±0.9, 26°25'N, 57°30'E, h15km, 9km, ML3.7 OMAN 07 04:25:18.1±0.3, 25°55'N, 57°30'E, h10km, ml3.5/18, Error ellipse: s-maj=4.5km s-min=2.0km az=28.0

DSN 07 04:25:19.2±0.1, 25°81'N, 57°21'E, h5km, ML3.4/10, Error ellipse: s-maj=2.0km s-min=1.0km az=225.0

ISC 07 04:25:17.8±1.2, 25°97'N, 0°04'57.35E, 0.03, h29km, 11km, n95, e113/114, mb3.6/8, Southern Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like JSK1, BANOH, BANOM, BANOM, BANOM, BANOM, SHME, SHME, SHME, SHME, MDH, MDH

Table with columns: Station ID, Name, Frequency, Power, Modulation, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like WAKR Walker, MIAR Mount Ida, W39A Magazine, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like CCM Cathedral Cave, BRAL Brewton, LNXT Lenox, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like COR Corvallis, Y52A Yilburn, SOR Soroa, etc.

7d 5h

Table of astronomical observations for 7 days and 5 hours, listing station names, coordinates, and observation details.

2015 AUG

Table of astronomical observations for August 2015, listing station names, coordinates, and observation details.

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Table of astronomical observations for August 2015, listing station names, coordinates, and observation details.

7d 5h

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like MIAR, N23A, W39A, X40A, ELK, etc.

2015 AUG

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like SCIA, ECSD, J04D, P43A, etc.

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Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like EYMN, BLA, AAM, AAM, ULM, etc.

Table with columns: IATA, Name, Altitude, Frequency, Mode, Status, and other flight details. Includes entries like 162A Tamworth, SMLC San Martin de WRACK, etc.

Table with columns: IATA, Name, Altitude, Frequency, Mode, Status, and other flight details. Includes entries like WAT1 Susitna Watana, SUT1 Susitna One, etc.

Table with columns: IATA, Name, Altitude, Frequency, Mode, Status, and other flight details. Includes entries like PB14 IPOC Station P, AF01 San Pedro de A, etc.

7d 6h

Table with columns for station ID, name, elevation, frequency, and signal strength. Includes stations like NHSC New Hope, R53A Hurricane, A04D Lummi Island, etc.

2015 AUG

Table with columns for station ID, name, elevation, frequency, and signal strength. Includes stations like K63A Dunstable, FFD Franklin Falls, L64A Middleborough, etc.

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Table with columns for station ID, name, elevation, frequency, and signal strength. Includes stations like GLI Glacier Island, L26K Log Cabin Wild, HARP HAARP, etc.

7d 7h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GOLH, AKUM, BRTR, MMAI, EIL, GERES, AKASG, KBZ, ESDC, HFS, FINES, NB2, NOA, EKA, TORD, AKTO, ARCES, MKAR, ZALV, SONM, KLR, ILAR.

NEIC 07 06:59:46.9:0.5, 16:30S:0:05:177:73E:0:09, h5km, 6km, mb4.4/7, Error ellipse: s-maj=12.7km s-min=7.3km

IDC 07 06:59:51.0:0.7, 16:87S:177:07E, h0km, mb4.3/8, mb1.4/6/8, mb1mx4.2/26, mbtmpt4.3/8, MS3.9/15, Ms1.4/0.15, ms1mx3.8/24, Error ellipse: s-maj=20.8km s-min=12.9km az=34.0

GCMT 07 06:59:53.9:0.4, 16:41S:0:02:177:25E:0:02, h14km, 2km, MW4.9/76, Moment Tensor Solution. s8,c9; s76,c97; Duration: 0 Moment tensor: Scale 10^18Nm; M1:0.25; 12; M2:0.42; 13; M3:0.17; 09; M4:0.96; 33; M5:2.29; 22; M6:0.12; 22; Best double couple: M0:2.49600; 1016 N1:3.00000; 868.00000; 1.150.00000; N1P2: 6.93.00000; 890.00000; 1.22.00000; Principal axes: T 2.6560, P1g16.0000; Azm93.0000; N -0.3190, P1g68.0000; Azm93.0000; P -2.3370, P1g16.0000; Azm226.0000; nstat refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 07 06:59:52.6:0.6, 16:81S:0:09:177:26E:0:09, h10km, n41, a180/28, mb4.3/12, MS4.0/13, Fiji Islands

Main table of station data for the 7d 7h event, listing station names, coordinates, and phases.

2015 AUG

comp=Z.74nm,19.7s,baz=0.0,slow=32 GERES GRESS Array B 145.35 341 PKPbc PKPbc 07 19 30.5 -0.2 comp=Z.0.2nm,0.3s,baz=60,slow=3.9,SNR=1.4

NNC 07 07:03:38.7:1.9, 40:85N:79:81E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=13.2km s-min=12.2km az=103.0 SOME 07 07:03:36.8, 40:82N:79:90E, h10km, 2D, Southern

Table of station data for the 2015 AUG event, listing station names, coordinates, and phases.

IDC 07 07:03:38.1:3.3, 53:57N-87:73E, h0km, mb1.3/4.2, mb1.3/3.4/8, mbtmpt3.4/2, ML2.9/2, Error ellipse: s-maj=29.0km s-min=14.7km az=62.0, Southwestern Siberia

Table of station data for the IDC 07 07:03:38 event, listing station names, coordinates, and phases.

SOME 07 07:18:42.3:39:30N:75:18E, h0km KRNET 07 07:18:42.6:0.1, 38:90N:74:98E, mb3.3 NNC 07 07:18:44.4:1.6, 39:29N:75:19E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=11.2km s-min=8.9km az=160.0

ISC 07 07:18:45.3:1.9, 39:33N:0:09:75:18E:0:04, h10km, n38, a259/19, 13C-SD, Southern Xinjiang

Main table of station data for the 2015 AUG event, listing station names, coordinates, and phases.

340

TNSS Tian-Shan 3.93 19 Pg Pb 07 19 57.3 +2.3 8.0nm,0.6s

Main table of station data for the 340 event, listing station names, coordinates, and phases.

IDC 07 07:55:26.9:3.0, 54:40N-86:81E, h0km, mb1.3/0.2, mb1mx2.9/4.4, mbtmpt3.0/2, ML2.8/2, Error ellipse: s-maj=24.2km s-min=17.3km az=50.0, Southwestern Siberia

Table of station data for the IDC 07 07:55:26.9 event, listing station names, coordinates, and phases.

P19K		S	Sn	08 52 15.3 -0.8
ILIM	baz=72	Pn	08 52 05.6 -0.9	
HOM	liamna	Pn	08 52 06.8 -0.1	
HOM	Homer	Pn	08 52 17.5 +0.4	
HOM	Homer	IAML	08 52 18.2	
HOM	comp=N,12um,0.7s		08 52 18.4	
HOM	comp=E,7um,0.5s	P	08 52 06.9 -0.1	
HOM	Home	Pn	08 52 17.4 +0.3	
HOM	baz=284,SNR=143	S		
AUZ2	Augustine Moun	Pn	08 52 07.6 -0.4	
AUL	Augustine Lava	Sp	08 52 18.5 -0.4	
AUQ	Augustine Qik'	Pn	08 52 07.8 -0.4	
AUO	Augustine Qik'	Sn	08 52 08.1 -0.3	
AGU	Augustine-Summ	Pn	08 52 19.2 -0.3	
AUG	Augustine Cone	Pn	08 52 08.1 -0.4	
AUW	Augustine West	Pn	08 52 08.1 -0.4	
RSO	Redoubt South	Pn	08 52 08.2 -0.2	
RDWB	Redoubt West	Pn	08 52 09.0 -0.5	
RDWB	Redoubt West	Pn	08 52 09.1 -0.7	
NCT	North Crescent	Sn	08 52 11.1 -0.9	
NCT	North Crescent	Pn	08 52 10.0 -0.5	
DFR	Drift River	Sn	08 52 10.2 -0.5	
DFR	Drift River	Sn	08 52 23.1 -0.5	
BRLK	Bradley Lake	Sn	08 52 10.0 -0.6	
BRLK	Bradley Lake	Sn	08 52 22.9 -0.6	
RDJH	Redoubt Jeurge	Pn	08 52 10.3 -0.4	
RDJH	Redoubt Jeurge	Pn	08 52 23.4 -0.4	
BRSE	Bradley Lake S	Pn	08 52 10.7 -0.7	
BRSE	Bradley Lake S	Pn	08 52 24.1 -0.8	
BRSE	Bradley Lake S	P	08 52 10.9 -0.5	
BRSE	baz=272,SNR=402	S		
O19K	Port Alsworth	Pn	08 52 24.3 -0.7	
O19K	Port Alsworth	Pn	08 52 11.9 -0.5	
O19K	Port Alsworth	Pn	08 52 26.0 -0.8	
O19K	Port Alsworth	P	08 52 11.9 -0.5	
O19K	Port Alsworth	S	08 52 26.1 -0.6	
CAPN	Captain Cook N	Pn	08 52 16.6 +1.5	
CAPN	Captain Cook N	P	08 52 16.6 +1.5	
O18K	Koktuh Hills	Pn	08 52 16.6 +1.5	
O18K	Koktuh Hills	Pn	08 52 16.3 -0.6	
O18K	Koktuh Hills	S	08 52 33.6 -1.1	
SLKM	Skilak Lake	Pn	08 52 16.6 -0.5	
N19K	Bonanza Creek	Pn	08 52 17.5 -0.3	
N19K	Bonanza Creek	P	08 52 35.5 -1.0	
N19K	Bonanza Creek	P	08 52 17.6 -0.3	
N19K	baz=136,SNR=266	S		
SPU	Mount Spurr	Pn	08 52 17.9 -0.0	
SPUR	Spurr Chakacha	Pn	08 52 18.0 -0.1	
SPCR	Spurr Chakacha	P	08 52 18.0 -0.1	
SPCR	Spurr Chakacha	S	08 52 36.7 -0.1	
SPCN	Chachachna No	Pn	08 52 18.5 +0.1	
SPBG	Spurr Blockage	Pn	08 52 18.7 -0.0	
SPBG	Spurr Blockage	Pn	08 52 38.6 +0.7	
BGL	Barrier Glacier	Pn	08 52 18.8 -0.0	
KAPH	Katmai Pasha	Pn	08 52 18.8 -0.2	
SPW	Spurr West	Pn	08 52 19.1 +0.2	
SPCP	Crater Peak Br	Pn	08 52 19.1 +0.1	
SPCG	Spurr Capps Gt	Pn	08 52 19.5 +0.1	
O22K	Cooper Landing	Pn	08 52 19.2 -0.4	
O22K	Cooper Landing	P	08 52 19.2 -0.4	
SEW	Seward	Pn	08 52 19.4 -0.2	
SEW	Seward	Pn	08 52 38.3 -1.5	
SEW	Seward	Pn	08 52 19.5 -0.2	
SEW	baz=259,SNR=32	S		
SPNN	North Nagishla	Pn	08 52 20.3 0.0	
SPNN	North Nagishla	Pn	08 52 20.0 -0.5	
KAHC	Katmai Hardscr	Pn	08 52 20.9 -0.5	
STLK	Strandline Lake	Pn	08 52 22.4 +0.1	
STLK	Strandline Lake	Pn	08 52 26.6 +1.3	
FIS	Fire Island	IAML	08 52 56.5	
KAWH	Katmai	Pn	08 52 22.6 -0.3	
N18K	Kilae Creek	Pn	08 52 23.7 -0.4	
N18K	Kilae Creek	Pn	08 52 16.2 -1.3	
N18K	Kilae Creek	P	08 52 23.8 -0.3	
N18K	baz=117,SNR=98	S		
SUA	Susitna One	Pn	08 52 24.5 +0.3	
SUA	Susitna One	Pn	08 52 24.6 +0.4	
RC01	Rabbit Creek A	Pn	08 52 24.0 -0.1	
RC01	Rabbit Creek A	IAML	08 52 50.0	
RC01	Rabbit Creek A	P	08 52 24.1 0.0	
RC01	baz=227,SNR=161	S		
KAKN	Katmai Knife C	Pn	08 52 24.7 +0.2	
KAKN	Katmai Knife C	Pn	08 52 24.7 -0.3	
KAKN	Katmai Knife C	Pn	08 52 48.0 -1.1	
KDAD	Kodiak Island	Pn	08 52 24.2 -0.8	
KDAD	comp=N,106nm,0.3s,baz=148,slow=17,SNR=887	Sn	08 52 47.7 -1.6	
KDAD	comp=N,41nm,0.3s,baz=148,slow=22,SNR=13	LR	08 53 32.2	
KDAD	comp=N,68nm,21.2s,baz=15,slow=47	Pn	08 52 24.3 -0.8	
KVTA	Katmai Vly 10	Pn	08 52 24.8 -0.3	
SVW2	Sparrevohn	Pn	08 52 24.8 -0.7	
SVW2	Sparrevohn	Pn	08 52 24.8 -0.7	
KCE	Katmai Mt Cerb	Pn	08 52 26.3 +0.3	
KABU	Katmai Buttes	Pn	08 52 26.3 0.0	
KABR	Katmai Barrier	Pn	08 52 50.9 -0.5	
M20K	Styx River	Pn	08 52 26.1 -0.2	
M20K	Styx River	P	08 52 27.4 +0.2	
M20K	Styx River	P	08 52 27.4 +0.2	
CAHL	Cahill	Pn	08 52 28.8 +0.3	
M19K	Big River Lodg	Pn	08 52 29.6 0.0	
M19K	Big River Lodg	Pn	08 52 29.6 0.0	
KJL	Kejulik	Pn	08 52 30.0 +0.3	
PWL	Port Wells	Pn	08 52 29.1 -0.9	
PWL	Port Wells	Sn	08 52 56.5 -1.6	
PWL	Port Wells	IAML	08 52 58.4	
PMR	Palmer	Pn	08 52 31.0 -0.5	
PMR	Palmer	IAML	08 53 01.4	
PMR	comp=N,755nm,0.7s	IAML	08 53 04.2	
PMR	comp=E,834nm,0.6s	Pn	08 52 31.1 -0.5	
PMR	baz=224,SNR=88	S		
OHAK	Old Harbor	Pn	08 52 59.3 -1.6	
OHAK	Old Harbor	Pn	08 52 31.7 -1.3	
OHAK	Old Harbor	P	08 52 31.7 -1.3	
KNK	Knik Glacier	Pn	08 52 32.7 -0.5	
KNK	Knik Glacier	Pn	08 53 03.2 -0.7	
KNK	comp=N,1um,0.8s	Pn	08 53 11.9	
PAX	Knik Glacier	Pn	08 52 32.8 -0.5	
KNK	Knik Glacier	S	08 53 02.8 -1.1	
L19K	White Mountain	Pn	08 52 34.1 -0.1	
L19K	White Mountain	P	08 52 34.4 +0.1	
L19K	White Mountain	S	08 53 04.9 -0.8	
L19K	baz=154	S		
GHO	Glory Hole Cre	Pn	08 52 33.9 -0.5	
PLK2	Peulik 2	Pn	08 52 36.3 +0.1	
CUT	Chulitna	Pn	08 52 36.9 +0.2	

CUT	Chulitna	2.86	22	P	Pn	08 52 36.9 +0.2
PLK1	Peulik 1	2.90	229		Pn	08 52 37.8 +0.6
SML	Sawmill	2.90	43		Pn	08 52 36.8 -0.5
SML	Sawmill	2.90	43	IAML		08 53 21.1
SML	comp=N,684nm,0.6s			IAML		08 53 21.3
SML	comp=E,735nm,0.8s			IAML		08 52 36.8 -0.5
GLI	Glacier Island	2.92	65	P	Pn	08 52 35.6 -2.0
GLI	Glacier Island	2.92	65	IAML		08 53 09.9
GLI	Glacier Island	2.92	65	P	Pn	08 52 35.9 -1.7
HIN	Hinchinbrook I	3.08	76	Pn		08 52 38.1 -1.6
HIN	Hinchinbrook I	3.08	76	IAML		08 53 14.2
PPLA	Purkypile	3.14	3	Pn		08 52 41.3 +0.6
PPLA	Purkypile	3.14	3	P	Pn	08 52 41.4 +0.7
Q23K	Middleton Isla	3.16	94	Pn		08 52 39.9 -0.8
Q23K	Middleton Isla	3.16	94	P	Pn	08 52 40.1 -0.7
MID	Middleton Isla	3.17	94	Pn		08 52 39.9 -0.9
FID	Port Fidalgo	3.17	69	Pn		08 52 38.5 -2.4
FID	Port Fidalgo	3.17	69	IAML		08 53 15.9
FID	comp=N,762nm,0.6s			IAML		08 53 17.6
SCM	Sheep Creek Mo	3.28	49	Pn		08 52 42.1 -0.4
SCM	Sheep Creek Mo	3.28	49	IAML		08 53 34.8
SCM	comp=E,746nm,1.1s			IAML		08 53 42.9
SII	Sitkinak Island	3.34	196	Pn		08 52 41.9 -1.3
SII	Sitkinak Island	3.34	196	IAML		08 53 36.1
SII	comp=N,527nm,0.7s			IAML		08 53 37.1
SII	comp=E,468nm,0.7s			IAML		08 52 42.0 -1.3
SII	comp=N,464nm,0.8s			P	Pn	08 52 45.7 +0.3
EYAK	Cordova Ski Ar	3.48	74	Pn		08 52 43.5 -1.5
EYAK	Cordova Ski Ar	3.48	74	P	Pn	08 52 43.0 -2.0
HUR	Hurricane	3.51	22	Pn		08 52 46.0 +0.6
WAT7	Susitna Watana	3.55	28	Pn		08 52 45.9 -0.2
TTA	Tatalina	3.57	323	Pn		08 52 46.0 +0.3
TTA	Tatalina	3.59	334	P	Pn	08 52 46.3 -0.3
TTA	Tatalina	3.59	334	P	Pn	08 52 46.4 -0.3
DIV	Divide	3.62	65	Pn		08 52 45.7 -1.3
DIV	Divide	3.62	65	P	Pn	08 52 45.3 -3.0
WAT1	Susitna Watana	3.62	30	Pn		08 52 47.3 +0.3
WAT1	Susitna Watana	3.62	30	P	Pn	08 52 47.3 +0.3
WAT6	Susitna Watana	3.65	37	Pn		08 52 47.2 -0.3
WAT6	Susitna Watana	3.65	37	P	Pn	08 52 47.3 -0.3
K20K	Telida	3.68	349	Pn		08 52 48.0 +0.2
K20K	Telida	3.68	349	P	Pn	08 52 48.0 +0.2
KLU	Klutina	3.69	59	Pn		08 52 46.9 -1.0
KLU	Klutina	3.69	59	IAML		08 53 33.9
KLU	comp=E,509nm,0.4s			P	Pn	08 52 46.9 -1.0
TRF	Thorofore Moun	3.85	15	IAML		08 52 49.8 -0.4
TRF	Thorofore Moun	3.85	15	IAML		08 53 40.1
TRF	comp=N,337nm,1.0s			IAML		08 54 00.3
TRF	comp=E,217nm,0.5s			IAML		08 52 50.1 -0.1
KTH	Kantishna Hill	3.87	11	IAML		08 52 50.5 0.0
KTH	Kantishna Hill	3.87	11	IAML		08 53 43.1
KTH	comp=E,190nm,0.9s			IAML		08 53 59.7
M24K	Tolsona, Glenn	3.89	50	Pn		08 52 50.4 -0.3
M24K	Tolsona, Glenn	3.89	50	IAML		08 53 51.2
M24K	Tolsona, Glenn	3.89	50	P	Pn	08 52 50.4 -0.3
GOAT	Goat Mountain	3.98	75	Pn		08 52 50.3 -1.6
RAGM	Ragged Mountai	3.98	78	Pn		08 52 50.1 -1.8
RAGM	Ragged Mountai	3.98	78	IAML		08 53 38.7
RND	Reindeer	4.05	24	Pn		08 52 52.5 -0.3
RND	Reindeer	4.05	24	IAML		08 53 40.5
RND	comp=E,301nm,0.4s			IAML		08 53 40.9
KAIM	Kayak Island	4.09	84	IAML		08 52 52.7 -0.7
KAIM	Kayak Island	4.09	84	IAML		08 53 47.4
KAIM	comp=N,180nm,0.4s			P	Pn	08 52 53.6 +0.2
BMRM	Bremner River	4.11	70	Pn		08 52 52.0 -1.8
BMRM	Bremner River	4.11	70	IAML		08 54 01.3
BMRM	comp=N,208nm,0.7s			IAML		08 54 04.3
BMRM	comp=E,167nm,0.7s			P	Pn	08 52 51.9 -1.8
CHUM	Lake Minchumin	4.13	1	Pn		08 52 54.2 +0.3
CHUM	Lake Minchumin	4.13	1	P	Pn	08 52 54.0 +0.1
HMT	Hamilton	4.18	79	Pn		08 52 52.9 -1.7
HMT	Hamilton	4.18	79	IAML		08 53 43.1
CHIR	Chirikof Moun	4.29	204	Pn		08 52 54.6 -1.5
N25K	Chitina, Valde	4.31	61	IAML		08 52 55.4 -1.1
N25K	Chitina, Valde	4.31	61	IAML		08 53 44.8
N25K	comp=N,176nm,0.4s			IAML		08 53 45.5
N25K	comp=E,135nm,0.5s			P	Pn	08 52 55.3 -1.1
N25K	Chitina, Valde	4.31	61	P	Pn	08 52 54.9 -1.7
N25K	Chitina, Valde	4.31	61	Pn		08 52 57.5 +0.9
N25K	Chitina, Valde	4.33	22	IAML		08 53 48.7
MCK	McKinley	4.33	22	IAML		08 53 49.8
MCK	comp=N,235nm,0.4s			P	Pn	08 52 57.2 +0.5
MCK	comp=E,208nm,0.4s			P	Pn	08 52 56.9 -0.8
BPAW	Bear Paw Mtn.	4.41	9	Pn		08 52 57.3 -0.4
BPAW	Bear Paw Mtn.	4.41	9	P	Pn	08 52 56.9 -0.9
SUCK	Sucking Hills	4.42	82	Pn		08 52 57.7 -0.5
HARP	Harper	4.45	50	Pn		08 53 48.9 +0.1
HARP	Harper	4.45	50	P	Pn	08 52 58.0 -0.2
BERG	Berg Lake	4.46	78	Pn		08 52 57.5 -1.0
BERG	Berg Lake	4.46	78	IAML		08 53 48.2
J20K	Nowinta River	4.49	351	Pn		08 52 58.9 +0.1
J20K	Nowinta River	4.49	351	P	Pn	08 52 58.9 +0.1
GLB	Gilghina Butte	4.61	65	IAML		08 52 59.1 -1.4
GLB	Gilghina Butte	4.61	65	IAML		08 54 09.3
BWN	Browne	4.65	17	Pn		08 53 01.7 +0.8
BWN	Browne	4.65	17	IAML		08 54 34.9
BWN	comp=E,179nm,1.0s			IAML		08 54 38.7
GRIN	Grindlie Hills	4.65	80	Pn		08 53 00.4 -0.6
BGLC	Bering Glacier	4.66	82	P	Pn	08 53 01.4 +0.3
BGLC	Bering Glacier	4.66	82	P	Pn	08 53 01.5 +0.4
PAX	Paxson	4.67	44	Pn		08 53 01.2 -0.2
PAX	Paxson	4.67	44	P	Pn	08 53 01.1 -0.2
PKHIT	Kitroy Hills					

7d 9h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Dawson Inlet, Moresby Island, Yellowknife Arr, Newport, Seymchan, etc.

TAP 07 09:04:19.8, 24°44'N, 121°42'E, h7km, ML4.0, B
IDC 07 09:04:19.8, 1.3, 24°02'N, 120°85'E, h0km, mb3.6/4,
mb1.3/7.5, mb1mx3.4/46, mbmt3.6/5, ML3.5/1, Error
ellipse: s-maj=70.1km s-min=22.5km az=66.0
IASPEI 07 09:04:20.3, 0.8, 24°45'N, 121°42'E, h5km, 4km,
mb3.5/4, Error ellipse: s-maj=2.6km s-min=1.7km
az=112.0, G75 selection from ISC bulletin G75 identified
by Bondr and McLaughlin (2009) selection criteria Bondr
and McLaughlin, A new ground truth data set for seismic
studies, Seism. Res. Let., 80, 465-472,
2009

ISC 07 09:04:20.3, 0.8, 24°45'N, 121°42'E, h5km, 4km,
n103, c0664/194, mb3.5/4, 8C-3D, Taiwan

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous seismic stations and their recorded data.

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Table with columns: Station Name, Az, Phase ID, Time, Res. Lists stations like Tongmen, Hsinchu, HSN1, HSN2, etc.

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Table with columns: Station Name, Az, Phase ID, Time, Res. Lists stations like WKG, Gukeng, WTK, Fulb, etc.

NOU 07 09:14:27.2, 42°77'S, 173°51'E, h9km, ML4.1/9, South
Island, New Zealand
WEL 07 09:14:29.2, 0.4, 43°S, 173°31'E, h14km, 3km, M3.6/12,
ML3.8/12, MLv3.6/12, Error ellipse: s-maj=0.0km
s-min=0.0km az=118.8, South Island

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like Waitaha Valley, WZV, WZV, WZV, etc.

IDC 07 09:17:46.8±2.9, 53711N-88°07'E, h0km, mb1 3.1/2, mb1mx3.0/43, mbtmt3.1/2, ML2.7/2, 4C-2D, Error ellipse: s-maj=24.2km s-min=16.0km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ZALESOVO INFRA, ZALV, ZALV, etc.

IDC 07 09:22:01.4±2.9, 53°57'N-87°82'E, h0km, mb1 2.9/2, mb1mx2.9/44, mbtmt3.9/2, ML2.7/2, Error ellipse: s-maj=24.0km s-min=15.1km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ZALESOVO INFRA, ZALV, ZALV, etc.

NEIC 07 09:42:11.6±1.6, 11°72'S-0°09'167.2E±0.1, h19km, 5km, mb4.6/19, Error ellipse: s-maj=18.3km s-min=11.6km az=60.0

IDC 07 09:42:14.2±3.9, 11°76'S-167°10'E, h40km, 33km, mb3.8/10, mb1 4.1/12, mb1mx3.8/48, mbtmt4.2/12, ML4.6/2, MS3.7/18, Ms1 3.8/18, ms1mx3.6/37, Error ellipse: s-maj=23.8km s-min=18.7km az=76.0

ISC 07 09:42:09.9±0.7, 11.735°S-08.167°17'E±0.1, h10km, n52, ±0.914/0, mb4.3/19, MS3.8/18, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SARAOUITOU, HNR, HNR, etc.

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

IDC 07 09:47:00.3±19.0, 22°78'N-108°62'W, h0km, mb1 3.6/5, mb1mx3.4/39, mbtmt3.3/5, ML3.6/5, Error ellipse: s-maj=26.0km s-min=41.8km az=172.0

MEX 07 09:47:14.2±23.93N-108°93'W, h10km, ISC 07 09:47:11.3±3.23, 23.8N-0.3, 108.87W±0.09, h10km, n6, ±2918/8, 1D, Gulf of California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like LAPAZ, LP1G, SSG, etc.

IDC 07 09:49:00.5±0.8, 27°13'N-103°21'E, h0km, mb3.8/15, mb1 3.9/15, mb1mx3.8/50, mbtmt3.8/15, MS3.7/3, Ms1 3.7/3, ms1mx2.9/49, Error ellipse: s-maj=33.4km s-min=15.3km az=52.0

BJI 07 09:49:03.2±0.2, 27°09'N-103°31'E, h11km, mb4.2/2, ML3.9/13

NEIC 07 09:49:06.5±1.2, 27°21'N-106°103'34'E±0.1, h35km, 1km, mb4.2/14, Error ellipse: s-maj=16.9km s-min=6.0km az=60.0

ISC 07 09:49:02.3±0.5, 27°15'N-104°103'32'E±0.06, h10km, n40, ±151/43, mb4.0/19, 1D, Yunnan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KUNMING, GUIYANG, CHENGDU, etc.

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

TAP 07 09:54:54.0±24.45N-121°42'E, h7km, ML3.6, 5C-2D, B, Taiwan

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

7d 10h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like HSN, OWD, NTC, TWA, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TWF1, EYUL, WDLH, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like AFI, MSVF, RAR, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
U15A	IAMB	IAMB			10 29 29.7	
PSUT	comp=Z,6.9nm,1.2s					
Shurtz Canyon	76.96	44	P	P	10 29 27.8 +1.4	
SZCU	76.99	45	P	P	10 29 27.7 +1.0	
ELK	comp=Z,6.2nm,1.4s					
ELK	Elko	77.24	41	P	10 29 29.4 +1.4	
USSURK	comp=Z,4.9nm,1.1s					
USSURK	Lajitas Ar	77.38	323	LR	10 58 11.5	
PKCU	comp=Z,36nm,20.7s,baz=257,slo=32					
G08A	Pink Cliffs	77.45	45	P	10 29 32.1 +2.8	
G08A	Pilot Rock	77.59	36	P	10 29 31.2 +1.5	
MVU	comp=Z,6.3nm,1.1s					
MVU	Marysvale	78.05	44	P	10 29 34.5 +2.0	
MSU	Marysvale	78.08	44	P	10 29 34.4 +1.7	
BMO	Blue Mountains	78.28	37	P	10 29 34.5 +1.0	
MFID	comp=Z,4.5nm,1.1s					
DUG	Camas Ranch	78.34	39	P	10 29 34.8 +0.9	
F10A	Dugway, Toeole	78.51	43	P	10 29 36.0 +1.1	
BMRM	Beach Ranch, E	78.98	36	P	10 29 38.1 +0.8	
HLID	Bremner River	79.24	14	P	10 29 39.6 +1.3	
HLID	Hailey	79.28	39	P	10 29 40.3 +1.2	
SPUT	comp=Z,6.5nm,0.8s					
SPUT	South Promonto	79.32	42	P	10 29 40.9 +1.5	
HVU	comp=Z,8.7nm,1.3s					
HVU	Hansel Valley	79.36	41	P	10 29 40.7 +1.1	
JLU	comp=Z,4.8nm,0.8s					
JLU	Jordanelle	79.61	43	P	10 29 42.1 +1.0	
MNTX	comp=Z,6.3nm,1.0s					
MNTX	Cornudas Mount	79.87	53	P	10 29 43.6 +1.2	
BNN	Barren Site	79.97	51	P	10 29 45.1 +1.9	
PV05	Paradox Valley	79.98	46	P	10 29 44.8 +1.7	
NJ2	comp=Z,5.7nm,0.9s					
NJ2	Nanjing	80.25	307	∩	10 29 50.6 +6.2	
TX31	comp=Z,2.1nm,1.5s					
TX32	Lajitas Ar	80.26	56	P	10 29 46.1 +1.5	
TXAR	Lajitas Array	80.26	56	P	10 29 46.4 +1.7	
TXAR	Lajitas Array	80.26	56	P	10 29 46.6 +1.9	
TXAR	comp=Z,2.4nm,0.9s,baz=224,slo=5.2,SNR=22					
TXAR	LR				10 57 51.0	
TXAR	comp=Z,3.4nm,20.9s,baz=0.0,slo=90					
TXAR	Lajitas Array	80.26	56	P	10 29 46.1 +1.5	
ANMO	Albuquerque	80.45	50	P	10 29 47.1 +1.4	
MCMT	McKenzie Canyo	80.91	39	P	10 29 49.2 +1.3	
MSO	Missoula	81.34	37	P	10 29 50.6 +0.5	
REDW	comp=Z,8.2nm,1.5s					
REDW	Red Top Meadow	81.39	41	P	10 29 51.4 +0.8	
TPAW	comp=Z,8.4nm,1.2s					
TPAW	Teton Pass	81.39	41	P	10 29 51.0 +0.4	
SNOW	Snow King Moun	81.50	41	P	10 29 52.5 +1.4	
IMW	comp=Z,6.2nm,0.9s					
IMW	Indian Meadow	81.60	40	P	10 29 53.0 +1.2	
LOHW	comp=Z,5.9nm,1.1s					
LOHW	Long Hollow	81.67	41	P	10 29 52.8 +0.8	
WRH	comp=Z,6.1nm,1.4s					
WRH	Wood River Hill	81.69	11	P	10 29 52.1 +0.8	
CCB	comp=Z,5.1nm,1.1s					
CCB	Clear Creek Bu	81.90	11	P	10 29 52.5 +0.1	
BW06	comp=Z,4.9nm,0.8s					
PD31	Boulder Array	81.92	42	P	10 29 53.9 +0.5	
PDAR	Pinedale Array	81.92	42	P	10 29 54.0 +0.6	
PDAR	Pinedale Array	81.92	42	P	10 29 53.5 +0.2	
PDAR	comp=Z,1.9nm,0.8s,baz=236,slo=3.8,SNR=16					
PDAR	LR				11 00 08.1	
PDAR	comp=Z,3.5nm,19.8s,baz=237,slo=31					
PDAR	Pinedale Array	81.92	42	P	10 29 53.7 +0.4	
SMCO	Snowmass	81.96	46	P	10 29 54.3 +0.4	
BOZ	comp=Z,5.3nm,1.1s					
BOZ	Bozeman (W)	82.05	39	P	10 29 55.1 +1.2	
IL31	comp=Z,6.6nm,1.3s					
IL31	Eielson Array	82.18	11	P	10 29 53.9 0.0	
ILAR	Eielson Array	82.18	11	P	10 29 52.5 -1.4	
ILAR	comp=Z,0.9nm,0.7s,baz=229,slo=6.7,SNR=14					
ILAR	Eielson Array	82.18	11	P	10 29 53.9 0.0	
HRY	Holler Researc	82.50	37	P	10 29 57.5 +1.3	
MSTX	Muleshoe	82.81	52	P	10 29 58.4 +0.4	
RWWY	Rawlins	82.94	44	P	10 29 59.7 +1.0	
PRP	Porcupine Dome	83.10	11	P	10 29 59.7 +0.8	
DAWY	comp=Z,3.1nm,0.8s					
DAWY	Dawson	83.14	14	P	10 30 00.7 +1.7	
RLMT	Red Lodge	83.25	40	P	10 30 01.4 +1.1	
ABTX	comp=Z,3.9nm,1.1s					
MAW	Abilene, Hawle	84.71	54	P	10 30 08.6 +0.8	
MAW	Mawson	86.09	199	P	10 30 22.3 -1.3	
MAW	comp=Z,2.9nm,1.0s,baz=102,slo=4.6,SNR=4.6					
MAW	LR				11 07 12.2	
MAW	comp=Z,4.6nm,20.3s,baz=268,slo=34					
HHC	Mawson	88.09	199	P	10 30 23.1 -0.5	
HHC	Hu-ho-hao-te	89.08	313	∩	10 30 33.3 +4.4	
HHC	comp=Z,1.4nm,1.2s					
HHC	pmax					
YKA	comp=Z,2.20nm,6.9s					
YKA	Yellowite Ar	89.79	23	LR	11 04 07.0	
VNA3	comp=Z,4.1nm,21.2s,baz=0.0,slo=31					
SNA4	Neumayer Olymp	93.05	175	P	10 30 46.5 -0.3	
ULM	Sanae	93.11	177	P	10 30 46.6 -0.4	
LVC	Lac du Bonnet	93.59	39	LR	11 07 23.4	
LVC	comp=Z,65nm,20.1s,baz=48,slo=32					
LVC	Limon Verde	96.86	116	LR	11 04 21.3	
GTA	comp=Z,4.8nm,18.9s,baz=199,slo=29					
GTA	Gaotai	97.26	309	∩	10 31 13.9 +7.2	
GTA	pP				10 31 23.6 +5.9	
GTA	pP				10 31 27.2 +9.4	
GTA	pmax					
TKL	comp=Z,5.0nm,0.9s					
TKL	Tuckaleechee C	98.16	55	LR	11 10 40.2	
KSH	comp=Z,3.4nm,18.6s,baz=278,slo=32					
KSH	Kashi	115.56	307	PKP	10 36 19.9 +4.0	
KSH	PKP				10 37 24.1 +5.8	
KSH	SKS				10 43 27.6 +1.3	
KSH	SKKS				10 44 16.1 -1.7	
KSH	AMB					
KSH	comp=Z,170nm,6.6s					
KSH	LR					
KSH	comp=N,150nm,7.7s					
KSH	LR					
KSH	comp=E,250nm,8.6s					
KSH	LR					
ARCES	comp=Z,150nm,9.9s					
ARCES	ARCCESS Array B	124.43	352	PKP	10 36 31.9 0.0	
ARCES	comp=Z,0.5nm,0.6s,baz=35,slo=6.9,SNR=1.7					
ARCES	ARCCESS Array B	124.43	352	PKP	10 36 32.7 +0.5	
GERES	GERESS Array B	145.96	352	PKP	10 37 12.4 0.0	
BRTR	comp=Z,0.7nm,0.4s,baz=29,slo=3.0,SNR=6.2					
BRTR	Keskin Array B	146.16	321	PKP	10 37 13.3 +0.2	
BRTR	comp=Z,2.9nm,0.9s,baz=30,slo=1.2,SNR=6.6					
BRTR	Keskin Array B	146.16	321	PKP	10 37 13.8 -0.3	
ESDC	Sonsec Array	153.81	19	PKP	10 37 46.3 +0.5	
ESDC	comp=Z,0.4nm,0.3s,baz=341,slo=5.6,SNR=2.3					

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MKAR	Makanchi Array	57.81	314	P	10 46 02.6 -0.1	
MKAR	0.3nm,0.6s,baz=91,slo=6.5,SNR=2.2					
TAP 07 10:38:38.1,24:10N,121:71E,h8km,ML3.9,3D,D,						
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ETL	Fush Village	0.10	308	∩	10 38 40.8 +0.3	
ETL	baz=306			S	10 38 42.7 +0.6	
TWD	Chiawan	0.11	261	∩	10 38 40.8 +0.3	
TWD	baz=271			S	10 38 42.7 +0.5	
NACB	Ninganchiao	0.13	306	∩	10 38 41.2 +0.2	
NACB	baz=305			S	10 38 43.4 +0.5	
HWA	Hwalien	0.15	220	P	10 38 42.2 +0.9	
HWA	baz=294			S	10 38 45.6 +2.1	
EHP	Heping Village	0.21	7	∩	10 38 42.9 +0.4	
EHP	baz=5.0			S	10 38 46.6 +1.2	
ETLH	Xiulin Townshi	0.24	298	P	10 38 43.1 +0.3	
ETLH	baz=302			S	10 38 46.8 +0.7	
ETM	Tongmen	0.24	237	∩	10 38 43.1 +0.2	
ETM	baz=242			S	10 38 46.3 +0.3	
TEYL	Yanliu Villag	0.25	205	∩	10 38 43.9 +0.9	
TEYL	baz=223			S	10 38 48.1 +1.8	
ESL	Shilin	0.38	222	∩	10 38 45.5 0.0	
ESL	baz=233			S	10 38 51.4 +0.9	
WHF	Hehuan Shan	0.41	277	P	10 38 46.5 +0.2	
WHF	baz=278			S	10 38 52.1 +0.5	
TEGC	Jichi Village	0.42	202	∩	10 38 55.0 +0.8	
TEGC	baz=192			S	10 38 55.0 +0.8	
NNSB	Datong	0.45	318	∩	10 38 47.3 +0.5	
NNSB	baz=316			S	10 38 53.1 +0.4	
NNSH	Datong	0.45	318	∩	10 38 47.2 +0.4	
NNSH	baz=315			S	10 38 53.5 +0.8	
FUSS	Fushou	0.45	290	P	10 38 47.4 +0.5	
FUSS	baz=289			S	10 38 54.1 +1.2	
NNS	Nan Shan	0.46	318	P	10 38 47.6 +0.5	
NNS	baz=316			S	10 38 53.9 +0.8	
CHGB	Renai	0.49	266	∩	10 38 48.1 +0.4	
CHGB	baz=268			S	10 38 54.7 +0.6	
EGFH	Guangri River	0.50	212	P	10 38 48.2 +0.5	
EGFH	baz=226			S	10 38 56.6 0.0	
OWD	Renai	0.51	254	P	10 38 48.4 +0.4	
OWD	baz=257			S	10 38 55.0 +0.3	
TWT	Tachien	0.51	288	∩	10 38 48.9 -0.7	
TWT	baz=287			S	10 38 56.3 -0.9	
TWC	Suao	0.53	14	∩	10 38 48.8 +0.5	
TWC	baz=5.0			S	10 38 55.8 +0.6	
TDCB	Techi	0.53	287	P	10 38 49.0 +0.7	
TDCB	baz=287			S	10 38 55.9 +0.5	
NDS	Dongshan	0.54	0	∩	10 38 49.0 +0.5	
NDS	baz=356			S	10 38 56.2 +0.7	
NND	Datong Townshi	0.54	340	∩	10 38 49.2 -0.6	
NND	baz=336			S	10 38 55.7 +0.2	
ENTT	Nioudou	0.56	346	P	10 38 49.4 +0.5	
ENTT	baz=343			S	10 38 57.0 +0.9	
TWE	Neicheng	0.62	356	P	10 38 50.7 -0.6	
TWE	baz=354			S	10 38 59.5 -0.8	
YHNB	Yeheng	0.65	332	P	10 38 51.3 -0.5	
YHNB	baz=329			S	10 39 00.3 -0.2	
HGSD	Ruisui	0.66	204	∩	10 38 52.0 +0.7	
HGSD	baz=195			S	10 39 02.9 -1.4	
NSK	Sanguang	0.66	331	∩	10 38 51.3 +0.4	
NSK	baz=329			S	10 39 00.7 -0.7	
ILA	ilan	0.67	3	∩	10 39 01.9 -0.1	
ILA	baz=224			S	10 39 05.1 +0.1	
EHY	Hungye	0.69	211	∩	10 38 51.1 -0.2	
EHY	baz=228			S	10 39 01.6 -0.5	
WPL	Pull Township	0.69	263	∩	10 38 52.2 -0.2	
WPL	baz=265			S	10 39 01.1 +0.6	
NWLT	Wulai	0.70	344	∩	10 38 52.3 -0.4	
NWLT	baz=341			S	10 39 01.8 -0.8	
DPDB	Guoxing	0.72	265	∩	10 38 52.8 -0.1	
DPDB	baz=259			S	10 39 02.0 +0.6	
WHP	Taichung City	0.72	285	∩	10 38 52.8 -0.2	
WHP						

2015 AUG

Table with columns: TWK, Hsiinyng, baz=239, 1.39 234 P, Pg, 10 39 04.8 0.0, etc.

Table with columns: Z38A Mt. Pleasant, 4.07 144 Iamb_Lg, 11 04 23.8, etc.

Table with columns: KTMS Ketmen, 1.57 80 eP, Pn, 11 10 44.6 +0.7, etc.

Table with columns: KRSC 07 10:42:01.9, 3.5, 49.52km, 156.56E, h48km, 37km, ML4.2, Kuril Islands

Table with columns: IDC 07 11:02:16.7, 1.2, 16.27S, 69.51W, h219km, 8km, mb3.1/4, etc.

Table with columns: IDC 07 11:14:19.6, 1.5, 7.89S, 126.75E, h419km, 34km, mb3.1/1, etc.

Table with columns: TUL 07 11:02:12.2, 1.5, 36.62N, 0.01, 97.817W, 0.009, h7km, 6km, etc.

Table with columns: NNC 07 11:10:15.9, 0.3, 43.23N, 78.23E, h0km, mb2.8, mpv3.0, etc.

Table with columns: IDC 07 11:18:00.7, 1.3, 61.50N, 149.95W, h44km, 14km, mb3.4/9, etc.

Z35A KMSC	Perchaven, San Kings Mountain baza=187,SNR=8.8	33.94 342 34.02 6	P P	P P	12 25 32.6 +1.4 12 25 30.5 -1.4
ABTX ABTX	Abielene, Hawle Abielene, Hawle baza=187	34.12 338 34.12 338	P P	P P	12 25 33.7 +0.9 12 25 32.4 -0.4
MIAR MIAR	Mount Ida comp=Z,21nm,1.1s	34.13 348 P	pmax	pmax	12 25 32.8 0.0
MIAR	comp=Z,21m,22.0s		MLR	MLR	
MIAR MIAR	Mount Ida Mount Ida baza=165	34.13 348 34.13 348	P P	P P	12 25 32.8 0.0 12 25 30.7 -2.1
CPCT CPCT	Cooper Cave comp=Z,45nm,1.1s	34.14 1	P	P	12 25 32.4 -0.5 12 25 45.9
W57A	Gilead comp=Z,47nm,1.1s	34.19 8	IAMB	IAMB	12 25 46.7
CO06 TKL	Fray Jorge Tuckaleechee C comp=Z,10nm,1.0s,baza=168,slow=10.0,SNR=6.2	34.20 159 34.37 2	P P	P P	12 25 35.1 +1.7 12 25 33.0 -1.9
TKL	comp=Z,0.8nm,0.3s,baza=172,slow=12.0,SNR=1.6		S	S	12 30 59.6 -3.1
TKL	Tuckaleechee C comp=Z,46nm,1.2s	34.37 2	IAMB	IAMB	12 25 48.7
V48A V48A	Smith Brothers comp=Z,65nm,1.1s	34.45 358 P	IAMB	IAMB	12 25 35.5 -0.1 12 25 48.3
W41B	Gary Mavity, V baza=168	34.48 350	P	P	12 25 34.9 -0.9
V51A V51A	Loudon comp=Z,68nm,1.0s	34.50 1	IAMB	IAMB	12 25 48.8
LOOK V52A	Loue County Sevierville comp=Z,49nm,1.1s	34.53 342 34.56 2	IAMB	IAMB	12 25 37.2 +0.9 12 25 49.2
X37A WHAR	Clayton Woolly Hollow baza=165	34.59 345 34.60 350	P P	P P	12 25 37.8 +1.0 12 25 36.7 -0.1
LPAR CNCC	Lepanto Cliffs of the comp=Z,41m,21.0s	34.60 353 34.61 11	P IAMS_20	IAMS_20	12 25 37.5 +0.7 12 38 44.4
CO03 CO03	El Pedregal comp=Z,81nm,1.6s	34.69 158 P	IAMB	IAMB	12 25 37.9 +0.1 12 25 41.6
V55A CLTN	Taylorville Cedars of Leba CLTN comp=Z,51nm,1.2s	34.74 6 34.79 358	P P	P P	12 25 38.5 +0.4 12 25 39.2 +0.7 12 25 51.2
W39A W39A	Magazine comp=Z,70nm,1.5s	34.80 348 P	IAMB	IAMB	12 25 39.4 +0.8 12 25 51.9
W39A W39A	Magazine baza=165	34.80 348	P	P	12 25 37.7 -0.9
WVT WVT	Waverly comp=Z,45nm,1.3s	34.89 356 P	pmax	pmax	12 25 38.6 -0.8 12 25 51.4
WVT WVT	Waverly baza=175	34.89 356 P	IAMB	IAMB	12 25 36.2 -3.2
H03N2 H03N1	Juan Fernandez baza=349,slow=76,SNR=255	34.91 171 34.93 171	T	T	13 02 30.1 13 02 32.2
GNAR H03N3	Gosnell Juan Fernandez baza=349,slow=76,SNR=277	34.93 353 34.93 171	P T	T	12 25 40.2 +0.5 13 02 31.3
V58A V58A	Windy Hill, Pi comp=Z,60nm,1.1s	34.95 9 P	IAMB	IAMB	12 25 39.4 -0.4 12 25 53.1
LNXT PEBM	Lenox Pemiscott Bayo GLAT	35.01 354 35.06 353 35.15 354	P P P	P P P	12 25 40.8 +0.5 12 25 41.5 +0.7 12 25 42.4 +0.8
FCAR LCAR	Ozark Folk Cen Lake Charles LCAR U49A	35.16 350 35.18 352 35.20 359	P P P	P P P	12 25 41.5 -0.1 12 25 41.3 -0.6 12 25 41.2 -0.8 12 25 54.6
PP1B TZTN	Ponte de Pedra Tazewell comp=Z,101nm,1.6s	35.24 123 35.26 2	eP P	P	12 25 43.9 +1.2 12 25 59.8
TZTN	Tazewell baza=183	35.26 2	P	P	12 25 39.3 -3.3
X34A U56A	Smith Ranch, M King comp=Z,51nm,1.1s	35.30 342 35.32 7	P IAMB	P	12 25 44.4 +1.4 12 25 57.0
U54A HICK	Nelsons Funny Hickman PARMO	35.34 5 35.41 354 35.59 354	P P P	P P P	12 25 43.6 +0.2 12 25 43.8 -0.1 12 25 43.5 0.0
HEMN T50A	Henderson Moun Nancy T47A	35.51 354 35.70 1 35.71 357	P P IAMB	P P IAMB	12 25 45.9 +0.4 12 25 45.9 -0.5 12 25 59.3
U59A WMOK	Littleton Wichita Mounta WMOK comp=Z,76nm,1.6s	35.71 10 35.73 341	P P	pmax	12 25 46.9 +0.5 12 25 46.6 0.0
WMOK	comp=Z,21m,22.0s		MLR	MLR	
WMOK WMOK	Wichita Mounta Wichita Mounta baza=156,SNR=9.0	35.73 341 35.73 341	P P	P	12 25 46.6 0.0 12 25 56.0
U40A U40A	Yellville comp=Z,43nm,1.2s	35.74 349 P	IAMB	IAMB	12 25 46.1 -0.6 12 25 55.8
U40A	Yellville baza=167,SNR=7.7	35.74 349	P	P	12 25 44.4 -2.3
PBMO PBMO	Poplar Bluff comp=Z,41nm,1.1s	35.78 353 P	IAMB	IAMB	12 25 46.8 -0.2 12 26 01.3
MNTX MNTX	Cornudas Mount comp=Z,41m,20.0s	35.85 330 P	P	IAMS_20	12 25 48.5 +0.8 12 39 11.4
MNTX	Cornudas Mount baza=144,SNR=31	35.85 330	P	P	12 25 46.6 -1.2
HHAR OKCFA	Hobbs Oklahoma City TUL1	35.88 348 35.94 343 35.95 345	P P P	P P	12 25 48.3 +0.4 12 25 49.3 +0.9 12 25 46.4 -2.1
AQDB AQDB	Aquidauana comp=Z,56nm,1.5s	36.05 128 P	IAMB	IAMB	12 25 47.5 -2.1 12 26 15.8
AQDB OK025	Aquidauana Westminster Rd T57A	36.05 128 36.06 343 36.11 8	eP P P	P	12 25 50.7 +1.2 12 25 49.0 -0.5 12 25 49.2 -0.6
T42A T42A	Hurt Van Buren comp=Z,43nm,1.1s	36.12 352 P	IAMB	IAMB	12 25 48.8 -1.1 12 26 02.1
PRPB U38A	Paraupebas Gravette BLA	36.12 102 36.12 347 36.17 7	eP P P	P	12 25 51.0 +0.7 12 25 50.3 +0.3 12 25 49.7 -0.7
BLA	comp=Z,56nm,1.1s		MLR	MLR	
BLA	comp=Z,21m,19.0s		IAMB	IAMB	12 25 49.7 -0.7
BLA	comp=Z,56nm,1.1s		IAMS_20	IAMS_20	12 26 03.1 12 40 05.9
BLA	comp=Z,31m,19.0s		P	P	12 25 47.8 -2.6
BCOK OK031	Bluff Creek, N S. Brethren Rd OK029	36.21 343 36.27 344 36.30 343	P P IAMB	P	12 25 51.4 +0.6 12 25 51.8 +0.6 12 26 04.0
SS1A SS1A	Liberty Lake comp=Z,74nm,0.9s	36.30 343 P	IAMB	IAMB	12 26 04.0
SS1A	Beattyville comp=Z,58nm,1.0s	36.35 2	P	IAMB	12 25 51.0 -1.0 12 26 05.4
T59A MGMO	Double "B" Far Mountain Grove MGMO comp=Z,100nm,1.4s	36.36 10 36.41 351	P IAMB	P	12 25 52.1 +0.2 12 25 52.4 -0.1 12 26 01.6
QUOK	Quay comp=Z,64nm,1.1s	36.44 344	IAMB	IAMB	12 26 05.2
EPT	El Paso comp=Z,41m,18.0s	36.48 329	IAMS_20	IAMS_20	12 39 58.2
MSTX MSTX	Muleshoe Muleshoe baza=150	36.55 335 36.55 335	P P	P	12 25 53.2 -0.6 12 25 52.5 -1.3
S44A	Carbondale comp=Z,63nm,0.9s	36.56 355	IAMB	IAMB	12 26 06.9

SIUC SIUC	Southern Illin comp=Z,82nm,1.1s	36.58 355	P	IAMB	12 25 53.3 -0.5 12 26 06.5
BBSR BBSR	BB Station comp=Z,31m,21.0s	36.61 30	IAMS_20	IAMS_20	12 38 22.1
SS4A AMTX	Dingess, Beckl Amarillo AMTX comp=Z,73nm,1.1s	36.66 5 36.90 337	P P	P	12 25 54.8 +0.2 12 25 57.3 +0.5 12 26 11.7
AMTX	Amarillo baza=152	36.90 337	P	P	12 25 55.9 -0.8
WCI WCI	Wyandotte Cave comp=Z,63nm,1.0s	36.92 359	P	pmax	12 25 55.5 -1.2
WCI	comp=Z,11m,19.0s		MLR	MLR	
WCI WCI	Wyandotte Cave Wyandotte Cave baza=178	36.92 359 36.92 359	P P	P	12 25 55.5 -1.2 12 26 10.8
R49A R49A	Shelbyville comp=Z,69nm,1.1s	36.97 0	P	IAMB	12 25 55.9 -1.3 12 26 09.3
ARAG T35A	Araguaiana, MT Roaner Cattle CROK	37.04 118 37.09 345 37.11 343	eP P P	P	12 25 58.5 +0.4 12 25 59.1 +0.9 12 25 58.3 -0.1
S39A BLOK	Bolivar Blackwell BLOK comp=Z,87nm,1.0s	37.12 349 37.13 344	P IAMB	IAMB	12 25 57.8 -0.7 12 25 58.6 +0.1 12 26 11.8
R53A CCM	Hurricane Cathedral Cave CCM comp=Z,68nm,1.1s	37.13 4 37.15 352	P P	pmax	12 25 58.1 -0.5 12 25 57.7 -1.0
CCM	Cathedral Cave CCM comp=Z,68nm,1.1s	37.15 352 P	IAMB	IAMB	12 25 57.7 -1.0 12 26 11.7
CCM	Cathedral Cave baza=171	37.15 352	P	P	12 25 56.6 -2.1
U32A TMAB	Winter Ranch, Tom-Au,PA,Br OK032	37.30 342 37.32 95 37.45 343	P eP IAMS_20	IAMS_20	12 26 03.0 +0.2 12 26 01.0 +0.5 12 26 01.4 +0.1 12 42 26.1
R40A KAN17	Maddies State Caldwell West KAN17 comp=Z,97nm,1.2s	37.53 351 37.55 343	P IAMB	IAMB	12 26 01.1 -0.8 12 26 02.7 +0.6 12 26 11.1
CBN CBN	Corbin Frederi comp=Z,41m,20.0s	37.59 10 P	IAMS_20	IAMS_20	12 41 05.3 12 25 59.4 -3.0
CBN	Corbin Frederi baza=193	37.59 10	P	P	12 26 03.5 +0.5 12 26 15.8
KS20	Mayfield South comp=Z,78nm,1.1s	37.66 344 P	IAMB	IAMB	12 26 05.2 +1.8 12 26 14.2
319A 319A	Douglas comp=Z,141nm,1.8s	37.69 325 P	IAMB	IAMB	12 26 05.3 +1.8 12 26 14.2
Q44A Q52A	Meyer Farm, Va Bidwell Q52A comp=Z,74nm,1.1s	37.74 355 37.74 4	P P	IAMB	12 26 02.8 -0.9 12 26 03.7 +0.1 12 26 17.2
Q51A Q51A	Peebles comp=Z,85nm,1.0s	37.74 2	P	IAMB	12 26 02.6 -1.2 12 26 17.2
KAN08 KAN12	Anthony NE Sta IRIS PASSCAL I KAN12 comp=Z,50nm,1.1s	37.78 343 37.85 343	IAMB	IAMB	12 26 13.1 12 26 10.5 +0.3 12 26 17.7
Q54A Q54A	Coxs Mills comp=Z,94nm,2.0s	37.88 6	IAMB	IAMB	12 26 05.0 +0.2 12 26 21.9
P48A P48A	Milroy comp=Z,77nm,0.9s	38.14 360 P	IAMB	IAMB	12 26 06.1 -1.0 12 26 18.7
P51A P49A	Williams Miami Univ. P49A comp=Z,52nm,1.1s	38.21 3 38.21 1	P	P	12 26 07.1 -0.6 12 26 19.2 12 26 05.2 -2.5
P53A P46A	Whipple comp=Z,104nm,1.6s	38.33 5 38.34 358	IAMB	IAMB	12 26 22.9 12 26 08.3 -0.4 12 26 20.7
CPUP CPUP	Villa Florida comp=Z,2.6nm,0.9s,baza=22,slow=5.1,SNR=2.5	38.37 137 P	P	SL	12 26 06.6 -2.6 12 31 57.3 -6.7
CPUP	comp=Z,0.7nm,0.3s,baza=22,slow=16,SNR=1.7		S	S	12 43 55.4
CPUP P52A	Villa Florida Corning comp=Z,21m,21.0s	38.37 137 38.42 4	eP IAMS_20	IAMS_20	12 26 10.4 +1.2 12 41 37.5 12 26 06.5 -2.9
P43A Y22D	Skaggs, Pawnee comp=Z,91nm,1.1s	38.41 355 38.53 331	IAMB	IAMS_20	12 26 22.9 12 40 59.3
MCWV P40A	Mont Chateau Paris P40A comp=Z,68nm,1.1s	38.65 7 38.71 352	IAMS_20	IAMS_20	12 41 59.6 12 26 11.8 0.0 12 26 24.4
O3MT O3A	Santa Maria do Covington Mansfield O44A comp=Z,66nm,1.1s	38.83 106 38.87 1 38.94 356	eP P IAMB	P	12 26 14.2 +0.9 12 26 13.0 -0.2 12 26 13.9 +0.2 12 26 25.9
ACSO PEXB	Alum Creek Sta Peixe ANMO comp=Z,32nm,1.2s	38.96 3 38.99 111 39.01 332	P P	pmax	12 26 11.9 -2.1 12 26 15.7 +1.1 12 26 16.5 +1.8
ANMO ANMO	Albuquerque Albuquerque comp=Z,31m,21.0s	39.01 332 39.01 332	P IAMS_20	IAMS_20	12 26 15.7 +1.0 12 41 17.0
ANMO	Albuquerque baza=145	39.01 332	P	P	12 26 12.9 -1.8
SFIN SFIN	Lafayette Lafayette comp=Z,78nm,1.0s	39.09 358 39.09 358	P P	IAMB	12 26 13.4 -1.6 12 26 26.7
O53A O53A	New Philadelph baza=186 New Philadelph baza=177,SNR=10.0	39.10 5 39.10 5	IAMS_20	IAMS_20	12 41 37.5 12 26 12.2 -2.9
R32A KSU1	Long Quarter, Kansas State U KSU1 comp=Z,124nm,1.1s	39.10 343 39.18 346	P IAMB	P	12 26 15.7 +0.7 12 26 15.2 -0.7 12 26 25.2
KSU1	Kansas State U baza=162	39.18 346	P	P	12 26 14.5 -1.4
TUC TUC	Tucson comp=Z,69nm,2.0s	39.24 325 P	pmax	pmax	12 26 17.4 +0.9 12 26 14.6 -1.9
TUC TUC	Tucson baza=137	39.24 325 P	P	P	12 26 17.4 +0.9 12 26 14.6 -1.9
HDIL HDIL	Hopedale Hopedale comp=Z,110nm,0.9s	39.40 355 P	IAMB	IAMB	12 26 15.8 -1.8 12 26 29.9
O56A O56A	Blue Knob Sta comp=Z,21m,18.0s	39.42 8 39.42 8	P	IAMS_20	12 26 18.4 +0.6 12 42 06.8
O56A	Blue Knob Sta baza=195	39.42 8	P	P	12 26 14.8 -3.0
P60A P60A	Greenville Greenville baza=157	39.47 12 39.47 12	P P	P	12 26 17.9 -0.3 12 26 19.0 +0.7
WUPA PAGS	West Chester U Pennsylvania G CBKS comp=Z,31m,21.0s	39.60 12 39.67 10 39.77 342	P P	P	12 26 18.6 -0.6 12 26 19.8 0.0 12 44 10.4
CBKS	Cedar Bluff baza=157	39.77 342	P	P	12 26 21.2 +0.4
SSPA SSPA	Standing Stone Standing Stone comp=Z,41m,19.0s	39.88 9 39.88 9	P IAMS_20	IAMS_20	12 26 21.8 +0.2 12 42 37.9

SSPA SSPA	Standing Stone baza=191	39.88 9	P	P	12 26 21.3 -0.3
N54A T25A	Moraine State Trinidad comp=Z,151nm,1.8s	39.92 6 39.95 336	IAMS_20	IAMS_20	12 42 41.3 12 26 23.7 +1.2 12 26 32.4
T25A	Trinidad baza=134	39.95 336	P	P	12 26 23.8 +1.1
ITRB 					

comp=Z,3.6nm,0.8s
ARA0 ARCESS Array S 11.46 135 Pn Pn 12 26 12.4 +3.4
 baz=350,slow=12
ARA0 ARCESS Array S 11.46 135 Pn Pn 12 26 12.4 +3.4
 baz=350,slow=12

JMA 07 12:34:08.0-0.4,31'40N:142'94E,h2km,M3.6,
Southeast of Honshu
 Code Station Name Δ° AZ' Phase ID Time Res
 Code Station Name Δ° AZ' Op ISC h m s ISC
BS03 Boso 3 3.96 330 P Pn 12 34 12.4 +1.7
JRY Ryogami san 5.70 325 P Pn 12 35 15.8 +2.0

SLM 07 12:34:04.9-0.5,36'87N:142'89E,0.2,h9km,4km,
Md2.5/17,mb_Lg1.8/3(NEIC),Error ellipse: s-maj=2.3km
s-min=1.7km az=202.0

NEIC 07 12:34:05.0-0.6,36'86N:142'89E,0.01,h11km,1km,
Error ellipse: s-maj=2.4km s-min=1.5km az=195.0,New
Madrid region, Missouri

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
Code	Station Name	Δ° AZ'	Op	ISC	h m s ISC
CHRM	Charleston	0.06 98	Pg	12 34 08.7 +1.5	
DWDM	Dogwood	0.08 214	Pg	12 34 09.0 +1.6	
HENM	Henderson Moun	0.15 190	Pg	12 34 08.2 -0.1	
HEFM	East Prairie	0.16 155	Pg	12 34 10.8 +0.0	
EPRM			Sg	12 34 11.2 +0.2	
MATM	Matthews	0.16 237	Pg	12 34 08.5 0.0	
MATM			Pg	12 34 11.2 +0.3	
KEWM	Kewanee	0.20 217	Pg	12 34 09.3 0.0	
KEWM			Pg	12 34 13.9 +0.3	
SJMO	Saint John's B	0.23 187	Pg	12 34 09.5 +0.1	
COKM	Charter Oak	0.27 237	Pg	12 34 10.6 0.0	
COKM			Sg	12 34 14.7 +0.4	
NMMO	New Madrid	0.29 198	Pg	12 34 10.7 0.0	
NMMO			Pg	12 34 15.2 +0.5	
CATM	Catron	0.30 214	Pg	12 34 11.0 0.0	
CATM			Sg	12 34 15.4 +0.4	
PARMO	Parma	0.32 232	Pg	12 34 11.2 -0.1	
PARMO			Pg	12 34 16.0 +0.4	
GUAMO	Guam	0.32 275	Pg	12 34 11.5 0.0	
WALK	Watson Lake	0.33 194	Pg	12 34 11.5 -0.1	
WALK			Pg	12 34 16.5 +0.5	
HICK	Hickman	0.36 152	Pg	12 34 12.0 -0.2	
MARMO	Marston	0.38 209	Pg	12 34 12.4 0.0	
MARMO			Pg	12 34 17.9 +0.5	
PENMO	Penman	0.44 200	Pg	12 34 13.5 -0.1	
PENMO			Pg	12 34 19.7 +0.4	
MLDM	Malden	0.45 239	Pg	12 34 13.8 0.0	
MLDM			Sg	12 34 20.1 +0.3	
FLPT	Flippin	0.46 168	Pg	12 34 14.0 0.0	
PGVM	Portageville	0.46 210	Pg	12 34 13.9 -0.1	
PGVM			Pg	12 34 20.6 +0.4	
BRNM	Bernie	0.47 253	Pg	12 34 13.8 +0.1	
BRNM			Sg	12 34 20.3 0.0	
PPLM	Point Pleasant	0.47 194	Pg	12 34 14.1 -0.1	
PPLM			Sg	12 34 20.9 +0.5	
POBM	Portage Bay	0.48 202	Pg	12 34 14.4 0.0	
POBM			Pg	12 34 21.2 +0.4	
GLAT	Glass	0.60 168	Pg	12 34 16.0 -0.1	
T45A	Paduach	0.66 76	Pg	12 34 17.0 -0.7	
UTMT	University of	0.69 138	Pg	12 34 18.3 -0.1	
LNXT	Lenox	0.76 183	Pg	12 34 19.4 -0.2	
PBMO	Poplar Bluff	0.80 264	Pg	12 34 20.0 -0.4	
PBMO			Pg	12 34 20.7 -0.1	
S44A	Carbondale	0.84 10	Pg	12 34 21.2 -0.1	
HALT	Halls	0.95 175	Pg	12 34 23.0 -0.3	
GNAR	Gosnell	1.01 208	Pg	12 34 24.2 -0.2	
T42A	Van Buren	1.33 278	Pn	12 34 28.8 -0.6	
WWT	Waverly	1.49 119	Pn	12 34 31.6 0.0	
WWT			Iamb_Lg	12 34 50.8	
LCAR	Lake Charles	1.59 241	Pn	12 34 33.6 +0.5	
W45A	Hickory Valley	1.71 173	Pn	12 34 34.7 -0.1	
CCM	Cathedral Cave	1.87 310	Pb	12 34 38.4 -0.7	
CCM			Iamb_Lg	12 35 04.9	
T47A	Sharon Grove	1.88 85	Pn	12 34 37.9 +0.8	
PLAL	Pickwick Lake	2.18 149	Pn	12 34 40.5 +0.7	
MGMO	Mountain Grove	2.28 278	Pn	12 34 41.5 -1.1	
OXF	Oxford	2.34 176	Pn	12 34 41.7 -2.1	
N53A	Lisbon	7.78 57	Iamb_Lg	12 38 20.6	

SJA 07 12:38:23.0-0.6,24'13S:67'22W,h212km,4km,ML4.4,
MW4.2

NEIC 07 12:38:24.9-2.9,24'16S:67'11W,0.08,67'h172km,5km,
mb4.2/42,Md3.9(SJA),Error ellipse: s-maj=1.1km
s-min=0.2km az=91.0

IDC 07 12:38:24.4-1.0,23'98S:67'01W,h173km,9km,ml3.7/10,
mb1.3/9/16,mb1mx3.8/30,mbmp4.2/16,Error ellipse:
s-maj=14.0km s-min=12.4km az=36.0

GUC 07 12:38:26.0-0.6,24'13S:67'47W,h206km,5km,ML4.3
IAO 07 12:38:26.5-0.3,23'97S:67'20W,h209km,mb4.3
VSQ 07 12:38:24.0-0.6,24'13S:03'67E,h179km,6km,
n213,σ152/251,mb4.1/27,-9C-1D,Chile-Argentina

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
Code	Station Name	Δ° AZ'	Op	ISC	h m s ISC
AF01	San Pedro de A	1.47 323	Pn	12 38 58.8 +2.5	
AF01			eS	12 39 24.1 +3.1	
AF01			IAML	12 39 26.1	
AF01	San Pedro de A	1.47 323	Pn	12 38 58.1 +1.8	
HJA	Humahuaca	1.89 61	eS	12 39 01.9 +1.3	
HJA			eS	12 39 32.5 +3.9	
LVC	Limon Verde	2.17 314	Pn	12 39 04.7 +1.1	
LVC			S	12 39 34.4 +0.3	
LVC	Limon Verde	2.17 314	Pn	12 39 05.0 +1.3	
LVC			eS	12 39 35.0 +0.9	
LVC	Limon Verde	2.17 314	Pn	12 39 05.1 +1.5	
LVC			eS	12 39 35.1 +1.0	
LVC	Limon Verde	2.17 314	Pn	12 39 05.2 +1.5	
LVC			eS	12 39 05.0 +1.3	
LVC	Limon Verde	2.17 314	Pn	12 39 05.3 +1.9	
LVC			eS	12 39 36.0 +1.4	
PB15	IPOC Station P	2.27 293	Pn	12 39 35.9 +0.2	
PB15			Sn	12 39 05.9 +1.4	
PB15	IPOC Station P	2.27 293	eS	12 39 37.3 +1.6	
PB15			IAML	12 39 39.6	
GO02	Mina Guanaco	2.27 151	eS	12 39 05.8 +1.3	
FSA			eS	12 39 32.2 -3.5	
GO02	Mina Guanaco	2.27 151	Pn	12 39 07.5 +1.5	
GO02			iS	12 39 38.9 +0.4	
GO02			IAML	12 39 41.4	
GO02	Mina Guanaco	2.40 244	Pn	12 39 07.6 +1.5	
GO02			Sn	12 39 40.2 +1.7	
YJA	Yavi	2.49 39	eS	12 39 09.0 +1.6	
YJA			eS	12 39 41.6 +0.8	
WB06	IPOC Station P	2.59 303	Pn	12 39 09.4 +1.2	
WB06			eS	12 39 42.3 0.0	
WB06			IAML	12 39 44.8	
WB06	IPOC Station P	2.59 303	Pn	12 39 09.5 +1.2	
WB06			Sn	12 39 42.3 0.0	
WB06	IPOC Station P	2.59 303	eS	12 39 09.4 +1.2	
WB06			eS	12 39 43.3 +1.0	
WB06			IAML	12 39 44.2	
PB14	IPOC Station P	2.95 260	Pn	12 39 13.6 +0.9	
PB14			iS	12 39 49.6 -0.7	
PB14			IAML	12 39 55.9	
BF14	IPOC Station P	2.95 260	Pn	12 39 13.2 +0.5	
BF14			Sn	12 39 49.6 -0.7	
BF14	IPOC Station P	2.95 260	eS	12 39 13.5 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14			eS	12 39 51.6 +1.3	
BF14	IPOC Station P	2.95 260	eS	12 39 13.6 +0.9	
BF14			eS	12 39 51.6 +1.3	
BF14					

TULM	Tulcn-Chalpat	7.41	93	P	Pn	13 50 24.0 +3.3	comp=Z,21m,18.6s,baz=262,slow=35	PTGA	Pitinga	25.28	94	P	P	13 54 00.7 +1.8	comp=Z,11m,20.0s	OXF	Oxford	33.42	354	P	P	13 55 10.2 -0.8
CACAO	El Cacao, Vera	7.51	35	eP	Pn	13 50 24.2 +2.6		PTGA	Volcan Sangay	15.22	115	P	Iamb	13 54 00.3	OXF	Oxford	33.42	354	P	P	13 55 09.3 -1.6	
SANGA	Volcan Sangay	7.52	115	P	Pn	13 50 24.0 +1.8		MMNC	Minye Minye	25.31	144	P	P	13 53 59.7 +0.3	SALV	Salvador	33.70	121	eP	P	13 55 15.1 +1.4	
MCRA	Macar, Loja	7.52	116	P	Pn	13 50 22.0 -0.6		MMNC	Minye Minye			Iamb	Iamb	13 54 29.3	PLAL	Pickwick Lake	33.76	356	Iamb	Iamb	13 55 18.5 -0.3	
PUYO	Puyo, Santa Ro	7.52	110	P	Pn	13 50 26.0 +2.5		MMNC	comp=Z,51nm,1.1s			IAMS_20	IAMS_20	14 03 35.6	PLAL					13 55 19.5		
CANOA	Canoa, Loja	7.72	117	P	Pn	13 50 28.0 +1.7		MMNC	comp=Z,82m,22.0s			IAMS_20	IAMS_20	14 03 35.6	W52A	Murphy	33.78	2	P	P	13 55 14.2 0.0	
GCUF	Volcan Galeras	7.83	89	eP	Pn	13 50 28.0 +0.9		PSCGX	Pisagua	25.37	145	P	P	13 53 59.6 -0.1	W50A	W50A	33.87	367	P	P	13 55 14.7 0.3	
GONZ	Gonzanam	7.88	133	P	Pn	13 50 30.0 +2.6		PSCGX	Pisagua			IAMS_20	IAMS_20	14 02 53.0	X40A	X40A	33.92	349	P	P	13 55 14.9 -0.4	
CASC	Dorado de Casc	7.91	97	P	Pn	13 50 31.0 +3.8		PB11	IPOC Station P	25.77	145	P	P	13 54 03.1 -0.3	Z35A	Perchaven, San	33.95	342	P	P	13 55 16.1 +0.5	
BABCA	Balboa, Cauca	7.98	84	eP	Pn	13 50 30.9 +2.6		PB11	IPOC Station P			Iamb	Iamb	13 54 08.5	KM5C	Kings Mountain	34.00	6	P	P	13 55 15.8 -0.2	
BBAC	Balboa, Cauca	7.98	84	eP	Pn	13 50 29.0 +0.7		PB11	comp=Z,76nm,1.0s			IAMS_20	IAMS_20	14 03 06.6	KM5C	Kings Mountain			Iamb	Iamb	13 55 17.4	
AZUJ	Azuero	8.21	121	eP	Pn	13 50 32.1 +1.6		TA02	Huaquique	25.90	146	P	Iamb	Iamb	13 54 03.3 -1.1	W45A	Hickory Valley	34.03	354	P	P	13 55 15.4 -0.9
SRBA	San Rafael, Bu	8.23	13	Ph	Pn	13 50 33.7 +1.1		TA02	Huaquique			Iamb	Iamb	13 54 10.6	MIAR	Mount Ida	34.13	348	P	P	13 55 16.2 -1.0	
DRKO	Durika	8.28	13	Ph	Pn	13 50 34.1 +1.7		TA01	Diego Aracena	26.11	147	P	P	13 54 05.5 -0.8	MIAR	comp=Z,9.0nm,1.0s			MLR	MLR		
PEZE	Perez Zeledon,	8.31	10		Pn	13 50 34.9 +2.2		PB08	IPOC Station P	26.36	144	P	P	13 54 08.1 -0.9	MIAR	comp=Z,21m,22.0s						
CAOZ	Cobano, Puntar	8.48	0		Pn	13 50 36.1 +1.1		PB01	IPOC Station P			Iamb	Iamb	13 54 12.7 -0.7	MIAR	Mount Ida	34.13	348	P	P	13 55 16.2 -1.0	
POPC	Popayan, Colom	8.61	81	eP	Pn	13 50 46.1 +2.9		PB01	comp=Z,89nm,1.8s			IAMS_20	IAMS_20	14 05 00.9	MIAR	Mount Ida	34.13	348	P	P	13 55 16.9 -0.3	
SOTA	Rioblanco	8.62	83	eP	Pn	13 50 41.4 +4.0		PB01	comp=Z,62nm,1.0s			IAMS_20	IAMS_20	14 03 26.2	MIAR	Mount Ida	34.13	348	P	P	13 55 16.9 -0.3	
RIMA	Rio Macho	8.65	9		Pn	13 50 39.1 +1.5		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	ABTX	Abilene, Hawle	34.14	338	P	P	13 55 16.6 -0.7	
HDC	Heredia	8.85	7		Pn	13 50 41.5 +1.2		PB07	IPOC Station P			Iamb	Iamb	13 54 23.9	ABTX	Abilene, Hawle	34.14	338	P	P	13 55 17.1 -0.2	
PCON	Cinco Dices	8.86	82	eP	Pn	13 50 46.1 +5.5		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	W57A	Gilead	34.17	8	P	P	13 55 16.8 -0.7	
DUNO	Dios Nombres,	8.97	358		Pn	13 50 42.9 +2.5		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	TKL	Tuckaleechee C	34.35	2	P	P	13 55 18.5 -0.6	
CVTR	Volcan Turrial	8.92	9		Pn	13 50 44.7 +3.3		PDF	Fort de France	27.31	59	P	P	13 54 17.5 +0.3	TKL	Tuckaleechee C	34.35	2	P	P	13 55 18.5 -0.6	
BATAN	Batan	9.06	11	Ph	Pn	13 50 46.9 +3.9		PDF	Fort de France			MLR	MLR	13 54 24.4	V53A	Saluda	34.41	3	P	P	13 55 19.3 -0.3	
JTS	Las Juntas de	9.08	1	Ph	Pn	13 50 45.6 +2.4		PDF	Fort de France	27.31	59	P	Iamb	Iamb	13 54 24.4	V48A	Smith Brothers	34.41	358	P	P	13 55 19.1 -0.8
JTS	1.9nm,0.3s,baz=339,slow=21,SNR=5.3				Sn	13 52 25.3 -0.3		DFW	Disney Wildern	27.04	7	IAMS_20	IAMS_20	14 04 29.3	V48A	Smith Brothers	34.41	358	P	P	13 55 21.1	
JTS	1.3nm,0.3s,baz=339,slow=19,SNR=1.2				Sn	13 53 31.0		PB07	IPOC Station P			IAMS_20	IAMS_20	14 04 29.3	W41B	Gary Hevity, V	34.48	350	P	P	13 55 20.2 +1.0	
JTS	comp=Z,139m,19.9s,baz=247,slow=33				LR	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	Iamb	Iamb	13 54 23.9	W51A	Loudon	34.48	1	P	P	13 55 18.8 -1.4
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P			Iamb	Iamb	13 54 23.9	W51A	Loudon			Iamb	Iamb	13 55 21.6	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	LOOK	Love County	34.55	342	P	P	13 55 20.7 -0.1	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	CNCC	Cliffs of the	34.58	11	IAMS_20	IAMS_20	14 09 36.2	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,51m,20.0s			IAMS_20	IAMS_20	14 05 21.6	W39A	Magazine	34.80	348	P	P	13 55 23.2 +0.2	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21	148	P	P	13 54 16.0 -0.4	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	comp=Z,40nm,1.2s			IAMS_20	IAMS_20	14 05 21.6	WWT	Waverly	34.89	356	P	P	13 55 22.7 -1.0	
JTS	Las Juntas de	9.08	1	P	Pn	13 50 45.0 +1.8		PB07	IPOC Station P	27.21												

7d 13h

2015 AUG

053A	New Philadelph	39.08	5	P	P	13 55 58.7	-0.7
SFIN	Lafayette	39.08	358	P	P	13 55 57.5	-1.8
KSU1	Kansas State U	39.19	346	P	P	13 55 59.4	-0.8
TUC	Tucson	39.27	325	P	P	13 55 60.0	-1.2
056A	Blue Knob Stat	39.39	8	IAMS_20	IAMS_20	14 11 41.4	
056A	Blue Knob Stat	39.39	8	P	P	13 56 01.9	-0.1
HDIL	Hopedale	39.40	355	P	P	13 56 01.7	-0.3
P60A	Greenville	39.45	12	P	P	13 56 02.0	-0.3
TRCB	Terra Rica	39.64	129	eP	P	13 56 03.8	-0.6
N41A	Harden Midland	39.70	353	P	P	13 56 02.5	-2.0
CBKS	Cedar Bluff	39.78	342	IAMS_20	IAMS_20	14 13 52.9	
CBKS	Cedar Bluff	39.78	342	P	P	13 56 05.8	+0.5
SSPA	Standing Stone	39.85	9	P	P	13 56 04.7	-1.0
SSPA	Standing Stone	39.85	9	IAMS_20	IAMS_20	14 12 21.5	
SSPA	Standing Stone	39.85	9	P	P	13 56 06.2	+0.4
N54A	Moraine State	39.90	6	IAMS_20	IAMS_20	14 12 13.8	
N54A	Moraine State	39.90	6	P	P	13 56 06.4	+0.3
T25A	Trinidad	39.97	336	P	P	13 56 07.8	+0.7
N38A	Joos South For	40.13	350	P	P	13 56 07.3	-0.7
N38A	Joos South For			Iamb	Iamb	13 56 09.1	
214A	Organ Pipe Nat	40.23	322	P	P	13 56 08.5	-0.6
M53A	WI Miller and	40.31	5	IAMS_20	IAMS_20	14 12 20.5	
M53A	WI Miller and	40.31	5	P	P	13 56 08.9	-0.7
BDFB	Brasilia	40.34	116	P	P	13 56 11.6	+1.3
BDFB	Brasilia			LR	LR	14 14 19.0	
M54A	Oil Creek Stat	40.48	6	IAMS_20	IAMS_20	14 12 58.0	
M54A	Oil Creek Stat	40.48	6	P	P	13 56 10.2	-0.8
N59A	State Game Lan	40.49	11	P	P	13 56 11.0	-0.1
M55A	Ridgway	40.55	7	P	P	13 56 10.6	-0.9
M57A	Sunshine Farm,	40.66	9	P	P	13 56 10.9	+1.5
W18A	Petrified Fore	40.80	329	P	P	13 56 14.2	+0.2
KSCO	Kaye Sheddok	40.92	339	P	P	13 56 15.3	+0.5
SDCO	Great Sand Dun	40.94	335	IAMS_20	IAMS_20	14 12 55.1	
SDCO	Great Sand Dun	40.94	335	P	P	13 56 15.5	+0.3
PAL	Palisades	40.96	13	P	P	13 56 16.2	+1.3
AAM	Ann Arbor	40.98	2	IAMS_20	IAMS_20	14 12 11.3	
ITQB	Itaqui	41.03	141	eP	P	13 56 16.8	+1.2
ERPA	Erie	41.05	6	IAMS_20	IAMS_20	14 12 51.0	
ERPA	Erie	41.05	6	P	P	13 56 15.3	-0.3
IPMB	Ipaneri, GO	41.05	119	eP	P	13 56 16.2	+0.1
PTBG	Pitanga	41.12	131	eP	P	13 56 18.1	+1.4
SCIA	State Center	41.23	31	P	P	13 56 16.4	-0.6
ROSB	Rosrio	41.24	96	eP	P	13 56 17.8	+0.1
WSPF	Westport, CT	41.25	14	IAMS_20	IAMS_20	14 14 25.7	
S22A	4UR Ranch, Cre	41.51	334	P	P	13 56 20.4	+0.5
L58A	Harry Jones Me	41.56	10	P	P	13 56 20.1	+0.2
BINY	Binghamton	41.69	10	IAMS_20	IAMS_20	14 14 03.2	
BINY	Binghamton	41.69	10	P	P	13 56 21.1	+0.1
BGNE	Belgrade	41.75	345	P	P	13 56 21.7	+0.2
JFWS	Jewell Farm	41.82	354	P	P	13 56 20.3	-1.7
Q24A	Divide	41.83	336	P	P	13 56 22.9	+0.4
MVCO	Mesa Verde	41.83	332	P	P	13 56 23.6	+1.1
K56A	Middlesex	41.95	9	P	P	13 56 23.1	0.0
WUAZ	Wupatki	41.97	327	P	P	13 56 22.2	-1.4
M64A	Tiverton	42.14	16	P	P	13 56 24.9	+0.3
M66A	Nantucket	42.17	17	P	P	13 56 25.0	+0.1
SDBA	SAO DESIDERIO	42.19	110	eP	P	13 56 26.6	+1.0
GLA	Glamis	42.21	322	P	P	13 56 23.4	-2.0
L63A	North Scituate	42.33	15	IAMS_20	IAMS_20	14 15 06.3	
L63A	North Scituate	42.33	15	P	P	13 56 26.1	0.0
BRYW	Bryant College	42.40	15	IAMS_20	IAMS_20	14 15 35.2	
OGNE	Ogallala	42.45	341	IAMS_20	IAMS_20	14 16 02.4	
OGNE	Ogallala	42.45	341	P	P	13 56 27.5	+0.3
ITAB	Concordia	42.52	134	eP	P	13 56 29.0	+1.1
L64A	Middleborough	42.60	16	IAMS_20	IAMS_20	14 16 03.6	
L64A	Middleborough	42.60	16	P	P	13 56 28.7	+0.3
L61B	Northampton	42.62	14	P	P	13 56 28.2	-0.3
PDMO	Parker Dam,Lak	42.66	324	P	P	13 56 29.1	+0.2
K61A	Williamstown	42.69	13	P	P	13 56 29.0	-0.1
ISCO	Idaho Springs	42.73	337	P	P	13 56 27.8	-2.1
ISCO	Idaho Springs			pmax	pmax		
ISCO	Idaho Springs			MLR	MLR		
ISCO	Idaho Springs	42.73	337	P	P	13 56 27.8	-2.1
ISCO	Idaho Springs			IAMS_20	IAMS_20	14 14 17.9	
ISCO	Idaho Springs	42.73	337	P	P	13 56 29.9	0.0
SWSC	Sam W. Stewart	42.75	321	P	P	13 56 29.1	-0.7
IKP	In-Ko-Pah, Jac	42.75	320	P	P	13 56 29.1	-0.8
WES	Weston	42.89	15	IAMS_20	IAMS_20	14 15 21.2	
K62A	Royalston	42.93	14	P	P	13 56 30.8	-0.2
J58A	Remsen	42.94	11	P	P	13 56 30.4	-0.8
HRV	Adam Dzewonsk	42.95	15	IAMS_20	IAMS_20	14 15 30.6	
HRV	Adam Dzewonsk	42.95	15	P	P	13 56 30.2	-0.9
MONP2	Monument Peak	43.11	320	P	P	13 56 31.2	-1.8
K63A	Dunstable	43.12	15	IAMS_20	IAMS_20	14 15 45.4	
IRM	Iron Mountain	43.16	323	P	P	13 56 33.4	+0.3
J60A	Lant Hill Farm	43.20	13	P	P	13 56 33.5	+0.3
NEE2	Needles Airpor	43.27	324	P	P	13 56 33.3	-0.6
I58A	Old Forge	43.32	11	P	P	13 56 34.4	+0.2
I57A	Carthage	43.43	10	P	P	13 56 33.6	-1.4
J61A	Chester	43.50	13	P	P	13 56 35.2	-0.4
RCLB	Rio Claro- Sao	43.54	125	eP	P	13 56 36.3	-0.1

109C	Camp Elliot, M	43.55	320	IAMS_20	IAMS_20	14 13 08.3	
109C	Camp Elliot, M	43.55	320	P	P	13 56 35.2	-1.0
J62A	Henker	43.56	14	P	P	13 56 36.0	-0.1
CPBS	Cacapava Do Su	43.57	139	eP	P	13 56 38.4	+2.0
BEJC	Belle Mtn. Jos	43.58	322	P	P	13 56 35.3	-1.3
TPFO	Pinon Flats	43.60	321	P	P	13 56 35.0	-1.7
ECSD	EROS Data Cent	43.60	348	P	P	13 56 35.5	-1.0
ECSD	EROS Data Cent			Iamb	Iamb	13 56 39.5	
ECSD	EROS Data Cent	43.60	348	IAMS_20	IAMS_20	14 15 31.4	
ECSD	EROS Data Cent	43.60	348	P	P	13 56 35.1	-1.4
PFO	Pinon Flats O	43.60	321	IAMS_20	IAMS_20	14 13 06.8	
PFO	Pinon Flats O	43.60	321	P	P	13 56 34.7	-2.1
I59A	Olmsheadville	43.63	12	P	P	13 56 35.2	-1.6
PLCA	Paso Flores	43.77	164	P	P	13 56 37.2	-0.7
PLCA	Paso Flores			LR	LR	14 10 34.4	
PLCA	Paso Flores	43.77	164	eP	P	13 56 37.4	-0.5
PLCA	Paso Flores	43.77	164	eP	P	13 56 38.4	+0.4
J63A	Strafford	43.79	15	P	P	13 56 37.9	0.0
N23A	Red Feather La	43.80	337	P	P	13 56 38.7	+0.3
I60A	Shoreham	43.80	12	P	P	13 56 37.7	-0.4
GMRC	Granite Mounta	43.90	323	P	P	13 56 39.2	+0.1
H57A	Richville	43.92	10	P	P	13 56 39.0	-0.5
MURC	Murrieta	44.06	320	P	P	13 56 38.5	-1.9
O20A	White River Ci	44.10	334	P	P	13 56 41.2	+0.4
I61A	Oroboro, Fairl	44.13	13	P	P	13 56 40.6	-0.1
SPB	Sao Paulo	44.17	126	IAMS_20	IAMS_20	14 15 36.5	
H58A	Gabriels	44.17	11	P	P	13 56 41.4	+0.3
PLVO	Pleasant	44.28	8	P	P	13 56 40.5	-1.4
I62A	Tamworth	44.29	14	P	P	13 56 42.1	+0.2
LONY	Lake Ozonia	44.29	11	IAMS_20	IAMS_20	14 12 59.0	
LONY	Lake Ozonia	44.29	11	P	P	13 56 41.7	-0.2
HEC	Hector,Ludlow	44.34	322	P	P	13 56 42.8	+0.2
SPMN	Marine on St.	44.40	352	P	P	13 56 41.9	-0.9
H59A	Cadyville	44.49	12	P	P	13 56 42.8	-0.8
LBNH	Lisbon	44.49	14	P	P	13 56 43.1	-0.4
TUQ	Turquoise Moun	44.50	323	P	P	13 56 44.2	+0.2
I63A	Otisfield	44.64	15	IAMS_20	IAMS_20	14 16 21.5	
I63A	Otisfield	44.64	15	P	P	13 56 45.0	+0.3
CIS	Catalina Islan	44.72	319	P	P	13 56 43.2	-2.4
H61A	Lynnville	44.77	13	P	P	13 56 45.9	+0.1
I64A	Boothbay	44.77	16	P	P	13 56 46.4	+0.6
GSC	Goldstone, Bar	44.94	323	P	P	13 56 47.8	+0.4
RWWY	Rawlins	44.97	337	IAMS_20	IAMS_20	14 15 41.1	
SHOC	Shoshone, Teco	45.02	324	P	P	13 56 48.4	+0.3
PASC	Pasadena Art C	45.06	320	IAMS_20	IAMS_20	14 13 06.4	
E43A	Lone Tree Farm	45.06	358	P	P	13 56 47.8	-0.3
DIAM	Diamond, MG	45.16	117	eP	P	13 56 50.9	+1.3
EDW2	Edwards Air Fo	45.39	321	P	P	13 56 51.2	+0.2
K22A	Casper	45.53	338	P	P	13 56 51.4	-0.7
H64A	Tro	45.55	16	P	P	13 56 51.9	-0.1
F33A	5 Mile Ranch,	45.56	349	P	P	13 56 51.7	-0.4
F33A	5 Mile Ranch,			Iamb	Iamb	13 56 52.3	
LRMC	Laurel Mtn Rd	45.59	322	P	P	13 56 52.7	0.0
TPNV	Topopah Spring	45.73	325	IAMS_20	IAMS_20	14 15 45.4	
TPNV	Topopah Spring	45.73	325	P	P	13 56 53.4	-0.3
G62A	West of Eustis	45.75	14	P	P	13 56 53.8	+0.2
FURC	Furnace Creek,	45.76	324	P	P	13 56 52.8	-0.9
H65A	Eastbrook	45.88	17	P	P	13 56 56.1	+1.5
G63A	Kingsbury	45.88	15	P	P	13 56 55.2	+0.6
RSSD	Black Hills	45.95	341	IAMS_20	IAMS_		

NEIC 07 14:22:14.4e.2.4, 18.04S:0.08:174:14W:0.07, h28km, 4km, mb5.3/85, Mw5.7(GCMT), Error ellipse: s-maj=11.6km s-min=9.3km az=181.0

MOS 07 14:22:14.6e.1.6, 18.06S:174:41W, h34km, mb5.4/27, Error ellipse: s-maj=9.9km s-min=9.0km az=139.3

BGR 07 14:22:16.6e.0.0, 17.62S:173.93W, h18km, 1km, Ms5.3

NOU 07 14:22:17.0e.0.0, 17.95S:173.74W, h67km, MLv5.3/38, Tonga Islands

GCMT 07 14:22:18.4e.0.1, 18.17S:0.01:174:20W, h15km, Mw5.7/155, Moment Tensor Solution, s 117,c208, s155,c328, Duration: 157, Moment tensor: Scale 10¹⁷ Nm; Mr=2.32e, Ms=2.32e, Mw=2.14e, Mw4=47e, Mw4=0.85e, Mw4=1.29e, Mw4=1.10e, Mw4=1.10e; Best double couple: M4.50500x10¹⁷, NP1.48,00000°, 845.00000°, λ-30.00000°. NP2.0.160.00000°, 870.00000°, λ-131.00000°. Principal axes: T 2.5090, P1g15.0000°, Azm278.0000°, N -1.3960, P1g38.0000°, Azm177.0000°, P -3.8020, P1g48.0000°, Azm25.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 17 18:15S:174:19W, h15km, Moment Tensor Solution, Moment tensor: Scale 10¹⁷ Nm; Mr=2.42; Mw=2.28; Mw4=7.0; Mw=0.82; Mw=1.38; Mw=1.88; Fault plane solution: M4.76000x10¹⁷, NP1.48,00000°, 848.00000°, λ-29.00000°. NP2.0.159.00000°, 869.00000°, λ-134.00000°. Principal axes: T 2.5407, P1g13.0000°, Azm279.0000°, N -1.5349, P1g40.0000°, Azm178.0000°, P -3.8059, P1g47.0000°, Azm23.0000°;

ISC 07 14:22:14.0e.0.0, 18.07S:0.05:174:15W:0.04, h20km, 2km, h20km; p-P, n64e, e165/642, mb5.2/107, MS5.2/38, 26C-48D, Tonga Islands

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h	s
NIUE	Niue	4.13	105	P	Pn	14 23 13.5	-2.6
NIUE	Niue			S	Sn	14 24 02.6	-1.2
NIUE	Niue	4.13	105	Pn	Pn	14 23 13.4	-2.6
NIUE	Niue			Sn	Sn	14 24 02.2	-1.6
NIUE	Niue	4.13	105	P	Pn	14 23 13.8	-2.2
AFI	Afiatama	4.72	29	Pn	Pn	14 23 20.7	-3.5
AFI	Nonsavu	7.43	271	Pn	Sn	14 24 15.8	-2.7
AFI	Nonsavu	7.43	271	Pn	Sn	14 25 01.7	
AFI	Afiatama	4.72	29	Pn	Pn	14 23 20.6	-3.6
AFI	Afiatama	4.72	29	Pn	Pn	14 23 21.3	-2.9
MSVF	Nonsavu	7.43	271	Pn	Pn	14 24 02.7	+1.3
MSVF	Nonsavu	7.43	271	Pn	Pn	14 26 27.7	
MSVF	Nonsavu	7.43	271	Pn	Pn	14 24 01.7	+0.2
MSVF	Nonsavu	7.43	271	Pn	Pn	14 24 01.7	+0.2
MSVF	Nonsavu	7.43	271	Pn	Pn	14 24 05.6	+4.1
RAR	Rarotonga	13.90	105	Pn	Pn	14 25 28.9	-1.1
RAR	Rarotonga	13.90	105	Pn	Sn	14 27 59.9	-3.9
RAR	Rarotonga	13.90	105	P	LR	14 29 43.8	
RAR	Rarotonga	13.90	105	P	Pn	14 25 26.5	-3.5
RAR	Rarotonga	13.90	105	Pn	Pn	14 25 26.5	-3.5
KNTN	Kanton	15.38	9	P	P	14 25 55.0	+0.4
MARNC	Mare, Loyalty	17.11	256	P	P	14 26 13.5	-0.2
MARNC	Mare, Loyalty	17.11	256	P	P	14 26 17.7	+4.0
LIFNC	Lifou	17.76	256	P	P	14 26 21.1	+0.3
LIFNC	Lifou	17.76	256	P	P	14 26 23.9	+3.0
PINNC	Pines Island	17.84	252	P	Pn	14 26 21.1	-0.1
PINNC	Pines Island	17.84	252	P	IAMB	14 26 40.0	
PINNC	Pines Island	17.84	252	P	P	14 26 25.4	+3.7
SANVU	Saravoutou	18.04	276	P	P	14 26 22.9	-0.8
SANVU	Saravoutou	18.04	276	IAMB	IAMB	14 26 37.5	
SANVU	Saravoutou	18.04	276	P	P	14 26 28.4	+4.3
YATNC	Yatapu	18.24	254	P	Pn	14 26 29.1	+3.4
OUENC	Ouen Island, N	18.35	253	P	Pn	14 26 26.8	-0.6
OUENC	Ouen Island, N	18.35	253	IAMB	IAMB	14 26 42.1	
OUENC	Ouen Island, N	18.35	253	P	Pn	14 26 30.7	+3.3
DZM	Mont Dzumac	18.66	254	P	P	14 26 33.5	+2.2
DZM	Mont Dzumac	18.66	254	LR	LR	14 32 24.8	
DZM	Mont Dzumac	18.66	254	eLR	LR	14 26 29.4	-1.5
DZM	Mont Dzumac	18.66	254	eLR	LR	14 30 54.0	
DZM	Mont Dzumac	18.66	254	P	P	14 26 30.5	-0.4
DZM	Mont Dzumac	18.66	254	P	P	14 26 35.2	+3.9
DZM	Mont Dzumac	18.66	254	P	P	14 26 30.8	+0.3
ONTNC	Ouen Toro	20.26	210	P	Pn	14 26 21.1	+3.6
ONTNC	Ouen Toro	20.26	210	P	Pn	14 26 48.5	+0.3
OUZ	Omahuta	20.50	260	P	Pn	14 26 55.8	+2.6
KOUNC	Koumac, New Ca	20.52	199	P	P	14 26 59.1	-2.7
KOUZ	Urewera	21.52	199	P	P	14 27 12.4	-0.1
HIZ	Hauti	22.54	199	P	P	14 27 10.2	-2.6
BKZ	Black Stump Fm	23.39	93	eP	P	14 27 25.8	+4.1
PAE	Paea	23.39	93	eP	T	14 51 27.0	
PAE	Paea	23.39	93	eP	T	14 27 26.3	+4.4
PPT2	Papeete	23.40	93	eT	LQ	14 31 59.4	
PPT2	Papeete	23.40	93	eT	LR	14 33 02.3	
PPT2	Papeete	23.40	93	eT	LR	14 51 28.5	
PPT2	Papeete	23.40	93	LR	LR	14 34 05.9	
PPT2	Papeete	23.40	93	P	P	14 34 28.0	+4.0
TBI	Tubuai	23.67	107	eLQ	LQ	14 32 12.2	
TBI	Tubuai	23.67	107	eLR	LR	14 33 12.5	
TBI	Tubuai	23.67	107	eT	T	14 51 35.9	
TBI	Tubuai	23.67	107	eT	P	14 27 25.6	-1.8
BFZ	Birch Farm	24.01	198	P	IAMB	14 27 37.0	
BFZ	Birch Farm	24.01	198	P	IAMB	14 53 53.3	
PMOR	Pomariorio Ree	25.35	87	eT	P	14 27 38.8	-1.5
QRZ	Quartz Range	25.41	204	P	P	14 27 37.9	-2.4
TUWZ	Tuararua	25.42	201	P	P	14 27 46.5	+4.7
VAH	Vaihoa	25.56	88	eP	T	14 54 09.6	
VAH	Vaihoa	25.56	88	eT	T	14 27 45.0	+0.2
VAH	Vaihoa	25.56	88	eT	IAMB	14 27 60.0	
XMAS	Kiritimati	25.89	41	P	P	14 27 52.7	+1.8
XMAS	Kiritimati	25.89	41	IAMB	IAMB	14 36 37.4	
HNR	Honiara	26.55	285	P	LR	14 27 52.6	+1.8
HNR	Honiara	26.55	285	P	LR	14 27 52.6	+1.8
HNR	Honiara	26.55	285	P	P	14 27 52.6	+1.8
HNR	Honiara	26.55	285	P	P	14 27 55.7	-0.8
LITZ	Lake Taylor	27.20	202	IAMB	IAMB	14 28 13.0	
WHZ	Wether Hill Ro	31.48	204	P	P	14 28 34.2	-0.1
EIDS	Eidsvold	33.04	251	P	P	14 28 47.2	-1.1
EIDS	Eidsvold	33.04	251	P	P	14 28 46.1	-2.1
EIDS	Eidsvold	33.04	251	IAMB	IAMB	14 28 49.5	
ARMA	Armidale	33.40	242	P	P	14 28 51.6	+0.1
ARMA	Armidale	33.40	242	P	P	14 28 50.3	-1.3
TAOE	Nuku Hiva Isla	34.26	79	eS	S	14 34 32.6	+7.1
TAOE	Nuku Hiva Isla	34.26	79	eS	LQ	14 36 16.0	
TAOE	Nuku Hiva Isla	34.26	79	eT	LR	14 37 55.9	

TAOE	Nuku Hiva Isla	34.26	79	eT	T	15 05 01.3	
TAOE	Nuku Hiva Isla	34.26	79	eP	P	14 29 00.1	+1.0
TAOE	Nuku Hiva Isla	34.26	79	eP	P	14 29 07.0	-0.4
PATS	Pohnpei	36.76	310	P	P	14 29 19.3	-1.1
CAN	Canberra	36.88	235	P	Pmax	14 29 19.3	-2.1
CAN	Canberra	36.88	235	Pmax	Pmax	14 29 19.3	-2.1
CAN	Canberra	36.88	235	P	IAMB	14 29 33.6	
CTAO	Charters Tower	37.41	260	P	Pmax	14 29 22.8	-3.3
CTAO	Charters Tower	37.41	260	P	Pmax	14 29 22.8	-3.3
CTAO	Charters Tower	37.41	260	P	IAMB	14 29 22.8	-3.3
CTAO	Charters Tower	37.41	260	P	IAMB	14 29 28.5	
PMG	Port Moresby	38.49	278	eP	P	14 29 35.3	+0.2
PMG	Port Moresby	38.49	278	eP	Pmax	14 29 35.6	-0.5
CMSA	Cobar Meteorol	38.62	242	P	P	14 29 39.2	-2.4
QLP	Quilpie	39.28	250	P	P	14 29 49.0	-0.8
TOO	Toolangi	40.26	233	P	P	14 29 48.0	-1.7
TOO	Toolangi	40.26	233	Pmax	Pmax	14 29 48.0	-1.7
TOO	Toolangi	40.26	233	P	T	14 19 48.0	-1.7
H1S2	WAKE ISLAND Hy	40.91	332	T	T	15 15 58.0	
H1S3	WAKE ISLAND Hy	40.92	332	T	T	15 14 01.1	
H1S1	WAKE ISLAND Hy	40.93	332	T	T	15 13 58.6	
H1S1	WAKE ISLAND Hy	40.93	332	T	T	14 29 53.7	-2.1
MANU	Manus Island	40.96	288	P	P	14 29 59.0	-0.4
PTCN	Pitcairn Islan	41.42	108	P	P	14 30 00.2	+0.3
HLP	Hilina Pali	41.49	27	P	P	14 30 00.4	+0.7
HATHI	Halema'uma'u H	41.62	27	P	P	14 29 59.6	-1.4
HATHI	Halema'uma'u H	41.62	27	P	P	15 14 43.2	
H1N3	WAKE ISLAND Hy	41.90	333	T	T	15 14 43.2	
H1N1	WAKE ISLAND Hy	41.90	333	T	T	15 14 43.2	
H1N2	WAKE ISLAND Hy	41.92	333	T	T	15 14 44.6	
HPAH	Hawaii Prepara	41.97	26	P	IAMB	14 30 04.2	+0.4
HPAH	Hawaii Prepara	41.97	26	IAMB	IAMB	14 30 11.7	
STKA	Stephens Creek	42.12	242	P	P	14 30 03.9	-1.2
STKA	Stephens Creek	42.12	242	P	P	14 30 03.9	-1.2
STKA	Stephens Creek	42.12	242	P	Pmax	14 30 02.9	-2.2
STKA	Stephens Creek	42.12	242	Pmax	Pmax	14 30 02.9	-2.2
STKA	Stephens Creek	42.12	242	P	P	14 30 02.9	-2.2
BBOO	Bucklebo	46.89	242	P	P	14 30 41.1	-2.1
BBOO	Bucklebo	46.89	242	P	IAMB	14 30 40.7	-2.5
BBOO	Bucklebo	46.89	242	IAMB	IAMB	14 30 56.1	
GENI	Genyem	47.33	284	P	P	14 30 50.7	+3.9
WR0	Warramunga Arr	48.39	259	P	IAMB	14 31 05.5	
WR0	Warramunga Arr	48.39	259	IAMB	IAMB	14 30 52.7	-3.3
WB0	Warramunga Arr	48.55	259	P	IAMB	14 31 06.7	
WB0	Warramunga Arr	48.55	259	P	IAMB	14 30 53.5	-2.9
WB2	Warramunga Arr	48.57	259	P	IAMB	14 31 07.7	
WRB2	Warramunga Arr	48.57	259	P	P	14 30 54.0	-2.5
WRAB	Tennant Creek	48.57	259	eP	Pmax	14 30 53.7	-2.7
WRAB	Tennant Creek	48.57	259	Pmax	Pmax	14 30 54.6	-1.9
WRAB	Tennant Creek	48.57	259	P	P	14 49 47.5	
WRA	Warramunga Arr	48.58	259	P	Pmax	14 30 53.2	-3.3
WRA	Warramunga Arr	48.58	259	Pmax	Pmax	14 30 53.7	-3.3
AS31	Alice Springs	48.65	254	IAMB	IAMB	14 30 59.8	
ASAR	Alice Springs	48.65	254	P	P	14 30 54.6	-2.4
ASAR	Alice Springs	48.65	254	P	LR	14 52 18.0	
ASAR	Alice Springs	48.65	254	P	P	14 30 54.1	-2.9
ASAR	Alice Springs	48.65	254	P	P	14 31 18.2	-1.3
KAKADU	Kakadu	51.60	268	P	P	14 31 26.8	-1.9
MTN	Manton Dam	52.84	267	P	P	14 31 25.9	-2.8
MTN	Manton Dam	52.84	267	IAMB	IAMB	14 31 30.9	
MTN	Manton Dam	52.84	267	IAMB	IAMB	14 31 32.1	-2.0
FORT	Forrest	53.60	245	P	P	14 31 30.6	-3.5
FORT	Forrest	53.60	245	IAMB	IAMB	14 31 34.3	
FORT	Forrest	53.60	245	P	P	14 31 37.3	-3.5
KNRA	Kununurra	54.50	263	P	P	14 31 37.6	-3.3
KNRA	Kununurra	54.50	263	IAMB	IAMB	14 31 43.3	
SIJI	Sorong	56.23	281	LR	LR	14 54 39.3	
SIJI	Sorong	56.23	281	P	P	14 31 54.9	+1.6
SWI	Sorong	56.23	281	P	P	14 31 59.5	+6.1
SOEI	Soe	60.12	269	P	P	14 32 19.2	-1.5
SOEI	Soe	60.12	269	P	P	14 32 22.0	+1.3
SBA	Scott Base	60.55	18				

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HOPE Hope Point, VNA3 Neumayer-Olymp, SNAAS Sanae, etc.

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

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makaranchi Array, IDC 07 18:20:58, MOS 07 18:20:59, etc.

7d 18h

Table with columns: STKA, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like LON Longmire, HHC comp=Z,23nm,1.2s, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like WRH Wood River Hill, L26K Log Cabin Wild, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like WALA Waterton Lakes, YHH Holmes Hill, etc.

7d 18h

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like H60A Morristown, J61A Chester, I61A Orobora, etc.

2015 AUG

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SIRR Siria, WERD Werda, MOX Moxa, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ESDC Sonseca Array, ESDC Sonseca Array, etc.

DC 07 18:22:02.62.1, 13:86N, 58:43W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.5/26, mbtm3.7/3 Error ellipse: s-maj=21.4km s-min=36.0km az=121.0

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

BUI 07 18:25:17.2.0.0, 16:47S, 173:17W, h7km, mb5.6/13, mb5.0/26, Ms5.4/5, Ms7.0/6

DC 07 18:25:18.0.0.5, 16:32S, 173:35W, h0km, mb4.5/19, mb1 4.7/20, mb1mx4.7/27, mbtm4.5/20, ML3.7/1, Error ellipse: s-maj=20.5km s-min=14.5km az=132.0

MOS 07 18:25:19.9.1.7, 16:39S, 173:29W, h12km, mb5.3/10, Error ellipse: s-maj=12.2km s-min=9.8km az=49.5

NEIC 07 18:25:5.2.6, 16:43S, 0:03, 173:1W, 0.1, h10km, 1km, mb5.0/16, Error ellipse: s-maj=16.5km s-min=5.6km az=84.0

BGR 07 18:25:25.0.0.0, 16:36S, 173:72W, h33km, NOU 07 18:25:27.6, 15:85S, 172:51W, h29km, MLV4.8/19

IS 07 18:25:22.6.0.3, 16:37S, 0:04, 173:02W, 0.05, h32km, n500, r170/466, mb5.0/117, 40C-18D, Tonga Islands

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

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like DZM, DZM, DZM, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like PSA00, PSA00, PSA00, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like TYV, 319A, 319A, etc.

7d 18h

Table with columns: IAMB, IAMB, 18 37 56.1, etc. Rows include MSO Missoula, I20W White River Ci, I20A Indian Meadow, etc.

Table with columns: CM31, CMAR, CMAR, etc. Rows include Chiang Mai Arr, Chiang Mai Arr, Chiang Mai Arr, etc.

Table with columns: BRTR, GEC2, GEC2, etc. Rows include GRESS Array S, GRESS Array S, GRESS Array B, etc.

IDC 07:18:39:20:7.4.2.6.71S-153:62E, h0km, mb2.9/3, mb1.3/4.3, mb1mx3.2/20, mbtm3.2/3, MS4.1/1, Ms1.4/1.1, ms1mx3.3/17, Error ellipse: s-maj=150.2km s-min=40.5km az=115.0, New Britain region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, JNU Nakatsue, etc.

ROM 07:18:52:59.0-1.43:459N-0:003:12:659E-0:005, h13km, Md0.9/2, ID, Error ellipse: s-maj=0.4km s-min=0.0km az=261.0, Central Italy

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Rows include FRON Frontone, SSFR Montelago di S, ATFO Monte Focce - G, etc.

NNC 07:18:53:38.5-1.6.46:13N-82:90E, h0km, mb2.9, mpv2.8, Error ellipse: s-maj=10.8km s-min=6.4km az=113.0, SOME 07:18:55:41.6.46:10N-82:47E, h10km

ISC 07:18:55:38.0-1.6.46:06N-0:05:82:75E-0:05, h5km, r19km, n15, c111/22, 2C-3D, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Rows include MK31 Makanchi Array, MAK2 Makanchi, MAK3 Makanchi, etc.

Table with columns: KTMS, Ketmen, 3.12 214 eP, Pg, 18 56 36.9 -1.0, 18 57 16.9 -1.4, 18 56 38.9 +1.1, 18 57 16.9, 18 56 47.1 +0.3, 18 57 30.3, 18 56 44.4 -0.1, 18 57 29.5 -0.6, 18 56 46.3 +1.8, 18 57 29.5, 18 57 55.1 -1.6, 18 57 55.1 -1.6, 18 57 01.2 +0.5, 18 57 55.1, 18 58 32.4

IDC 07 18:55:51.8, 3.9, 21.85N, 143.25E, h267km, 36km, mb3.1/9, s-maj=27.2km s-min=16.2km az=81.0

ISC 07 18:55:50.1, 1.8, 21.83N, 0.1, 143.3E, 0.5, h250km, n11, s106/111, mb3.3/8, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC, 18 58 31.9 +2.0, 18 59 11.9 -1.8, 19 00 09.0 -0.2, 19 01 25.4 -0.2, 19 02 54.7 -0.6, 19 03 20.2 -0.1, 19 03 50.5 +0.8, 19 04 49.4 +0.2, 19 05 43.9 -0.4, 19 07 25.0 -0.1, 19 07 47.0 -0.7

IDC 07 18:59:17.1, 0.6, 55.68S, 26:91W, h0km, mb4.3/8, mb1.4/4.9, mb1mx4.1/31, mbtmp4.2/9, ML3.9/1, Error ellipse: s-maj=32.5km s-min=16.1km az=65.0

ISC 07 18:59:20.8, 0.5, 55.70S, 0.08, 27:10W, 0.09, h25km, n66, s115/62, mb4.7/19, 1D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC, 19 05 36.4 -6.5, 19 05 57.6 +0.4, 19 06 07.3 +0.3, 19 06 07.0 0.0, 19 06 25.1 +2.3, 19 06 25.4 +0.6, 19 06 25.2 +0.4, 19 06 28.4 +1.7, 19 06 29.9 -0.4, 19 06 56.2 0.0, 19 06 54.7 -1.5, 19 07 07.4 +0.5, 19 07 09.0 +0.6, 19 07 18.1 -0.7, 19 07 21.1 +0.4, 19 07 37.1 +0.4, 19 07 45.4, 19 07 43.0 +0.8, 19 07 43.4 +1.1, 19 07 45.9 +0.7, 19 07 47.4, 19 07 46.0 +1.3, 19 07 48.3, 19 07 49.2 +1.1, 19 07 50.7, 19 07 48.8 +0.2, 19 07 49.0 +0.4, 19 07 51.4, 19 07 54.0 +0.8, 19 07 55.7, 19 09 28.3 +1.7, 19 09 32.5 +1.2, 19 08 01.5 -1.4, 20 00 43.6, 20 00 46.2, 19 08 16.8 +1.6, 19 08 15.4 +0.2, 19 08 17.8, 19 08 47.1 +0.2, 19 08 48.1, 19 09 31.3 -0.1

Table with columns: TORD, Torodi Ar, Beas, 72.72 29 P, P, 19 10 46.7 +0.2, 19 12 11.5, 19 12 59.5 -1.2, 19 18 18.8 -0.4, 19 18 23.7 -0.9, 19 18 36.5, 19 37 37.6 -7.4, 19 18 27.8 +0.2, 19 18 41.0 -0.6, 19 18 48.9 -0.6, 19 18 53.5 -0.3, 19 18 54.9 -0.1, 19 18 55.6 0.0, 19 18 58.3 -0.3, 19 19 04.1 +0.2, 19 19 05.4 -0.6, 19 19 07.0 -0.2, 19 22 44.1 +1.7, 19 19 07.3 +0.1, 19 19 09.4 -0.3, 19 19 09.2 -0.5, 19 19 12.1 +0.1

IDC 07 19:10:40.0, 0.7, 13:90N, 58:50W, h0km, mb3.8/13, mb1.4/1.15, mb1mx3.9/43, mbtmp3.9/15, ML4.2/3, MS3.5/6, Ms1.3/5.6, ms1mx3.2/35, Error ellipse: s-maj=20.5km s-min=17.4km az=107.0

ISC 07 19:10:43.2, 1.8, 13:92N, 0.05, 58:62W, 0.08, h23km, 5km, mb4.6/19, Error ellipse: s-maj=11.5km s-min=6.7km az=92.0

ISC 07 19:10:43.2, 1.8, 13:91N, 0.03, 58:61W, 0.06, h23km, 13km, n167, s195/180, mb4.2/18, MS3.6/4, 7C, North Atlantic

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC, 19 11 05.5 +0.0, 19 11 21.5 +2.5, 19 11 21.5 +1.1, 19 11 21.5 +1.1, 19 11 05.8 +0.5, 19 11 19.9 -0.2, 19 11 18.2 -0.5, 19 11 45.3 -0.1, 19 11 18.8 -0.3, 19 11 45.2 -0.9, 19 11 19.5 +0.2, 19 11 46.5 -0.1, 19 11 21.5 +1.1, 19 11 49.9 +0.2, 19 11 17.6 -1.8, 19 11 19.1 -0.7, 19 11 46.7 -0.7, 19 11 19.9 +0.1, 19 11 19.8 -0.1, 19 11 47.5 -0.2, 19 11 20.9 +0.4, 19 11 20.7 +0.2, 19 11 20.4 +0.3, 19 11 21.0 +0.2, 19 11 21.0 +0.2, 19 11 21.9 +0.2, 19 11 22.0 +0.2, 19 11 22.4 -0.7, 19 11 23.2 +0.6, 19 11 23.6 -0.1, 19 11 23.8 -0.1, 19 11 53.9 -0.9, 19 11 23.8 -0.1, 19 11 23.8 +1.0, 19 11 23.5 0.0, 19 11 53.3 -1.6, 19 11 24.9 +0.7, 19 11 25.3 +0.7, 19 11 25.6 +1.0, 19 11 25.9 +0.1, 19 11 55.4 -0.6, 19 11 55.2 +0.6, 19 11 55.3 +0.7, 19 11 56.9 +0.8, 19 11 56.8 +0.4, 19 11 56.9 +0.9, 19 11 29.2 +0.9, 19 12 01.7 -1.0, 19 11 30.3 -0.3, 19 12 05.0 -1.8, 19 11 29.2 +0.2, 19 12 06.9 -0.7, 19 11 31.9 -0.3, 19 12 07.7 -2.0, 19 11 33.4 +0.1, 19 12 11.0 -0.7, 19 11 34.9 +0.9, 19 12 12.3 -0.6, 19 11 34.3 -0.2, 19 12 12.2 -1.5, 19 11 35.5 +0.6, 19 12 14.3 -0.1, 19 11 35.7 +0.7, 19 11 36.1 +0.7, 19 11 35.4 -0.3, 19 12 14.4 -1.5, 19 11 35.1 -0.5, 19 11 37.4 +0.9, 19 12 16.8 -0.4, 19 11 38.7 +0.9, 19 12 18.1 -1.6, 19 11 40.1 +0.1, 19 12 22.7 -1.0, 19 11 46.4 -0.1, 19 12 30.0 -3.3, 19 11 48.6 +0.5, 19 12 35.9 -2.3, 19 11 49.1 +0.1, 19 12 37.5 -0.1, 19 12 39.4 -0.1, 19 12 38.9 -1.6, 19 11 54.0 -0.6, 19 12 47.1 -2.7, 19 11 53.9 -0.6, 19 11 51.9 -0.5, 19 11 59.5 -0.7, 19 12 57.3 -2.6, 19 12 08.8 +1.0, 19 12 14.4 -3.1, 19 12 14.4 +0.8, 19 13 39.1 -2.6, 19 12 24.3 +0.3, 19 13 39.2 -3.4, 19 12 34.2 -0.6, 19 12 35.4 -1.0, 19 12 40.4 +0.4, 19 12 41.1 +0.1, 19 12 41.9 +0.1, 19 12 44.2 +1.1, 19 12 44.2 +1.1, 19 12 42.0 +5.0, 19 12 43.5 +0.3, 19 12 44.7 +0.9, 19 12 52.5 +0.9, 19 12 52.5 -0.2

Table with columns: MDP, Montagnes des, 10.54 146 Pn, Pn, 19 13 04.7 -8.3, 19 14 51.1 -1.9, 19 17 09.3, 19 13 23.0 -2.0, 19 13 21.1 -6.3, 19 15 09.3 -2.7, 19 15 43.3 -0.8, 19 13 43.4 +0.7, 19 13 49.1 +0.2, 19 14 00.5 -8.1, 19 16 31.0 -1.9, 19 14 00.2 -8.5, 19 14 13.7 -4.8, 19 14 22.2 -1.9, 19 14 18.4 -2.2, 19 14 10.3 -1.1, 19 14 22.2 -4.5, 19 14 32.7 +1.4, 19 14 20.3 -1.0, 19 14 30.8 -0.1, 19 14 34.1 -0.3, 19 14 38.5 +4.1, 19 14 37.2 -0.9, 19 14 36.6 +0.6, 19 14 40.4 -1.7, 19 14 46.1 -0.6, 19 14 45.1 -3.4, 19 23 21.1, 19 14 49.9 -2.6, 19 14 53.7 -2.8, 19 14 48.6 -8.0, 19 14 58.5 -1.4, 19 14 59.3 -4.3, 19 15 00.4 -2.2, 19 15 04.2 -1.7, 19 15 03.3 -2.3, 19 14 59.8 -6.2, 19 15 07.1 -2.8, 19 15 12.8 -2.7, 19 15 21.9 -4.0, 19 15 18.7 -0.8, 19 15 46.3 -1.9, 19 15 47.3 -0.9, 19 16 07.3 +4.1, 19 16 02.2 -1.3, 19 16 05.9 -0.7, 19 23 10.6, 19 16 21.1 +0.1, 19 16 38.2 -1.0, 19 16 43.5 +2.7, 19 16 46.3 +0.6, 19 16 49.5 +1.3, 19 17 01.6 +0.8, 19 17 00.7 -0.1, 19 17 32.1, 19 17 06.0 +2.3, 19 17 08.6 +4.8, 19 17 09.3 +0.7, 19 17 23.9 +1.0, 19 17 32.2 +1.9, 19 17 33.2 +1.9, 19 17 35.9 +0.1, 19 17 45.8 +0.1, 19 17 54.4, 19 17 52.0 -0.2, 19 17 59.2 -1.9, 19 18 07.6, 19 18 02.4 +5.2, 19 18 06.0 +1.8, 19 18 07.6 +0.8, 19 18 06.8 -0.2, 19 18 09.5, 19 35 35.4, 19 18 50.9 -1.0, 19 19 07.5, 19 18 51.4 -0.5, 19 18 52.9 +1.0, 19 43 39.5, 19 18 51.0 -0.9, 19 19 03.5 -1.3, 19 19 07.8 +0.9, 19 19 09.3, 19 19 18.8 -0.2, 20 10 15.5, 20 10 13.9, 19 19 35.9 +1.6, 19 19 54.6 +1.6, 19 19 53.7 +0.6, 19 20 05.7 -3.1, 19 20 06.9, 19 20 14.9 -1.4, 19 44 15.5, 19 20 23.5 -7.2, 19 20 34.7 +1.4, 19 20 37.3 -0.8, 19 20 45.3, 19 22 22.2 +1.8, 19 22 21.3 -1.2, 19 22 24.3 -0.3, 19 22 23.9 -0.7, 19 22 35.2 +2.4, 19 23 08.2 +1.4, 19 22 32.6 +0.8, 19 22 22.2 +1.8, 19 22 21.3 -1.2, 19 22 24.3 -0.3, 19 22 23.9 -0.7, 19 22 35.2 +2.4, 19 23 08.2 +1.4

IDC 07 19:22:36.0, 0.2, 69N, 128:77E, h223km, 7km, mb3.7/13, mb1.3/8.16, mb4.2/20, MLV4.6/11, (MLWB)4.3/6, Error ellipse: s-maj=19.7km s-min=9.0km az=72.0

ISC 07 19:22:37.5, 1.6, 25.6N, 0.09, 128:54E, 0.10, h224km, 7km, mb4.4/28, Error ellipse: s-maj=15.3km s-min=11.5km az=52.0

DJA 07 19:22:37.0, 0.4, 3:14N, 4:12E, h211km, 3km, M4.5/20, mb5.0/6, mb4.4/20, MLV4.6/11, (MLWB)4.3/6

ISC 07 19:22:37.0, 0.4, 2:56N, 0.05, 128:59E, 0.06, h224km, n90, s192/123, mb4.3/35, 2C, Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC, 19 23 09.2 -0.9, 19 23 34.7 -0.9, 19 23 19.3 +0.1, 19 23 51.2 -0.6, 19 23 18.9 -0.3, 19 23 51.2 -0.6, 19 23 29.9 -1.3, 19 23 38.5 -0.4, 19 23 44.6 +0.5

7d 20h

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SANI, DAV, KCP, KRAI, etc.

2015 AUG

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BKZ, ZALV, KURBB, etc.

IDC 07 19:23:43.3z.2.0.35:93N:65.63E, h0km, mb3.6/3, mb1 3.7/8, mb1mx3.4/5.1, mbtpm3.7/8, ML3.4/5, Error ellipse: s-maj=32.5km s-min=22.9km az=10.0

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

IDC 07 19:31:56.5z.2.9.254S:138.64E, h0km, mb3.2/2, mb1 3.6/4, mb1mx3.4/3.4, mbtpm3.5/4, ML3.5/2, Error ellipse: s-maj=69.5km s-min=30.5km az=77.0, Irian Jaya

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

TEH 07 19:47:05.1z.37:28N:57:37E, h8km, ML3.5, IDC 07 19:47:05.8z.1.7.37:52N:57:07E, h0km, mb3.3/4, mb1 3.7/5, mb1mx3.4/3.5, mbtpm3.4/5, ML3.3/1, MS3.7/1, Ms1 3.7/1, ms1mx2.9/2.3, Error ellipse: s-maj=29.6km s-min=10.7km az=176.0

THR 07 19:47:05.9z.0.4.37:30N:57:37E, h14km, 7M, ML3.2, ISC 07 19:47:06.8z.0.7.37:33N:0.04z.57.44E.0.03, h14km, n37, s=1564/93, mb3.5/3, Irian-Turkmenistan border region

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

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Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MKAR, ZALV, etc.

IDC 07 20:30:31.2z.2.3.420N:127.17E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/4.2, mbtpm3.6/3, Error ellipse: s-maj=175.6km s-min=26.8km az=66.0, Talaud Islands

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

NEIC 07 20:40:25.3z.0.3.20:49S:0:10z.177:00W.0:1, h96km, 5km, mb4.7/46, Error ellipse: s-maj=14.7km s-min=13.5km

BGR 07 20:40:29.1z.0.0.19:69S:178:83W, h33km, IDC 07 20:40:32.1z.3.4.24:94S:177:22W, h159km, 29km, mb3.9/12, mb1 4.1/1.4, mb1mx3.9/3.7, mbtpm4.3/1.4, Error ellipse: s-maj=19.7km s-min=15.3km az=121.0

ISC 07 20:40:28.3z.0.4.24:93S:0:07z.177:05W.0:08, h126km, n113, s1224/113, mb4.5/32, South of Fiji Islands

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

2015 AUG

377	CD2	Chengdu	38.60 265	P	P	20 50 35.9 +0.7
	CD2	comp=Z,50nm,0.9s			pmax	
	PWL	Port Wells	38.64 44	P	I Amb	20 50 34.8 -0.4
	PWL	comp=Z,6.7nm,1.0s			I Amb	20 50 36.2
	H24K	Noodor Dome	38.67 36	P	P	20 50 35.3 -0.1
	H24K	baz=269,SNR=5.4				
	COLA	College	38.68 37	eP	pmax	20 50 35.8 +0.5
	COLA	comp=Z,13nm,1.1s			pmax	
	CCB	Clear Creek Bu	38.70 38	P	P	20 50 34.9 -0.6
	CCB	baz=273				
	WATE	Susitna Watana	38.80 41	P	P	20 50 36.3 -0.3
	WATE	baz=270				
	POKR	Poker Plat Res	38.85 37	P	P	20 50 35.9 -0.9
	POKR	baz=273				
	NR1K	Noril'sk	39.00 330	LR	LR	21 06 21.4
	NR1K	comp=Z,78nm,21.9s, baz=126,slow=36				
	SCM	Sheep Creek Mo	39.04 42	P	pmax	20 50 39.2 +0.6
	SCM	comp=Z,21nm,1.4s			pmax	
	SCM	Sheep Creek Mo	39.04 42	P	I Amb	20 50 39.2 +0.6
	SCM	comp=Z,20nm,1.4s			I Amb	20 50 40.5
	HDA	Harding Lake	39.07 38	P	P	20 50 38.2 -0.5
	HDA	comp=Z,8.3nm,0.7s				
	HDA	Harding Lake	39.07 38	P	I Amb	20 50 38.3 -0.5
	HDA	baz=272,SNR=6.8				
	IL31	Eielson Array	39.09 37	P	P	20 50 37.7 -1.1
	IL31	comp=Z,7.0nm,0.7s, baz=264,slow=7.6,SNR=28				
	ILAR	Eielson Array	39.09 37	P	P	20 50 39.0 +0.1
	ILAR	comp=Z,7.0nm,0.7s, baz=264,slow=7.6,SNR=28				
	GLI	Glacier Island	39.24 43	P	I Amb	20 50 38.8 0.0
	GLI	comp=Z,7.6nm,0.8s			I Amb	20 50 40.9
	GLI	Glacier Island	39.24 43	P	I Amb	20 50 40.3 +0.1
	GLI	baz=276			I Amb	20 50 41.7 +0.7
	GYA	Guiyang	39.27 257	↑P	pmax	20 50 42.1 +0.9
	GYA	comp=Z,14nm,0.9s			pmax	
	KWAJ	Kwajalein Atol	39.32 152	P	pmax	20 50 42.1 +0.9
	KWAJ	comp=Z,209nm,1.0s			pmax	
	KWAJ	Kwajalein Atol	39.32 152	P	P	20 50 42.1 +0.9
	KWAJ	baz=275			P	20 50 43.1 +0.3
	MRP	Porcupine Dome	39.35 36	P	I Amb	20 50 43.9 +0.2
	MRP	comp=Z,7.6nm,0.8s			I Amb	20 50 45.7
	PRP	Porcupine Dome	39.35 36	P	P	20 50 42.9 -0.8
	PRP	baz=272,SNR=8.8				
	KLU	Klutina	39.74 42	P	I Amb	20 50 44.9 +0.5
	KLU	comp=Z,9.4nm,1.0s			I Amb	20 50 46.0
	KLU	Klutina	39.74 42	P	P	20 50 44.2 -0.2
	KLU	baz=276,SNR=6.5				
	FYU	Fort Yukon	39.75 34	P	P	20 50 44.8 +0.5
	FYU	comp=Z,27s				
	PAX	Paxson	39.81 40	P	P	20 50 47.4 +0.1
	PAX	baz=275				
	BMAR	Burnt Mountain	40.00 33	P	P	20 50 47.4 +0.1
	BMAR	baz=276				
	HARP	HAARP	40.01 41	P	P	20 50 46.4 -0.2
	HARP	baz=276				
	RIDG	Independent Ri	40.03 39	P	P	20 50 46.4 -0.4
	RIDG	baz=274				
	N25K	Chitina, Valde	40.36 42	P	P	20 50 49.4 -0.1
	N25K	baz=277				
	DOT	Dot Lake	40.39 39	P	P	20 50 49.3 -0.3
	DOT	baz=275,SNR=5.9				
	SCRK	Sand Creek	40.39 38	P	P	20 50 49.4 -0.4
	SCRK	baz=275,SNR=5.9				
	BMRM	Bremner River	40.44 43	P	I Amb	20 50 51.0 +0.9
	BMRM	comp=Z,7.5nm,0.9s			I Amb	20 50 53.8
	BMRM	Bremner River	40.44 43	P	P	20 50 50.4 +0.3
	BMRM	baz=278				
	L26K	Log Cabin Wild	40.77 40	P	P	20 50 53.3 +0.5
	L26K	baz=277				
	VRDI	Verde Repeater	40.95 43	P	P	20 50 55.0 +0.5
	VRDI	baz=278,SNR=24				
	BERG	Berg Lake	40.96 44	P	P	20 50 55.4 +1.0
	BERG	baz=278,SNR=11				
	M26K	Nabesna, AK	41.01 41	P	P	20 50 55.5 +0.7
	M26K	baz=278,SNR=11				
	CROM	Cirque	41.18 43	P	I Amb	20 50 57.1 +0.7
	CROM	comp=Z,15nm,0.8s			I Amb	20 51 13.6
	CRQE	Cirque	41.20 43	P	P	20 50 57.5 +0.1
	CRQE	baz=279				
	K27K	Beaver Creek	41.22 38	P	P	20 50 56.8 +0.3
	K27K	baz=276				
	L27K	Beaver Creek	41.45 40	P	I Amb	20 50 59.5 +1.0
	L27K	comp=Z,1.1nm,0.6s			I Amb	20 51 00.7
	L27K	Beaver Creek	41.45 40	P	P	20 50 59.5 +1.0
	L27K	baz=278,SNR=24				
	BCAR	Beaver Creek A	41.47 40	P	P	20 50 59.5 +0.9
	BCAR	baz=278,SNR=11				
	DGZ	Jazzator, Alta	41.49 300	eP	pmax	20 51 01.4 +2.4
	DGZ	comp=Z,1.0nm,0.6s			pmax	
	M27K	Edge Creek, AK	41.53 41	P	P	20 50 60.0 +0.8
	M27K	baz=279,SNR=8.1				
	EGAK	Eagle	41.54 37	P	I Amb	20 50 58.9 -0.1
	EGAK	comp=Z,11nm,1.1s			I Amb	20 50 59.9
	EGAK	Eagle	41.54 37	P	P	20 50 59.0 -0.1
	EGAK	baz=276				
	ZAAO	Zalesovo Array	41.79 306	PcP	PcP	20 52 56.2 -0.1
	ZAAO	comp=Z,0.7nm,0.3s, baz=79,slow=7.4,SNR=4.4			PcP	20 50 59.9 -1.3
	ZALV	Zalesovo Beam	41.79 306	iP	pmax	20 52 56.6 +0.3
	ZALV	comp=Z,4.4nm,0.6s, baz=73,slow=3.1,SNR=18			LR	21 08 26.2
	ZALV	Zalesovo Beam	41.79 306	iP	pmax	20 51 02.5 +1.3
	ZALV	comp=Z,62nm,21.2s, baz=70,slow=3.1			LR	
	ZALV	Zalesovo Beam	41.79 306	iP	P	20 51 00.6 -0.6
	ZALV	comp=Z,1.0nm,0.3s			P	20 52 56.2 -0.1
	BARN	Barnard Glacie	41.84 43	P	I Amb	20 51 02.5 +0.7
	BARN	comp=Z,10nm,0.8s			I Amb	20 51 04.0
	MESA	Mesa	41.86 44	P	P	20 51 02.6 +0.6
	MESA	baz=281				
	YAH	Yahthe	41.92 44	P	P	20 51 03.0 +0.4
	YAH	comp=Z,11nm,1.1s				
	CTG	Chitna Glacier	42.01 43	P	P	20 51 03.8 +0.7
	CTG	baz=280,SNR=6.9				
	CTGM	Chitna Glacier	42.01 43	P	P	20 51 03.0 -0.2
	CTGM	comp=Z,11nm,1.1s				
	LOGN	Logan Glacier	42.20 43	P	P	20 51 04.5 -0.2
	LOGN	comp=Z,11nm,1.1s				
	TABL	Table Mountain	42.20 43	P	I Amb	20 51 04.7 -0.1
	TABL	comp=Z,9.8nm,0.6s			I Amb	20 51 20.9
	PINM	Pinacle	42.70 44	P	P	20 51 09.6 +0.9
	PINM	baz=282				
	KMI	Kumming	42.84 258	↑P	pP	20 51 11.0 +0.6
	KMI	comp=Z,14nm,0.8s			pP	20 51 26.3 +1.0
	KMI	Kumming	42.84 258	↑P	sP	20 51 32.3 +0.2
	KMI	comp=Z,14nm,0.8s			pmax	
	EPYK	Eagle Plains	43.17 34	P	I Amb	20 51 12.8 +0.5
	EPYK	comp=Z,17nm,0.9s			I Amb	20 51 14.1
	EPYK	Eagle Plains	43.17 34	P	P	20 51 12.2 -0.1
	EPYK	baz=278,SNR=12				
	WMQ	Urumqi	43.49 291	eP	pmax	20 51 16.9 +1.7
	WMQ	comp=Z,16nm,0.7s			pmax	
	WMQ	Urumqi	43.49 291	eP	pmax	20 51 19.7 +1.5
	WMQ	comp=Z,14nm,0.4s			I Amb	20 51 35.5
	HYT	Haines Junctio	43.87 42	P	P	20 51 20.4 +0.7
	HYT	comp=Z,5.6nm,0.8s, baz=294,slow=6.0,SNR=4.8				
	INK	Inuvik	44.10 31	P	P	20 51 20.1 +0.4
	INK	comp=Z,5.6nm,0.8s, baz=294,slow=6.0,SNR=4.8				
	INK	Inuvik	44.10 31	P	P	20 51 20.1 +0.4
	INK	baz=279,SNR=5.5				
	WHY	Whitehorse	45.16 42	P	P	20 51 29.4 +1.0
	WHY	baz=286				
	MK31	Makanchi Array	45.75 297	P	P	20 51 32.0 -1.1
	MK31	comp=Z,2.0nm,0.7s			pmax	20 53 09.6
	MK31	Makanchi Array	45.75 297	P	PcP	20 51 32.0 -1.1
	MK31	comp=Z,2.0nm,0.7s			PcP	20 53 09.6 -0.3

MKAR	Makanchi Array	45.75 297	P	P	20 51 32.9 -0.2
MKAR	comp=Z,1.2nm,0.5s, baz=75,slow=8.2,SNR=20				
MKAR	Makanchi	45.75 297	PcP	PcP	20 53 10.2 +0.2
MKAR	comp=Z,2.0nm,0.6s, baz=236,slow=0.8,SNR=8.2				21 11 46.8
MKAR	Makanchi	45.75 297	P	P	20 51 32.0 -1.1
MKAR	comp=Z,1.75nm,18.4s, baz=84,slow=38				
MKAR	Makanchi Array	45.75 297	PcP	PcP	20 53 09.0 -0.1
MKAR	comp=Z,2.0nm,0.6s, baz=236,slow=0.8,SNR=8.2				
MAKZ	Makanchi	45.94			

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KOPF, GURO, ANFM, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TX32, TXAR, Lajitas Array, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VNA1, NEIC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BKZ, HIZ, TUWZ, etc.

SLM 07 21:23:39.1±1.2, 35.364N, 0°10'0.08W, 0.01, h4km, 7km, Md=0.8/43, mb_Lg2 8/81(NEIC), Error ellipse: s-maj=2.0km s-min=1.2km az=53.0

ANF 07 21:23:39.2±0.3, 35.363N, 90°08'W, h6km, 2km, ML3.2/17, Error ellipse: s-maj=2.3km s-min=1.8km az=5.0

NEIC 07 21:23:39.5±1.1, 35.370N, 0°00'7.06W, 0.01, h8km, 6km, Error ellipse: s-maj=1.8km s-min=1.0km az=76.0

ISC 07 21:23:39.9, 35.377N, 0°02.907W, 0.02, h12km, 6km, n129, a0975/119, Arkansas

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SFTN, HDBT, RDST, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WWT, T45B, T45B, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KAN12, L40A, P51A, etc.

DJA 07 21:40:37.2±0.3, 4°S, 4°13'E, h104km, 10km, M4.4/9, mb4.4/6, MLV4.4/9, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KMPI, SRPI, BIak, etc.

TUL 07 21:43:03.1±1.7, 35.94N, 0°01'97.08W, 0.02, h5km, 4km, ML3.0, mb_Lg2 8/49(NEIC), Error ellipse: s-maj=2.8km s-min=1.6km az=116.0

NEIC 07 21:43:03.2±1.2, 35.96N, 0°01'97.09W, 0.02, h6km, 4km, Error ellipse: s-maj=2.2km s-min=1.7km az=120.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like OK031, OK031, OK005, etc.

JMA 07 21:43:27.0, 38.99N, 141.75E, h68km, 1km, M4.0, Joe's South For comp=Z, 15nm, 0.8s

Azm185.0000°; P Plg15.0000°; Azm289.0000°;
 JMA Felt II J1
 NEIC 07 21:43:27.2-1.9,39°02'N,0°04'14.176E,0.09,h66km,8km,
 mb4.4/24 Error ellipse: s-maj=11.5km s-min=1.4km
 az=117.0
 IDC 07 21:43:27.9-2.0,38°58'N,141°16'E,h78km,18km,mb3.6/15,
 mb1 3.8/20,mb1mx3.6/53,mbtmp3.9/20,MS2.4/3,
 Ms1 2.4/3,ms1mx2.3/36,Error ellipse: s-maj=17.2km
 s-min=13.8km az=96.0
 NIED 07 21:43:27.0,38°99'N,141°75'E,h68km,MW3.9,Moment
 Tensor Solution, s3 Moment tensor: Scale 10¹⁴Nm;
 Mw3.93; Mw=1.52; Mo=1.93; Mo=4.15; Mw=2.95;
 Fault plane solution: Nk25.0000x10¹⁴ NP1:
 p=191.0000°,s=55.0000°,t=61.0000°. NP2:p=55.0000°,
 s=44.0000°,t=125.0000°.
 ISC 07 21:43:26.7-0.7,38°99'N,0°04'14.180E,0.06,h67km,5km,
 n91,±13/100,mb4.2/26,6C-4D,Near east coast of
 eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Op	ISC	h	m	s	ISC	
OFUJ	Ofunato	0.14	311	Op	21 43 37.0	+0.2
OFUJ				S	21 43 44.2	+0.1
OFUJ				Sn	21 43 37.8	+0.1
OFUJ				S	21 43 45.5	-0.2
OFUJ				Sn	21 43 38.7	-0.2
OFUJ				S	21 43 47.3	-0.4
OFUJ				Sn	21 43 40.7	+0.1
OFUJ				S	21 43 50.8	0.0
OFUJ				Sn	21 43 40.7	-0.1
OFUJ				S	21 43 50.6	-0.5
OFUJ				Sn	21 43 47.4	-0.3
OFUJ				S	21 43 58.5	-0.1
OFUJ				Sn	21 44 06.4	-0.7
OFUJ				S	21 44 00.1	-0.6
OFUJ				Sn	21 44 01.0	-0.2
OFUJ				S	21 43 49.4	-0.5
OFUJ				Sn	21 44 06.5	-0.7
OFUJ				S	21 43 49.5	-0.5
OFUJ				Sn	21 44 04.0	-0.4
OFUJ				S	21 44 07.9	-0.1
OFUJ				Sn	21 43 50.0	0.0
OFUJ				S	21 43 52.0	+0.4
OFUJ				Sn	21 44 11.0	+1.0
OFUJ				S	21 43 52.8	+0.3
OFUJ				Sn	21 44 12.0	+0.4
OFUJ				S	21 43 57.2	+0.4
OFUJ				Sn	21 44 14.3	-0.3
OFUJ				S	21 44 10.0	-0.3
OFUJ				Sn	21 44 12.0	+0.4
OFUJ				S	21 44 14.8	+0.3
OFUJ				Sn	21 44 22.6	+0.5
OFUJ				LR	21 45 32.2	
OFUJ				Sn	21 44 21.9	-0.4
OFUJ				P	21 44 23.8	+1.6
OFUJ				Sn	21 45 08.2	+3.0
OFUJ				Sn	21 44 23.3	+1.1
OFUJ				Sn	21 44 24.1	+1.9
OFUJ				Sn	21 44 38.8	+0.9
OFUJ				Sn	21 44 41.2	-0.1
OFUJ				Sn	21 45 36.4	-3.1
OFUJ				LR	21 47 01.5	
OFUJ				Sn	21 44 41.2	-0.1
OFUJ				Sn	21 44 55.4	+0.6
OFUJ				Sn	21 45 58.1	-1.1
OFUJ				Sn	21 44 58.0	+0.9
OFUJ				Sn	21 45 21.4	+1.0
OFUJ				Sn	21 45 25.6	+1.6
OFUJ				Sn	21 45 34.7	+0.7
OFUJ				Sn	21 45 33.1	-0.8
OFUJ				Sn	21 45 33.4	-0.6
OFUJ				Sn	21 45 53.6	-2.2
OFUJ				Sn	21 45 57.7	+0.5
OFUJ				Sn	21 46 02.4	+0.8
OFUJ				LR	21 50 09.6	
OFUJ				P	21 47 52.0	+0.5
OFUJ				P	21 48 10.2	+0.1
OFUJ				P	21 48 43.3	+1.0
OFUJ				P	21 49 02.1	-0.3
OFUJ				P	21 49 10.3	+0.2
OFUJ				Iamb	21 49 12.4	
OFUJ				Iamb	21 49 10.3	
OFUJ				T	21 49 45.2	
OFUJ				T	21 49 49.7	
OFUJ				T	21 49 19.1	
OFUJ				T	22 20 50.0	
OFUJ				T	22 20 50.1	
OFUJ				T	22 20 49.7	
OFUJ				P	21 51 01.5	-0.2
OFUJ				P	21 51 01.3	-0.4
OFUJ				P	21 51 21.7	-0.6
OFUJ				P	21 51 21.8	-0.6
OFUJ				P	21 51 23.9	-1.0
OFUJ				P	21 51 39.5	-0.1
OFUJ				Iamb	21 51 25.4	+1.0
OFUJ				Iamb	21 51 26.4	+0.9
OFUJ				Iamb	21 51 28.4	
OFUJ				P	21 51 33.7	+0.1
OFUJ				P	21 51 35.3	+0.1
OFUJ				P	21 51 35.3	-0.5
OFUJ				P	21 51 44.5	+0.4
OFUJ				Iamb	21 51 47.2	
OFUJ				P	21 51 52.2	+0.6
OFUJ				Iamb	21 51 54.0	
OFUJ				P	21 51 56.5	+0.4
OFUJ				P	21 51 56.5	+0.4
OFUJ				P	21 51 57.0	+0.8
OFUJ				P	21 51 56.2	+0.1
OFUJ				P	21 51 51.4	+1.0
OFUJ				Iamb	21 52 02.6	
OFUJ				P	21 52 04.0	+1.8
OFUJ				P	21 52 09.0	-1.2
OFUJ				P	21 52 15.2	+0.4
OFUJ				P	21 52 15.6	+0.8
OFUJ				Iamb	21 52 21.7	
OFUJ				P	21 52 15.8	-0.4
OFUJ				Iamb	21 52 19.5	
OFUJ				P	21 52 27.8	+1.3
OFUJ				Iamb	21 52 29.0	
OFUJ				P	21 52 32.2	-0.1
OFUJ				P	21 52 32.5	0.0
OFUJ				P	21 52 32.9	+0.4
OFUJ				Iamb	21 52 34.9	
OFUJ				P	21 52 42.8	+0.1
OFUJ				P	21 53 09.3	-0.3
OFUJ				P	21 53 09.3	-0.3

MOBC	Moresby Island	57.92	45	P	21 53 12.3	+0.5
WB0	Warramunga Arr	58.86	188	P	21 53 17.8	-0.6
WB0				Iamb	21 53 18.3	
				Iamb	21 53 24.3	
WRA	Warramunga Arr	59.04	188	P	21 53 19.0	-0.7
WRA	Warramunga Arr	59.04	188	Iamb	21 53 19.7	
BBB	Bella Bella	60.46	45	P	21 53 30.2	+1.1
ASAR	Alice Springs	62.76	188	P	21 54 43.8	-1.2
				P	21 54 13.0	-0.5
FINES	FINES Array B	67.32	337	P	21 55 03.3	+1.7
NB2	NORSAR Subarra	72.51	337	P	21 54 45.0	-0.9
NOA	NORSAR Array B	72.51	337	P	21 55 08.1	+0.7
PDAR	Pinedale Array	76.08	46	P	21 55 26.0	-0.1
CLL	Collim	79.56	337	P	21 56 13.9	+0.9
TXAR	Lajitas Array	88.69	53	P	22 02 58.0	+0.9
LPAZ	La Paz	145.41	58	PKPbc	22 02 58.4	0.0
				PKPab	22 02 58.4	0.0

BUI 07 22:00:13.9-0.0,36°15'N,70°35'E,h108km,mb4.9/8,
 mb4.4/17
 IDC 07 22:00:14.6-2.6,35°90'N,70°63'E,h94km,23km,mb3.8/18,
 mb1 3.9/24,mb1mx3.7/45,mbtmp4.2/24,MS2.6/1,
 Ms1 2.6/1,ms1mx2.2/40,Error ellipse: s-maj=17.5km
 s-min=11.8km az=165.0
 MOS 07 22:00:15.9-1.0,36°13'N,70°64'E,h109km,mb4.4/10,Error
 ellipse: s-maj=8.3km s-min=4.2km az=80.0
 NEIC 07 22:00:17.3-2.2,36°10'N,0°04'70.46E,0.07,h104km,7km,
 mb4.4/36,Error ellipse: s-maj=8.3km s-min=6.1km
 az=109.0
 NNC 07 22:00:24.9-3.3,36°75'N,70°46'E,h121km,115km,mb4.0,
 mpv4.8,Error ellipse: s-maj=84.4km s-min=48.9km
 az=176.0
 ISC 07 22:00:16.3-0.4,36°02'N,0°04'70.63E,0.04,h110km,m213,
 ±191/1238,Hindu Kush region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Op	ISC	h	m	s	ISC	
KBL	Kabul	1.96	222	PN	22 00 50.0	+0.9
KBL				Sn	22 01 14.8	
KBL				Sn	22 00 50.0	+0.9
KBL				Sn	22 01 14.8	+0.8
CEP	Cherat	2.42	154	S	22 00 56.7	+1.8
CEP				Sn	22 01 27.0	+2.5
CHGR	Chuyangaron	2.89	336	S	22 01 02.1	-0.1
GAR	Garm	2.99	355	Pn	22 01 06.8	+1.9
NIL	Nilore	3.19	137	PN	22 01 06.8	+1.9
NIL				Pn	22 01 06.8	+1.9
CHCP	Chirah Chowk	3.20	137	P	22 01 06.8	+1.9
THW	Thamme Wali	3.34	164	P	22 01 08.1	+1.2
DRK	Druk	3.58	15	0	22 01 11.3	+1.0
BTK	Batken	4.04	2	PN	22 01 17.0	+0.8
BTK				Pn	22 01 17.0	+0.8
KSH	Kashi	5.49	49	P	22 01 32.3	-3.3
KSH				S	22 02 28.5	-9.2
KSH				smax		
KSH				smax		
IUG	luzhnyay	6.14	356	eP	22 01 43.7	-0.9
IUG				eS	22 02 07.7	-4.8
IUG				eP	22 01 43.7	-0.9
IUG				eS	22 02 57.2	-1.1
AML	Almayasay	6.55	20	P	22 01 50.2	-0.2
AML				P	22 01 50.3	-0.2
DZA	Taraz	6.89	4	eP	22 01 53.7	-0.9
DZA				eS	22 03 07.0	-4.6
UCH	Uchter	6.90	25	eP	22 01 53.7	-0.9
UCH				eP	22 01 54.8	-0.4
KZA	Kyzart	7.04	29	Pn	22 01 56.5	-0.5
HRA	Herat	7.06	259	Pn	22 01 55.5	-1.7
EKS2	Erdin-Say	7.07	19	P	22 01 57.1	-0.1
KK31	Karatay Array	7.08	359	P	22 01 56.0	-1.3
KK31				Sn	22 03 10.9	-5.2
KK31				Sn	22 01 56.1	-1.1
KK31				Sn	22 01 56.1	-1.1
KKAR	Karatay Array	7.08	359	PN	22 01 56.1	-1.1
KKAR				PN	22 01 56.1	-1.1
KKAR				PN	22 01 55.9	-1.0
KKAR				PN	22 01 56.1	-1.1
AAK	Ala-Archa	7.26	23	P	22 01 59.8	+0.1
AAK				Sn	22 03 17.6	-3.1
AAK				P	22 01 59.9	+0.1
AAK				P	22 01 59.6	-0.2
AAK				iPn	22 01 59.7	-0.1
AAK				pmax		
AAK				pmax		
SMLA	Simla	7.31	130	eP	22 01 59.8	-0.6
SMLA				eS	22 03 19.4	-2.4
SMLA				IAML	22 03 21.3	
KBK	Karagaybulak	7.42	25	P	22 02 02.6	+0.6
ULHL	Ulhol	7.59	33	P	22 02 04.4	0.0
BOOM	Boomsokoye usch	7.66	31	PN	22 02 05.2	-0.1
BOOM				Pn	22 02 05.2	-0.1
CHMS	Chumyshy	7.66	23	Pn	22 02 04.8	-0.4
USP	Ospenovka	7.83	21	P	22 02 06.5	-0.9
TKM2	Tokmak 2	7.89	28	P	22 02 08.0	-0.4
TARG	Taragay, Kyrgy	7.99	42	PN	22 02 10.4	+0.5
SGDS	Sogindny	8.04	21	iP	22 02 08.9	-1.3
SGDS				eS	22 03 34.8	-4.7
DDI	Dehra Dun	8.42	130	eP	22 02 15.2	-0.4
DDI				eS	22 03 47.7	-4.2
DDI				IAML	22 03 47.3	
AAA	Alma-Ata	8.66	32	eP	22 02 18.9	+0.1
AAA				eS	22 03 53.3	-1.4
AAA				eP	22 02 18.8	+0.1
MDOK	Medeo	8.68	33	eP	22 02 18.9	+0.1
MDOK				Sn	22 03 59.3	-3.4</

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

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

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

IDC 07 22:13:09.2:1.3, 38:57N:70:43E, h0km, mb3.7/4, mb1 3.8/8, mb1mx3.5/47, mbmtmp3.8/8, ML3.6/5, MS3.0/1, Ms1 2.8/1, ms1mx2.3/35, Error ellipse: s-maj=25.3km, s-min=12.5km, az=147.0

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMTA, JTT3, etc.

ISK 07 22:24:08.5, 36:69N-27:20E, h4km, ML2.2/16, ATH 07 22:24:08.9, 36:70N-27:18E, h11km, ML2.4/5, Error ellipse: s-maj=1.1km s-min=1.3km az=226.0

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

7d 22h

2015 AUG

ellipse: s-maj=0.7km s-min=0.7km az=90.0

ISC 07:22:25.02.1.0.8,41.23N,0.02.20.05E,0.02,h14km,gkm,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Tirane, Peshkopia, Korca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Sjenica, Barje, Uvac-Piva, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Boulder Array, Main Array, Keskin Array, etc.

R32A	Long Quarter,	2.71 326	Pn	Pn	01 48 54.6 +1.1
R32A	Long Quarter,	2.71 326	P	Pn	01 48 53.7 +0.2
R32A	baz=144		S	Sn	01 49 27.9 +1.1
R32A	Long Quarter,	2.71 326	P		01 48 53.7
R32A	baz=144		S		01 49 27.9
Z35A	Perschaves, San	2.86 188	Pn	Pn	01 48 55.8 +0.3
KSU1	Kansas State U	2.92 3	I	Amb_Lg	01 48 57.5 +1.1
KSU1	comp=Z,15nm,0.8s				01 49 47.2
MIAR	Mount Ida	3.10 121	Pn	Pn	01 48 58.8 0.0
MIAR	Mount Ida	3.10 121	Pn	Pn	01 48 59.5 +0.8
MIAR	Mount Ida	3.10 121	P		01 48 59.5
S39A	Bolivar	3.17 60	Pn	Pn	01 48 59.6 -0.2
S39A	comp=Z,31nm,0.9s		I	Amb_Lg	01 49 55.3
U40A	Yellville	3.19 86	Pn	Pn	01 49 00.5 +0.4
U40A	Yellville	3.19 86	P	Pn	01 49 00.3 +0.2
U40A	Yellville	3.19 86	P		01 49 00.3
U40A	Yellville	3.19 86	P		01 49 00.3
U40A	Yellville	3.19 86	P		01 49 00.3
Z38A	Mt. Pleasant	3.27 152	I	Amb_Lg	01 49 58.3
X40A	Basin Creek Fa	3.65 116	Pn	Pn	01 49 06.8 +0.3
MGMO	Mountain Grove	3.77 74	Pn	Pn	01 49 07.0 -1.1
MGMO	MGMO		I	Amb_Lg	01 49 53.1 +0.2
MGMO	comp=Z,21nm,0.7s				01 50 07.1
WHAR	Woolly Hollow	3.77 102	Pn	Pn	01 49 08.8 +0.7
WHAR	comp=Z,13nm,0.7s		I	Amb_Lg	01 50 17.8
FCAR	Ozark Folk Cen	3.80 93	Pn	Pn	01 49 08.0 -0.4
FCAR	comp=Z,14nm,0.7s		I	Amb_Lg	01 50 12.0
W41B	Gary Mavity, V	3.84 104	P	Pn	01 49 09.4 +0.4
W41B	baz=287,SNR=13		S	Sn	01 49 54.5 +0.1
W41B	Gary Mavity, V	3.84 104	P		01 49 09.4
W41B	baz=287,SNR=13		S		01 49 54.5
W41B	Gary Mavity, V	3.84 104	P		01 49 09.4
W41B	baz=287,SNR=13		S		01 49 54.5
AMTX	Amarillo	4.18 253	I	Amb_Lg	01 50 19.6 -4.0
AMTX	comp=Z,21nm,0.8s				01 50 27.4
R40A	Maddies Statio	4.19 58	Pn	Pn	01 49 13.2 -0.6
R40A	comp=Z,14nm,0.8s		I	Amb_Lg	01 50 27.1
R40A	Maddies Statio	4.19 58	S	Sn	01 50 03.2 +0.2
R40A	Maddies Statio	4.19 58	S		01 50 03.2
P38A	Dawn	4.30 36	Pn	Pn	01 49 15.0 -0.4
LCAR	Lake Charles	4.57 90	Pn	Pn	01 49 17.5 -1.5
LCAR	comp=Z,10.0nm,0.8s		I	Amb_Lg	01 50 28.6 +3.3
LCAR	Lake Charles	4.57 90	Pn	Pn	01 50 34.2
T42A	Van Buren	4.67 78	I	Amb_Lg	01 50 34.8
T42A	Van Buren	4.67 78	P	Pn	01 49 20.1 -0.3
T42A	Van Buren	4.67 78	P		01 49 20.1
N35A	Tabor	4.77 11	I	Amb_Lg	01 50 48.2
CCM	Cathedral Cave	4.82 65	Pn	Pn	01 49 22.7 +0.2
CCM	comp=Z,18nm,0.8s		I	Amb_Lg	01 50 35.9 +3.5
CCM	Cathedral Cave	4.82 65	Pn	Pn	01 50 42.1
HBAR	Harrisburg	5.03 95	I	Amb_Lg	01 50 50.1
P40A	Paris	5.04 47	Pn	Pn	01 49 24.5 -0.9
P40A	comp=Z,27nm,0.9s		I	Amb_Lg	01 50 50.2
PBMO	Poplar Bluff	5.17 81	I	Amb_Lg	01 51 03.3
PBMO	comp=Z,16nm,0.8s		I	Amb_Lg	01 51 03.3
MSTX	Muleshoe	5.37 248	Pn	Pn	01 49 30.5 +0.4
N38A	Joess South For	5.39 30	I	Amb_Lg	01 51 11.9
N38A	comp=Z,7.7nm,0.8s		I	Amb_Lg	01 51 11.9
L34A	Svendsen Farm,	5.79 3	I	Amb_Lg	01 51 25.6
L34A	comp=Z,16nm,0.7s		I	Amb_Lg	01 51 25.6
T25A	Trinidad	6.19 281	Pn	Pn	01 49 41.9 +0.4
S44A	Carbondale	6.23 74	Pn	Pn	01 49 40.2 -1.6
W45A	Hickory Valley	6.28 97	I	Amb_Lg	01 51 36.6
N41A	Harden Midland	6.50 44	Pn	Pn	01 49 45.7 +0.2
N41A	comp=Z,18nm,0.8s		I	Amb_Lg	01 51 36.3
Q44A	Meyer Farm, Va	6.76 64	Lg		01 51 43.5
Q44A	Mansfield	7.67 56	I	Amb_Lg	01 52 09.8
L42A	Oliver, Polo	8.04 41	I	Amb_Lg	01 52 21.2
L42A	comp=Z,15nm,0.7s		I	Amb_Lg	01 52 21.2
P46A	Rosedale	8.32 63	I	Amb_Lg	01 52 49.8
P46A	comp=Z,16nm,0.8s		I	Amb_Lg	01 52 49.8
PHWY	Pilot Hill	8.48 310	I	Amb_Lg	01 52 53.0
PHWY	comp=Z,3nm,1.2s		I	Amb_Lg	01 52 53.0
SFIN	Lafayette	8.71 58	I	Amb_Lg	01 52 42.8
SFIN	comp=Z,11nm,0.8s		I	Amb_Lg	01 52 42.8

TAP 08:01:50:17.0,24:81N:121:90E,h92km,ML3.6,3C-1D,D,

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
NTC	Toucheng	0.07 304	eP		Pn	01 50 30.3 +0.4	
NTC	Toucheng			eS	Sn	01 50 39.8 +0.2	
ILA	Ilan	0.14 250	P		Sn	01 50 30.5 +0.4	
ILA	Ilan			S	Sn	01 50 40.2 +0.4	
NHDH	Xindian Distri	0.37 294	eP		Pn	01 50 31.3 +0.2	
NHDH	Xindian Distri			eS	Sn	01 50 41.8 +0.3	
NHY	Taipei	0.37 307	P		Pn	01 50 31.3 +0.2	
NHY	Taipei			S	Sn	01 50 41.9 +0.3	
TAP1	Taipei	0.41 304	P		Pn	01 50 31.5 +0.2	
TAP1	Taipei			S	Sn	01 50 42.2 +0.3	
TAP	Taipei	0.42 302	P		Pn	01 50 31.7 +0.3	
TAP	Taipei			S	Sn	01 50 42.2 +0.1	
BACT	New Taipei Cit	0.45 294	P		Pn	01 50 31.9 +0.3	
BACT	New Taipei Cit			S	Sn	01 50 42.9 +0.4	
NTST	Danshui	0.54 311	P		Pn	01 50 32.9 +0.6	
NTST	Danshui			S	Sn	01 50 44.0 +0.3	
NTY	Taoyuan	0.57 289	eP		Pn	01 50 33.3 +0.7	
NTY	Taoyuan			eS	Sn	01 50 45.5 +1.3	
NACB	Ninganchiao	0.69 203	eP		Pn	01 50 34.1 +0.4	
NACB	Ninganchiao			eS	Sn	01 50 46.4 +0.3	
ETL	Fush Village	0.70 201	eP		Pn	01 50 34.3 +0.5	
ETL	Fush Village			eS	Sn	01 50 46.6 +0.4	
ETLH	Xiulin Townshi	0.71 212	P		Pn	01 50 33.4 -0.6	
ETLH	Xiulin Townshi			eS	Sn	01 50 46.2 -0.4	
NJD	Zhudong	0.74 264	eP		Pn	01 50 34.7 +0.6	
NJD	Zhudong			eS	Sn	01 50 47.0 +0.2	
HSN1	Hsinchu	0.80 268	P		Pn	01 50 35.3 +0.6	

HSN1	baz=267		S	Sn	01 50 48.6 +0.7
FUSS	Fushou	0.82 227	↑P	Pn	01 50 35.6 +0.4
FUSS	Fushou		eS	Sn	01 50 49.7 +0.9
NSTT	Nanjuang	0.83 258	P	Pn	01 50 35.1 +0.1
NSTT	Nanjuang		S	Sn	01 50 48.6 0.0
HSN	Hsinchu	0.84 269	P	Pn	01 50 35.2 +0.1
HSN	Hsinchu		S	Sn	01 50 48.3 -0.4
TWT	Tachien	0.86 230	P	Pn	01 50 36.1 +0.5
TWT	Tachien		eS	Sn	01 50 50.5 +1.1
TDCB	Techi	0.87 230	↑P	Pn	01 50 36.2 +0.5
TDCB	Techi		S	Sn	01 50 49.9 +0.3
HWA	Hwaiien	0.88 198	P	Pn	01 50 36.2 +0.7
HWA	Hwaiien		S	Sn	01 50 49.6 +0.3
WHF	Hehuan Shan	0.88 221	eP	Pn	01 50 36.5 +0.4
WHF	Hehuan Shan		eS	Sn	01 50 50.4 +0.2
ETM	Tongmen	0.92 204	eP	Pn	01 50 36.5 +0.4
ETM	Tongmen		eS	Sn	01 50 51.0 +0.7
NJN	Zhunan	0.94 262	P	Pn	01 50 37.0 +0.8
NJN	Zhunan		S	Sn	01 50 51.2 +0.6
NJN	Zhunan		P	Pn	01 50 37.9 +0.7
WHP	Taichung City	1.02 239	P	Pn	01 50 37.9 +0.7
WHP	Taichung City		S	Sn	01 50 52.7 +0.4
OWD	Renai	1.08 218	eP	Pn	01 50 38.3 +0.4
OWD	Renai		eS	Sn	01 50 53.7 +0.1
ESL	Shilin	1.08 203	P	Pn	01 50 38.3 +0.4
ESL	Shilin		S	Sn	01 50 54.0 +0.5
NSY	Sanyi	1.11 249	P	Pn	01 50 38.5 +0.4
NSY	Sanyi		S	Sn	01 50 55.0 +1.0
WPL	Puli Township	1.17 227	eP	Pn	01 50 39.6 +0.7
WPL	Puli Township		eS	Sn	01 50 56.3 +1.0
WCS	Beigang Elemen	1.17 230	eP	Pn	01 50 39.3 +0.4
WCS	Beigang Elemen		eS	Sn	01 50 55.3 0.0
DPDB	Guoxing	1.18 229	eP	Pn	01 50 39.7 +0.7
DPDB	Guoxing		eS	Sn	01 50 56.1 +0.6
EGFH	Guangfu	1.22 201	eP	Pn	01 50 40.2 +0.7
EGFH	Guangfu		S	Sn	01 50 56.9 +0.6
TCU	Taichung	1.29 239	eP	Pn	01 50 41.0 +0.6
TCU	Taichung		eS	Sn	01 50 58.4 +0.4
SMLT	Sun Moon Lake	1.30 225	↑P	Pn	01 50 41.1 +0.6
SMLT	Sun Moon Lake		eS	Sn	01 50 58.7 +0.5
TYC	Yuchr	1.31 226	P	Pn	01 50 41.1 +0.5
TYC	Yuchr		S	Sn	01 50 59.3 +1.0
SSLB	Suanglung	1.33 220	↓P	Pn	01 50 41.4 +0.4
SSLB	Suanglung		S	Sn	01 50 59.6 +0.7
WWF	Wufeng	1.33 235	eP	Pn	01 50 41.1 +0.3
WWF	Wufeng		S	Sn	01 50 59.6 +0.8
HGSD	Ruisui	1.39 198	eP	Pn	01 50 40.8 -0.7
HGSD	Ruisui		eS	Sn	01 51 00.5 +0.6
EHY	Hunye	1.40 202	eP	Pn	01 50 42.2 +0.4
EHY	Hunye		eS	Sn	01 51 00.9 +0.5
WCHH	Zhanghua	1.42 239	eP	Pn	01 50 42.8 +0.9
WCHH	Zhanghua		S	Sn	01 51 01.4 +0.7
WNT1	Nantou City	1.43 231	eP	Pn	01 50 43.1 +1.1
WNT1	Nantou City		eS	Sn	01 51 02.2 +1.2
WNT	Mingjian	1.45 230	P	Pn	01 50 42.5 +0.3
WNT	Mingjian		S	Sn	01 51 01.7 +0.4
WJS	Zhushan	1.45 227	eP	Pn	01 50 42.7 +0.4
WJS	Zhushan		eS	Sn	01 51 02.2 +0.8
WHYT	Xinyi Township	1.46 221	eP	Pn	01 50 43.3 +0.8
WHYT	Xinyi Township		eS	Sn	01 51 02.5 +0.7
WYL	Yuanlin Townsh	1.47 235	eP	Pn	01 50 43.4 +0.8
WYL	Yuanlin Townsh		eS	Sn	01 51 02.4 +0.6
YULB	Yu-li	1.52 201	eP	Pn	01 50 44.0 +0.9
YULB	Yu-li		eS	Sn	01 51 03.5 +0.6
EYUL	Yuli	1.55 200	eP	Pn	01 51 04.7 +0.1
EYUL	Yuli		eS	Sn	01 51 04.3 +1.0
TWF1	Whitehorse	1.56 201	eP	Pn	01 50 44.6 +1.0
TWF1	Whitehorse		eS	Sn	01 51 04.5 +0.8
CHNS	Tsuling	1.65 223	eP	Pn	01 50 46.1 +1.2
CHNS	Tsuling		eS	Sn	01 51 06.2 +0.3
WGK	Gukeng	1.66 228	eP	Pn	01 50 45.6 +0.7
WGK	Gukeng		eS	Sn	01 51 06.3 +0.3
WRL	Guoierlin Hig	1.66 237	eP	Pn	01 50 45.4 +0.5
WRL	Guoierlin Hig		eS	Sn	01 51 06.7 +0.6
WDLH	Douliu	1.67 228	eP	Pn	01 50 45.6 +0.5
WDLH	Douliu		eS	Sn	01 51 07.1 +0.8
FULB	Fuli	1.70 199	eP	Pn	01 50 46.3 +0.8
FULB	Fuli		eS	Sn	01 51 07.7 +0.7
WTK	Tuku	1.77 231	eP	Pn	01 50 46.5 +0.2
WTK	Tuku		eS	Sn	01 51 08.9 +0.2
ELDTW	Lidau	1.81 207	eP	Pn	01 50 48.0 +1.0
ELDTW	Lidau		eS	Sn	01 51 10.0 +0.3
ECS	Chishang	1.82 200	eP	Pn	01 50 48.1 +1.1
ECS	Chishang		eS	Sn	01 51 10.2 +0.4
CHY	Chiyi	1.88 226	eP	Pn	01 50 48.0 +0.2
CHY	Chiyi		eS	Sn	01 50 48.0 +0.2

CHY	baz=225		eS	Sn	01 51 11.5 +0.4
TPUB	Ta-pu	1.90 218	P	Pn	01 50 49.1 +1.1
TPUB	Ta-pu		eS	Sn	01 51 11.7 +0.1
EDH	Donghe	1.91 197	eP	Pn	01 50 48.8 +0.6
EDH	Donghe		eS	Sn	01 51 12.9 +1.0
WSF	Szhu	1.93 233	eP	Pn	01 50 49.3 +0.9
WSF	Szhu		eS	Sn	01 51 13.0 +0.9
WTP	Ta-pu	1.95 217	eP	Pn	01 50 49.6 +0.9
WTP	Ta-pu</				

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like MMRI Maumere, EDFI Edoi, WSI Waingapu, BATI Baunata, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like CM09 Chiang Mai Arr, CM01 Chiang Mai Arr, CM02 Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like TIXI, GSPA South Pole Qui, KBZ Khabaz, etc.

NIC 08 02:43:08.1+0.0, 30.31N+33.76E, h16km, M13.4/4
GII 08 02:43:09.4+0.0, 30.36N+33.82E, h9km, MD3.0/7, Mm2.9/4
ISC 08 02:43:08.4+1.9, 30.33N+0.05, 33.79E+0.08, h11km, 10km,

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

IDC 08 03:07:22.2+4.8, 36.45N+76.76E, h0km, mb3.6/3,
mb1.3/7.4, mb1mx3.3/32, mbtmp3.6/4, ML3.7/1, Error
ellipse: s-maj=89.3km s-min=39.7km az=178.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like AAK Ala-Archa, MKAR Makanchi Arr, MKAR Makanchi Arr, etc.

IDC 08 03:25:18.5+0.8, 34.24S+178.94W, h0km, mb4.5/6,
mb1.4/7.7, mb1mx4.2/23, mbtmp4.6/7, ML4.9/1, MS4.0/10,
M13.4/10, ms1mx3.7/34, Error ellipse: s-maj=27.0km
s-min=26.2km az=27.0

WEL 08 03:25:16.0+0.6, 35.6+17.9W, 1.1, h33km, M4.7/28,
mB5.2/16, ML5.1/28, MLV4.9/28, Mw(mB)4.6/16, Error
ellipse: s-maj=0.0km s-min=0.0km az=115.7

NEIC 08 03:25:29.4+1.6, 34.55S:0.1x180.0W:0.2, h35km, 2km,
mb4.6/14, ML4.7(WEL), Error ellipse: s-maj=23.6km
s-min=20.3km az=308.0

ISC 08 03:25:23.0+0.6, 34.40S:0.06, 178.91W:0.09, h35km, nB5,
i153/106, mb4.6/13, MS4.2/9, South of Kermadec

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

KUZ	Kuatounu	4.96 240	P	Pn	03 26 36.8 +1.6
URZ	Urewera	5.01 219	Pn	Pn	03 26 34.9 -1.1
URZ	14nm, 0.3s, baz=44, slow=2.1, SNR=32		Sn	Sn	03 27 30.6 -2.1
URZ	Urewera	5.01 219	P	Pn	03 26 35.5 -0.5
URZ	Urewera	5.01 219	P	Pn	03 26 34.6 -1.4
URZ	Urewera	5.01 219	P	Pn	03 27 31.9 -0.8
RAGZ	Rawiri	5.05 215	P	Pn	03 26 35.6 -0.9
RIQZ	Rimu	5.06 211	P	Pn	03 27 32.9 -1.7
RIQZ	Rimu	5.06 211	P	Pn	03 26 34.5 -2.2
EDRZ	Edgecumbe	5.10 222	P	Pn	03 26 38.1 +0.8
EDRZ	Edgecumbe	5.10 222	P	Pn	03 27 38.2 +3.2
GLKZ	Green Lake	5.19 10	P	Pn	03 26 32.9 -5.6
GLKZ	Green Lake	5.19 10	P	Pn	03 27 35.4 -1.7
PRGZ	Paritu Road	5.20 209	P	Pn	03 26 38.1 -0.5
PRGZ	Paritu Road	5.20 209	P	Pn	03 27 36.0 -1.2
OMRZ	Omania	5.31 224	P	Pn	03 26 42.1 +2.0
SNQZ	Shannon Statio	5.31 214	P	Pn	03 26 38.1 -2.0
SNQZ	Shannon Statio	5.31 214	P	Pn	03 27 39.0 -1.1
TARZ	Mount Tarawera	5.32 223	P	Pn	03 26 41.7 +1.3
TARZ	Mount Tarawera	5.32 223	P	Pn	03 27 43.5 +3.0
RTZ	Ruatuhuna	5.35 217	P	Pn	03 26 39.5 -1.2
RTZ	Ruatuhuna	5.35 217	P	Pn	03 27 39.6 -1.6
MUGZ	Murupara	5.36 219	P	Pn	03 26 41.6 +1.0
MUGZ	Murupara	5.36 219	P	Pn	03 27 39.6 -1.5
KNZ	Kohoku	5.37 210	P	Pn	03 26 41.7 +1.0
KNZ	Kohoku	5.37 210	P	Pn	03 27 39.1 -2.3
MHGZ	Mahia Peninsula	5.39 207	P	Pn	03 26 40.1 -1.1
MHGZ	Mahia Peninsula	5.39 207	P	Pn	03 27 40.4 -1.6
RRRZ	Republican Road	5.39 222	P	Pn	03 26 41.9 +0.7
RRRZ	Republican Road	5.39 222	P	Pn	03 27 42.7 +1.0
HSRZ	Hossack Road	5.52 224	P	Pn	03 26 44.3 +1.3
RAHZ	Arashi	5.54 214	P	Pn	03 26 43.5 +0.3
RAHZ	Arashi	5.54 214	P	Pn	03 27 44.5 -1.2
PRRZ	Plateau Road	5.57 221	P	Pn	03 26 43.5 -0.2
PRRZ	Plateau Road	5.57 221	P	Pn	03 27 42.5 +0.7
MTHZ	Maungataniwha	5.60 216	P	Pn	03 26 47.2 +0.1
MTHZ	Maungataniwha	5.60 216	P	Pn	03 27 46.7 -0.6
TOZ	Tahuroa Road	5.61 232	P	Pn	03 26 45.4 +1.2
ALRZ	Allen Road	5.64 221	P	Pn	03 26 44.7 -0.0
ALRZ	Allen Road	5.64 221	P	Pn	03 27 46.3 -2.0
WRPZ	Whakapapatarin	5.71 223	P	Pn	03 26 45.9 +0.9
WJZ	Waipoua Caves	5.73 253	P	Pn	03 26 47.1 +1.2
NMHZ	Naumai	5.81 215	P	Pn	03 26 46.8 -0.2
NMHZ	Naumai	5.81 215	P	Pn	03 27 52.2 -0.3
ARHZ	Aropoanui	5.86 213	P	Pn	03 26 46.9 -0.7
ARHZ	Aropoanui	5.86 213	P	Pn	03 27 51.9 -1.6
BKZ	Black Stump Fm	6.02 216	P	Pn	03 26 49.0 -0.9
BKZ	Black Stump Fm	6.02 216	P	Pn	03 26 49.7 -0.2
BKZ	Black Stump Fm	6.02 216	P	Pn	03 27 47.2 -2.9
CKHZ	Cape Kidnapper	6.15 210	P	Pn	03 27 56.4 -4.3
MSVF	Nonsauv	16.82 350	LR	LR	03 34 01.1
PPT	Papeete	31.05 65	LR	LR	03 41 17.5
HNR	Honiara	31.52 317	LR	LR	03 42 19.3
STKA	St Stephens Creek	33.02 263	P	Pn	03 31 56.4 +1.1
STKA	St Stephens Creek	33.02 263	P	Pn	03 34 38.9 +0.4
STKA	St Stephens Creek	33.02 263	P	Pn	03 34 38.9 +0.4
STKA	St Stephens Creek	33.02 263	P	Pn	03 44 52.5
CTA	Charters Tower	33.91 286	P	Pn	03 32 04.3 +1.2
CTA	Charters Tower	33.91 286	P	Pn	03 32 01.6 -1.5
CTA	Charters Tower	33.91 286	P	Pn	03 32 05.5
BBOO	Bucklebo	37.31 259	P	Pn	03 32 31.5 -0.6
BBOO	Bucklebo	37.31 259	P	Pn	03 32 32.0
PMG	Port Moresby	39.80 301	LR	LR	03 47 17.8
AS31	Alice Springs	42.29 272	P	Pn	03 33 11.9 -1.8
ASAR	Alice Springs	42.29 272	P	Pn	03 33 13.1 -0.6
ASAR	Alice Springs	42.29 272	P	Pn	03 35 06.8 -0.2
ASAR	Alice Springs	42.29 272	P	Pn	03 39 28.9 -3.4
ASAR	Alice Springs	42.29 272	P	Pn	03 39 28.9 -3.4
ASAR	Alice Springs	42.29 272	P	Pn	03 50 15.3
ASAR	Alice Springs	42.29 272	P	Pn	03 33 11.9 -1.8
WB2	Warramunga Arr	43.63 277	P	Pn	03 33 24.0 -0.6
WB2	Warramunga Arr	43.63 277	P	Pn	03 33 27.7
WRA	Warramunga Arr	43.64 277	P	Pn	03 33 24.3 -0.4
WRA	Warramunga Arr	43.64 277	P	Pn	03 35 10.9 -0.7
WRA	Warramunga Arr	43.64 277	P	Pn	03 33 23.0 -1.6
WB0	Warramunga Arr	43.68 277	P	Pn	03 33 23.6 -1.3
WB0	Warramunga Arr	43.68 277	P	Pn	03 33 25.5
FORT	Fort Casey	44.41 259	P	Pn	03 33 28.7 -2.0
CASY	Casey	51.27 209	P	Pn	03 34 34.3 +0.4
CASY	Casey	51.27 209	P	Pn	03 34 38.7
NWAO	Narrogin (SRO)	52.36 252	P	Pn	03 34 31.1 -0.9
PSAO	Pilbara Seismi	54.84 266	P	Pn	03 34 48.8 -1.4
QSPA	South Pole Qus	55.72 180	P	Pn	03 34 58.9 +2.8
QSPA	South Pole Qus	55.72 180	P	Pn	03 34 59.9 +3.8
BATI	Baumata	57.50 280	LR	LR	04 00 32.2
BELA	Belgrano 2	65.94 172	P	Pn	03 36 19.1
BELA	Belgrano 2	65.94 172	P	Pn	03 36 19.1
MAW	Mawson	68.31 201	P	Pn	03 36 22.4 +2.1
LEM	Lemburg	75.54 274	LR	LR	04 09 58.1
SNA	Sanae	74.19 179	P	Pn	03 36 58.2 +2.2
SNA	Sanae	74.19 179	P	Pn	03 37 01.1 +5.1
SNA	Sanae	74.19 179	P	Pn	03 37 10.8
VNA3	Neumayer Olym	73.18 176	P	Pn	03 36 59.2 +3.5
VNA1	Neumayer-Stat	75.03 177	P	Pn	03 37 03.4 +2.6
LL02	Futaleufu	78.11 134	P	Pn	03 37 30.5 +1.2
LL02	Futaleufu	78.11 134	P	Pn	03 37 33.0
PLCA	Paso Flores	80.35 133	LR	LR	04 10 12.2
PETK	Petropavlovsk	89.49 346	P	Pn	03 38 16.9 +0.7
CPUP	Villa Florida	98.08 129	LR	LR	04 16 16.4
MKAR	Makanchi Array	119.70 309	PKP	PKIPK	03 44 08.9 -0.4
ZALV	Zalesovo Beam	120.48 317	PKP	PKIPK	03 44 09.9 -0.6
ARC	ARCCESS Array B	142.30 346	PKP	PKPdf	03 44 48.9 -2.2
KBZ	Khabaz	146.53 299	PKPbc	PKPab	03 45 01.3 -0.3
FINES	FINESSE Array B	148.57 337	PKPbc	PKIPK	03 45 06.3 -0.8
DBIC	Dimbokro	151.86 347	PKP	PKIPK	03 45 15.6 +0.2
NB02	NORSA Subarr152	349	PKP	PKIPK	03 45 16.4 +0.1
NOA	NORSA Array B	152.55 349	PKPbc	PKIPK	03 45 16.0 +0.5
BRTR	Brattskar Array B	153.58 291	PKPbc	PKIPK	03 45 18.1 -0.2
AKASG	Malin Array B	156.86 317	PKPbc	PKIPK	03 45 18.6 +0.2

OKSP	Okmok Steeple	1.19 42	Pn	Pn	03 35 00.7 -1.8
OKCE	Okmok Cone E	1.37 39	Pn	Pn	03 35 04.0 -0.9
OKTU	Okmok Mt. Tuli	1.39 43	Pn	Pn	03 35 04.3 -0.9
OKFR	Okmok R'deer P	1.44 37	Pn	Pn	03 35 05.0 -1.2
OKFG	Magazine Ridge	1.46 44	Pn	Pn	03 35 05.0 -1.2
MAPS	Makushin South	2.12 47	Pn	Pn	03 35 14.8 -0.9
MGOD	Makushin Gods	2.18 48	Pn	Pn	03 35 15.5 -0.6
MSW	Makushin Switc	2.30 47	Pn	Pn	03 35 17.1 -0.5
MMAT	Makushin Natee	2.32 48	Pn	Pn	03 35 17.6 -0.4
MTBL	Makushin Table	2.38 47	Pn	Pn	03 35 18.4 -0.4
UNV	Unalaska Vile	2.38 51	Pn	Pn	03 35 18.8 -0.7
KOPF	Koronoi Flat P	2.76 270	Pn	Pn	03 35 24.8 +0.8
AKRB	Akutan Reef Bi	2.76 49	Pn	Pn	03 35 23.8 -0.1
AKMO	Akutan Morgan	2.76 50	Pn	Pn	03 35 24.0 0.0
AKBBA	Akutan Broad B	2.81 51	Pn	Pn	03 35 25.1 +0.5
AKLV	Akutan Long Va	2.83 49	Pn	Pn	03 35 25.5 +0.5
MAIS	Makushin South	2.90 51	Pn	Pn	03 35 25.0 -0.9
GSTR	Great Sitkin T	3.98 289	Pn	Pn	03 35 40.2 -0.5
GSTD	Great Sitkin T	4.03 286	Pn	Pn	03 35 41.6 +0.1
ADK	Adak	4.39 266	Pn	Pn	03 35 44.0 -2.3
KIWB	Kanaga Island	4.68 267	Pn	Pn	03 35 48.8 -1.5
AMKA	Amchitka	6.94 266	Pn	Pn	03 36 20.8 -0.7
ILAR	Eielson Array	17.03 34	P	P	03 36 41.8 +3.3
PETK	Petropavlovsk	19.72 285	P	P	03 39 07.3 -0.8
H11S1	WAKE ISLAND Hy	38.55 218	T	T	04 23 07.0
H11S2	WAKE ISLAND Hy	38.57 218	T	T	04 23 05.1
H11S3	WAKE ISLAND Hy	38.57 218	T	T	04 23 03.6
PDAR	Pinedale Array	40.55 79	P	P	04 42 17.7 0.0
TXAR	Lajitas Array	52.89 89	P	P	04 43 53.8 -0.4

NEIC 08 04:01:57.8±1.6, 7.14S; 0.08x128.750E±0.05, h254km, 7km, mb4.1/18, Error ellipse: s-maj=12.3km s-min=-6.7km, az=189.0

DJA 08 04:01:58.0±0.2, 7.3S; 12.18E±, h253km, 4km, M4.6/12, mb4.9/6, mb4.6/12, MLV4.9/12, Mw(mb)4.2/6

ISC 08 04:01:58.9±1.8, 7.03S; 128.39E, h259km, 17km, mb3.8/17, mb1.3/9.18, mb1mx3.8/42, mbmt4.5/18, Error ellipse: s-maj=20.8km s-min=9.4km az=66.0

ISC 08 04:01:57.2±0.4, 7.11S; 0.005x128.47E±0.06, h250km, n89, az=179/93, mb4.3/30, 11D, Baraga Sea

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
BNDI	Bandanaira	2.94 29	Op	04 02 52.5 +3.5	
SAUI	Saumilaki	2.94 107	Pn	04 02 49.2 +0.2	
SAUI	Saumilaki	2.94 107	Pn	04 03 30.1 0.0	
KRAI	Karangi Rang	3.76 359	P	04 03 02.4 +4.1	
MSAI	Masaru	3.76 7	P	04 03 01.2 +2.9	
SOEI	Soe	4.92 237	Pn	04 03 12.7 +0.6	
SOEI	Soe	4.92 237	Pn	04 03 13.2 +1.1	
SANI	Sanana	5.60 334	P	04 03 22.9 +2.5	
FAKI	Fak Fak	5.61 42	Pn	04 03 21.2 +0.6	
FAKI	Fak Fak	5.61 42	Pn	04 03 21.7 +1.1	
BATI	Baumata	6.65 237	P	04 03 22.6 +1.4	
BATI	Baumata	6.65 237	P	04 04 26.4 -1.8	
BATI	Baumata	6.65 237	P	04 03 22.1 +0.9	
MTNI	Manton Dam	6.28 155	Pn	04 03 29.8 +0.9	
MTRI	Mauere	6.36 256	Pn	04 03 30.6 +0.8	
MMRI	Mauere	6.36 256	Pn	04 03 31.8 +2.0	
SUJI	Sorong	6.79 24	S	04 04 48.1 -6.1	
SUJI	Sorong	6.79 24	S	04 03 36.2 +0.8	
SWI	Swire	6.80 24	P	04 03 36.0 +0.6	
EDFI	Ende, Flores	6.91 256	P	04 03 37.6 +0.7	
LWUI	Luwuk	8.28 316	Pn	04 03 56.2 +2.2	
KNRA	Konara	8.52 178	Pn	04 03 52.0 +0.3	
GENI	Geniem	12.49 70	P	04 04 49.3 0.0	
WB0	Warramunga Arr	13.84 156	P	04 05 02.0 -1.5	
WRAB	Tennant Creek	13.97 156	P	04 05 04.0 -1.0	
WRA	Warramunga Arr	13.97 157	P	04 05 04.0 -1.0	
WRA	Warramunga Arr	13.97 157	P	04 07 34.6 -5.4	
WRA	Warramunga Arr	13.97 157	P	04 05 03.8 -1.4	
WB2	Warramunga Arr	13.98 157	P	04 05 04.1 -1.1	
WR0	Warramunga Arr	14.00 156	P	04 05 04.5 -1.7	
PSAO0	Pilbara Seismi	16.62 209	P	04 05 34.7 -0.2	
AS31	Alice Springs	17.27 163	P	04 05 43.0 +0.9	
ASAR	Alice Springs	17.27 163	P	04 05 43.9 -0.5	
ASAR	Alice Springs	17.27 163	P	04 06 21.9 +1.2	
ASAR	Alice Springs	17.27 163	P	04 08 49.4 +0.5	
ASAR	Alice Springs	17.27 163	P	04 13 20.5 -2.2	
ASAR	Alice Springs	17.27 163	P	04 05 43.2 +1.2	
CTA	Charters Tower	21.54 129	P	04 05 29.2 +2.1	
STKA	St Stephens Creek	27.52 155	P	04 07 22.1 +1.1	
STKA	St Stephens Creek	27.52 155	P	04 08 12.6 +0.5	
STKA	St Stephens Creek	27.52 155	P	04 07 21.3 +0.3	
CMAR	Chiang Mai Arr	38.65 311	P	04 08 57.5 +0.4	
KSAR	Kororua Array B	44.32 359	P	04 09 42.0 -0.6	
KSRS	Korea Array	44.33 359	P	04 09 43.1 +0.4	
MJAR	Matsushiro Arr	44.37 11</			

Table with columns: PENT, Pentalofos, 0.33 88 P, Pb, 05 33 25.9 -0.3, 05 33 31.5 -0.2, etc. Includes various station names like Nestorio, Korca, Janina, Kipourio, Sarande, Igoumenitsa, Kassiofi, Florina, Kozani, Kerkira, etc.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like Ilet Lapin Mar, Montagne Vaucel, Morne Lapointe, Aeronautique, etc.

Table with columns: AKK, 250nm,0.4s, A, A, 05 40 20.6, etc. Includes station names like Churui, Eniwo, Urakawa-nobuka, Kayabe, etc.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like Honiara, Mzim Dzumac, Port Moresby, etc.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like Kuram, Kuram, Kuram, Kuram, etc.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like Diego Garcia H, Diego Garcia H, Diego Garcia H, etc.

Table with columns: PDGK, ARXS, MDOK, CHKK, KTBS, DJR, KDJ, KUU, TARG, KST, DGS, DKS, ULHL, ULHL, BOOM, KRBS, KAPS, KAPS, KAPS, TKM2, TKM2, TKM2, CHMS, CHMS, SGDS, USP, USP, UCH, UCH. Includes station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like MKAR, FINES, WRA, NOA.

Table with columns: ASAR, TXAR, IDC, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like ASAR, TXAR, KSR, MKAR, KLR, ZALV, WRA, ASAR, ULM.

GCMT 08 06:17:51.0-0.1, 17:49S, 02:176.56W, 0.02, h13km, 2km, MM4.8/72, Moment Tensor Solution, s:7.8; s72.c95; Duration: 0 Moment tensor: Scale 10^16Nm; Mr: 0.35; 10; Mw: 1.44; 0.8; Mo: 1.79; 1.1; Mw: 0.01; 2.1; Mo: 0.43; 0.8; Mw: 0.45; 2.3; Best double couple: Mo 1.71800x10^16 NP1: 3.53, 0.00000, 0.88, 0.00000, 1.5, 0.00000. NP2: 0.322, 0.00000, 0.85, 0.00000, 1.17, 0.00000. Principal axes: T 1.9350, Plg1 1.0000, Azm277.0000; N -0.4300, Plg78.0000, Azm116.0000; P -1.5010, Plg4.0000, Azm8.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular momenta function.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like MSVF, PPT, PPG, WRA, ASAR, VNA, LEM, PETK, KSR, NVAR, NVAR, TXAR, ILAR, ILAR, PDAR, SNA, CMAR, VNA3, VNA1, YKA, BRTR, GERES.

RHSSO 08 06:35:04.6-0.7, 43:27N, 20:81E, h5km, 3km, ML2.4/9 BEO 08 06:35:04.6-0.3, 43:24N, 20:85E, h5km, 3km, ML2.5/16 ISC 08 06:35:03.5-1.1, 43:31N, 02:20.81E, 0.02, h6km, 9km, n50, c1917/6, 18C-6D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like GRUS, SJS, SJS, BOVS, BOVS, BARS, BARS, BARS, TRUS, TRUS, DIVS, DIVS, SVIS, SVIS, RUDO, ZAGS, ZAGS, BBL, BBL, BBL, BBL, KUBS, KUBS, ZAPS, ZAPS, DLK, DLK, UPM, UPM, PDG, PDG, BOGS, BOGS, TEKS, TEKS, TEKS, TEKS, MDVR, MDVR, BRY, BRY, TREB, TREB, VTS, VTS, MERR, MERR, HERR, HERR, FRGS, FRGS, FRGS, FRGS.

Table with columns: FRGS, STON, STON, STON, STON, BZS, BZS, GZR, GZR, RIC, RIC, LOT, LOT, SIRR, SIRR, MRAK, MRAK, MOSL, MOSL, VOIR, VOIR, DRGR, DRGR. Includes station names and coordinates.

IDC 08 06:51:16.6-2.2, 31:73S, 69:24W, h0km, mb3.8/3, mb1 3.9/7, mb1mx3.8/2.1, mbtrmp3.8/7, ML3.8/4, Error ellipse: s-maj=34.9km s-min=31.6km az=16.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like LVC, LVC, PLCA, CPUP, CPUP, LPAZ, LPAZ, SIV, SIV, BDFB, BDFB, TXAR, TXAR, TORD, TORD.

TUL 08 07:19:39.6-1.2, 35:742N, 0:009-97:38W, 0.01, h7km, 4km, ML2.4, mb, Lg2.015(NEIC), Error ellipse: s-maj=1.6km s-min=1.2km az=104.0

NEIC 08 07:19:39.7-1.4, 35:753N, 0:010-97:38W, 0.01, h5km, 1km, Error ellipse: s-maj=2.9km s-min=1.9km az=276.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like OK029, OK029, OK025, OK005, OK005, BCKO, BCKO, OKCFA, OKCFA, OKCSV, OKCSV, OK031, OK031, FNO, FNO, QUOK, QUOK, QUOK, QUOK, CROK, CROK, BLOK, BLOK, G02, G02, X3A, X3A, OK032, OK032, KAN13, KAN13, KAN17, KAN17, T3SA, T3SA, U2SA, U2SA, WMOK, WMOK, KAN08, KAN08, KS21, KS21, QUCO, QUCO, X37A, X37A, X37A, X37A, W39A, W39A, MIAR, MIAR, AMTX, AMTX, ABTX, ABTX, WHAR, WHAR.

IDC 08 07:30:18.5-0.8, 7:66S, 127:38E, h30km, 4km, mb3.9/7, mb1 3.9/8, mb1mx3.6/28, mbtrmp4.0/8, ML3.8/1, MS2.2/1, Ms1 2.2/1, ms1mx2.1/26, Error ellipse: s-maj=122.1km s-min=18.0km az=64.0

ISC 08 07:30:18.6-0.7, 7:65S, 0:3-127:8E, 0.7, h35km, n11, c0971/17, mb4.27, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names like KAPI, KAPI, WRA, WRA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, STKA, STKA, SONM, SONM, SONM, SONM, MKAR, MKAR, ZALV, ZALV, ZALV, ZALV, KURBB, KURBB, KURBB, KURBB, BVAR, BVAR, BVAR, BVAR, NRIK, NRIK, NRIK, NRIK, LPAZ, LPAZ, LPAZ, LPAZ.

DJA 08 08:07:04.9-0.2, 6:52S, 13:13E, h116km, 5km, M4.7/11,

mb4.3/9, mB5.5/3, MLv4.8/11, Mw(mB4.9/3)
NEIC 08:08:07:04.5, 1.8, 6.27S; 0.07:130.3E; 0.1, h121km, 5km,
mb4.4/18, Error ellipse: s-maj=15.6km s-min=9.5km
az=80.0

IDC 08:08:07:04.1, 3.0, 6.25S; 130.41E, h119km, 27km, mb3.9/13,
mb1.4/0.15, mb1mx3.9/28, mbtmp4.3/15, Error ellipse:
s-maj=30.3km s-min=12.9km az=71.0

ISC 08:08:07:02.9, 0.4, 6.28S; 0.04:130.54E; 0.07, h100km, n74,
c254/68, mb4.3/22, 1D, Banda Sea

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

IDC 08:08:40:06.2, 0.7, 19.56S; -178.01W, h0km, mb4.3/13,
mb1.4/5.14, mb1mx4.3/41, mbtmp4.3/14, ML5.1/1, MS4.1/23,
MS1.4/1/23, ms1mx1.4/27, Error ellipse: s-maj=33.4km
s-min=16.5km az=149.0

NEIC 08:08:40:07:3.2, 2.1, 19.65S; -178.01W, h10km, 1km,
mb4.9/37, Error ellipse: s-maj=21.3km s-min=13.4km
az=353.0

GCMT 08:08:40:03.0, 2.1, 19.46S; 0.01:175.84W; 0.01, h18km, 1km,
MW5.0/108, Moment Tensor Solution, s27, c34;
s108, c164; Duration: 0 Moment tensor: Scale 10^16Nm;
Mw=1.34; M0=2.64; M1=3.98; M2=2.24;
M3=2.19; M4=0.9; M5=2.27; East double couple;
M=4.48000*10^16 NP1=6.20000*10^16, 0.00000,
1.6-0.00000, NP2=1.55000*10^16, 0.850000,
-1.5000000. Principal axes: T 5.2690, P1g17.0000,
Azm285.0000; N -1.5710, P1g59.0000;
P -3.6980, P1g25.0000; Azm23.0000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

ISC 08:08:40:07:1.0, 4.1, 19.60S; 0.10:175.81W; 0.07, h10km,
n125, s195/106, mb4.7/36, MS4.2/20, 8C-2D, Tonga Islands

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like G003 Copiap, LCO Las Campanas, G002 Milna Guanaco, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NBSP Pedra Branca-C, RUSC La Rusia, NBLV Livramento - P, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JSGW Sagamiharawaka, JYTW Yasato, JTRC Tanabenakhech, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ASAJ, HAWB, KSCWO, KSSEO, USA0B, USRKR, YULB, MDJ, NJ2, CN2, H1N2, H1N1, H1N3, KLR, WHN, BJT, BJI, PETK, HIA, HHC, HHH, HHH, ENH, XAN, GYA, SMY, LZH, LZH, LZH, CD2, ULN, SONM, SONM, SONM, SEY, SLVN, KMI, SKNT, NONG, GTA, GTA, GTA, PHIT, MTN, CMMT, CHTO, CMAR, TIXI, LSA, SHL, WBO, WRO, WB2, WRA.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like WRA, WMQ, WMQ, SDPT, RPSI, ODAN, ZSN, INAO, INCN, ZALV, ZALV, ZALV, RAMM, JIRN, GUN, GSI, PKI, ASAR, ASAR, PKIN, KKN, MK31, MKAR, MKAR, MAK2, GKN, CHIR, DANN, O18K, SVW2, KOLN, PYUN, OHAK, OHAK, L19K, SHLS, KDAD, KDAD, KDAD, K20K, KURK, kurRB, J20K, KPKS, SATY, IMAR, SHUK, SKMT, I21K, BPAW, BPAW, MDOK, SEW, SEW, SEW, TRF, TRF, MLY, MLY, MSVF, KUU, PMR, PMR, PMR, PWL, PWL, RND, RND, RND, MCK, I23K, I23K, COLD, H2AK, NEA2, SML, SML, SML, WAT1, WAT6, KSH, KSH, KSH, WRH, MDM, TOLK, SCM, H24K, HIN, FID, SGDS, HDA, HDA, HDA, IL31, IL31, ILAR, ILAR, ILAR, BTLS.

8d 9h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KLU, KLU, DIV, DIV, PAX, PAX, PRZ, PRZ, BMRM, BMRM, BMRM, RIDG, N25K, DOT, DOT, GLB, GLB, SCRK, SCRK, SCRK, SCRK, MCARA, MCARA, MCARA, M26K, TGL, BVAR, BRVK, BRVK, K27K, K27K, K27K, L27K, L27K, L27K, EGAK, EGAK, NIL, KK31, KKAR, KKAR, DAWY, DAWY, BTK, GAR, HYT, HYT, EPYK, EPYK, CHGR, INK, INK, INK, WHY, WHY, WHY, BESE, BESE, KBL, KBL, ARU, DLBC, DLBC, DLBC, DLBC, ABKAR, ABKAR, ABKAR, BBA, HRA, HRA, HOPEN, HOPEN, GYA0B, SPA0, YKA, YKA, LLLB, LLLB, D03D, RAR, RAR, KLMR, KLMR, KLMR, AR0A, AR0A, AR0A, B08A, B08A, KTK1, KTK1, E07A, E07A, F07A, F07A, D08A, D08A, PINE, PINE, C09A, C09A, TRO.

8d 11h

Table with columns: Station Name, Time, Res, and other identifiers. Includes stations like KOSA Summer Lake, NEW Newport, G08A Pilot Rock, etc.

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Table with columns: Station Name, Time, Res, and other identifiers. Includes stations like BLSS Blasjo, AGMN Agassiz Nation, ANMO Albuquerque, etc.

IDD 08:09:56:28.8z, 1.8, 5.2; 36N:169.40W, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.4/1, mbtmpr3.4/4, ML3.0/1, MS3.6/1, Ms1 3.6/1, ms1mx2.5/45, Error ellipse: s-maj=62.2km s-min=31.4km az=139.0

NEIC 08:09:56:30.4z, 1.4, 5.2; 37N:01:169.6W, 0.1, h2km, 14km, MG04 Makushin Gound s-maj=21.3km s-min=2.3km az=156.0 AEIC 08:09:56:30.1z, 7.52; 69N:0.0E, 169.50W, 0.09, h8km, 8km, ML3.3, Error ellipse: s-maj=12.5km s-min=6.8km az=155.0

ISC 08:09:56:30.4z, 1.0, 5.2; 7N:01:169.53W, 0.08, h10km, n31, c092/23, mb3.5/3, Fox Islands

Table with columns: Code, Station Name, Time, Res, and other identifiers. Includes stations like NIKH Nikolski High, OKSP Okmok Cone, OKNC Okmok New Cone, etc.

NOU 08:10:36:46z, 37.58S:176.37E, h260km, ML3.6/5, North Island, New Zealand WEL 08:10:37:01.3, 38.5S:176.6E, 1.2, h145km, 18km, M2.9/58, ML2.9/58, Error ellipse: s-maj=0.0km s-min=0.0km az=115.5, North Island

Table with columns: Code, Station Name, Time, Res, and other identifiers. Includes stations like KMRZ Kaimai, MUGZ Murupara, FLZ Tolley Road, etc.

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Table with columns: Station Name, Time, Res, and other identifiers. Includes stations like NNZ Nelson, THZ Topohouse, KHZ Kahutara, etc.

NEIC 08:10:50:34.7z, 0.6, 35.7; 59N:0.0099:97.41W, 0.02, h8km, 2km, mb, Lg1.8/4, Error ellipse: s-maj=1.9km s-min=1.3km az=75.0, Oklahoma

Table with columns: Code, Station Name, Time, Res, and other identifiers. Includes stations like OK029 Liberty Lake, OK025 Westminster Rd, BCOK Bluff Creek, etc.

NEIC 08:11:37:44.8z, 1.6, 20.7; 2S:0.2x:178.6W, 0.1, h561km, 8km, mb4.1/33, Error ellipse: s-maj=24.8km s-min=15.7km az=157.0

ISC 08:11:37:45.9z, 3.4, 20.4; 8S:178.80W, h568km, 26km, mb3.1/6, mb1 3.5/8, mb1mx3.2/28, mbtmpr4.0/8, Error ellipse: s-maj=69.4km s-min=16.9km az=151.0

ISC 08:11:37:44.0z, 0.6, 20.8; 01:178.70W, 0.09, h550km, n60, c088/63, mb4.1/23, Fiji Islands region

Table with columns: Code, Station Name, Time, Res, and other identifiers. Includes stations like MSVF Nonsavu, MSVF Nonsavu, NIUE Niue, etc.

NEIC 08 11:45:45.9.1.6.21:95S:0:06:67:18W:0:09:h179km,6km, mb4.5/161,Mw4.4(GUC),Error ellipse: s-maj=12.0km s-min=8.9km az=82.0

VAO 08 11:45:45.9.0.3.21:95S:67:25W,h203km,4km,mb4.6 IDC 08 11:45:45.2.0.7.21:97S:67:12W,h176km,6km,mb4.0/9, mb1 4.2/14,mb1mx3.9/31,mbmp4.5/14,MS2.8/1, Ms1 2.9/1,ms1mx2.6/17,Error ellipse:s-maj=11.6km s-min=10.1km az=137.0

GUC 08 11:45:46.8.0.5.21:96S:67:75W,h238km,11km,ML4.9, MW4.4

SCB 08 11:45:49.6.2.4.21:92S:67:34W,h163km,18km,ML4.5/9, Error ellipse: s-maj=7.4km s-min=6.1km az=2.0

ISC 08 11:45:45.1.0.6.21:93S:0:03:67:23W:0.04,h179km,5km, n300,0:1917/335,mb4.5/83,36C-28D,Fault plane solution: NP1:0:252.42566°,645.36977°,λ-20.25597°. NP2:0:356.96014°,675.73626°,λ-133.54153°. Principal axes: T Plg18.8167°,Azml117.9319°; N Plg41.8854°,Azml10.1386°; P Plg42.1430°,Azml225.8923°;

Chile-Bolivia border region

Code	Station Name	Lat	AZ	Phase ID	ISC	Time	Res
		°	°			h m s	ISC
AF01	San Pedro de A	1.34	221	Pn	Pn	11 46 18.2	+2.3
MOCB	Mochara	1.62	66	P	S	11 46 21.2	+2.5
MOCB				S	Pn	11 46 45.9	+1.3
MOCB				IAML		11 46 48.7	
LVC	Limón Verde	1.70	246	P	Pn	11 46 20.7	+1.4
LVC				S	S	11 46 46.8	+1.0
LVC				LR		11 47 11.1	
LVC				Pn	Pn	11 46 21.0	+1.7
LVC				eP	Pn	11 46 20.9	+1.7
PB09	IPOC Station P	1.89	274	iP	P	11 46 22.8	+1.8
PB01	IPOC Station P	2.29	292	iP	S	11 46 20.1	+1.3
PB01				iS	S	11 46 57.0	+0.4
PB01				IAML		11 46 58.3	
PB01				Pn	Pn	11 46 26.6	+1.3
PB07				iP	S	11 46 23.4	+0.7
PB07				iS	S	11 47 00.3	+0.5
PB07				IAML		11 47 01.9	
PB07				Pn	Pn	11 46 28.5	+0.8
PB08				P	Pn	11 47 01.8	+2.5
PB08				S	S	11 47 01.5	+0.7
PB08				IAML		11 47 08.2	
PB02				iP	S	11 46 29.2	+0.7
PB02				iS	Pn	11 47 00.2	+1.0
PB02				IAML		11 47 04.1	
PB02				P	Pn	11 46 29.2	+0.7
PB02				S	S	11 47 00.2	-2.0
PB02				IAML		11 47 04.2	
PB04				iP	Pn	11 46 31.1	+0.3
PB04				iS	S	11 47 04.5	-1.7
PB04				IAML		11 47 08.0	
PB05				Pn	Pn	11 46 31.5	+0.8
PB05				P	Pn	11 46 32.6	0.0
PB05				iS	S	11 47 07.1	-2.5
PB05				IAML		11 47 17.8	
PB05				Pn	Pn	11 46 33.2	+0.6
PB05				S	S	11 47 06.1	-3.5
PB05				IAML		11 47 08.9	
TA01	Diego Aracena	3.08	296	iP	Pn	11 46 34.9	+0.3
TA01				iS	S	11 47 11.3	-1.8
TA01				IAML		11 47 14.3	
TA01				Pn	Pn	11 46 34.9	+0.3
TA01				iP	Pn	11 46 36.4	+0.8
TA01				iS	S	11 47 07.1	-2.5
TA01				IAML		11 47 15.8	
PB11				P	Pn	11 46 36.5	+0.9
PB11				S	S	11 47 13.2	-1.6
PB11				IAML		11 47 15.3	
TA02	Huaquiique	3.18	301	eP	Pn	11 46 36.0	+0.1
TA02				iS	S	11 47 13.6	-1.8
TA02				IAML		11 47 17.0	
PB10				iP	Pn	11 46 39.0	-0.3
PB10				iS	S	11 47 18.1	-3.5
PB10				IAML		11 47 20.8	
PB10				Pn	Pn	11 46 39.3	0.0
MMNC	Minye Minye	3.56	321	iP	Pn	11 46 42.4	+1.4
MMNC				iS	S	11 47 24.8	+0.2
MMNC				Pn	Pn	11 46 42.7	+1.7
MMNC				S	S	11 46 42.7	+1.7
MMNC				IAML		11 47 25.2	-1.9
MMNC				IAML		11 47 29.8	
PSGC	Pisagua	3.57	310	iP	Pn	11 46 40.5	-0.4
PSGC				S	S	11 47 22.1	-2.4
PSGC				IAML		11 47 26.4	
PSGC				Pn	Pn	11 46 41.8	+0.9
PSGC				S	S	11 47 22.2	-2.2
PSGC				IAML		11 47 26.2	
PSGCX	Pisagua	3.57	310	Pn	Pn	11 46 41.8	+0.9
GO02	Mina Guanaco	3.88	214	eP	Pn	11 46 45.2	+0.3
GO02				iS	S	11 47 29.0	-2.7
GO02				IAML		11 47 31.5	
GO02				Pn	Pn	11 46 45.5	+0.6
GO02				Pn	Pn	11 46 46.1	+0.1
GO02				Pn	Pn	11 47 04.7	+3.2
GO02				Pn	Pn	11 47 01.9	+0.1
GO02				Pn	Pn	11 47 07.8	+2.7
GO02				S	S	11 48 05.2	-2.8
GO02				IAML		11 48 12.4	
LPAZ	La Paz	5.68	351	P	Pn	11 47 10.8	+2.3
LPAZ				S	S	11 48 15.2	+1.1
LPAZ				LR	LR	11 49 48.5	
LPAZ				Pn	Pn	11 47 10.5	+1.9
LPAZ				S	S	11 47 10.3	+1.7
LPAZ				S	S	11 48 11.6	-2.5
LPAZ				IAML		11 48 18.0	
LPAZ				eP	Pn	11 47 10.8	+2.3
SIV	San Ignacio	8.29	46	P	Pn	11 48 00.8	-1.6
SIV				S	S	11 49 07.5	-7.8
PTLB	Pontes e Lacer	10.01	51	eP	Pn	11 48 03.3	-1.6
CPUP	Villa Florida	10.04	118	Pn	Pn	11 48 03.6	-1.6
CPUP				Pn	Pn	11 48 04.2	-1.0
AODB	Aquidauana	10.85	84	eP	Pn	11 48 16.6	+0.2
AODB				eP	Pn	11 48 17.6	+1.8
VLBB	Vilheña	11.16	38	eP	Pn	11 48 20.9	+1.0
VA03	San Esteban	11.19	195	Pn	Pn	11 48 20.8	+0.4
ETMB	Extrema	12.09	5	eP	Pn	11 48 31.4	+0.6
ITOB	Itaqui	12.29	131	eP	Pn	11 48 34.2	+0.3
PP1B	Ponte de Pedra	12.39	72	eP	Pn	11 48 35.4	+0.3
SALV	Santo Antonio	12.45	63	Pn	Pn	11 48 37.1	+0.7
BO02	Sierra Bellavi	13.19	193	P	Pn	11 48 47.4	-1.9
SAML	Samuel	13.48	17	P	Pn	11 48 51.0	+1.6
SAML				Pn	Pn	11 48 49.8	+0.3
TRCB	Terra Rica	13.53	96	P	Pn	11 48 51.9	+1.9
TRCB				eP	Pn	11 48 50.8	+0.8
PTGB	Pitanga	14.20	104	eP	Pn	11 48 59.6	+1.1
ITAB	Concordia	14.71	114	P	P	11 49 06.4	+0.3
ITAB				eP	Pn	11 49 04.9	+0.2
PCMB	Pacambu	14.84	92	eP	Pn	11 49 07.2	+0.9
CP5B	Cacapava Do Su	14.97	127	eP	Pn	11 49 06.8	-1.0

CZSB	Cruzeiro do Su	15.08	339	eP	Pn	11 49 08.8	-0.5
CZSB				eS	S	11 51 57.2	-0.6
CLDB	Colider	15.52	47	eP	S	11 49 14.6	-0.1
CLDB				eS	S	11 52 06.6	-1.6
PLTB	Pedras Altas	15.59	132	eP	IAMB	11 49 14.7	-0.8
PLTB				IAMB		11 49 16.9	
PLTB				eP	Pn	11 49 13.1	-2.4
ARAC	Araguaiana, MT	15.85	70	eP	Pn	11 49 18.1	-0.5
ITRB	Iturama	15.92	85	eP	Pn	11 49 18.9	-0.7
TRQA	Torquise	16.69	165	P	IAMB	11 49 30.7	-1.8
TRQA				IAMB		11 49 30.7	
TRQA				eP	P	11 49 26.4	-1.5
TJ01	Guarua-PR	17.63	105	eP	P	11 49 31.5	-0.4
LC01	Cunco	17.37	192	P	IAMB	11 49 38.8	-0.6
LC01				IAMB		11 49 58.6	
LC01				eP	Pn	11 49 38.1	+0.6
BB19B	Bebedouro	17.42	91	eP	P	11 49 38.1	+0.3
TER01	Tubarão-SC	17.63	116	eP	P	11 49 44.1	-0.1
SIB03	Serra Nova Dou	18.16	60	eP	P	11 49 45.3	+0.1
RCLB	Rio Claro, Sao	18.25	95	eP	P	11 49 45.3	+0.1
IPMB	Iperoi, Ger	18.30	81	eP	P	11 49 45.7	-0.1
SPB	Sao Paulo	18.33	99	P	P	11 49 46.5	+0.5
SPB				P	P	11 49 46.1	+0.1
PEI01	Itanháem-SP	18.50	101	P	P	11 49 47.9	0.0
NPBG	Nova Progresso	19.40	96	P	P	11 49 50.0	0.0
VAO	Vão	18.75	97	eP	P	11 49 50.1	-0.6
PLCA	Paso Flores	18.95	188	P	P	11 49 52.8	+0.1
PLCA				P	P	11 49 52.3	-0.4
PLCA				P	P	11 49 52.0	-0.1
BDFB	Brasília	19.23	74	P	P	11 49 55.9	0.0
BDFB				P	P	11 49 56.2	+0.3
LL04	Puerto Octay	19.42	192	P	IAMB	11 49 57.3	-0.4
LL04				IAMB		11 50 02.0	
MACA	Manacapuru-AM	19.71	20	eP	P	11 50 00.5	-0.5
PARB	Paraubeba	19.99	98	eP	P	11 50 03.2	-0.8
PEXB	Peixe	20.54	65	eP	P	11 50 09.2	-0.7
ITTB	Itatuba	20.71	34	eP	P	11 50 13.4	-1.1
BSCB	Bom Sucesso	20.91	92	eP	P	11 50 13.5	-0.4
ESAR	Angra dos Reis	21.08	97	eP	P	11 50 15.1	-0.5
VAS01	Vassouras-RJ	22.04	95	eP	P	11 50 25.1	-0.5
PTGA	Pitinga	22.23	20	P	P	11 50 27.9	0.0
DIAM	Diamantina, MG	22.40	85	eP	P	11 50 27.9	-1.3
MC01	Montes Alegre	22.52	74	eP	P	11 50 33.4	-1.1
JANB	Januária	22.76	76	eP	P	11 50 31.1	-1.3
SMTB	Santa Maria do	22.92	58	eP	P	11 50 33.2	-0.6
PRPB	Parauapebas	22.99	50	eP	P	11 50 33.0	-1.4
DUB01	Frriburgo-RJ	23.04	95	eP	P		

8d 12h

Table with columns: SUR, SUTHERLAND, 77.01 120, P, Iamb, P, 11 57 18.8 +0.1, 11 57 27.7, etc.

Table with columns: Code, Station Name, A, Az, Phase ID, Time, Res, etc.

2015 AUG

Main table with columns: POSS, PRESA 15 DE SE, 1.83 95 eP, Pn, 12 04 08.2 -0.8, etc.

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Table with columns: YSS, Yuzh-Sakhalins, 4.50 332, Pn, 12 59 04.8 +1.3, etc.

2015 AUG

Table with columns: Call sign, Location, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like OKCFA Oklahoma City, OKCFA Oklahoma City, OKCFA Oklahoma City, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like DZN Dzhankel'dy, GZLY Gazly, TMD Tamdy-Bulak, etc.

Table with columns: Call sign, Location, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like AKTO Aktubinsk, AKTO Aktubinsk, AKTO Aktubinsk, etc.

SOME 08 14:08:35.8, 40:58N:64:22E, h10km
NEIC 08 14:08:54.9, 2.0, 40:65N:0:06:64:05E:0:08, h10km, 1km,
mb4, 7/42, Error ellipse: s-maj=11.2km s-min=9.7km
az=133.0

ellipse: s-maj=5.3km s-min=4.8km az=138.5,
IDC 08 14:08:56.6, 2.6, 40:60N:64:06E, h20km, 1.7km, mb3, 4/31,
mb1 4.4/40, mb1mx4.4/55, mbtm4, 4/40, ML3, 7/9, MS3, 6/20,
Ms1 3.6/20, ms1mx3.4/42, Error ellipse: s-maj=9.8km
s-min=7.2km az=178.0
NMC 08 14:08:56.5, 1.8, 40:77N:64:02E, h31km, 2.2km, mb4, 7,
mpv4, 1, Error ellipse: s-maj=11.7km s-min=7.7km
az=161.0

comp=Z, 7.1nm, 0.3s, baz=268, slow=23, SNR=6.9
Lg Lg 14 14 34.1
comp=Z, 1.9nm, 0.3s, baz=220, slow=20, SNR=5.6
LR LR 14 15 56.3
comp=Z, 4.86nm, 19.0s, baz=134, slow=38
AKTO Aktubinsk 10.61 39 P Pn 14 11 26.7 +0.5
comp=Z, 30nm, 1.1s
fSn Sn 14 13 21.3 -3.5
comp=Z, 20nm, 0.5s
jLg Lg 14 14 33.6
comp=Z, 1.92nm, 0.9s
ARX Arharly 10.80 66 eP Pn 14 11 28.3 -0.7
SATY Sary 11.00 73 eP Pn 14 11 30.3 -1.4
SATY Sary 11.00 73 eP Pn 14 11 30.3 -1.4
BRZS Berezniki 11.11 30 eS Sn 14 11 31.4 -1.8
BRZS Berezniki 11.11 30 eS Sn 14 13 31.3 -5.8
BRZS Berezniki 11.11 30 eS Sn 14 11 31.3 -1.8
BRZS Berezniki 11.11 30 eS Sn 14 13 31.3 -5.8
KPKK Kokpek 11.26 71 eP Pn 14 11 34.1 -1.1
TKD Taldyqorghan 11.42 63 eP Pn 14 11 35.7 -1.6
ZBK Taldyqorghan 11.42 63 eP Pn 14 11 35.7 -1.6
UDZ Uzynbulak 11.46 73 eP Pn 14 11 37.4 -0.6
UZB Uzynbulak 11.46 73 eP Pn 14 11 37.4 -0.6
SHLS Shalkode 11.78 73 eP Pn 14 11 46.9 +4.5
SHLS Shalkode 11.78 73 eP Pn 14 11 46.9 +4.5
PDGG Podgornoye 11.82 72 jPn Pn 14 11 43.0 +0.1
comp=Z, 5.6nm, 0.9s
fLg Lg 14 15 11.2
comp=Z, 6.7nm, 1.2s
MAK Makhachkala 12.52 286 eP pmax 14 11 48.6 -3.8
MAK Makhachkala 12.52 286 eP pmax 14 11 48.6 -3.8
comp=Z, 1.25nm, 0.9s
MLR MLR 14 11 58.1 -1.9
comp=Z, 5.52nm, 14.0s
BVAR Borovoye Array 13.09 17 Pn 14 11 58.1 -1.9
comp=Z, 1.8nm, 0.3s, baz=170, slow=19, SNR=17
Sn Sn 14 14 12.2 -13
comp=Z, 0.9nm, 0.3s, baz=227, slow=17, SNR=2.6
BRVK Borovoye 13.09 17 Pn 14 11 58.0 -2.1
comp=Z, 1.6nm, 0.6s
fSn Sn 14 14 19.9 -5.5
comp=Z, 1.7nm, 0.8s
BRVK Borovoye 13.09 17 Pn 14 11 58.2 -1.9
BRVK Borovoye 13.09 17 Pn 14 11 58.4 -1.8
KURBB Kurchatov Arra 14.18 41 Pn 14 12 11.9 -3.1
comp=Z, 0.1nm, 0.3s, baz=232, slow=13, SNR=5.5
Lg Lg 14 16 29.6
comp=Z, 2.0, 1nm, 0.3s, baz=249, slow=29, SNR=5.9
KURK Kurchatov 14.29 41 Pn 14 12 11.9 -4.5
KURK Kurchatov 14.29 41 Pn 14 12 11.9 -4.5
MAKZ Makanchi 14.35 59 jPn Pn 14 12 14.1 -3.3
comp=Z, 1.8nm, 0.8s
MAKZ Makanchi 14.35 59 jPn Pn 14 12 14.1 -3.3
MAKZ Makanchi 1.1nm, 1.1s
fSn Sn 14 14 57.7 +1.5
MAKZ Makanchi 14.35 59 Pn 14 12 15.3 -2.1
MAKZ Makanchi 14.35 59 Pn 14 12 15.3 -2.1
MAKZ Makanchi Array 14.55 59 Pn 14 12 17.7 -2.4
comp=Z, 1.2nm, 0.7s, baz=248, slow=7.3, SNR=7.2
fSn Sn 14 14 58.7 -2.3
comp=Z, 3.9nm, 0.6s, baz=247, slow=26, SNR=3.7
MK31 Makanchi Array 14.55 59 Pn 14 12 18.2 -1.9
MK31 Makanchi Array 14.55 59 Pn 14 12 18.2 -1.9
MKAR Makanchi Array 14.55 59 Pn 14 12 18.6 -3.3
comp=Z, 0.7nm, 0.3s, baz=248, slow=11, SNR=60
Lg Lg 14 16 40.3
comp=Z, 0.2nm, 0.3s, baz=240, slow=23, SNR=3.7
MKAR Makanchi Array 14.55 59 Pn 14 12 18.0 -2.1
comp=Z, 1.3nm, 0.9s
MKAR Makanchi Array 14.55 59 Pn 14 12 17.2 -2.9
GNI Gani 14.69 274 LR 14 19 25.9
GNI Gani 14.69 274 iP Pn 14 12 24.2 +2.0
comp=Z, 3.1nm, 0.9s
ZEI Tsey 15.16 285 eP Pmax 14 12 36.4 +2.8
ZEI Tsey 15.16 285 eP Pmax 14 12 36.4 +2.8
comp=Z, 1.2nm, 1.0s
KBZ Khabaz 15.93 288 Pn 14 12 35.1 -3.2
comp=Z, 0.3nm, 0.3s, baz=132, slow=11, SNR=16
Sn Sn 14 15 24.8 -10
comp=Z, 1.1nm, 0.3s, baz=203, slow=9, SNR=2.4
LR LR 14 20 51.1
KBZ Khabaz 15.93 288 eP Pn 14 12 35.4 -2.9
comp=Z, 1.1nm, 0.8s
MLR MLR 14 12 18.0 -2.1
comp=Z, 2.82nm, 17.0s
GOF Gofitskoye 15.97 293j eP Pn 14 12 38.7 -0.1
GOF Gofitskoye 15.97 293j eS Sn 14 15 28.7 -6.8
comp=Z, 30nm, 0.7s
pmax pmax 14 12 39.3 -1.3
comp=Z, 5.2nm, 0.9s
KIV Kislovodsk 16.10 289 eP Pn 14 13 37.1 -1.8
KIV Kislovodsk 16.10 289 eS Sn 14 13 37.1 -1.8
comp=Z, 2.8nm, 0.9s
MLR MLR 14 12 39.9 -1.2
comp=Z, 0.0nm, 0.3s, baz=326, slow=20, SNR=2.9
Sn Sn 14 15 31.7 -8.2
comp=Z, 0.0nm, 0.3s, baz=91, slow=22, SNR=1.5
Lg Lg 14 17 32.4
comp=Z, 3.68nm, 20.1s, baz=162, slow=38
ARU Arti 16.15 349j iP Pn 14 12 40.2 -0.9
ARU Arti 16.15 349j iS Sn 14 15 36.4 -3.5
comp=Z, 4.0nm, 0.8s
MLR MLR 14 12 42.7 -0.3
comp=Z, 2.76nm, 12.0s
SVE Sverdlovsk 16.30 353 eP Pn 14 15 38.0 -5.5
SVE Sverdlovsk 16.30 353 eS Sn 14 15 38.0 -5.5
comp=Z, 2.3nm, 0.9s
ZSN Zaisan 16.42 59 eP Pn 14 12 43.9 -0.7
ZSN Zaisan 16.42 59 eP Pn 14 12 43.9 -0.7
IOSS Minazif 17.00 205 eP Pn 14 12 52.4 +0.3
MIB Mitrabih 17.38 237 eP Pn 14 12 55.7 -1.1
QRN Al-Urain 17.77 233 eP Pn 14 13 00.2 -1.4
WMQ Urumqi 17.80 72 eP Pn 14 13 04.8 +2.1
comp=Z, 2.3nm, 0.9s
pmax pmax 14 11 04.3 -0.4
comp=Z, 2.3nm, 0.9s
pmax pmax 14 11 04.1 -0.6
BOOM Boomskeye usch 9.12 75 Pn 14 11 05.2 -0.9
BOOM Boomskeye usch 9.12 75 Pn 14 11 05.2 -0.9
CEP Cherat 9.30 135 P S 14 11 07.3 -1.2
CEP Cherat 9.30 135 P S 14 12 03.0 -7.0
ULHL Ulahol 9.32 76 P Pn 14 11 10.4 +1.6
OTUK Ortayu 9.62 35 jPn Pn 14 11 13.0 +0.3
comp=Z, 4.3nm, 0.9s
fSn Sn 14 12 56.5 -3.9
comp=Z, 1.20nm, 0.9s
jLg Lg 14 13 57.4
comp=Z, 2.03nm, 1.1s
KUU Kurty 9.69 67 eP Pn 14 11 12.4 -1.3
KUU Kurty 9.69 67 eP Pn 14 11 12.3 -1.3
KNDC Almaty 9.98 71 jLg Lg 14 14 13.5
THW Thamme Wali 10.02 139 P Pn 14 11 16.2 -2.1
MDOK Medeo 10.03 71 eP Pn 14 11 16.2 -2.4
MDOK Medeo 10.03 71 eS Sn 14 11 18.0 -2.1
MDOK Medeo 10.03 71 Pn 14 11 19.7 +1.2
comp=Z, 3.5nm, 0.6s
jPg Pn 14 11 55.9
comp=Z, 1.4nm, 0.8s
fLg Lg 14 14 11.0
MDOK Medeo 10.03 71 eP Pn 14 11 16.1 -2.4
MDOK Medeo 10.03 71 eS Sn 14 13 08.7 -2.1
MDOK Medeo 10.18 68 eP Pn 14 11 18.1 -1.4
MDOK Medeo 10.18 131 P Pn 14 11 18.0 -2.5
NIR Nilore 10.18 131 Pn 14 11 18.0 -2.5
NIR Nilore 10.18 131 Pn 14 11 18.0 -2.5
TAR Taragay, Kyrgy 10.45 80 Pn 14 11 24.0 -0.5
AKTO Aktubinsk 10.61 39 Pn 14 11 26.9 +0.6
comp=Z, 4.4nm, 0.3s, baz=154, slow=15, SNR=29
AKTO Aktubinsk 10.61 39 Pn 14 13 22.6 -2.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Herceg Novi, Rudo, Lazi#263.i, Rab, Moslavina, Tekeris, Podgorica, Ozalj, Sjenica, Divibare, Divibare, Puntijarka, Rijecka, Katinic, Lobor, Fruska Gora, Arzberg, Barje, Conrad Observa, MOA, MOA, VYHS, VYHS, WTTA, WTTA, WATA, MOTA, DAVA.

TUL 08 14:47:49.8-1.1, 36.624N:0.009-97.81W:0.02, h5km, 7km, ML2.6, mb, Lg2.428(NEIC), Error ellipse: s-maj=2.6km s-min=1.3km az=92.0

NEIC 08 14:47:49.9-1.1, 36.620N:0.009-97.81W:0.02, h5km, 7km, Error ellipse: s-maj=2.6km s-min=1.3km az=88.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CROK, CROK, CROK, OK032, KAN17, KAN19, BLOK, KAN10, KS20, KAN12, OK029, ECKOK, U32A, QUOK, OK031, T35A, OK025, OKCFA, OKCSW, FNO, R32A, X34A, WMOK, KSU1, CBK5, W39A, AMTX, MIAR, ABTX, MGOO, KSCO, P38A, X40A, R40A, L34A, PBMO.

IDC 08 14:55:41.4-1.6, 34.02N:141.75E, h0km, mb3.6/5, mb1 3.6/8, mb1mx3.4/42, mbtmp3.5/8, ML3.0/3, MS2.9/4, Ms1 3.0/4, ms1mx2.6/35, Error ellipse: s-maj=39.0km s-min=20.1km az=73.0

JMA 08 14:55:46.8-0.7, 34.04N:141.37E, h36km, M3.1, ISC 08 14:55:45.2-1.3, 34.02N:0.07-141.7E:0.1, h24km, n21, r15119, mb3.6/5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Boso, Boso, Boso, JKUC, JMKN, MJ2, HJH, JIM2, JKO, JOD2, MJAR, MAT, ASAJ, KSRS, KSRS, KLR, PETK, SONM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MKAR, KURBB, WRA, ASAR, NOA.

IDC 08 15:14:53.2:7.7, 4.34N-93.83E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/30, mbtmp3.4/3, Error ellipse: s-maj=368.4km s-min=30.8km az=57.0, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H08S2, H08S3, H08S1, MKAR, WRA, ASAR.

IDC 08 15:31:19.3:1.4, 6.66N-2.21E, h0km, mb3.9/3, mb1 4.0/6, mb1mx3.6/44, mbtmp3.9/6, ML3.6/3, Error ellipse: s-maj=25.5km s-min=18.7km az=56.0

ISC 08 15:31:21.5:1.1, 6.86N:0.08-2.21E:0.09, h10km, n15, c307/14, mb3.8/3, Benin-Togo region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KUKU, TORD, TORD, KIC, DBIC, DBIC, TIC, LIC, KOWA, KOWA, H10N2, H10N1, H10N3, H10S2, H10S3, ESDC, BOSB, MKAR.

IDC 08 15:36:07.1:10.0, 21.68N-144.68E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/46, mbtmp3.5/3, Error ellipse: s-maj=352.9km s-min=30.0km az=73.0, Marianas Islands region

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

IDC 08 16:07:26.8:5.0, 3.63N-122.06E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.4/39, mbtmp3.5/3, Error ellipse: s-maj=254.4km s-min=35.4km az=82.0, Celebes Sea

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

IDC 08 16:28:02.8:1.1, 83.00N-121.15E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.4/35, mbtmp3.6/5, Error ellipse: s-maj=67.1km s-min=20.6km az=57.0

MAN 08 16:28:17.0, 13.69N-120.67E, h90km, mb4.4, ML3.2, MS3.0, ISC 08 16:28:15.9:0.9, 13.69N:120.5E:0.1, h100km, n9, c2503/12, mb3.4/5, 3C-1D, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LUBP, LUBP, PGP, PGP, TGY, PCPH, CMAR, WRA, WRA, ASAR, MKAR, ZALV.

IDC 08 16:54:39.9:2.5, 4.98N-72.92W, h20km, 15km, mb3.4/4, mb1 3.6/6, mb1mx3.5/38, mbtmp3.7/6, ML4.2/3, MS3.2/2, Ms1 3.2/2, ms1mx2.7/22, Error ellipse: s-maj=24.5km s-min=13.4km az=14.0

RSNC 08 16:54:41.8:0.9, 5.16N:73.03W, h3km, 3km, ML4.0, Mw4.1, Fault plane solution: NP1098.00000°, 847.00000°, -2.62.00000°

ISC 08 16:54:39.8:1.1, 5.11N:102.72W:0.03, h11km, 8km, n46, r1837/22, mb3.8/5, 4C-6D, Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RUSC, RUSC, RUSC, CHIC, CHIC, VILC, VILC, VILC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PTGC, PTGC, SPBC, SPBC, SPBC, ROSC, ROSC, ROSC, ROSC, ROSC.

comp=Z,2.4um,0.4s, Puerto Gaitan, 1.23 137 eP Pg 16 55 04.4 +1.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BARC, BARC, TAMC, TAMC, TAMC, NORC, NORC, NORC, BRRC, BRRC, BRRC, PAMC, PAMC, PAMC.

comp=Z,2.4um,0.4s, Barranca, Sant, 2.12 340 eP Sg 16 55 17.0 +1.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUY2C, GUY2C, GUY2C, TOLC, TOLC, TOLC, ANIL, ANIL, ANIL, ORTC, ORTC, ORTC.

comp=Z,2.4um,0.4s, Santa Ana, 2.50 256 eP Pg 16 55 21.7 +0.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MACC, MACC, MACC, CBCC, CBCC, CBCC, GUV2C, GUV2C, GUV2C, HELC, HELC, HELC.

comp=Z,364nm,0.4s, Zaragoza, Caus, 3.03 322 eP Sg 16 55 29.0 +1.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZARC, ZARC, ZARC, MACC, MACC, MACC, CBCC, CBCC, CBCC, OCAC, OCAC, OCAC, PLMC, PLMC, PLMC, BETC, BETC, BETC.

comp=Z,2.434nm,0.6s, Yotoco, Valle, 3.55 252 eP Pg 16 56 36.3 +1.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YOTC, YOTC, YOTC, UREC, UREC, UREC, MARP, MARP, MARP, DBBC, DBBC, DBBC, SMLC, SMLC, SMLC.

comp=Z,197nm,0.4s, Paez Belalcaza, 3.73 233 eP Sg 16 55 38.9 +1.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GARC, GARC, GARC, ELOV, ELOV, ELOV, PCON, PCON, PCON, SDV, SDV, SDV, SDV, SDV, MOTC, MOTC, MOTC, MOTC, MOTC.

comp=Z,345nm,0.3s, Garzon, Huila, 3.84 221 eP Pg 16 55 39.5 +0.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GARO, GARO, GARO, ELOV, ELOV, ELOV, PCON, PCON, PCON, SDV, SDV, SDV, SDV, SDV, MOTC, MOTC, MOTC, MOTC, MOTC, PTLT, PTLT, PTLT, PCRV, PCRV, PCRV, PTGA, PTGA, PTGA, PTGA, PTGA, SJG, SJG, SJG, LPAZ, LPAZ, LPAZ, SIV, SIV, SIV, TXAR, TXAR, TXAR, SCHO, SCHO, SCHO, NVAR, NVAR, NVAR, YKA, YKA, YKA, ASAR, ASAR, ASAR, WRA, WRA, WRA.

NOU 08 17:04:59.4, 20.88S:169.63E, h50km, ML4.6/9, Vanuatu Islands, NEIC 08 17:04:59.7:1.9, 20.96S:0.09-169.59E:0.08, h86km, 9km, mb4.4/12, Error ellipse: s-maj=13.0km s-min=10.8km az=148.0

IDC 08 17:05:00.2:2.1, 21.09S:169.64E, h100km, 21km, mb3.8/5, mb1 4.1/7, mb1mx3.6/23, mbtmp4.2/7, MS3.0/3, Ms1 3.0/3, ms1mx2.6/32, Error ellipse: s-maj=76.8km s-min=16.7km az=162.0

Table with columns: LIFNC, LIFOU, P, Pn, 17 05 33.8 -1.2, etc. Includes stations like Pines Island, Ouen Island, etc.

Table with columns: 53um,0.7s, EVR, Evrytania, 0.42 129, P, Pg, 17 22 29.0 0.0, etc. Includes stations like Evrytania, Paravola, etc.

Table with columns: VLS, VLS, S, S, 17 22 59.8 +0.3, etc. Includes stations like Valsamata, etc.

IDC 08 17:17:06.3;2.2,48.81S;108.49E,h0km,mb3.8/3, mb1 3.9/3,mb1mx3.6/25,mbtmp3.7/3,MS3.2/1,Ms1 3.1/1, ms1mx2.6/27, Error ellipse: s-maj=83.0km s-min=50.1km az=121.0, Southeast Indian Ridge

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

Table with columns: KPRO, KPRO, 0.77 359, P, Pg, 17 22 35.3 -0.3, etc. Includes stations like Kiprourio, etc.

Table with columns: VLMs, VLMs, S, S, 17 22 46.5 +0.1, etc. Includes stations like Volimes, etc.

MOS 08 17:22:19.4;1.2,39.20N;21.35E,h12km,mb4.7/10, Error ellipse: s-maj=5.3km s-min=3.5km az=87.6 NEIC 08 17:22:20.8,39.28N;21.40E,h26km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mw0.48;

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

Table with columns: EVGI, EVGI, 0.80 226, P, Pg, 17 22 35.2 -0.9, etc. Includes stations like Lefkada island, etc.

Table with columns: VLMs, VLMs, S, S, 17 22 46.5 +0.1, etc. Includes stations like Volimes, etc.

HLW 08 17:22:20.2,39.22N;21.95E,h10km,25km,Md5.0,ML4.8 ATH 08 17:22:20.6,39.24N;21.38E,h11km,2km,ML4.2/40, Error ellipse: s-maj=2.2km s-min=0.9km az=263.0 NEIC 08 17:22:20.9;2.2,39.25N;0.05;21.41E;0.06,h7km,4km, mb4.6/64,Mw4.4/20,ML4.3(TH), Error ellipse: s-maj=7.8km s-min=5.9km az=204.0

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

Table with columns: KPRO, KPRO, 0.77 359, P, Pg, 17 22 35.3 -0.3, etc. Includes stations like Kiprourio, etc.

Table with columns: VLMs, VLMs, S, S, 17 22 46.5 +0.1, etc. Includes stations like Volimes, etc.

THE 08 17:22:20.5,39.21N;21.39E,h0km,1km,ML4.3/29 Error ellipse: s-maj=1.7km s-min=0.5km az=334.0 IDC 08 17:22:21.2;3.2,39.22N;21.42E,h12km,20km,mb4.2/25, mb1 4.2/37,mb1mx4.1/65,mbtmp4.2/37,ML3.9/12, MS3.7/34,Ms1 3.7/34,ms1mx3.6/46, Error ellipse: s-maj=11.7km s-min=10.9km az=140.0 BEO 08 17:22:21.1;0.6,39.22N;21.47E,h0km,ML4.1/13 GCMT 08 17:22:24.0;0.5,39.33N;0.05;21.33E;0.04,h19km,1km, MW4.8/67, Moment Tensor Solution. s14,c16; s67,c90; Duration: 0. Moment tensor: Scale 10^19Nm; Mw1.86;1.4; Mw0.96;0.9; Mw0.89;0.8; Mw0.43;0.2; Mw0.07;0.06; Mw0.03;0.16. Best double couple: M11.8290000; M12.8700000; NP1.35.00000; NP2.00000; lambda=87.00000; lambda=93.00000; NP2.0;320.00000; 651.00000; lambda=88.00000. Principal axes: T 1.0500, Plg6.0000; Azm49.0000; N 0.0600, Plg42.0000; Azm139.0000; P -1.1200, Plg84.0000; Azm245.0000; 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, Phase ID, Time Res, ISC. Includes stations like Palaion Diasel, etc.

Table with columns: RLS, RLS, 1.12 177, P, Pg, 17 22 41.3 -0.9, etc. Includes stations like Riolois of Patr, etc.

Table with columns: VLS, VLS, S, S, 17 22 42.0 -1.2, etc. Includes stations like Valsamata, etc.

8d 17h

Table with columns: Athlete, Country, Discipline, Date, Time, and other details. Includes athletes like AML, Pn, and various event results.

Table with columns: Athlete, Country, Discipline, Date, Time, and other details. Includes athletes like ZIRJ, Pn, and various event results.

Table with columns: Athlete, Country, Discipline, Date, Time, and other details. Includes athletes like NIE, Pn, and various event results.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK Minsk, GURO Guromak-BITLI, PABE Paberze, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKTO, FAUS Fauske, GEYT, ABKAR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ILULI, ILULI Ilulissat, WMQ Urumqi, etc.

IDD 08 17:37:49.8:6.5, 35:52N:69:78E, h81km, 59km, mb3.4/6, mb1.3/5.10, mb1mx3.2/5.1, mbtmp3.8/10, ML3.8/4 Error ellipse: s-maj=43.5km s-min=26.5km az=26.0 NNC 08 17:37:57.3:6.3, 32:36:46N:69:01E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=27.0km s-min=21.2km az=135.0 ISC 08 17:37:49.5:0.9, 35:57N:0:08:69:83E:0:10, h87km, n30, :629734, mb3.6/6, 3C:3D, Hindu Kush region

Table with columns: Station ID, Name, Azimuth, Elevation, Signal Strength, Date/Time, and other parameters. Includes stations like FRU1, KBK, CHMS, USP, BOOM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like KPKS, PDGK, KTMS, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Signal Strength, Date/Time, and other parameters. Includes stations like KDAK, GAMB, SVWZ, etc.

MJAR	Matsushiro Arr	39.53 267	P	P	19 17 00.2 -0.7
MJAR	comp=Z,31nm,1.6s				
MJAR	Matsushiro Arr	39.53 267	P	I	19 17 00.2 -0.7
MJAR	comp=Z,31nm,1.6s				
MJB9	Matsu-Tunnel	39.53 268	P	I	19 17 00.6 -0.3
MJB9	comp=Z,50nm,1.2s				
R11A	Troy Canyon, C	39.55 89	P	P	19 17 02.1 +0.9
R11A	baz=309,SNR=13				
AHID	Auburn Hatcher	39.63 80	P	I	19 17 02.2 +0.3
AHID	comp=Z,34nm,1.2s				
MDJ	Furnace Creek	39.91 284	P	P	19 17 01.8 -2.1
FURC	Mudanjari	39.97 92	P	P	19 17 05.7 +1.3
TPNV	Topopah Spring	40.03 91	P	P	19 17 06.0 +0.8
TPNV	comp=Z,18nm,0.9s				
TPNV	Topopah Spring	40.03 91	P	I	19 17 06.0 +0.8
TPNV	comp=Z,18nm,0.8s				
TPNV	Topopah Spring	40.03 91	P	P	19 17 06.5 +1.3
TPNV	baz=310,SNR=24				
OSI	Ostio Audit: C	40.06 96	P	I	19 17 05.9 +0.6
OSI	comp=Z,23nm,1.1s				
DUG	Dugway, Tooele	40.11 84	P	P	19 17 07.0 +1.2
LRC	Laurel Mtn Rad	40.12 94	P	P	19 17 06.4 +0.5
LRC	baz=311				
MSHR	Myrs Shultsa	40.13 280	ceP	P	19 17 05.0 -0.7
MSHR	comp=Z,28nm,1.3s				
EDW2	Edwards Air Fo	40.32 95	P	P	19 17 08.0 +0.5
EDW2	baz=312				
LAO	LASA Array	40.35 72	P	P	19 17 08.3 +0.7
LAO	LASA Array	40.35 72	P	P	19 17 08.5 +0.8
LAO	baz=302,SNR=5.6				
BW06	Boulder Array	40.56 79	P	P	19 17 10.1 +0.5
BW06	baz=305,SNR=31				
PD31	Pinedale Array	40.56 79	P	I	19 17 09.8 +0.2
PD31	comp=Z,24nm,0.8s				
PDAR	Pinedale Array	40.56 79	P	P	19 17 10.2 +0.6
PDAR	comp=Z,18nm,0.7s,baz=309,slow=4.9,SNR=126				
PDAR	comp=Z,1.1nm,0.9s,baz=0.0,slow=0.6,SNR=4.0				
PDAR	comp=Z,436nm,21.6s,baz=313,slow=32				
PDAR	Pinedale Array	40.56 79	P	P	19 17 09.8 +0.2
DGMT	Dagmar	40.56 69	P	I	19 17 09.7 +0.2
DGMT	comp=Z,1.1nm,0.9s,baz=0.0,slow=0.6,SNR=4.0				
JGF	Kuroka	40.67 267	P	P	19 17 09.7 -0.6
SHOC	Shoshone, Teco	40.70 92	P	P	19 17 11.7 +1.1
SHOC	baz=311,SNR=5.4				
GSC	Goldstone, Bar	40.77 93	P	P	19 17 11.8 +0.6
GSC	comp=Z,22nm,0.9s				
GSC	Goldstone, Bar	40.77 93	P	I	19 17 11.8 +0.6
GSC	comp=Z,22nm,0.9s				
GSC	Goldstone, Bar	40.77 93	P	P	19 17 12.4 +1.1
GSC	baz=313,SNR=2.6				
BFSC	Mount Baldy Ra	40.96 95	P	P	19 17 14.0 +1.1
BFSC	baz=312,SNR=7.5				
FCC	Fort Churchill	41.03 50	P	P	19 17 13.5 +0.6
FCC	comp=Z,44nm,1.1s				
FCC	Fort Churchill	41.03 50	P	I	19 17 13.5 +0.6
FCC	comp=Z,44nm,1.1s				
TUQ	Turquoise Moun	41.22 92	P	P	19 17 16.0 +1.0
TUQ	baz=311				
HEC	Hector,Ludlow	41.37 94	P	P	19 17 17.2 +1.1
HEC	baz=312				
GMRC	Granite Mounta	41.81 93	P	P	19 17 20.8 +1.0
GMRC	baz=312,SNR=12				
BOD	Bodaibo	41.82 309	eP	P	19 17 18.2 -1.2
BOD	comp=Z,31nm,1.0s				
JWT	Wachi	42.07 268	P	I	19 17 21.4 -0.4
JWT	comp=Z,31nm,1.0s				
PFO	Pinyon Flats O	42.12 95	P	P	19 17 22.5 +0.2
PFO	comp=Z,4.6nm,0.8s,baz=340,slow=7.0,SNR=5.6				
PFO	Pinyon Flats O	42.12 95	P	P	19 17 22.5 +0.2
PFO	comp=Z,13nm,1.0s				
PFO	Pinyon Flats O	42.12 95	P	P	19 17 22.5 +0.2
PFO	comp=Z,13nm,1.0s				
PFO	Pinyon Flats O	42.12 95	P	P	19 17 23.0 +0.6
PFO	baz=313				
BELC	Belle Mtn, Jos	42.13 94	P	P	19 17 23.0 +0.5
BELC	baz=312,SNR=7.5				
K22A	Casper	42.44 77	P	I	19 17 24.0 -0.1
K22A	comp=Z,26nm,0.9s				
K22A	Casper	42.44 77	P	P	19 17 25.2 +0.3
K22A	baz=306,SNR=8.0				
IRM	Iron Mountain	42.55 93	P	P	19 17 26.6 +0.8
IRM	baz=312,SNR=11				
MONP2	Monument Peak	42.63 96	P	P	19 17 27.6 +0.9
MONP2	baz=313,SNR=5.3				
U15A	North Rim	42.79 88	P	I	19 17 28.6 +0.6
U15A	comp=Z,27nm,0.9s				
CN2	Changchun	42.83 285	eP	S	19 17 26.1 -1.8
CN2	comp=Z,10.0nm,1.2s				
CN2	comp=Z,100nm,3.0s				
CN2	comp=Z,300nm,17.0s				
CN2	comp=Z,600nm,17.0s				
CN2	comp=Z,700nm,15.0s				
O20A	White River Ci	42.92 81	P	P	19 17 29.2 +0.4
O20A	baz=308,SNR=4.2				
SWSC	Sam W. Stewart	42.97 95	P	P	19 17 29.6 +0.5
SWSC	baz=313				
IKP	In-Ko-Pah, Jac	42.99 96	P	P	19 17 30.2 +0.9
IKP	baz=314,SNR=6.5				
RSSD	Black Hills	43.06 74	P	P	19 17 29.7 -0.3
RSSD	comp=Z,44nm,1.5s				
RSSD	Black Hills	43.06 74	P	I	19 17 29.7 -0.3
RSSD	comp=Z,44nm,1.5s				
RSSD	Black Hills	43.06 74	P	P	19 17 30.0 0.0
RSSD	baz=305				
PDMCI	Parker Dam,Lak	43.06 92	P	P	19 17 30.8 +0.9
PDMCI	baz=312,SNR=5.2				
HIA	Hailar	43.06 295	P	P	19 17 29.0 -0.7
HIA	comp=Z,13nm,0.8s				
HIA	Hailar	43.06 295	P	P	19 17 34.3 +0.9
HIA	Glamis	43.06 295	P	P	19 17 33.6 -0.1
HIA	baz=313				
PV23	Carpenter Ridg	43.50 84	P	I	19 17 34.9
PV23	comp=Z,37nm,1.0s				
MDND	Madlock	43.52 67	P	P	19 17 33.9 +0.5
E28A	Huff	43.60 69	P	I	19 17 34.7 +0.6
E28A	comp=Z,53nm,1.1s				
JHS	Saijyo	43.66 270	P	I	19 17 34.7 0.0
JHS	comp=Z,26nm,1.1s				
PV12	Saucer Basin,	43.71 84	P	I	19 17 35.7 +0.4
PV12	comp=Z,41nm,0.9s				
N23A	Red Feather La	43.84 79	P	P	19 17 37.1 +0.7
N23A	baz=307,SNR=9.1				
PHWY	Pilot Hill	43.88 78	P	P	19 17 36.3 -0.4
WUAZ	Wupatki	43.95 89	P	I	19 17 37.6 +0.4
WUAZ	comp=Z,33nm,0.8s				
WUAZ	Wupatki	43.95 89	P	P	19 17 38.3 +1.1
WUAZ	baz=311,SNR=13				
Y14A	Wickenburg	44.01 92	P	P	19 17 37.6 +0.1
ULM	Lac du Bonnet	44.27 62	P	P	19 17 39.8 +0.4
ULM	comp=Z,6.2nm,0.8s,baz=297,slow=11,SNR=5.4				

ULM	comp=Z,422nm,20.9s,baz=300,slow=36				
ULM	Lac du Bonnet	44.27 62	P	P	19 17 39.2 -0.2
ULM	comp=Z,16nm,1.0s				
ULM	Lac du Bonnet	44.27 62	P	P	19 17 39.2 -0.2
MVCO	Mesa Verde	44.60 85	P	I	19 17 42.2 -0.3
MVCO	comp=Z,33nm,1.3s				
MVCO	Mesa Verde	44.60 85	P	P	19 17 42.9 +0.4
MVCO	baz=310,SNR=8.1				
ISCO	Idaho Springs	44.71 80	P	P	19 17 43.7 +0.3
ISCO	baz=308,SNR=9.7				
NEEM	North Greenan	44.97 16	iP	I	19 17 45.8 +0.8
NEEM	comp=Z,16nm,1.0s				
SNY	Shenyang	45.11 284	iP	P	19 17 45.8 -0.3
SNY	comp=Z,19nm,0.9s				
SNY	comp=Z,86nm,3.9s				
SNY	comp=Z,370nm,14.0s				
SNY	comp=Z,530nm,16.1s				
SNY	comp=Z,820nm,16.1s				
W18A	Petrified Fore	45.22 88	P	P	19 17 47.8 +0.5
W18A	comp=Z,7.1nm,0.9s,baz=56,slow=7.6,SNR=31				
KSRS	Korea Array	45.23 276	P	P	19 17 47.0 -0.1
KSRS	comp=Z,196nm,19.1s,baz=56,slow=37				
KS19	Wonju Array Si	45.23 277	P	I	19 17 47.2 0.0
KS19	comp=Z,18nm,1.0s				
KSAR	Wonju Array Be	45.26 276	P	P	19 17 46.8 -0.6
KSAR	comp=Z,18nm,1.0s				
S22A	4UR Ranch, Cre	45.27 83	P	P	19 17 48.6 +0.7
S22A	Agassiz Station				
AGMN	Agassiz Station	45.35 64	P	I	19 17 47.5 -0.5
AGMN	comp=Z,24nm,0.9s				
AGMN	Agassiz Station	45.35 64	P	P	19 17 48.0 0.0
AGMN	baz=304,SNR=5.8				
214A	Organ Pipe Nat	45.48 94	P	P	19 17 49.6 +0.3
214A	baz=314,SNR=7.3				
Q24A	Divide	45.52 80	P	P	19 17 50.2 +0.4
Q24A	baz=309				
SUSD	Miller	45.83 70	P	P	19 17 51.7 -0.2
SUSD	comp=Z,306				
INCN	Inchon	45.99 277	P	P	19 17 52.7 -0.5
INCN	comp=Z,18nm,0.6s				
INCN	Inchon	45.99 277	P	I	19 17 52.7 -0.5
INCN	comp=Z,18nm,0.6s				
SDCO	Great Sand Dun	46.08 82	P	I	19 17 54.4 +0.1
SDCO	comp=Z,21nm,1.0s				
SDCO	Great Sand Dun	46.08 82	P	P	19 17 54.8 +0.5
SDCO	baz=310,SNR=23				
OGNE	Ogallala	46.15 76	P	P	19 17 54.9 +0.4
OGNE	baz=308				
JTU	Tsushima	46.25 272	P	I	19 17 55.3 +0.1
JTU	comp=Z,34nm,1.1s				
TJN	Taejon	46.27 276	ceP	P	19 17 55.1 -0.2
TJN	comp=Z,7.6nm,0.8s,baz=74,slow=8.8,SNR=7.1				
NR1K	Noril'sk	46.28 331	eP	LR	19 17 55.2 +0.2
NR1K	comp=Z,544nm,20.5s,baz=128,slow=38				
NR1K	Noril'sk	46.28 331	ceP	P	19 17 54.8 -0.3
NR1K	comp=Z,13nm,1.0s				
NR1K	Noril'sk	46.28 331	P	P	19 17 55.4 +0.3
NR1K	Noril'sk	46.29 270	P	P	19 17 55.8 +0.1
NR1K	comp=Z,34nm,0.9s,baz=48,slow=5.7,SNR=19				
JNU	Nakatsue	46.29 270	P	P	19 17 55.6 -0.1
JNU	comp=Z,34nm,0.9s,baz=48,slow=5.7,SNR=19				
TUC	Tucson	46.48 92	P	P	19 17 57.5 +0.3
TUC	comp=Z,17nm,0.9s				
TUC	Tucson	46.48 92	P	I	19 17 57.5 +0.3
TUC	comp=Z,17nm,0.9s				
B35A	Bob, Littlefor	46.49 63	P	I	19 17 56.7 -0.3
B35A	comp=Z,17nm,0.9s				
KSCO	Kaye Shedlock	47.01 79	P	P	19 18 01.9 +0.6
KSCO	baz=309				
T25A	Trinidad	47.13 82	P	P	19 18 03.2 +0.7
T25A	comp=Z,310,SNR=36				
ANMO	Albuquerque	47.34 86	ceP	P	19 18 04.6 +0.6
ANMO	comp=Z,20nm,1.3s				
ANMO	Albuquerque	47.34 86	P	I	19 18 03.7 -0.3
ANMO	comp=Z,29nm,1.4s				
ANMO	Albuquerque	47.34 86	P	P	19 18 04.0 0.0
ANMO	baz=312				
ECSO	EROS Data Cent	47.61 70	P	I	19 18 05.0 -0.8
ECSO	comp=Z,20nm,1.1s				
ECSO	EROS Data Cent	47.61 70	P	P	19 18 04.9 -0.9
ECSO	baz=307,SNR=10				
Y22D	IRIS P ASSCAL I	47.64 87	P	P	19 18 07.2 +0.9
Y22D	comp=Z,12nm,0.9s,baz=4.5,slow=13,SNR=7.2				
JSU	Suzuyama	47.67 268	P	I	19 18 05.7 -0.7
JSU	comp=Z,33nm,1.3s				
EYMN	Ely	47.94 62	P	I	19 18 08.1 -0.2
EYMN	comp=Z,19nm,0.9s				
EYMN	Ely	47.94 62	P	P	19 18 07.8 -0.5
EYMN	baz=306,SNR=5.6				
DL2	Dalian	48.09 282	P	S	19 18 08.9 -0.7
DL2	comp=Z,18nm,1.2s				
DL2	comp=Z,390nm,14.6s				
DL2	comp=Z,400nm,18.5s				
DL2	comp=Z,560nm,29.0s				
BGNE					

SADO	comp-Z,11nm,0.8s	I	Amb	I	Amb	19 19 35.2
ANGG	Ammassalik, Gr	56.68	22	i	P	19 19 12.3 -0.5
ANGG	comp-Z,7.1nm,0.7s			I	Amb	19 19 13.8
NATX	Nacodgodes	56.68	80	P	P	19 19 13.3 0.0
HAMF	Hammerfest	56.85	355	eP	P	19 19 13.8 -0.2
P49A	Miami Univ. Ec	57.10	67	P	P	19 19 15.2 -1.0
P49A	comp-Z,17nm,0.9s			I	Amb	19 19 23.4
P49A	Miami Univ. Ec	57.10	67	P	P	19 19 14.1 -2.1
WCI	Wyandotte Cave	57.11	69	P	P	19 19 15.1 -1.2
WCI	comp-Z,15nm,0.8s			P	max	
WCI	Wyandotte Cave	57.11	69	P	P	19 19 15.1 -1.2
WCI	comp-Z,15nm,0.8s			I	Amb	19 19 40.8
WCI	Wyandotte Cave	57.11	69	P	P	19 19 15.3 -0.9
ZAA0	Zalesovo Array	57.26	317	P	P	19 19 16.7 -0.4
ZAA0	comp-Z,1.3nm,0.4s			P	P	19 20 11.6 +0.5
ZALV	Zalesovo Beam	57.26	317	P	P	19 19 17.1 0.0
ZALV	comp-Z,1.3nm,0.4s			P	P	19 20 11.6 +0.5
ZALV	comp-Z,2.3nm,0.9s			P	P	19 20 11.6 +0.5
ZALV	comp-Z,555nm,21.9s			P	P	19 44 41.0
ZALV	Zalesovo Beam	57.26	317	i	P	19 19 17.5 +0.4
ZALV	comp-Z,1.0nm,0.4s			P	P	19 19 16.8 -0.3
ZALV	Zalesovo Beam	57.26	317	P	P	19 20 11.5 +0.5
PLVO	Plevna	57.44	57	P	P	19 19 18.6 +0.1
PLVO	comp-Z,18nm,0.9s			I	Amb	19 19 52.9
T47A	Sharon Grove	57.50	70	P	P	19 19 18.3 -0.7
KEY	Kevo	57.51	353	P	P	19 19 18.7 +0.1
KEY	comp-Z,88nm,1.7s			P	max	
KEY	Kevo	57.51	353	eP	P	19 19 18.5 -0.1
KEY	Kevo	57.51	353	P	P	19 19 18.7 +0.1
DELO	Deloro Mine	57.52	58	P	P	19 19 19.6 +0.5
DELO	comp-Z,17nm,0.9s			I	Amb	19 19 38.0
WWT	Waverly	57.67	71	P	P	19 19 19.5 -0.8
WWT	comp-Z,42nm,1.5s			P	max	
WWT	Waverly	57.67	71	P	P	19 19 19.5 -0.8
WWT	Waverly	57.67	71	P	P	19 19 19.7 -0.6
ARA0	ARCESS Array S	57.83	354	eP	P	19 19 20.9 0.0
ARCES	ARCESS Array B	57.83	354	P	P	19 19 20.7 -0.3
ARCES	comp-Z,6.9nm,0.8s			P	P	19 46 23.0
ARCES	comp-Z,569nm,19.0s			P	P	19 20 20.6 -0.3
ARCES	ARCESS Array B	57.83	354	P	P	19 19 20.6 -0.3
ARCES	comp-Z,16nm,1.0s			I	Amb	19 20 14.7
ARCES	ARCESS Array B	57.83	354	P	P	19 19 20.6 -0.3
OXF	Oxford	57.88	74	P	P	19 19 20.9 -0.9
OXF	comp-Z,16nm,1.0s			P	P	19 19 22.8 +0.1
M53A	WI Miller and	58.02	62	P	P	19 19 22.8 +0.1
M53A	comp-Z,314			P	P	19 19 23.1 +0.5
TROMS	Tromsø	58.08	356	eP	P	19 19 24.1 +1.3
JETT	Jettan, Norway	58.16	62	P	P	19 19 23.7 0.0
ALLY	Alegheny Collye	58.19	67	P	P	19 19 23.1 -0.7
R50A	Paris	58.19	67	P	P	19 19 48.7
R50A	comp-Z,16nm,0.8s			I	Amb	19 19 25.5 -1.0
Q51A	Peebles	58.22	66	P	P	19 19 23.4 -0.7
PECO	Prince Edward	58.25	58	P	P	19 19 23.9 -0.2
KT1K	Kautokeino	58.49	355	eP	P	19 19 24.9 -0.7
LV4Z	Oil Creek Stat	58.52	62	P	P	19 19 24.7 -1.5
LV4Z	comp-Z,314			P	P	19 19 25.5 -1.0
LVZ	Lovozero	58.62	349	eP	P	19 19 25.5 -1.0
LVZ	comp-Z,40nm,0.8s			P	max	
LVZ	Lovozero	58.62	349	P	P	19 19 25.8 -0.6
KIF	Kilpisjärvi	58.83	356	eP	P	19 19 25.7 0.7
HIF7A	Richville	58.71	57	P	P	19 19 27.3 -0.1
N54A	Moraine State	58.73	62	P	P	19 19 25.4 -2.2
N54A	comp-Z,314			P	P	19 19 27.5 -0.5
T50A	Nancy	58.78	69	P	P	19 19 27.5 -0.5
T50A	comp-Z,27nm,1.3s			I	Amb	19 19 50.0
XAN	Xi'an	58.91	287	P	P	19 19 28.2 -0.8
XAN	comp-Z,21nm,1.1s			P	P	19 19 38.2 -0.8
XAN	Xi'an	58.91	287	P	P	19 19 28.2 -0.8
XAN	Xi'an	58.91	287	P	P	19 19 32.3 -0.4
XAN	comp-Z,21nm,1.1s			P	max	
XAN	comp-Z,480nm,5.2s			P	max	
XAN	comp-Z,460nm,17.3s			LR	LR	
XAN	comp-Z,760nm,17.3s			LR	LR	
XAN	comp-Z,1µm,17.5s			LR	LR	
I57A	Carthage	58.94	57	P	P	19 19 29.3 +0.3
K56A	Middlesex	58.94	59	P	P	19 19 29.8 +0.8
K56A	comp-Z,314			P	P	19 19 28.9 -0.6
LONY	Lake Ozonia	59.01	56	P	P	19 19 28.9 -0.6
LONY	comp-Z,14nm,0.9s			I	Amb	19 19 56.7
LONY	Lake Ozonia	59.01	56	P	P	19 19 28.9 -0.6
SSLB	Suangleung	59.04	269	P	P	19 19 29.8 -0.2
HEF	Hetta	59.07	354	eP	P	19 19 29.4 -0.1
YULB	Yu-ili	59.12	269	P	P	19 19 30.3 -0.2
J57A	Williamstown	59.13	58	P	P	19 19 30.5 +0.1
DGZ	Jazzator, Alta	59.17	313	i	P	19 19 31.1 +0.4
DGZ	comp-Z,12nm,0.9s			P	max	
H58A	Gabriels	59.35	56	P	P	19 19 31.5 -0.5
H58A	comp-Z,315			P	P	19 19 31.6 -0.9
H58A	Cadyville	59.44	56	P	P	19 19 32.8 +0.1
I58A	Old Forge	59.46	57	P	P	19 19 33.5 +0.3
I58A	Remsen	59.53	58	P	P	19 19 33.5 +0.3
NCB	Newcomb	59.65	56	P	P	19 19 34.1 +0.2
NCB	comp-Z,11nm,0.9s			I	Amb	19 19 35.7
MOQ	Mont Orford	59.69	54	P	P	19 19 34.1 -0.2
MCWV	Mont Chateau	59.72	63	P	P	19 19 34.3 -0.2
LOF	Lofoten	59.73	359	eP	P	19 19 34.6 +0.6
TZTN	Tazewell	59.84	68	P	P	19 19 35.0 -0.4
J59A	Piesco	59.86	57	P	P	19 19 35.2 -0.3
I59A	Olmsteadville	59.95	56	P	P	19 19 35.9 -0.1
D62A	Allapoint, All	59.98	51	P	P	19 19 36.1 0.0
O56A	Blue Knob Stat	59.98	62	P	P	19 19 35.8 -0.5
BINY	Binghamton	59.99	59	P	P	19 19 35.6 -0.7
E62A	Clayton Lake	60.09	52	P	P	19 19 36.6 -0.3
SSPA	Standing Stone	60.09	61	P	P	19 19 36.9 -0.1
SSPA	comp-Z,17nm,0.9s			I	Amb	19 19 37.7
SSPA	Standing Stone	60.09	61	P	P	19 19 36.8 -0.2
GTA	Gaotai	60.30	297	i	P	19 19 37.2 -1.4
GTA	comp-Z,9.0nm,1.3s			P	P	19 19 46.3 -2.1
GTA	Gaotai	60.30	297	P	P	19 19 50.2 -2.2
GTA	comp-Z,190nm,5.3s			S	S	19 20 07.8 +1.4
GTA	comp-Z,440nm,21.8s			P	max	
GTA	comp-Z,840nm,19.3s			LR	LR	

GTA	comp-Z,980nm,20.0s			LR	LR	
V52A	Sevrievirre	60.32	69	P	P	19 19 38.1 -0.5
V52A	comp-Z,20nm,1.1s			I	Amb	19 19 58.9
LRAL	Lakeview Retra	60.34	73	P	P	19 19 37.5 -1.3
LZH	Lanzhou	60.40	292	eP	P	19 19 38.8 -0.6
LZH	comp-Z,36nm,1.3s			P	P	19 19 48.9 -0.4
LZH	comp-Z,1µm,16.3s			P	max	
LZH	comp-Z,110nm,6.4s			P	max	
LZH	comp-Z,1µm,16.3s			LR	LR	
LZH	comp-Z,1µm,16.0s			LR	LR	
LZH	comp-Z,940nm,17.6s			P	P	19 19 38.6 -0.3
FAUS	Fauske	60.44	358	eP	P	19 19 38.8 -0.6
D63A	Stockholm	60.46	50	P	P	19 19 40.0 +0.2
L59A	Walton	60.49	58	P	P	19 19 40.4 +0.1
J60A	Lant Hill Farm	60.58	57	P	P	19 19 40.4 +0.1
G62A	West of Eustis	60.60	53	P	P	19 19 40.1 -0.4
G62A	comp-Z,16nm,1.1s			I	Amb	19 20 16.1
G62A	West of Eustis	60.60	53	P	P	19 19 40.1 -0.4
LBNH	Lisbon	60.62	55	P	P	19 19 39.6 -0.9
E63A	Oxbow	60.75	51	P	P	19 19 41.2 -0.3
H62A	Milan	60.76	54	P	P	19 19 41.2 -0.3
H62A	comp-Z,12nm,0.8s			I	Amb	19 19 42.5
J61A	Chester	60.94	56	P	P	19 19 41.2 -0.3
F63A	Nahmakanta, Br	60.95	52	P	P	19 19 43.1 +0.3
N59A	State Game Lan	61.02	60	P	P	19 19 42.6 -0.2
E64A	Bridgewater	61.04	51	P	P	19 19 43.5 +0.1
BLA	Blacksburg	61.13	66	P	P	19 19 42.6 -0.8
BLA	comp-Z,27nm,0.8s			P	max	
BLA	Blacksburg	61.13	66	P	P	19 19 44.1 -0.2
BLA	Blacksburg	61.13	66	P	P	19 19 44.3 +0.1
F64A	Sherman	61.20	51	P	P	19 19 43.7 -0.7
ENH	Enshi	61.27	283	P	P	19 19 44.8 -0.4
ENH	comp-Z,21nm,1.0s			I	Amb	19 20 20.0
K62A	Royalston	61.60	56	P	P	19 19 47.1 -0.1
BRAL	Brewton	61.65	75	P	P	19 19 47.7 0.0
ZSN	Zaisan	61.98	312	eP	P	19 19 47.5 -2.3
ZSN	comp-Z,15nm,1.5s			P	max	
ZSN	Zaisan	61.98	312	eP	P	19 19 47.4 -2.3
KM5C	Kings Mountain	62.10	68	P	P	19 19 49.9 -0.8
GOGA	Godfrey	62.13	71	P	P	19 19 50.1 -0.8
GGN	Saint George	62.46	51	P	P	19 19 52.0 -0.1
PRGR	Perngong	62.87	342	eP	P	19 19 54.0 -1.4
PRGR	comp-Z,7.0nm,0.8s			P	max	
LMN	Caledonia Moun	62.88	49	P	P	19 20 02.5 +3.5
WMQ	Urumqi	63.35	308	eP	P	19 19 55.9 +0.2
WMQ	comp-Z,490nm,16.5s			LR	LR	
WMQ	comp-Z,310nm,20.9s			LR	LR	
WMQ	comp-Z,310nm,20.1s			LR	LR	
DRLN	Deer Lake	63.50	43	P	P	19 19 59.8 0.0
SVE	Sverdlovsk	63.55	332	eP	P	19 20 00.2 +0.2
BRVK	Borovoye	63.56	324	eP	P	19 19 59.5 -0.6
BRVK	comp-Z,15nm,0.8s			P	max	
BRVK	Borovoye	63.56	324	P	P	19 19 59.8 -0.4
BRVK	comp-Z,14nm,0.9s			I	Amb	19 20 02.1
MK31	Makanchi Array	63.63	313	P	P	19 19 59.7 -1.1
MK31	comp-Z,5.0nm,1.0s			P	max	
MK31	Makanchi Array	63.63	313	P	P	19 19 59.7 -1.1
MKAR	Makanchi Array	63.63	313	P	P	19 20 00.1 -0.7
MKAR	comp-Z,4.8nm,0.8s			LR	LR	19 48 17.0
MKAR	comp-Z,592nm,20.3s			P	P	19 20 00.1 -0.7
MKAR	Makanchi Array	63.63	313	i	P	19 20 00.1 -0.7
MKAR	comp-Z,6.0nm,0.9s			P	max	
MKAR	Makanchi Array	63.63	313	P	P	19 20 00.2 -0.5
MAKZ	Makanchi	63.76	313	P	P	19 20 00.5 -1.1
MAKZ	comp-Z,7.0nm,1.0s			P	max	
CD2	Chengdu	64.19	288	P	P	19 20 05.2 +0.5
CD2	comp-Z,40nm,0.9s			P	max	
CD2	comp-Z,860nm,10.8s			LR	LR	
CD2	comp-Z,890nm,18.9s			LR	LR	
CD2	comp-Z,870nm,20.6s			LR	LR	
ARU	Arti	64.48	333	LR	LR	19 52 29.1
ARU	comp-Z,410nm,19.3s			P	P	19 20 05.5 -0.6
ARU	Arti	64.48	333	i	P	19 20 37.6
ARU	comp-Z,455nm,20.4s			S	S	19 28 43.7 +1.3
ARU	Arti	64.48	333	P	P	19 32 56.1 +4.3
ARU	comp-Z,18nm,1.2s			P	max	
KLMR	Klimovskoe	64.67	345	eP	P	19 20 05.8 -0.3
KLMR	comp-Z,13nm,1.7s			I	Amb	19 20 30.0
KLMR	Klimovskoe	64.67	345	eP	P	19 20 04.9 -2.3
KLMR	comp-Z,13nm,1.7s			P	max	
TLIG	Tiapa</					

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GROB Grobnik, VOIR Charters Tower, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H03N2 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez, etc.

ISC 08 19:31:41.8, 0.0, 9.5S; 126.48E, h0km, mb3.9/8, mb1 3.9/10, mb1mx3.7/46, mbtmp3.9/10, ML3.2/2, Error ellipse: s-maj=26.9km s-min=16.0km az=68.0

NEIC 08 19:31:48.6, 1.6, 1.04S; 0.06, 126.43E, 0.07, h48km, 8km, mb4.3/13, Error ellipse: s-maj=9.6km s-min=9.2km az=62.0

ISC 08 19:31:47.0, 0.1, 5.0SS; 106.06, 126.40E, 0.07, h35km, n34, r1505/39, mb4.3/12, Southern Molucca Sea

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TNTI Ternate, SJJI Sorong, KAPI Kappang, etc.

ISU 08 19:37:30, 40.58N; 64.06E, h5km, IDC 08 19:37:30.5, 1.9, 40.56N; 63.90E, h0km, mb1 3.4/3, mb1mx3.1/38, mbtmp3.4/3, 1.4, Error ellipse: s-maj=23.4km s-min=17.2km az=147.0

NNC 08 19:37:31.7, 1.3, 40.84N; 63.92E, h8km, 15km, mb3.4, mpv3.0, Error ellipse: s-maj=15.5km s-min=8.7km az=164.0

ISC 08 19:37:29.8, 0.7, 40.58N; 0.05, 63.91E, 0.04, h11km, n14, r1566/23, 6C-4D, Northwestern Uzbekistan

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DZN Dzhankel'dy, GZLY Gazly, TMD Tamdy-Bulak, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AKTO 0.9nm, 0.7s, AKRO 1.1nm, 0.7s, MKAR Makanchi Array, etc.

DSN 08 19:55:57.3, 2.5, 26.56N; 62.28E, h10km, ML3.4/8, Error ellipse: s-maj=60.9km s-min=23.8km az=159.0

OMAN 08 19:55:59.0, 0.2, 26.74N; 62.38E, h44km, 49km, mb4.7/11, mb3.6/5, Error ellipse: s-maj=8.4km s-min=1.8km az=243.0

ISC 08 19:55:57.6, 4.1, 26.8N; 0.1, 62.5E, 0.2, h35km, n27, r1941/39, Southwestern Pakistan

WSAR Wadi Sarin SNR=12, BIDD Bidbid, WBK Wadi Bani Khal SNR=24, WBK SNR=10, etc.

SHQ Shamm, SHM Shamm, SHM Madha, MDH Madha, MDH IDH, MASF Masafi SNR=5.5, etc.

MSF Esma-Masafi, JMDF Jabal Masafi, JMDO, UOSS Minazif, UOSS Minazif, SOHO SOHO, SOHO SOHO, etc.

HATD Hatta, Dubai, HATD Hatta, Dubai SNR=5.7, ASHO Ashiyah, ASHO Ashiyah SNR=9.8, BSY Bisya, FAQ Al Faqa, Dubai, ASUD Al Ashush, Dub SNR=11, etc.

IDC 08 19:56:43.0, 0.7, 13.94S; 14.02W, h0km, mb4.3/14, mb1 4.4/14, mb1mx4.1/49, mbtmp4.3/14, MS3.9/17, Ms1 3.9/17, ms1mx3.7/36, Error ellipse: s-maj=32.6km s-min=16.9km az=129.0

NEIC 08 19:56:44.4, 4.1, 14.0S; 0.1, 14.2W; 0.1, h10km, 1km, mb4.8/41, Error ellipse: s-maj=22.4km s-min=19.7km az=118.0

BGR 08 19:56:51.4, 0.0, 13.21S; 12.37W, h23km, mb5.0, ISC 08 19:56:44.2, 0.5, 13.95S; 0.09, 14.2W; 0.1, h10km, n138, r091/127, mb4.8/10, MS3.9/17, 1C, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, H10N1 ASCENSION HYDR, etc.

8d 20h

Table of station data for 8d 20h, including columns for station name, coordinates, elevation, and various parameters like SNR and error rates.

2015 AUG

Main table of station data for 2015 AUG, listing stations like NC303, WFSAR, FIA1, AKTO, etc., with their respective coordinates and parameters.

414

Table of station data for 414, including stations like NR1K, NR1K, NR1K, etc., with their coordinates and parameters.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MOTA, RETA, BFO, WTTA, MYKA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CLL, ASSE, KRCL, MORC, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like X48A, BELG, T47A, WVT, etc.

SKO 08 21:23:09.9, 40:32N: 19:76E, h0km
ATH 08 21:23:10.0, 40:48N: 19:85E, h70km, 6km, ML2.6/5, Error
ellipse: s-maj=6.7km s-min=2.0km az=12.0
THE 08 21:23:11.9, 40:49N: 19:92E, h2km, 42km, ML2.5/8, Error
ellipse: s-maj=42.3km s-min=0.7km az=0.0
TJR 08 21:23:11.1, 40:49N: 19:92E, h4km, 1km, Md3.0, Ml2.5
BEO 08 21:23:14.0, 0:0.8, 40:67N: 19:71E, h7km, 2km, ML2.2/9
ISC 08 21:23:10.9, 1:1, 40:48N: 0:02:19:83E: 0:02, h6km, 9km,

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like VLO, SRN, SRN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SMLT, Sun Moon Lake, 0.73 220, Pg, 21 37 27.1 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SMLT, Sun Moon Lake, 0.73 220, Pg, 21 37 27.1 -0.3

TAP 08 21:37:13.0, 24.44N, 121.41E, h8km, ML3.9, C
JMA 08 21:37:13.3, 24.44N, 121.41E, h9km, 2km, M3.3
ISC 08 21:37:13.4, 0.9, 24.44N, 121.41E, 0.01x121.41E, 0.02, h10km, 7km, n113, 0.0664/174, 32C-3, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SMLT, Sun Moon Lake, 0.73 220, Pg, 21 37 27.1 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SMLT, Sun Moon Lake, 0.73 220, Pg, 21 37 27.1 -0.3

IDC 08 21:30:49.0, 4.4, 22.65N, 94.48E, h94km, 39km, mb3.7/6, mb1 3.7/7, mb1mx3.3/45, mbtmp3.9/7, MS3.4/2, Ms1 3.5/2, ms1mx2.7/40, Error ellipse: s-maj=78.7km s-min=15.8km az=58.0

ISC 08 21:30:49.4, 0.9, 22.65N, 94.3E, 0.2, h106km, n19, 0.1510/17, mb4.1/6, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SMLT, Sun Moon Lake, 0.73 220, Pg, 21 37 27.1 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SMLT, Sun Moon Lake, 0.73 220, Pg, 21 37 27.1 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SMLT, Sun Moon Lake, 0.73 220, Pg, 21 37 27.1 -0.3

IDC 08 21:34:57.3, 2.0, 5.11N, 133.30E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.6/31, mbtmp3.7/5, MS3.2/2, Ms1 3.2/2,

8d 22h

Table with columns: EVO, EVO, comp=N, 18nm, 0.1s, Evora, 4.46, 73, P, S, Pn, Sn, 22 36 41.5 +2.3, 22 37 31.4 +0.2, ...

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Table with columns: ECAL, ECAL, comp=N, 2.9nm, 0.2s, SNR=6.1, S, Sn, 22 37 14.4 +1.5, ...

420

Table with columns: HWA, HWA, baz=242, eS, Sn, 22 45 02.2 -1.0, ...

IDC 08 22:36:36.8-9.6, 16:69Sx172.69W, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.5/9, mbtmp3.6/4, ML2.8/1, Error ellipse: s-maj=306.6km s-min=33.7km az=126.0, Samoa Islands region

JMA 08 22:44:25.2±0.1, 24:47N, 122:70E, h96km±1km, M3.2 TAP 08 22:44:26.2, 24:50N, 122:70E, h90km, ML3.7, C ISC 08 22:44:25.5±1.3, 24:47N, 0:04x122.73E, 0:02, h93km±8km, n86, c0877/149, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ...

Table with columns: YULB, YULB, baz=250, P, Pn, 22 44 53.8 -0.1, ...

Table with columns: Code, Station Name, Az, El, P, S, Res, and various numerical values. Includes stations like ELDTW Lidau, LDUT Ludao, LONT Longtian, etc.

MED_RC 08 22:46:24.0±0.5, 38°55'N, 14°26'E, h12km, 3km, MW4.0/9, Moment Tensor Solution. Mantle waves: s9, c13; Duration: 1s0

ROM 08 22:46:24.4±0.1, 38°55'N, 14°27'E, h20km, 1km, ML3.8/7.2, Error ellipse: s-maj=0.6km, s-min=0.5km, az=310.0

LDG 08 22:46:24.6±0.1, 38°47'N, 14°27'E, h8km, ML3.3/6, Error ellipse: s-maj=3.9km, s-min=3.1km, az=44.0

BEO 08 22:46:25.3±0.6, 38°52'N, 14°30'E, h6km, 2km, ML3.5/8, NEIC 08 22:46:25.1±2.1, 38°45'N, 14°31'E, 0.07, h13km, 2km, Error ellipse: s-maj=8.7km, s-min=7.8km, az=115.0

IDC 08 22:46:30.0±1.4, 38°40'N, 14°35'E, h58km, 22km, mb3.6/6, mb1.3.5/10, mb1mx3.3/4.2, mbtmp3.7/10, ML3.5/4, MS3.0/12, Mb1.3.0/12, ms1mx2.8/4.8, Error ellipse: s-maj=28.0km, s-min=18.2km, az=103.0

ISC 08 22:46:25.0±0.8, 38°52'N, 14°28'E, h16km, 5km, n211, s1954/220, mb4.0/6, MS2.9/8, 25C-16D, Sicily

Table with columns: Code, Station Name, Az, El, P, S, Res, and various numerical values. Includes stations like IACIL Alicudi, IFIL Filicudi I Eol, LLI Lipari, etc.

Main table with columns: Code, Station Name, Az, El, P, S, Res, and various numerical values. Includes stations like IST3, MPG MPG, EPZF Pizzo Felice, NOV Novara, ALJA Alia, EMSG Monte Spagnolo, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, and various numerical values. Includes stations like HMDC Modica, CET2 Cetraro, CAR1 CAROLEI, PLAC Placanica, GRI Girifalco, BULG Bulgheria - Ca, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SGRT, MSAG, INTR, TAMR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PLOR, AKASO, HFS, NORSAR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PET, DALK, Ugljovaya, etc.

SOME 09 00:16:54.3, 42.00N, 82.52E, h0km
NINC 09 00:16:56.4, 2.5, 41.95N, 82.56E, h0km, mb3.5, mpv3.2,
Error ellipse: s-maj=22.0km s-min=12.9km az=172.0
ISC 09 00:16:58.9, 2.1, 42.02N, 0.09, 82.40E, 0.06, h13km, n32,
az=12/50, 2C-2D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like ETL, ETL, TWD, NACB, NACB, ETM, etc.

IDC 09 01:46:56.6, 1.7, 7.72S, 128.46E, h143km, 18km, mb3.3/2,
mb1 3.7/6, mb1mx3.2/36, mbtmp4.0/6, Error ellipse:
s-maj=22.1km s-min=14.3km az=122.0

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

JMA 09 01:59:59.6, 0.1, 24.01N, 122.30E, h34km, 4km, M2.1

TAP 09 01:59:59.8, 24.12N, 122.28E, h29km, 1km, ML2.5, D
ISC 09 01:59:59.5, 1.0, 24.05N, 0.04, 122.28E, 0.02, h31km, 11km,
n38, az=670/52, Taiwan region

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

JMA 09 02:08:55.8, 38.21N, 141.45E, h66km, 1km, M3.9
JMA Feil II J1.
NEIC 09 02:08:55.9, 2.1, 38.22N, 0.05, 141.5E, 0.1, h67km, 6km,
mb4.1/5, Error ellipse: s-maj=13.2km s-min=6.6km
az=106.0

NEIC 09 02:08:55.8, 38.21N, 141.45E, h66km, MW3.6, Moment
Tensor Solution. s3 Moment tensor: Scale 10^14Nm;
Mn:1.93; Mw:0.48; Mw:1.45; Mw:0.96; Mw:0.28;
Mw:2.51; Fault plane solution: M3.3, 19000x1014 NP1:
q=200.00000, r=74.00000, s=1.92.00000. NP2: q=13.00000,
r=6.00000, s=1.84.00000

IDC 09 02:08:56.4, 2.1, 38.20N, 141.46E, h75km, 19km, mb3.5/10,
mb1 3.6/16, mb1mx3.5/53, mbtmp3.8/16, MS2.2/2,
Ms 2.2/2, ms1mx2.0/28 Error ellipse: s-maj=19.7km
s-min=14.7km az=103.0

ISC 09 02:08:55.3, 0.8, 38.20N, 0.04, 141.54E, 0.06, h63km, 6km,
n57, az=114/68, mb3.8/12, Near east coast of eastern
Honshu

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

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

IDC 09 02:10:57.2, 1.9, 27.74N, 85.38E, h0km, mb3.6/4,
mb1 3.7/5, mb1mx3.4/36, mbtmp3.5/5, ML3.2/1, Error
ellipse: s-maj=73.5km s-min=24.6km az=68.0, Nepal

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

IDC 09 02:18:39.5, 1.2, 23.59S, 179.89E, h534km, 13km,
mb3.3/10, mb1 3.5/14, mb1mx3.3/32, mbtmp4.3/14, Error
ellipse: s-maj=18.8km s-min=16.3km az=123.0

NEIC 09 02:18:39.7, 1.3, 23.65S, 0.1, 180.0E, 0.1, h542km, 8km,
mb4.2/21, Error ellipse: s-maj=17.4km s-min=13.8km
az=49.0

ISC 09 02:18:38.8, 0.5, 23.66S, 0.06, 179.94E, 0.08, h535km, n46,
az=185/50, mb4.0/21, Epic of Fiji Islands

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

comp=Z,6.1nm,0.7s									
MJAR	Matsushiro Arr	71.67 326 P	P						02 29 06.7 +0.1
comp=Z,1.2nm,0.7s,baz=169,slow=5.4,SNR=4.8									
MJAR	Matsushiro Arr	71.67 326 I	Amb	I	Amb				02 29 06.9
comp=Z,1.7nm,1.0s									
JSU	Suzuyama	72.47 317 P	P						02 29 10.7 -0.6
comp=Z,1.1nm,0.8s									
ADK	Adak	75.28 2 P	P						02 29 26.4 -0.3
BELA	Belgrano 2	76.67 173 P	P						02 29 34.6 +0.4
comp=Z,4.5nm,0.7s									
KSRS	Korea Array	78.03 320 P	P						02 29 43.0 +0.9
comp=Z,0.8nm,0.6s,baz=130,slow=1.9,SNR=6.5									
PEAOB	Petropavlovsk-	78.86 347 P	P						02 29 45.8 -0.4
PEAOB									02 29 52.6
comp=Z,1.4nm,1.1s									
PETK	Petropavlovsk-	78.86 347 P	P						02 29 46.0 -0.2
comp=Z,0.6nm,0.6s,baz=130,slow=1.9,SNR=3.0									
USRK	Ussuriysk Arr	80.54 327 P	P						02 29 55.9 +0.7
comp=Z,1.0nm,0.6s,baz=113,slow=4.4,SNR=4.6									
USRK	Ussuriysk Arr	80.54 327 P	P						02 29 54.1 -1.1
CMAR	Chiang Mai Arr	89.39 290 P	P						02 30 40.7 +1.7
comp=Z,1.4nm,0.8s,baz=103,slow=2.9,SNR=0.9									
CMAR	Chiang Mai Arr	89.39 290 P	P						02 30 37.3 -1.7
TXAR	Lajitas Array	90.35 58 P	P						02 30 44.1 +0.8
comp=Z,0.4nm,0.7s,baz=205,slow=5.8,SNR=6.2									
SMCO	Snowmass	92.51 48 P	P						02 30 53.7 +0.3
PD31	Pinedale Array	92.56 44 P	P						02 30 51.7 +2.2
comp=Z,1.6nm,1.4s									
FINES	FINES Array B	138.21 341 PKP	PKP						02 37 02.6 +0.1
comp=Z,0.8nm,0.6s,baz=130,slow=1.9,SNR=3.0									
AKASG	Malin Array B	144.74 327 PKP	PKP						02 37 13.7 -0.8
comp=Z,1.7nm,0.6s,baz=45,slow=4.4,SNR=12									
AKSB	Malin Array Si	144.74 327 PKP	PKP						02 37 12.8 -1.7
BRTC	Keokuk Array B	147.39 307 PKP	PKP						02 37 22.3 -0.6
comp=Z,1.2nm,0.6s,baz=75,slow=3.8,SNR=2.1									
OJQC	Ojoc	149.30 335 PKP	PKP						02 37 25.1 -1.9
CLL	Collm	150.61 343 I	PKP	PKP					02 37 30.0 -0.6
comp=Z,3.0nm,0.7s									
CLL									02 37 39.0 -0.3

MOS 09:02:39.52,7.0,9.13:88S:14:48W,h10km,m5.1/33,Error ellipse: s-maj=11.8km,s-min=6.9km,az=61.5

IDC 09:02:39.52,7.0,5.13:99S:14:36W,h0km,m4.3/21,m1.4/4.21,mb1mx4.3/30,mbtmp4.3/21,MS3/31,Ms1.3/31,ms1mx3.9/35,Error ellipse: s-maj=18.0km,s-min=13.8km,az=131.0

NEIC 09:02:39.55,4.1,9.13:97S:0:09,14:47W,0.09,h10km,1km,mb5.1/107,Error ellipse: s-maj=15.4km,s-min=13.1km,az=216.0

GCMT 09:02:39.56,4.0,3.13:81S:0:03,14:50W,0:02,h14km,1km,MW4.9/103,Moment Tensor Solution: s27,c28;e103,c104;Duration:0. Moment tensor: Scale 10¹⁶Nm;Mw=2.34;16; Mw=0.10;9; Mw=2.25;12; Mw=0.32;24; Mw=0.28;06; Mw=0.13;20; Best double couple: M2.3380x10¹⁶ NP1.179.00000;843.00000;λ-80.00000; NP2.346.00000;848.00000;λ-99.00000; Principal axes: T 2.2940,Plg2.0000; Azm82.0000; N 0.0960,Plg7.0000; Azm352.0000; P -2.3830,Plg83.0000; Azm189.0000; nstai refers to body waves, cutoff=40s. nstae2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 09:02:39.56,6.0,0.13:98S:12:61W,h22km,1km,m5.3,ISC 09:02:39.55,0.0,5.13:95S:0:06,14:49W,0.06,h12km,2km,h12km;pp-P.n833,-r125/378,m5.1/142,MS4.0/34,14C-33D,Southern Mid-Atlantic Ridge

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
H10S2	ASCENSION HYDR	4.97 358		Op	02 46 05.0	
H10S3	ASCENSION HYDR	4.97 358		T	02 46 14.3	
ASCN	Ascension	5.99 1	Pn	Pn	02 41 25.8 +2.3	
H10N1	ASCENSION HYDR	6.07 360		T	02 47 35.9	
H10N3	ASCENSION HYDR	6.08 360		T	02 47 37.7	
H10N2	ASCENSION HYDR	6.09 360		T	02 47 35.0	
SHEL	Horse Pasture	8.67 104	Pn	Pn	02 42 01.4 +1.0	
SHEL	Horse Pasture	8.67 104	Pn	Pn	02 42 01.4 +1.0	
NBRF	Rio Formoso - AL	20.91 282	EP	P	02 44 36.4 -1.2	
NBAN	Anadia - AL	21.75 279	EP	P	02 44 44.8 -1.9	
LIC	Lamto	22.13 26	epPKP1		02 44 55.5 +4.8	
KIC	Kosan Boka	22.28 26	epPKP1		02 44 55.0 +1.6	
TIC	Toumudi	22.52 25	epPKP1		02 44 56.2 +1.3	
RCBR	Riachuelo	22.58 289	LR	LR	02 51 19.3	
RCBR	Riachuelo	22.58 289	P	P	02 44 54.2 -1.4	
RCBR	Riachuelo	22.58 289	EP	P	02 44 54.7 -1.0	
DBIC	Dimbokro	22.61 26	P	P	02 44 55.9 +0.1	
DBIC	Dimbokro	22.61 26	LR	LR	02 51 35.4	
DBIC	Dimbokro	22.61 26	P	P	02 44 55.0 -0.8	
NBLV	Livramento - P	23.00 284	EP	P	02 44 58.4 -1.7	
NBPA	Parau Rin	23.72 288	EP	P	02 45 06.2 -1.1	
NBIT	Itapeh - BA	24.18 265	EP	P	02 45 13.3 +1.7	
CMC01	Camacua - BA	24.28 264	EP	P	02 45 13.9 +1.0	
GDU01	Guandu, BA	24.37 268	EP	P	02 45 14.4 +1.1	
GU01	Guaratinga, BA	24.57 261	EP	P	02 45 16.1 +1.0	
NBMA	Muriti - CE	24.73 283	EP	P	02 45 16.3 -0.4	
NAN01	Guarapari, ES	24.96 258	EP	P	02 45 19.0 +0.4	
NBPN	Ponto Novo - BA	25.30 274	EP	P	02 45 20.9 -0.9	
NBCL	Cascabel - CE	25.42 261	EP	P	02 45 22.2 +0.1	
MC01	Montes Claros	25.53 261	EP	P	02 45 25.1 +1.2	
VAS01	Vassouras-RJ	28.71 249	EP	P	02 45 54.2 +1.9	
KOWA	Kowa	30.10 21	P	P	02 46 03.7 -1.0	
KOWA	Kowa	30.10 21	P	P	02 56 08.6	
KOWA	Kowa	30.10 21	P	P	02 46 04.2 -0.5	
PARB	Parabuna	30.89 248	EP	P	02 46 14.5 +2.7	
ROSB	Tsumeb	31.14 104	LR	LR	02 56 35.9	
TOSM	Tosm	31.27 288	EP	P	02 46 14.4 -0.7	
TORD	Torodi Ar. Bea	31.33 31	P	P	02 46 14.5 -1.1	
TORD	Torodi Ar. Bea	31.33 31	LR	LR	02 56 57.3	
TORD	Torodi Ar. Bea	31.33 31	P	P	02 46 14.2 -1.4	
TORD	Torodi Ar. Bea	31.33 31	I	Amb	02 46 21.8	
BDFB	Brasilia	32.45 263	P	P	02 46 26.6 +1.0	
BDFB	Brasilia	32.45 263	LR	LR	02 56 58.9	
BDFB	Brasilia	32.45 263	P	P	02 46 26.6 +1.0	
BDFB	Brasilia	32.45 263	Pmax	Pmax		
SMTB	Santa Maria do	32.83 275	EP	P	02 46 28.6 -0.2	
PRPB	Parauapebas	35.60 279	EP	P	02 46 52.0 -0.9	
PCMB	Pacaembu	35.77 252	EP	P	02 46 55.7 +1.4	
SMBD	Serra Nova Dou	37.41 269	EP	P	02 46 54.4 -1.1	
SUR	Sutherland	37.04 126	LR	LR	02 58 50.6	
SUR	Sutherland	37.04 126	P	P	02 47 06.0 +0.8	
SUR	Sutherland	37.04 126	I	Amb	02 47 25.3	
MCPB	Macapa, AP	39.56 287	EP	P	02 47 26.3 -0.2	
BOSA	Boshof	39.59 118	P	P	02 47 23.3 -3.4	
BOSA	Boshof	39.59 118	LR	LR	03 00 48.0	
QADB	Aquidauana	39.83 255	P	P	02 47 28.9 +0.3	
CLDB	Colider	40.43 270	EP	P	02 47 33.6 -0.1	
NPGB	Novo Progresso	40.73 275	EP	P	02 47 36.0 -0.2	
MALS	Monte Alegre	41.12 283	EP	P	02 47 38.9 -0.4	
MATP	Matopo	41.47 105	EP	P	02 47 40.6 -1.7	
ITTB	Itaituba	41.76 279	EP	P	02 47 44.0 -0.7	
ITQB	Itaquí	41.88 241	EP	P	02 47 46.5 +1.1	

CPUP	Villa Florida	41.89 246	P	P	02 47 45.9 +0.4
CPUP	Villa Florida	41.89 246	LR	LR	03 02 53.5
PTLB	Pointe Lacer	42.17 252	EP	P	02 47 56.6 +0.6
WLV	Vilhena	44.43 266	EP	P	02 48 06.8 +0.6
SIV	San Ignacio	44.99 261	P	P	02 48 11.3 +0.6
SIV	San Ignacio	44.99 261	LR	LR	03 04 54.1
MBAR	Mbarara	46.66 77	P	P	02 48 24.7 +0.6
MBAR	Mbarara	46.66 77	Pmax	Pmax	
MBAR	Mbarara	46.66 77	P	P	02 48 24.7 +0.6
PTMG	Midelt	46.87 282	P	LR	02 48 25.3 +0.2
PTMG	Midelt	46.87 282	LR	LR	03 06 40.7
SAML	Samuel	47.93 270	P	P	02 48 34.5 +0.7
SAML	Samuel	47.93 270	Pmax	Pmax	
SAML	Samuel	47.93 270	P	P	02 48 34.5 +0.7
SAML	Samuel	47.93 270	I	Amb	02 48 47.4
SAML	Samuel	47.93 270	EP	P	02 48 34.3 +0.5
SAML	Torquist	48.33 231	EP	P	02 48 35.5 -1.2
TRQA	Torquist	48.33 231	P	P	02 48 35.5 -1.2
TRQA	Torquist	48.33 231	I	Amb	02 48 43.8
TRQA	Torquist	48.33 231	EP	P	02 48 37.8 +1.2
BOAV	Boa Vista	48.44 286	EP	P	02 48 37.8 +1.2
ETMB	Extrema	50.72 269	EP	P	02 48 55.9 +0.8
LPAZ	La Paz	51.73 260	EP	P	02 49 02.9 -0.6
LPAZ	La Paz	51.73 260	LR	LR	03 10 18.9
LPAZ	La Paz	51.73 260	P	P	02 49 02.9 -0.6
LPAZ	La Paz	51.73 260	Pmax	Pmax	
LPAZ	La Paz	51.73 260	P	P	02 49 03.7 +0.2
PNCL	Nicoulau / Gran	52.09 6	EP	P	02 49 10.1 +5.2
LVC	Limon Verde	52.16 252	EP	P	02 49 06.4 0.0
PBAR	Barrancos	52.32 7	EP	P	02 49 05.0 -1.7
LBDK	Lodwar	52.35 74	EP	P	02 49 08.1 +0.7
AC02	Maricunga	52.45 247	P	P	02 49 10.2 +1.7
PMRV	Muriv??o	53.51 7	EP	P	02 49 12.2 +5.7
ESDC	Sonsea Array	54.24 10	P	P	02 49 20.5 -0.4
ESDC	Sonsea Array	54.24 10	LR	LR	03 11 42.0
ESDC	Sonsea Array	54.24 10	P	P	02 49 21.8 +0.9
KEST	Kesra	54.32 24	P	P	02 49 22.2 +0.7
KEST	Kesra	54.32 24	LR	LR	03 11 15.6
KEST	Kesra	54.32 24	P	P	02 49 21.6 +0.1
MVO	Moncorvo	55.27 7	EP	P	02 49 29.4 +1.1
PVRL	Vila Real	55.30 6	EP		

9d 2h

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Table with columns: Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KRUC Moravsky, LOT Lotru, PRU Pruhonice, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AKBB Malin Array Si, SUW KONO, GSPA South Pole Qui, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like T47A Sharon Grove, PLAL Pickwick Lake, WWT Waverly, etc.

TUL 09:02:53.21.7:1.2.35:99N:0.01:97:57W:0.02, h7km, 7km, M2.5, mb, Lg2.05(NEIC), Error ellipse: s-maj=2.2km

NEIC 09:02:53.21.4.0.36:00N:0.01:97:57W:0.02, h7km, 7km, Error ellipse: s-maj=2.9km s-min=1.9km az=100.0, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OK029 Liberty Lake, BOKOK Bluff Creek, etc.

ANF 09:02:56: 18.5:0.4.35:49N:97:12W, h3km, 3km, M3.3.7/18, Error ellipse: s-maj=2.4km s-min=2.0km az=162.0

TUL 09:02:56: 18.5:1.1.35:44N:0.02:97:109W:0.009, h7km, 4km, M3.3.6, mb, Lg3.196(NEIC), Error ellipse: s-maj=3.3km

NEIC 09:02:56: 19.1:1.1.35:47N:0.02:97:13W:0.03, h8km, 6km, Error ellipse: s-maj=5.0km s-min=1.0km az=133.0

ISC 09:02:56: 18.6:1.0.35:46N:0.02:97:11W:0.03, h7km, 9km, n119:e06/112, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OK005 Luther M Schoo, OK029 Westminster Rd, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like OKCSW, OK009, OKCFA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MGMO, CCRAR, 435B, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KTMS, SHLS, PDGK, etc.

Summary information including station coordinates and identifiers: IDC 09 02:57:47.7, 9.6, 14.54Sx13.74W, h0km, mb3.8/3, mb1 3.9/3, mb1mx3.5/39, mbtmp3.8/3, MS3.4/4, Ms1 3.4/4, ms1mx3.0/26, Error ellipse: s-maj=396.3km s-min=130.7km az=141.0, Southern Mid-Atlantic Ridge

JMA 09 03:49:09.0, 2.2, 92N, 122.30E, h148km, 2km, M3.0 TAP 09 03:49:10.1, 2.4, 98N, 122.39E, h141km, ML4.1, D

ISC 09 03:49:10.3;1.7,24.99N,0.06;122.32E,0.03,h143km,gkm,
n83,c050/132,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

ICC 09 04:01:23.8;2.5,23.77S;179.87W,h529km,27km,mb2.9/5,
mb1.3,2/7,mb1mx3.0/21,mbtmp3.8/7,Error ellipse:
s-maj=42.8km s-min=21.7km az=149.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

INET 09 04:08:55.7;9.78N;84.69W,h20km,MW3.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

NOU 09 04:11:41.7,14.46S;167.15E,h14km,ML4.67,Vanuatu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: KOUNC, Koumac, New Ca, 6.64 204 P Pn, 04 13 17.6 +0.8

Table with columns: YATNC, Mamie plateau, 7.56 182 P Pn, 04 13 27.9 -1.4

Table with columns: DZM, Mont Dzumac, 7.60 185 P Pn, 04 13 29.5 -0.4

SOME 09 04:35:40.5,43.78N;87.78E,h5km
NMC 09 04:35:43.9;1.7,43.93N;87.68E,h0km,mb3.6,mpv3.2,
Error ellipse: s-maj=13.6km s-min=8.5km az=127.0

ISC 09 04:35:44.0;2.8,43.84N;0.10;87.7E;0.1,h10km,n16,
c326/25,3C-4D,Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

NOU 09 04:46:16.1,27.65S;175.20W,h24km,mb6.3/75,
Kermadec Islands Region

BUI 09 04:46:18.5;0.0,27.40S;176.30W,h5km,mb6.2/56,
mb5.5/55,Ms6.0/69,Ms7.5/86

ICC 09 04:46:18.5;0.3,27.34S;176.31W,h0km,mb5.2/35,
mb1.6,3/37,mb1mx5.2/44,mbtmp5.2/37,ML5.7/2,
Ms1.5/7/28,ms1mx5.5/41,Error ellipse: s-maj=13.7km
s-min=10.6km az=158.0

NEIC 09 04:46:20.7;2.2,27.45S;0.05;176.25W;0.09,h10km,1km,
mb5.7/363,Ms.20.6/428,Mww5.8,MwC5.8(GCMT),Error
ellipse: s-maj=12.9km s-min=8.9km az=266.0

MOS 09 04:46:21.2;1.1,27.35S;176.37W,h24km,mb5.7/52,
MS5.7/29,Error ellipse: s-maj=8.9km s-min=7.2km
az=99.7

GCMT 09 04:46:34.7;0.1,27.22S;0.01;175.75W,h12km,
Mw5.8/152,Moment Tensor Solution. s142,c285;
s152,c437; Duration: 198 Moment tensor: Scale 1017
Nnt; Mw4.02;03; Mw4.02;03; Mw4.29;03;
Mw0.39;09; Mw0.02;03; Mw3.25;08; Best double
couple: Ms5.29000;0.1017; NP1;176.00000; 826.00000;
182.00000; NP2;176.00000; 864.00000; 194.00000;
Principal axes: T 5.1670, Plg17.0000, Azm283.0000; N
0.2530, Plg4.0000, Azm183.0000; P -5.4140,
Plg19.0000, Azm92.0000; nst1 refers to body waves,
cutoff=40s. nst2 refers to surface/mantle waves,
cutoff=50s. Triangular moment-rate function

NEIC 09 04:46:35.27;23S;175.71W,h12km,Moment Tensor
Solution. Moment tensor: Scale 1017Nnt; Mr3.92;
Mw0.40; Mw4.32; Mw0.53; Mw0.09; Mw4.21; Fault
plane solution: Ms5.93000;0.1017; NP1;176.00000;
822.00000; 181.00000; NP2;176.00000; 868.00000;
194.00000; Principal axes: T 5.7285, Plg67.0000;
Azm283.0000; N 0.3763, Plg4.0000, Azm184.0000; P
-6.1048, Plg23.0000, Azm93.0000;

NEIC 09 04:46:38.27;13S;175.71W,h12km,Moment Tensor
Solution. Moment tensor: Scale 1017Nnt; Mr3.76;
Mw0.46; Mw4.22; Mw1.15; Mw0.76; Mw4.60; Fault
plane solution: Ms6.26000;0.1017; NP1;176.00000;
820.00000; 181.00000; NP2;176.00000; 870.00000;
193.00000; Principal axes: T 5.9604, Plg65.0000;
Azm283.0000; N 0.5600, Plg3.0000, Azm192.0000; P
6.5203, Plg25.0000, Azm101.0000;

ISC 09 04:46:20.8;0.4,27.64S;0.03;176.23W;0.04,h14km,1km,
h5km;PP-P,n1314,c2527/1209,mb5.7/300,MS6.0/285,
MS5-77D,Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like MSVF, HAZ, PKGZ, KUZ, PUZ, RUGZ, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like EIDS, CANB, CAN, CAN, CAN, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like NWAO, MEEK, KRAI, MBWA, CASY, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ERM Ermo, JEM Ermo, NACB Ninganchiao, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MOCM Marconi Confer, 109C Camp Elliot, OSI Osto Audit, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HSG comp=Z,30nm,0.8s, MDPB Devils Postpile, WDC Whistler Da, etc.

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Table with columns: TUC, Tucson, 86.17, 51, P, Pmax, 04 59 00.9 -1.0, etc. Includes stations like Tucson, Tarutung, Pahroc Range, etc.

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Table with columns: DL2, comp=Z,3um,15.7s, LR, LR, etc. Includes stations like X18A, G05D, J08A, etc.

9d 4h

Table with columns: PATY, Pattaya, 89.75, 285, P, P, 04 59 24.3 +5.1, etc. Includes stations like B05A, B05A, LTY, etc.

CHTO	comp=Z,1um,comp=Z,56nm,0.9s	P	P	04 59 38.5 -0.9	
CHTO	Chiang Mai	94.14 289	Iamb	Iamb	04 59 53.0
CHTO	comp=Z,47nm,0.9s	P	P	04 59 39.3 -0.2	
WHY	Chiang Mai	94.12 289	P	P	04 59 40.0 +1.0
WHY	Whitehorse	94.22 19	S	S	05 10 54.8 +5.2
WHY	baz=216	S	S	05 10 54.8 +5.2	
ABTX	Abilene, Hawle	94.24 55	P	P	04 59 40.6 +1.0
ABTX	baz=240	S	S	05 10 51.0 +0.1	
N23A	Red Feather La	94.25 46	P	P	04 59 40.4 +0.6
N23A	baz=237,SNR=6.6	S	S	05 10 57.3 +6.3	
NEA2	Nenana	94.34 11	P	P	04 59 39.7 +0.3
NEA2	baz=204	S	S	05 10 48.8 -1.5	
RIDG	Independent Ri	94.38 13	IAMS_20	IAMS_20	05 42 07.5
RIDG	Independent Ri	94.38 13	P	P	04 59 39.5 -0.1
RIDG	baz=208,SNR=7.3	S	S	05 10 52.0 +1.3	
WRH	Wood River Hill	94.41 12	Iamb	Iamb	04 59 50.4
I21K	Tanana	94.41 10	P	P	04 59 39.7 +0.1
L27K	Beaver Creek	94.44 15	P	P	04 59 39.8 -0.1
L27K	baz=210,SNR=6.0	S	S	05 10 52.7 +1.5	
MLY	Manley	94.47 11	IAMS_20	IAMS_20	05 49 42.5
MLY	comp=Z,3um,18.0s	P	P	04 59 39.1 -0.8	
MLY	Manley	94.47 11	S	S	05 10 48.9 -2.5
MLY	baz=202,SNR=7.1	S	S	05 10 48.9 -2.5	
PGSX	Pisagua	94.49 115	IAMS_20	IAMS_20	05 35 37.5
HDA	Harding Lake	94.56 12	P	P	04 59 39.0 -1.4
HDA	comp=Z,4um,18.0s	IAMS_20	IAMS_20	05 48 37.3	
HDA	Harding Lake	94.56 12	P	P	04 59 39.1 -1.3
HDA	baz=206,SNR=13	P	P	04 59 39.1 -1.3	
HDA	baz=206	S	S	05 10 51.5 -0.6	
HDA	baz=206	S	S	05 10 51.5 -0.6	
RLMT	Red Lodge	94.59 41	IAMS_20	IAMS_20	05 39 39.1
RLMT	Red Lodge	94.59 41	P	P	04 59 40.6 -0.7
RLMT	baz=235,SNR=8.1	S	S	05 10 58.5 +4.7	
ZEA	Zeya	94.61 330	eP	P	04 59 40.0 -0.8
ZEA	comp=Z,5um,20.0s	eP	PS	05 03 35.6	
ZEA	comp=Z,5um,20.0s	eP	PS	05 10 17.1	
ZEA	comp=Z,300nm,10.9s	pmx	pmx	05 12 17.0 +6.1	
ZEA	comp=Z,10.0nm,1.2s	pmx	pmx		
ZEA	comp=N,100nm,6.5s	pmx	pmx		
ZEA	comp=Z,200nm,8.0s	smx	smx		
ZEA	comp=E,1um,15.5s	smx	smx		
ZEA	comp=N,3um,13.8s	MLR	MLR		
ZEA	comp=N,1um,17.0s	MLR	MLR		
ZEA	comp=E,1um,17.0s	MLR	MLR		
SCRK	Sand Creek	94.77 14	P	P	04 59 41.8 +0.4
SCRK	baz=208,SNR=6.1	S	S	05 10 56.4 +2.2	
PHWY	Pilot Hill	94.78 46	P	P	04 59 41.0 -1.3
PHWY	comp=Z,4um,18.0s	IAMS_20	IAMS_20	05 42 39.6	
PB11	IPOC Station P	94.78 115	Iamb	Iamb	04 59 45.7
PB11	comp=Z,42nm,1.3s	IAMS_20	IAMS_20	05 35 40.2	
I23K	Minto, Yukon-K	94.80 11	P	P	04 59 40.7 -0.7
I23K	baz=204,SNR=7.6	S	S	05 10 52.6 -1.5	
TCOL	CIGO, UAF Yank	94.81 12	Iamb	Iamb	04 59 52.0
TCOL	comp=Z,2.6nm,0.9s	IAMS_20	IAMS_20	05 40 06.0	
TCOL	CIGO, UAF Yank	94.81 12	P	P	04 59 40.3 -1.1
TCOL	baz=205	S	S	05 10 53.1 -1.1	
COLA	College	94.82 12d	iP	pmx	04 59 40.6 -0.8
COLA	comp=Z,19nm,0.9s	P	P	04 59 39.8 -1.6	
COLA	comp=Z,24nm,0.9s	Iamb	Iamb	04 59 51.9	
COLA	College	94.82 12	IAMS_20	IAMS_20	05 39 57.0
COLA	comp=Z,4um,20.0s	P	P	04 59 40.2 -1.3	
MDM	Murphy Dome	94.83 12	P	P	04 59 40.4 -1.2
MDM	comp=Z,6um,20.0s	IAMS_20	IAMS_20	05 40 15.1	
K22A	Casper	94.85 44	Iamb	Iamb	04 59 56.2
K22A	comp=Z,19nm,0.9s	P	P	04 59 41.4 -1.1	
435B	Jarrell	94.86 58	IAMS_20	IAMS_20	05 36 59.9
435B	comp=Z,6um,19.0s	P	P	04 59 42.9 +0.4	
435B	baz=241	S	S	05 10 57.8 +1.5	
IL31	Eielson Array	94.90 12	P	P	04 59 40.7 -1.1
ILAR	Eielson Array	94.90 12	P	P	04 59 39.7 -2.2
ILAR	comp=Z,7.2nm,0.9s,baz=222,slow=5.0,SNR=6.4	PP	PP	05 03 14.0 -1.7	
ILAR	comp=Z,1.8nm,1.0s,baz=206,slow=7.4,SNR=3.1	LR	LR	05 38 06.1	
PB08	IPOC Station P	94.98 116	IAMS_20	IAMS_20	05 35 21.6
CRIN	San Cristobal	95.07 78	IAMS_20	IAMS_20	05 36 32.2
POKR	Poker Plat Res	95.11 12	IAMS_20	IAMS_20	05 40 34.9
POKR	Poker Plat Res	95.11 12	P	P	04 59 42.1 -0.7
POKR	baz=205	S	S	05 10 55.8 -1.1	
MNMC	Minye Minye	95.15 115	P	P	04 59 45.4 +0.8
MNMC	comp=Z,5um,19.0s	IAMS_20	IAMS_20	05 47 27.1	
K27K	Chicken	95.22 14	IAMS_20	IAMS_20	05 42 02.9
K27K	comp=Z,6um,19.0s	P	P	04 59 44.0 +0.7	
K27K	Chicken	95.22 14	S	S	05 11 00.7 +2.8
CGNG	Cerro Negro	95.29 79	IAMS_20	IAMS_20	05 35 28.0
H23K	Yukon River	95.40 11	S	S	05 10 58.4 -1.0
HIA	Hailar	95.40 32d	iP	pmx	04 59 45.0 +0.4
HIA	comp=Z,5.0nm,0.9s	pmx	pmx		
HIA	Hailar	95.40 32d	IAMS_20	IAMS_20	05 39 25.0
KSCO	Kaye Shediack	95.40 49	P	P	04 59 45.9 +0.9
KSCO	baz=239	S	S	05 11 06.1 +5.2	
HHC	Hu-ho-hao-te	95.45 313	eP	P	04 59 46.1 +1.0

HHC	comp=Z,14nm,1.1s	SKS	SKS	05 10 20.2 -0.6	
HHC	comp=Z,800nm,5.3s	S	S	05 10 59.3 -1.9	
HHC	comp=Z,2um,16.3s	pmx	pmx		
HHC	comp=Z,2um,18.4s	LR	LR		
HHC	comp=Z,2um,18.6s	LR	LR		
YGU	Tequigalpa Un	95.49 77	IAMS_20	IAMS_20	05 34 51.3
WHTX	Lake Whitney,	95.54 57	S	S	05 11 01.8 -0.3
HKT	Hookley	95.78 59	IAMS_20	IAMS_20	05 36 51.7
JTS	Las Juntas de	95.82 81	iP	PMx	04 59 46.7 -0.6
JTS	comp=Z,30nm,1.4s	pmx	pmx		
PRP	Porcupine Dome	95.83 12	Iamb	Iamb	04 59 58.7
PRP	comp=Z,24nm,1.1s	IAMS_20	IAMS_20	05 43 44.8	
PRP	Porcupine Dome	95.83 12	P	P	04 59 45.5 -0.8
PRP	baz=207,SNR=13	S	S	05 11 06.1 +2.7	
WMOK	Wichita Mounta	95.91 54	P	P	04 59 47.5 +0.2
CD2	Chengdu	95.94 302	P	P	04 59 48.6 +1.0
CD2	comp=Z,40nm,1.0s	iP	sP	04 59 52.3 +0.6	
CD2	comp=Z,1um,6.3s	SKS	SKS	05 10 24.2 +0.4	
CD2	comp=Z,4um,13.3s	S	S	05 11 08.8 +2.3	
CD2	comp=Z,4um,12.9s	pmx	pmx		
CD2	comp=Z,6um,13.7s	LR	LR		
EGMT	Eagleton	95.99 38	P	P	04 59 48.9 +1.5
EGMT	baz=235	S	S	05 11 07.0 +1.6	
EGAK	Eagle	96.07 14	IAMS_20	IAMS_20	05 42 39.3
EGAK	comp=Z,5um,18.0s	P	P	04 59 46.9 -0.3	
EGAK	baz=211,SNR=7.8	S	S	05 11 06.8 +1.5	
HDC	Heredia	96.42 82	IAMS_20	IAMS_20	05 34 42.4
U32A	Winter Ranch,	96.56 52	IAMS_20	IAMS_20	05 40 12.5
COLD	Coldfoot	96.58 10	P	P	04 59 50.2 +0.7
COLD	baz=203	S	S	05 11 12.7 +3.1	
OTAV	Otavallo	97.01 93	IAMS_20	IAMS_20	05 36 11.6
OTAV	comp=Z,5um,18.0s	eP	P	04 59 54.4 +1.0	
RSSD	Black Hills	97.17 44	P	P	04 59 51.9 -1.1
RSSD	comp=Z,34nm,1.1s	pmx	pmx		
RSSD	Black Hills	97.17 44	P	P	04 59 52.1 -0.9
RSSD	baz=238	S	S	05 11 24.7 +8.6	
LAO	LASA Array	97.23 41	Iamb	Iamb	05 00 11.6
LAO	comp=Z,4um,18.0s	IAMS_20	IAMS_20	05 41 12.8	
LAO	LASA Array	97.23 41	P	Pdf	04 59 54.6 +1.5
LAO	baz=237	S	S	05 11 25.5 +9.3	
ESPN	Las Esperanzas	97.24 80	IAMS_20	IAMS_20	05 37 03.9
ESPN	comp=Z,4um,18.0s	IAMS_20	IAMS_20	05 37 03.9	
CBKS	Cedar Bluff	97.25 50	S	S	05 11 02.1 +7.5
OK025	Westminster Rd	97.35 54	IAMS_20	IAMS_20	05 41 44.6
OK029	Liberty Lake	97.37 54	IAMS_20	IAMS_20	05 42 37.1
NATX	Nacogdoches	97.52 58	IAMS_20	IAMS_20	05 39 02.6
NATX	comp=Z,4um,18.0s	S	S	05 11 22.1 +2.9	
R32A	Long Quarter,	97.56 51	Iamb	Iamb	05 00 08.1
LPAZ	La Paz	97.82 113	P	Pdf	04 59 57.4 +0.1
LPAZ	comp=Z,0.9nm,0.7s,baz=252,slow=5.6,SNR=2.5	LR	LR	05 36 06.3	
LPAZ	comp=Z,3um,20.1s,baz=230,slow=30	P	P	04 59 56.1 -1.0	
LPAZ	comp=Z,1um,17nm,1.1s	eP	Pdf	04 59 58.3 +1.0	
OK031	S. Brethren Rd	97.89 54	IAMS_20	IAMS_20	05 42 43.7
CZSB	Cruzeiro do Su	98.28 103	eP	Pdf	05 00 00.1 +1.5
LZH	Lanzhou	98.33 306	eP	Pdf	04 59 59.0 +0.6
LZH	comp=Z,75um,18.0s	iP	sP	05 00 02.4 +0.9	
LZH	comp=Z,3um,17.0s	PP	PP	05 00 03.9 +1.4	
LZH	comp=Z,1um,19.0s	SKS	SKS	05 03 58.0 -0.7	
LZH	comp=Z,29nm,1.5s	SS	SS	05 10 34.8 -1.3	
LZH	comp=Z,370nm,8.7s	pmx	pmx	05 18 11.8 +1.0	
LZH	comp=Z,3um,16.7s	LR	LR		
LZH	comp=Z,3um,17.0s	LR	LR		
EPYK	Eagle Plains	98.42 15	Iamb	Iamb	05 00 09.9
EPYK	comp=Z,4um,19.0s	IAMS_20	IAMS_20	05 40 49.3	
TUL1	Leonard	98.62 54	S	S	05 11 31.2 +2.9
ITOB	Itaqui	98.87 130	eP	Pdf	05 00 03.5 +2.6
YAK	Yakutsk	99.30 337	LR	LR	05 43 04.1
YAK	comp=Z,1um,19.6s,baz=38,slow=34	iP	PP		
YAK	Yakutsk	99.30 337	P	Pdf	05 00 01.5 -0.3
DGMT	Dagmar	99.34 40	IAMS_20	IAMS_20	05 39 38.5
KSU1	Kansas State U	99.52 51	IAMS_20	IAMS_20	05 38 07.8
KSU1	comp=Z,5um,20.0s	S	S	05 11 44.5 +8.6	
MIAR	Mount Ida	99.60 56	IAMS_20	IAMS_20	05 40 40.5
BCIP	Isla Barro Col	99.82 85	IAMS_20	IAMS_20	05 36 58.6
X40A	Basin Creek Fa	100.12 56	IAMS_20	IAMS_20	05 45 08.3
INK	Inuvik	100.72 15	P	Pdf	05 00 06.3 -1.7
U40A	Yellowville	100.94 55	IAMS_20	IAMS_20	05 43 28.6
ECSD	EROS Data Cent	101.65 47	P	Pdf	05 00 13.5 +0.7
SONM	Songino Array	102.14 318	P	Pdf	05 00 15.0 0.0
SONM	comp=Z,0.6nm,0.8s,baz=46,slow=4.2,SNR=2.2	PP	PP	05 04 20.4 -3.3	
SONM	comp=Z,1.8nm,1.0s,baz=110,slow=5.9,SNR=4.1	PP	PP	05 16 19.6 +0.2	
SONM	comp=Z,0.6nm,0.7s,baz=227,slow=4.1,SNR=5.1	PKKPbc	PKKPbc		
SONM	Songino Array	102.14 318	iP	Pdf	05 00 13.5 -1.5
SONM	Songino Array	102.14 318	P	Pdf	05 00 13.5 -1.5
YKA	Yellowknife Ar	102.29 25	P	Pdf	05 00 14.9 -0.2
YKA	comp=Z,0.2nm,0.2s,baz=233,slow=4.7,SNR=5.4	PP	PP	05 04 20.7 -7.2	
YKA	comp=Z,0.2nm,0.3s,baz=235,slow=7.9,SNR=6.4	PKKP	PKKP	05 16 37.4 +1.0	
GTA	Gaotai	102.67 308	iP	Pdf	05 00 20.0 +2.4
GTA	comp=Z,2um,19.7s	PKKP	PKKP	05 04 37.7 -0.8	

GTA	comp=Z,5.0nm,1.2s	SKS	SKS	05 10 57.0	
GTA	comp=Z,280nm,8.4s	sS	sS	05 12 08.4 +0.3	
GTA	comp=Z,820nm,21.8s	pmx	pmx		
GTA	comp=Z,1um,22.2s	LR	LR		
GTA	comp=Z,2um,21.4s	LR	LR		
OXF	Oxford	102.69 58	IAMS_20	IAMS_20	05 42 44.3
CCM	Cathedral Cave	102.83 54	IAMS_20	IAMS_20	05 42 43.6
SCIA	State Center	103.09 50	IAMS_20	IAMS_20	05 45 19.1
FFC	Film Flon	103.66 35	IAMS_20	IAMS_20	05 52 03.4
PLAL	Pickwick Lake	103.88 58	IAMS_20	IAMS_20	05 42 14.9
LRAL	Lakeview Retre	103.91 60	IAMS_20	IAMS_20	05 43 10.9
WWT	Waverly	104.53 57	IAMS_20	IAMS_20	05 44 09.9
ZAK	Zakamensk	105.11 319	eP	Pdf	05 00 41.1 +13
ZAK	comp=Z,5.0nm,1.4s	pmx	pmx		
DGAR	Diego Garcia	105.11 253	IAMS_20	IAMS_20	05 49 35.9
JFWS	Jewell Farm	105.51 50	IAMS_20	IAMS_20	05 46 43.9
TIXI	Tiksi	106.03 344	PP	PKIKP	05 04 43.9 +0.4
WCI	Wyandotte Cave	106.47 55	IAMS_20	IAMS_20	05 46 47.2
GOGA	Godfrey	106.78 61	IAMS_20	IAMS_20	05 46 18.9
TZTN	Tazewell	107.88 58	IAMS_20	IAMS_20	05 49 14.7
NHSC	New Hope	109.23 62	IAMS_20	IAMS_20	05 48 40.0
AAM					

Table with columns for station name, frequency, power, and other technical details. Includes stations like CLL, DPC, DPC, VOIC, KRALIKY, KRALIC, MORC, BRG, GTTG, NEUB, PVCC, DRGR, BUG, VYHNE, PRA, PSZ, KASTN, PRU, WRAC, VRAC, MOX, PLN, WERD, UBBA, GUNZ, KRUC, TREZ, PBCO, SIRR, GZR, BALB, MANZ, MANZ.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MODS, ROTZ, AHRW, MEM, ZST, BTNL, SAR, BUSTI, BUZIAS, TNS, BCLA, HERR, KHC, KHC, GRA1, GRF, GRF, GRF, GRFO, GRFO, BHOH, BGES, CKRK, BMRD, WET, WET, MILB, RCHB, DOUR, DBIC, DBIC, MDVR, WLF, WLF, WLF, WLF, MORH, MOA, ARSA, ARSA, BOVS, STU, KARP, FUR, FUR, RJOB, SOKA, DIVS, BFO, BFO, UBR, WATA, VAY, WTTA, MOTA, CLF, SKO, ABTA, LJU, LJU, ZOU.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DAVA, FETA, BOJS, CEY, OHR, PMPST, ZCCA, PGAV, PGAV, NRCA, NRCA, POLO, MVO, MTE, MTE, PSBE, LIS, LIS, LIS, PMRV, PMRV, KOWA, KOWA, PNWA, NICOLAU, ESTRE, ESTRE, EVO, EVO, EVO, TOR, TOR, TOR, MESJ, MESJ, MESJ, MORF, MORF, MORF, PCVE, UCM, UCM, PBAR, PBDV, PVAO, PVAO, PAB, PAB, ESDC, ESDC, ESDC, ARNO, ARNO, MAHO, MAHO, SFS, SFS, EMAL, CEJU, AVE, AVE, PVLZ, PVLZ, IFR, IFR, MELI, KEST, KEST, KEST, KLM 09 04:49:42, MOS 09 04:49:43, MAN 09 04:49:43, BUI 09 04:49:46, IDC 09 04:49:48, NEIC 09 04:49:50, BGR 09 04:49:51, DJA 09 04:49:52, ISC 09 04:49:47, Code, PGP, PGP, TAGAYAY, TAGAYAY, TAGAYAY, GOP, GOP, PCPH, PCPH, PCPH, RCP, RCP, RCP, SVP, SVP, SVP, CVP, CVP, SNPH, SNPH, DCPH, DCPH, SPM, SPM, QIZ, QIZ, QIZ, MNI, MNI, APO, APO, JWS, JWS, JOW, JOW, LBMI, LBMI, STKI, STKI, SANI, SANI, TTSI, TTSI, KBKI, KBKI, SLVN, SLVN.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV Kislodovsk, GURO Guroymak-BITLI, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK comp=E,118nm,19.0s, JETT Jettan, Norway, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SKAR Skarlia, PRU Pruhonice, and many others.

XAN	comp=Z,4um,12.7s	18.12 328	P	P	05 37 50.3 +0.3
SRAX	SRakaw	05 37 53.4 +1.6	P	Pn	
PHIT	comp=Z,3um,comp=Z,30.9nm,1.3s	19.12 166	P	Pn	05 38 03.1 +1.6
PHIT	Phitsulok	19.12 268	P	Pn	05 38 03.1 +1.6
CD2	comp=Z,25nm,1.2s	19.20 311	P	P	05 38 02.4 +1.0
CD2	Chengdu	05 41 40.0 +2.6	S	S	
CD2	comp=Z,30nm,0.8s		LR	LR	
CD2	comp=Z,4um,12.4s		LR	LR	
CD2	comp=Z,5um,12.0s		LR	LR	
INCN	comp=Z,6um,14.1s		LR	LR	
KSAR	Wonju Array Be	19.21 15	P	P	05 38 00.7 -0.7
KSRS	Korea Array	19.51 18	P	P	05 38 04.8 +0.2
KSRS	comp=Z,0.3nm,0.3s,baz=198,slow=12,SNR=14	19.53 18	P	P	05 38 03.0 -1.8
KSRS	comp=Z,850nm,18.2s,baz=190,slow=41		LR	LR	05 46 58.1
KS19	Wonju Array S1	19.56 18	P	P	05 38 04.8 -0.4
APSI	Ampana	19.81 176	P	Pn	05 38 23.1 +1.3
DL2	Dalian	19.87 3	P	Pmax	05 38 10.0 -0.4
CM34	Chiang Mai Arr	20.14 273	P	Pn	05 38 13.4 -0.3
CM35	Chiang Mai Arr	20.15 273	P	Pn	05 38 14.0 +0.1
CM36	Chiang Mai Arr	20.22 272	P	Pn	05 38 15.2 +0.5
CM09	Chiang Mai Arr	20.22 272	P	Pn	05 38 16.4 +0.5
CM09	Chiang Mai Arr	20.32 272	P	Pn	05 38 16.0 +0.1
UTHA	Uthaitani	20.34 264	P	Pn	05 38 21.4 +5.4
UTHA	Uthaitani	20.34 264	P	Pn	05 38 21.5 +5.5
CMMT	Chiang Mai	20.34 273	P	P	05 38 15.2 +1.3
CMMT	Chiang Mai	20.34 273	P	P	05 38 15.3 +1.3
CM04	Chiang Mai Arr	20.34 272	P	Pn	05 38 16.0 -0.1
CM04	Chiang Mai Arr	20.34 272	P	Pn	05 38 16.0 -0.1
CHTO	Chiang Mai	20.34 273	P	P	05 38 15.2 +1.3
CHTO	Chiang Mai	20.34 273	P	P	05 38 14.2 +0.2
CHTO	Chiang Mai	20.34 273	P	P	05 38 16.7 +0.4
CM01	Chiang Mai Arr	20.36 272	P	Pn	05 38 16.8 +0.5
CM02	Chiang Mai Arr	20.37 272	P	Pn	05 38 17.2 +0.8
CM02	Chiang Mai Arr	20.37 272	P	Pn	05 38 17.0 +0.6
CM31	Chiang Mai Arr	20.37 272	P	P	05 38 22.0 +5.6
CM31	Chiang Mai Arr	20.37 272	P	P	05 38 15.1 +0.9
CM31	Chiang Mai Arr	20.37 272	P	Iamb	05 38 36.2
CMAR	Chiang Mai Arr	20.37 272	P	P	05 38 15.7 +1.5
CMAR	Chiang Mai Arr	20.37 272	P	P	05 38 15.0 +0.7
CM05	Chiang Mai Arr	20.37 272	P	Pn	05 38 16.7 +0.3
CM05	Chiang Mai Arr	20.37 272	P	Pn	05 38 16.0 -0.4
CM15	Chiang Mai Arr	20.39 272	P	Pn	05 38 17.3 +0.7
CM15	Chiang Mai Arr	20.39 272	P	Pn	05 38 17.4 +0.7
CM13	Chiang Mai Arr	20.41 272	P	Pn	05 38 16.6 -0.2
CM13	Chiang Mai Arr	20.41 272	P	Pn	05 38 16.6 -0.2
CM32	Chiang Mai Arr	20.44 273	P	Pn	05 38 17.0 -0.3
MITKI	Musang Ewki, K	20.58 266	P	P	05 38 14.8 -1.3
UMPA	Umpang Tak	20.75 266	P	Pn	05 38 28.1 +7.2
UMPA	Umpang Tak	20.75 266	P	Pn	05 38 28.2 +7.3
STKI	Sintang	20.76 206	P	P	05 38 18.7 +0.2
PHET	kaeng Krachan	20.89 256	P	Pn	05 38 32.8 +1.0
PHET	kaeng Krachan	20.89 256	P	Pn	05 38 32.0 +9.5
JWT	Wachi	20.95 36	P	P	05 38 17.7 -0.7
BJT	Gaijittau	21.30 351	P	P	05 38 24.7 +0.1
BJI	Beijing	21.30 351	pP	pP	05 38 31.4 +0.4
BJI			pPmax	pPmax	
MHMT	Maesarieng	21.35 271	P	P	05 38 30.1 +5.2
MHMT	Maesarieng	21.35 271	P	P	05 38 30.0 +5.2
INU	Inuyama	21.93 39	P	P	05 38 30.1 -0.7
SURA	Surathani	22.40 247	P	P	05 38 49.2 +1.3
SURA	Surathani	22.40 247	P	P	05 38 49.2 +1.3
SJI	Sorong	22.42 150	LR	LR	05 49 36.6
BBKI	Banjur Bar	22.98 194	P	P	05 38 41.3 -0.9
HHC	Hu-ho-hao-te	23.08 343	eP	P	05 38 48.8 +5.7
HHC			pmax	pmax	
HHC			pmax	pmax	
BTO	Baotou	23.33 340	eP	P	05 38 46.1 +0.5
MAJO	Matsushiro	23.45 38	P	P	05 39 17.9 -2.0
MAJO			Iamb	Iamb	
MAT	Matsushiro	23.45 38	P	P	05 38 45.0 -1.7
MJAR	Matsushiro Arr	23.45 38	P	P	05 38 45.2 -1.5
MJAR	Matsushiro Arr	23.45 38	P	P	05 38 45.5 -1.3
MJB9	Matsushiro Tunnel	23.45 38	P	P	05 38 44.8 -2.0
MJB9			Iamb	Iamb	05 39 06.7
KAPI	Kappang Bu	23.86 182	LR	LR	05 47 47.4
GUMO	Guam	24.04 99	P	P	05 38 50.6 -1.9
CN2	Changchun	25.09 9	eP	P	05 39 08.2 +6.3
CN2			pmax	pmax	
RPSI	Rantau Prapat	26.56 235	P	P	05 39 12.9 -2.6
MDJ	Mudanjiang	26.67 15	P	P	05 39 16.7 +0.5
MDJ			pmax	pmax	
MDJ			pmax	pmax	
USRK	Ussuriysk Arr	26.93 19	P	P	05 39 19.6 +1.0
GTA	Gaotai	27.05 323	eP	P	05 39 20.2 +0.4
GTA			pP	pP	05 39 31.0 +0.7
GTA			sP	sP	05 39 35.4 +4.9
GTA			pmax	pmax	
MNSI	Mandailing Nan	27.30 231	P	P	05 39 22.4 +0.3
EDFI	Ende, Flores	27.59 177	P	P	05 39 24.2 -0.6
LSA	Lhasa	28.66 297	P	P	05 39 35.1 +0.4
LSA	Lhasa	28.66 297	P	P	05 39 34.7 0.0
LSA			Iamb	Iamb	05 39 43.8
BATI	Baumata	29.18 173	LR	LR	05 52 33.5
ULN	Ulanbator	30.80 342	P	P	05 39 53.4 +0.3
ULN	Ulanbator	30.80 342	P	P	05 39 51.8 -1.3
SONM	Songino Array	30.97 341	P	P	05 39 55.4 +0.9

SONM	Songino Array	30.97 341	P	P	05 39 55.2 +0.7
KLR	Kul'dur	31.52 14	P	P	05 39 59.6 +0.5
WMO	Urumqi	36.94 319	eP	P	05 40 49.5 +3.1
PSA00	Pilbara Seismi	40.32 181	eP	P	05 41 13.2 -1.5
PSA00			Iamb	Iamb	05 41 14.1
WRAB	Tennant Creek	41.02 160	P	P	05 41 18.0 -2.5
WRAB			Iamb	Iamb	05 41 57.5
WRA	Warramunga Arr	41.02 160	P	P	05 41 17.4 -3.2
WRA			Iamb	Iamb	05 43 20.0 -0.4
WB2	Warramunga Arr	41.02 160	P	P	05 41 18.0 -2.6
WR0	Warramunga Arr	41.10 160	P	P	05 41 18.4 -2.8
MK31	Makanchi Array	41.73 320	P	P	05 41 27.1 +0.8
MKAR	Makanchi Array	41.73 320	P	P	05 41 27.6 +1.3
MKAR	Makanchi Array	41.73 320	P	P	05 41 27.1 +0.8
MAKZ	Makanchi	41.93 320	P	P	05 41 28.4 +0.6
MAKZ			Iamb	Iamb	05 41 40.4
YAK	Yakutsk	43.48 6	P	P	05 41 40.7 +0.5
YAK			Iamb	Iamb	05 41 42.2
ZAAO	Zalesovo Array	44.31 330	P	P	05 41 47.2 +0.2
ZAAO			Iamb	Iamb	05 41 54.5
ZALV	Zalovo Beam	44.31 330	P	P	05 41 48.1 +1.2
ZALV	Zalovo Beam	44.31 330	P	P	05 41 47.2 +0.2
NIL	Niireo	44.37 299	P	P	05 41 48.2 +0.4
NIL			Iamb	Iamb	05 42 12.5
AS31	Alice Springs	44.38 162	P	P	05 41 46.6 -1.3
ASAR	Alice Springs	44.38 162	P	P	05 41 46.4 -1.6
PETK	Petrovskiy	44.58 31	P	P	05 41 48.9 -0.4
PETK	Petrovskiy	44.59 31	P	P	05 41 48.2 -1.0
AAK	Ala-Archa	45.27 312	P	P	05 41 54.2 -0.8
KURBB	Kurchatov Arra	45.74 324	P	P	05 41 59.5 +1.1
DRK	Karamyk	46.47 307	P	P	05 42 04.1 -0.6
BTK	Batken	47.37 307	P	P	05 42 11.5 +0.4
BTK			Iamb	Iamb	05 42 19.4
GAR	Garm	47.51 306	P	P	05 42 13.3 +0.7
KBL	Kabul	47.94 300	P	P	05 42 16.1 0.0
KBL			Iamb	Iamb	05 42 24.7
KK31	Kararay Array	48.22 311	P	P	05 42 18.9 +1.0
KK31			Iamb	Iamb	05 42 30.9
KKAR	Kararay Array	48.22 311	P	P	05 42 18.4 +0.6
KKAR			Iamb	Iamb	05 42 18.9 +1.0
CHGR	Chuyangaron	48.35 305	P	P	05 42 19.8 +0.7
SEY	Seymchan	49.09 19	P	P	05 42 24.0 -0.2
BVAR	Borovoye Array	51.34 324	P	P	05 42 41.5 +0.1
BRVK	Borovoye	51.41 324	P	P	05 42 42.5 +0.6
BRVK			Iamb	Iamb	05 42 49.8
TIXI	Tiksi	52.90 3	P	P	05 42 52.2 -0.5
TIXI	Tiksi	52.90 3	P	P	05 42 52.4 -0.3
HRA	Hirak	53.54 299	P	P	05 42 58.3 -0.1
HRA			Iamb	Iamb	05 43 15.0
NRIK	Noril'sk	54.24 346	P	P	05 43 02.8 +0.2
NRIK			Iamb	Iamb	05 43 03.1 +0.5
STKA	Stevens Creek	54.49 158	P	P	05 43 03.4 -1.5
ABKAR	Abkubak array	56.66 317	P	P	05 43 21.4 +1.0
ABKAR			Iamb	Iamb	05 43 22.5
ABKAR	Abkubak array	56.66 317	P	P	05 43 21.1 +0.7
GEYT	Geitay	56.94 303	P	P	05 43 22.9 +0.3
GYA0B	ALIBECK ARRAY	56.94 303	P	P	05 43 23.1 +0.5
ARU	Arti	58.89 325	P	P	05 43 30.6 +0.1
ARU			Iamb	Iamb	05 43 35.7 -0.2
BELG	Belogor'nyy	64.73 320	P	P	05 44 15.8 +0.6
MSVF	Nonsavu	67.34 119	LR	LR	06 08 45.0
KBZ	Khabaz	68.24 310	P	P	05 44 38.9 +1.0
KLMR	Klimovskoe	69.20 329	eP	P	05 44 42.2 -1.3
KLMR			AMP	AMP	05 44 52.1
IMAR	Indian Mountai	71.13 26	P	P	05 44 56.1 +0.8
OBN	Obninsk	71.17 323	P	P	05 44 55.6 -0.1
SPU	Mount Spurr	72.37 31	P	P	05 45 02.6 -0.3
MLY	Manley	74.27 26	P	P	05 45 02.9 -0.5
MLY			Iamb	Iamb	05 45 22.0
TOLK	Toolk Lake Re	72.48 23	P	P	05 45 03.0 -0.4
TOLK			Iamb	Iamb	05 45 04.6
BPAW	Bear Paw Mtn.	72.49 27	P	P	05 45 03.4 -0.1
BPAW			Iamb	Iamb	05 45 21.3
SKT	Skwentna	72.51 30	P	P	05 45 03.1 -0.6
SKT			Iamb	Iamb	05 45 31.8
I23K	Minto, Yukon-K	73.04 26	P	P	05 45 06.6 -0.1
I23K			Iamb	Iamb	05 45 17.4
NEA2	Nenana	73.24 27	P	P	05 45 08.1 +0.1
NEA2			Iamb	Iamb	05 45 44.6
MCK	McKinley	74.24 28	P	P	05 45 08.6 -0.5
MCK			Iamb	Iamb	05 45 26.7
RND	Reindeer	75.33 28	P	P	05 45 09.1 -0.6
RND			Iamb	Iamb	05 45 10.3
MDM	Murphy Dome	75.34 26	P	P	05 45 09.8 -0.0
MDM			Iamb	Iamb	05 45 47.3
PMR	Palmer	76.30 30	P	P	05 45 09.8 -0.9
PMR			Iamb	Iamb	05 45 27.1
CCB	Clear Creek Bu	77.37 27	P	P	05 45 10.2 -0.8
SML	Sawmill	77.04 30	P	P	05 45 12.4 -0.4
ARCES	ARCESS Array B	74.09 339	P	P	05 45 12.4 -0.5
ILAR	Eielson Array	74.14 26	P	P	05 45 11.6 -1.6
HDA	Harding Lake	74.18 27	P	P	05 45 12.3 -0.1
HDA			Iamb	Iamb	05 45 20.6
SCM	Sheep Creek Mo	74.50 29	P	P	05 45 14.3 -1.2
SMAR	Burnt Mountain	74.53 24	P	P	05 45 15.7 +0.1
PRP	Porcupine Dome	74.56 26	P	P	05 45 15.1 -0.7
PAX	Paxson	75.11 28	P	P	05 45 18.7 -0.4
PAX			Iamb	Iamb	05 45 51.0
RIDG	Independent Ri	75.22 27	P	P	05 45 18.8 -0.8
RIDG			Iamb	Iamb	05 45 37.9
SCRK	Sand Creek	75.54 27	P	P	05 45 20.8 -0.7
FINES	FINES Array B	75.58 327	P	P	05 45 21.3 -0.3
DOT	Dot Lake	75.58 27	P	P	05 45 20.3 -1.4
BRTR	Keskin Array B	75.72 307	P	P	05 45 23.2 +0.2
N25K	Chitina, Valde	75.82 29	P	P	05 45 23.2 +0.2
N25K			Iamb	Iamb	05 45 43.7
VSU	Vasula	75.94 327	eP	P	05 45 23.1 -0.5
GLB	Gilgula Butte	76.23 29	P	P	05 45 25.0 -0.4
GLB			Iamb	Iamb	05 45 42.9
MNK	Minsk	76.23 32			

9d 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KSRS Korea Array, KSAR Wonju Array, WDC Whiskeytown Dam, etc.

IDC 09 05:42:35.7-1.5, 5.74N, 127.95E, h0km, mb4.1/8, mb1.4/2.8, mb1mx3.8/5.2, mbtmp4.1/8, MS4.6/1, ms1mx3.3/4.2, Error ellipse: s-maj=166.8km s-min=16.2km az=69.0

NEIC 09 05:42:50.8-2.0, 5.6N, 127.73E, h123km, 10km, mb4.2/11, Error ellipse: s-maj=18.1km s-min=6.4km az=213.0

MAN 09 05:42:51.6, 5.11N, 127.08E, h39km, mb4.8, ML3.7, MS3.6, Error ellipse: s-maj=119.8km s-min=28.1km az=46.0, South Australia

IDC 09 05:42:48.1-1.0, 5.65N, 127.8E, h0.1, h100km, n28, Error ellipse: s-maj=132.0km s-min=11.0km az=11.0, Philippines Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DAV Davao City, KCP Kepadawan, TMT Ternate, etc.

NEIC 09 05:47:33.0-1.6, 3.21S, 0.07E, 146.31E, 0.07, h38km, 12km, mb4.1/10, Error ellipse: s-maj=10.2km s-min=9.9km az=195.0

IDC 09 05:47:34.0-2.3, 3.84S, 146.28E, h0km, mb3.9/3, mb1.4/2.6, mb1mx3.8/4.4, mbtmp4.0/6, ML3.7/2, Error ellipse: s-maj=80.6km s-min=21.7km az=90.0

ISC 09 05:47:29.1-1.2, 3.25S, 0.11E, 146.3E, 0.1, h10km, n21, Error ellipse: s-maj=49.17km s-min=14.3km az=136.0, Bismarck Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MANU Manus Island, RABL Rabaul, PMG Port Moresby, etc.

IDC 09 06:09:47.3-0.8, 27.04S, 176.32W, h0km, mb4.1/9, mb1.4/3.10, mb1mx4.2/2.4, mbtmp4.1/10, ML4.6/1, Error ellipse: s-maj=29.8km s-min=20.6km az=136.0

ISC 09 06:09:52.5-0.7, 27.1S, 0.1x176.2W, 0.1, h35km, n21, Error ellipse: s-maj=131.21km s-min=10.9km az=176.2, Kermadec Islands region

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RAO 106nm, 0.3s, baz=252, slow=20, SNR=2.2, etc.

IDC 09 06:15:04.2-4.6, 30.33S, 138.07E, h0km, mb1.3/0.3, mb1mx3.0/1.9, mbtmp2.8/3, ML2.5/3, Error ellipse: s-maj=119.8km s-min=28.1km az=46.0, South Australia

IDC 09 06:32:28.8-5.0, 57.04S, 143.32W, h0km, mb3.7/2, mb1.4/0.2, mb1mx3.7/2.6, mbtmp3.7/2, Error ellipse: s-maj=683.9km s-min=115.0km az=170.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA Chiono Mal Arr, etc.

IDC 09 06:32:28.8-5.0, 57.04S, 143.32W, h0km, mb3.7/2, mb1.4/0.2, mb1mx3.7/2.6, mbtmp3.7/2, Error ellipse: s-maj=683.9km s-min=115.0km az=170.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

IDC 09 06:45:34.8-6.2, 9.91S, 119.60E, h0km, mb4.0/1, mb1.3/8.3, mb1mx3.4/3.4, mbtmp3.6/3, ML3.6/2, Error ellipse: s-maj=199.1km s-min=49.4km az=28.0, Kermadec Islands region

IDC 09 06:45:43.2-0.5, 8.1S, 6.12E, h168km, 7km, M3.7/8, mb4.3/1, MLV3.4/8

ISC 09 06:45:41.8-1.1, 8.2S, 0.1x120.07E, 0.05, h200km, n15, Error ellipse: s-maj=216.71km s-min=12.0km az=115.0, Flores Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, EDFI Ende, etc.

SOME 09 06:49:47.1, 39.32N, 75.70E, h5km, NNC 09 06:49:49.3, 1.3, 39.36N, 75.76E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=8.7km s-min=2.7km az=4.0

KRNET 09 06:49:50.6, 0.1, 39.12N, 75.97E, mb2.8, Error ellipse: s-maj=49.2km s-min=12.7km az=12.0

ISC 09 06:49:2.7, 39.1N, 0.1x75.72E, 0.06, h10km, n28, Error ellipse: s-maj=23.44km s-min=6.0km az=12.0, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ARLS Aral, ARLS Kajsaj, etc.

440

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BOOM baz=60, KST Kasek, etc.

TUL 09 06:49:58.6-1.1, 35.67N, 0.01x97.08W, 0.02, h6km, 4km, ML2.5, mb, Lg2/214(NEIC), Error ellipse: s-maj=2.3km s-min=1.5km az=136.0

NEIC 09 06:49:59.0-1.0, 35.59N, 0.01x97.08W, 0.02, h7km, 4km, Error ellipse: s-maj=2.6km s-min=1.5km az=130.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OK005 Luther M School, OK005 Westminister, etc.

IASPEI 09 07:05:33.5-1.1, 36.82N-0.03:97.81W-0.03, h6km, 9km,
Error ellipse: s-maj=4.1km s-min=3.4km az=147.2, GT5
selection from ISC bulletin GT5 identified by Bondr and
McLaughlin (2009) selection criteria Bondr and
McLaughlin, A new ground truth data set for seismic
studies, Seism. Res. Lett., 80,4, 465-472,
2009

NEIC 09 07:05:33.5-0.7, 36.81N-0.02:97.80W-0.05, h2km, 6km,
Error ellipse: s-maj=6.5km s-min=2.5km az=74.0
ANF 09 07:05:33.6-0.1, 36.82N-97.82W, h3km, ML4.4/21, Error
ellipse: s-maj=1.9km s-min=1.8km az=173.0
TUL 09 07:05:33.2-1.2, 36.84N-0.04:97.80W-0.07, h1km, 7km,
ML3.5, mb_Lg3.6/149(NEIC), Error ellipse: s-maj=7.6km
s-min=5.0km az=70.0
ISC 09 07:05:33.5-0.9, 36.82N-0.02:97.81W-0.02, h5km, 7km,
n144, e054/121, Oklahoma

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
				h m s	h m s	ISC
GC02	Grant County #	0.05 311	Op	Pg	07 05 34.8	0.0
GC02			Sg	Pg	07 05 35.8	0.0
KAN17	Caldwell West	0.23 9	Sg	Pg	07 05 38.2	+0.1
KAN17			Sg	Pg	07 05 41.4	+0.3
OK032	Salt Plains WL	0.32 268	Sg	Pg	07 05 40.2	+0.2
OK032			Sg	Pg	07 05 44.6	+0.6
KAN13	South Haven SW	0.33 54	Sg	Pg	07 05 40.1	+0.1
KAN13			Sg	Pg	07 05 44.7	+0.4
CROK	Carrier	0.34 204	Sg	Pg	07 05 40.6	+0.5
CROK			Sg	Pg	07 05 45.7	+1.0
KAN10	Anthony SW Sta	0.38 323	Sg	Pg	07 05 40.9	0.0
KAN08	Anthony NE Sta	0.43 343	Sg	Pg	07 05 41.9	+0.1
KS20	Mayfield South	0.46 26	Sg	Pg	07 05 42.5	+0.1
KS20			Sg	Pg	07 05 48.5	+0.1
BLOK	Blackwell	0.48 37	Sg	Pg	07 05 42.9	+0.1
BLOK			Sg	Pg	07 05 49.5	+0.5
KAN12	Harper NE Stat	0.50 943	Sg	Pg	07 05 43.1	+0.1
T35A	Sooner Cattle	1.05 84	P	Pg	07 05 53.1	-0.5
T35B	Sooner Cattle	1.05 84	P	Pg	07 05 53.1	-0.4
T35B	baz=265, SNR=578		S	Sg	07 06 07.1	-0.1
T35B			S			
U32A	Winter Ranch,	1.05 246	P	Pg	07 05 53.1	-0.6
U32A	Winter Ranch,	1.05 246	P	Pg	07 05 53.2	-0.5
U32A	Winter Ranch,	1.05 246	P		07 05 53.2	
OK029	Liberty Lake	1.06 164	Pg	Pg	07 05 53.6	-0.2
QUOK	Quay	1.10 126	Pg	Pg	07 05 54.2	-0.4
OK031	S. Brethren Rd	1.17 137	Pg	Pg	07 05 55.5	-0.3
BCOK	Bluff Creek, N	1.17 172	Pg	Pg	07 05 55.6	-0.4
OK005	Luther M Schoo	1.26 156	Pg	Pg	07 05 57.4	-0.3
OK009	Oakdale Elemen	1.27 166	Pn	Pg	07 05 57.6	-0.3
OK025	Westminster Rd	1.29 163	Pg	Pg	07 05 57.8	-0.5
WH001	Jones High Sch	1.32 161	Pg	Pg	07 05 58.4	-0.5
OKCFA	Oklahoma City	1.43 168	Iamb_Lg	P	07 06 00.1	-0.1
OKCFA	comp=Z,285nm,0.8s				07 06 21.1	
OKCFA	Oklahoma City	1.43 168	P	Pn	07 06 00.2	0.0
OKCFA	baz=348, SNR=46		S	Sn	07 06 20.4	+1.1
OKCFA			S			
OKCFA	Oklahoma City	1.43 168	P	Pn	07 06 00.2	
OKCFA	baz=348, SNR=46		S		07 06 20.4	
OKCFA			S			
OKCWS	OKLAHOMA CITY	1.44 168	Pn	Pn	07 06 00.4	+0.1
FNO	Franklin	1.59 168	Iamb_Lg	P	07 06 02.7	+0.3
FNO			Iamb_Lg		07 06 23.8	
OK011	Prague	1.61 145	Pn	Pn	07 06 02.9	+0.2
R32A	Long Quarter,	1.75 336	P	Pn	07 06 05.1	+0.4
R32A			Iamb_Lg		07 06 32.1	
R32A	Long Quarter,	1.75 336	P	Pn	07 06 05.3	+0.6
R32A	baz=156, SNR=93		S	Sn	07 06 28.4	+1.0
R32A			S			
R32A	Long Quarter,	1.75 336	P	Pn	07 06 05.3	
R32A	baz=156, SNR=93		S		07 06 28.4	
R32A			S			
TUL1	Leonard	1.86 118	P	Pn	07 06 05.5	+0.4
TUL1			S	Sb	07 06 32.4	+0.7
TUL1	Leonard	1.86 118	P	Pn	07 06 06.5	
TUL1			S		07 06 32.4	
X34A	Smith Ranch, M	2.21 180	Iamb_Lg	Pn	07 06 11.6	+0.6
X34A			Iamb_Lg		07 06 48.8	
WMOK	Wichita Mounta	2.22 201	P	Pn	07 06 11.3	+0.2
WMOK	Wichita Mounta	2.22 201	P	Pn	07 06 11.4	+0.3
WMOK	Wichita Mounta	2.22 201	P		07 06 11.4	
KSU1	Kansas State U	2.47 22	Pn	Pn	07 06 14.9	+0.4
KSU1			Iamb_Lg		07 06 56.4	
KSU1	Kansas State U	2.47 22	P	Pn	07 06 15.0	+0.5
KSU1	Kansas State U	2.47 22	P	Pn	07 06 15.0	
CBKS	Cedar Bluff	2.51 323	Pn	Pn	07 06 15.6	+0.5
CBKS	Cedar Bluff	2.51 323	Pn	Pn	07 06 15.6	+0.5
CBKS	Cedar Bluff	2.51 323	P	Pn	07 06 15.6	
U38A	Gravette	2.78 97	Pn	Pn	07 06 19.4	+0.6
U38A	Gravette	2.78 97	Pn	Pn	07 06 19.6	+0.9
U38A	Gravette	2.78 97	P	Pn	07 06 19.6	
LOOK	Love County	2.87 169	Pn	Pn	07 06 20.5	+0.7
X37A	Clayton	2.98 138	P	Pn	07 06 22.3	+0.8
X37A	Clayton	2.98 138	P	Pn	07 06 22.5	+1.0
X37A	Clayton	2.98 138	P		07 06 22.5	
HHAR	Hobbs	3.16 99	Pn	Pn	07 06 24.6	+0.6
HHAR	Hobbs	3.16 99	P	Pn	07 06 24.8	+0.7
HHAR	Hobbs	3.16 99	P		07 06 24.8	
Z35A	Perchaven, San	3.51 172	P	Pn	07 06 29.1	+0.4
Z35A	Perchaven, San	3.51 172	P	Pn	07 06 29.9	+1.2
Z35A			S	Sn	07 07 11.6	+0.9
Z35A			S		07 06 29.9	
Z35A			S		07 07 11.6	
W39A	Magazine	3.64 115	Pn	Pn	07 06 30.6	0.0
S39A	Bolivar	3.69 75	Iamb_Lg	Pn	07 06 31.4	+0.3
S39A			Iamb_Lg		07 07 37.4	
S39A	Bolivar	3.69 75	P	Pn	07 06 31.3	+0.1
S39A	baz=258, SNR=32		S	Sn	07 07 16.6	+1.6
S39A			S		07 06 31.3	
S39A	Bolivar	3.69 75	P	Pn	07 06 31.3	
S39A	baz=258, SNR=32		S		07 07 16.6	
AMTX	Amarillo	3.69 240	Iamb_Lg	Pn	07 06 31.7	+0.4
AMTX			Iamb_Lg		07 07 36.1	
AMTX	Amarillo	3.69 240	P	Pn	07 06 32.3	+1.0
AMTX	baz=57, SNR=6.0		P		07 06 32.3	
N33A	J Bar K, Exete	3.93 4	Pn	Pn	07 06 34.0	-0.5
N33A			Iamb_Lg		07 07 43.2	
U40A	Yellville	4.02 95	Pn	Pn	07 06 36.5	+0.7

U40A	Yellville	4.02 95	P	Pn	07 06 36.3	+0.5
U40A	Yellville	4.02 95	P		07 06 36.3	
U40A	baz=278, SNR=32		P		07 06 36.3	
MIAR	Mount Ida	4.12 122	Pn	Pn	07 06 37.5	+0.3
MIAR			Iamb_Lg		07 07 54.6	
MIAR	comp=Z,163nm,0.8s		P	Pn	07 06 37.7	+0.5
MIAR	baz=305, SNR=14		P		07 06 37.7	
MIAR	Mount Ida	4.12 122	P		07 06 37.7	
Z38A	Mt. Pleasant	4.24 146	Iamb_Lg	Pn	07 07 51.8	
Z38A	comp=Z,186nm,0.8s					
P38A	Dawn	4.38 49	Pn	Pn	07 06 41.1	+0.4
P38A			Iamb_Lg		07 07 52.0	
P38A	comp=Z,162nm,0.8s					
P38A	baz=232, SNR=13		P	Pn	07 06 41.0	+0.3
P38A	Dawn	4.38 49	P		07 06 41.0	
P38A	baz=232, SNR=13		P		07 06 41.0	
KSC0	Kaye Shedlock'	4.39 301	Pn	Pn	07 06 41.1	0.0
KSC0			Iamb_Lg		07 07 56.5	
KSC0	comp=Z,139nm,0.7s					
KSC0	Kaye Shedlock'	4.39 301	P	Pn	07 06 40.9	-0.2
KSC0	baz=118					
KSC0	Kaye Shedlock'	4.39 301	P		07 06 40.9	
ABTX	Abilene, Hawle	4.45 200	Pn	Pn	07 06 41.9	+0.2
ABTX			Iamb_Lg		07 07 53.3	
ABTX	comp=Z,169nm,1.2s					
ABTX	Abilene, Hawle	4.45 200	P	Pn	07 06 41.5	-0.2
ABTX	baz=19					
ABTX	Abilene, Hawle	4.45 200	P		07 06 41.5	
ABTX	baz=19					
MGMO	Mountain Grove	4.45 84	Pn	Pn	07 06 42.2	+0.5
BGNE	Belgrade	4.59 357	Pn	Pn	07 06 43.3	+0.3
BGNE			Iamb_Lg		07 08 04.1	
BGNE	comp=Z,200nm,0.7s					
BGNE	Belgrade	4.59 357	P	Pn	07 06 43.8	+0.1
BGNE	baz=177, SNR=11					
BGNE	Belgrade	4.59 357	P		07 06 43.8	
R40A	Maddies Station	4.64 70	Pn	Pn	07 06 44.4	+0.1
R40A			Iamb_Lg		07 08 09.9	
R40A	comp=Z,79nm,0.9s					
R40A	Maddies Station	4.64 70	P	Pn	07 06 44.5	+0.1
R40A	baz=253, SNR=41					
R40A	Maddies Station	4.64 70	P		07 06 44.5	
R40A	baz=253, SNR=41					
X40A	Basin Creek	4.67 118	Pn	Pn	07 06 45.6	+0.9
X40A			Iamb_Lg		07 08 13.6	
FCAR	Ozark Folk Cen	4.68 100	Pn	Pn	07 06 45.3	+0.5
FCAR			Iamb_Lg		07 08 01.1	
FCAR	comp=Z,180nm,0.7s					
WHTX	Lake Whitney,	4.82 176	Pn	Pn	07 06 46.8	-0.1
WHTX			Iamb_Lg		07 08 19.4	
WHTX	comp=Z,72nm,0.8s					
WHTX	Lake Whitney,	4.82 176	P	Pn	07 06 47.0	+0.1
WHTX	baz=357, SNR=7.8					
WHTX	Lake Whitney,	4.82 176	P		07 06 47.0	
WHTX	baz=357, SNR=7.8					
MSTX	Muleshoe	4.95 236	Pn	Pn	07 06 48.9	+0.3
MSTX			Pn	Pn	07 06 49.0	+0.3
MSTX	Muleshoe	4.95 236	P	Pn	07 06 49.0	
MSTX	baz=53, SNR=5.8					
MSTX	Muleshoe	4.95 236	P		07 06 49.0	
WLAR	White Oak Lake	4.95 128	Iamb_Lg		07 08 16.5	
WLAR	comp=Z,144nm,0.8s					
237A	Washetta, Mont	5.08 160	Pn	Pn	07 06 50.1	-0.3
237A			Iamb_Lg		07 08 23.8	
L34A	Svendsen Farm,	5.26 12	Pn	Pn	07 06 52.6	-0.2
L34A			Iamb_Lg		07 08 31.9	
OGNE	Ogallala	5.28 323	Iamb_Lg		07 08 28.1	
P40A	Paris	5.29 57	Pn	Pn	07 06 52.8	-0.4
P40A			Iamb_Lg		07 08 27.1	
P40A	comp=Z,129nm,0.8s					
T25A	Trinidad	5.29 275	Iamb_Lg	Pn	07 06 53.9	+0.4
T25A			Iamb_Lg		07 08 28.3	
N38A	Joess South For	5.34 41	Pn	Pn	07 06 53.9	0.0
N38A			Iamb_Lg		07 08 34.9	
CCM	Cathedral Cave	5.37 75	Pn	Pn	07 06 54.3	-0.1
CCM			Iamb_Lg		07 08 28.7	
LCAR	Lake Charles,	5.42 96	Pn	Pn	07 06 55.6	+0.6
LCAR			Iamb_Lg		07 08 25.0	
K31A	O'Neill	5.84 353	Iamb_Lg	Pn	07 08 44.7	
K31A	comp=Z,146nm,0.7s					
435B	Jarrell	6.02 178	Pn	Pn	07 07 02.9	-0.4
LPAR	Lepanto	6.19 99	Pn	Pn	07 07 05.9	+0.3
SDDC	Great Sand Dun	6.20 281	Iamb_Lg	Pn	07 07 06.2	+0.1
SDDC			Iamb_Lg		07 08 58.2	
SCIA	State Center	6.21 34	Pn	Pn	07 07 05.5	-0.3
SLM	Saint Louis	6.27 71	Iamb_Lg	Pn	07 08 49.2	
JCT	Junction City	6.54 195	Iamb_Lg	Pn	07 07 10.2	-0.2
JCT			Iamb_Lg		07 09 07.7	
N41A	Harden Midland	6.68 52	Iamb_Lg	Pn	07 09 08.4	

Table of station data for 9d 8h, including station names, coordinates, and various parameters like elevation and frequency.

NAO 09 07:36:04.3.2.1, 79.777N, 4.32E, ML3.4
NEIC 09 07:36:05.0.1.6, 79.4N, 0.1, 3.9E, 0.4, h10km, 2km, mb4.47, Error ellipse: s-maj=19.0km s-min=11.2km az=354.0
BER 09 07:36:06.9.3.0, 79.67N, 4.65E, h10km, ML2.8, ML3.4(DNK), Confirmed Earthquake
IDC 09 07:36:06.5.1.3, 79.56N, 4.13E, h0km, mb3.8/5, mb1.3/9/10, mb1mx3.5/48, mbtmp3.9/10, ML2.8/3, MS3.6/23, Ms1.3/7.23, ms1mx3.5/52, Error ellipse: s-maj=24.3km s-min=20.5km az=178.0
DNK 09 07:36:08.1.3.2, 79.86N, 4.62E, h40km, 46km, ML3.6
ISC 09 07:36:06.3.0.6, 79.41N, 0.06, 3.86E, 0.04, h16km, n71, +260/76, mb3.9/8, MS3.7/16, 1C, Greenland Sea

Table of station data for 2015 AUG, including station names, coordinates, and various parameters like elevation and frequency.

Table of station data for BRTR, including station names, coordinates, and various parameters like elevation and frequency.

IDC 09 08:04:22.1.2.8, 5.54S, 152.19E, h0km, mb3.2/3, mb1.3/6/3, mb1mx3.3/44, mbtmp3.2/3, Error ellipse: s-maj=22.1km s-min=32.4km az=128.0, New Britain region

TIN	Tinemaha, Big bazz=126,SNR=9.4	45.51 319	P	P	08 44 35.1 +2.1
REDW	Red Top Meadow comp=Z,712nm,21.0s	45.55 331	IAMS_20	IAMS_20	09 04 36.0
SNOW	Snow King comp=Z,658nm,20.0s	45.58 331	IAMS_20	IAMS_20	09 05 11.8
LOHW	Long Hollow comp=Z,899nm,21.0s	45.62 332	IAMS_20	IAMS_20	09 05 14.9
TPAW	Teton Pass comp=Z,692nm,21.0s	45.69 331	IAMS_20	IAMS_20	09 05 01.8
SMCC	Simmler bazz=122	45.72 316	P	P	08 44 36.3 +1.6
PLTB	Pedras Altas Indian Meadow comp=Z,687nm,20.0s	45.91 145 45.99 332	eP IAMS_20	IAMS_20	08 44 36.0 -0.1 09 05 24.8
ELK	Elko comp=Z,797nm,18.5s bazz=123,slow=38	45.99 325	LR	LR	09 05 28.8
ELK	Elko comp=Z,854nm,22.0s	45.99 325	IAMS_20	IAMS_20	09 03 20.1
FLWY	Flagg Ranch comp=Z,726nm,19.0s	46.02 332	P	P	08 44 35.7 -1.4
FLWY	Red Lodge comp=Z,726nm,19.0s	46.17 334	P	P	08 44 37.0 -1.3
RLMT	Red Lodge bazz=142,SNR=9.7	46.17 334	P	P	08 44 39.7 +1.4
LAO	LASA Array comp=Z,35nm,1.1s	46.20 338	P	P	08 44 37.6 -0.7
LAO	LASA Array bazz=146,SNR=7.9	46.20 338	P	P	08 44 44.9
H17A	Grant Village bazz=140	46.20 332	P	P	08 44 39.1 +0.9
MLAC	Mammoth, Mammoth bazz=126	46.24 320	P	P	08 44 41.9 +3.3
LKWY	Lake comp=Z,736nm,20.0s	46.25 333	IAMS_20	IAMS_20	08 44 42.9 +4.0
NVAR	Minna Array Bea comp=Z,14nm,0.9s,bazz=132,slow=7.1,SNR=36	46.37 321	P	P	09 06 13.5
NVAR	comp=Z,947nm,18.9s,bazz=128,slow=36	46.37 321	P	P	08 44 41.0 +1.0
ULM	Lac du Bonnet comp=Z,9.4nm,0.8s,bazz=157,slow=7.3,SNR=11	46.38 348	P	P	09 04 22.0
ULM	comp=Z,5.8nm,0.8s,bazz=168,slow=6.5,SNR=26	46.38 348	P	P	08 44 40.3 +0.8
ULM	Lac du Bonnet bazz=142,SNR=9.7	46.38 348	P	P	08 46 14.4 0.0
ESAR	Angra dos Reis bazz=124	46.60 128	eP	P	08 44 37.7 -1.8
GDUI	Guandu, BA bazz=124	46.64 114	eP	P	08 44 43.0 +0.7
NBPA	Parau RN bazz=124	46.72 103	eP	P	08 44 43.0 +0.9
PLCA	Paso Flores comp=Z,14nm,0.9s,bazz=134,slow=8.7,SNR=16	46.91 167	P	P	08 44 43.4 +0.7
PLCA	Paso Flores bazz=124	46.91 167	P	P	08 44 44.1 +0.2
PLCA	Paso Flores bazz=124	46.91 167	P	P	08 44 43.9 0.0
PLCA	Paso Flores bazz=124	46.91 167	P	P	08 44 45.5 +1.8
TRQA	Torquisto bazz=124	47.01 158	eP	P	08 44 46.5 +1.8
SJMB	Sao Joao De Ma Livramento - P	47.19 121	eP	P	08 44 46.3 0.0
NBLV	Camacan, BA bazz=124	47.25 105	eP	P	08 44 48.6 +1.5
CMC01	Camacan, BA bazz=124	47.25 105	eP	P	08 44 47.6 +0.4
HLID	Hailey bazz=135	47.47 329	P	P	08 44 49.1 +0.6
CMB	Columbia Colle comp=Z,634nm,20.0s	47.48 319	IAMS_20	IAMS_20	09 04 28.6
GUA01	Guaratinga, BA bazz=124	47.50 118	eP	P	08 44 49.6 +0.8
BSFB	Barra de Sao F Bozeman (W)	47.53 121	eP	P	08 44 48.9 -0.1
BOZ	Bozeman (W) bazz=139,SNR=17	47.60 333	IAMS_20	IAMS_20	09 06 32.2
BOZ	Bozeman (W) bazz=139,SNR=17	47.60 333	P	P	08 44 50.9 +1.6
NAN01	Guarapari, ES bazz=124	47.73 120	eP	P	08 44 51.5 +1.0
DUB01	Friburgo-RJ bazz=124	47.77 126	eP	P	08 44 50.9 0.0
DLMT	Dillon comp=Z,728nm,20.0s	47.88 332	IAMS_20	IAMS_20	09 06 54.5
RCBR	Riachuelo bazz=124	47.91 102	eP	P	08 44 53.6 +1.6
MFID	Camacas Ranch comp=Z,39nm,1.6s	48.12 328	IAMB	IAMB	08 44 52.4 -1.0
MFID	comp=Z,39nm,1.6s	48.12 328	IAMB	IAMB	08 44 59.8
MFID	comp=Z,39nm,1.6s	48.12 328	IAMB	IAMB	09 04 48.1
RIB01	Linhares ES San Ignacio de bazz=124	48.12 121	eP	P	08 44 54.3 +0.7
LL01	San Ignacio de bazz=124	48.13 170	IAMB	IAMB	08 44 57.3
CAM01	Campos-RJ bazz=124	48.22 125	eP	P	08 44 55.9 +1.6
ALF01	Guarapari-ES bazz=124	48.42 123	eP	P	08 44 58.1 +2.3
NBAN	Anadia - AL bazz=124	48.47 108	eP	P	08 44 58.6 +2.3
NBVP	Pedro Velho bazz=124	48.63 103	eP	P	08 44 59.0 +1.4
EGMT	Eagleton comp=Z,520nm,22.0s	48.68 336	IAMS_20	IAMS_20	08 44 56.7 -0.8
EGMT	Eagleton bazz=143,SNR=5.2	48.68 336	P	P	09 07 33.6
EGMT	Eagleton bazz=143,SNR=5.2	48.68 336	P	P	08 44 58.7 +1.1
LL02	Futaleufu comp=Z,21nm,1.1s	49.02 170	IAMB	IAMB	08 45 02.5
WVOR	Wild Horse Val Oroville	49.03 325	P	P	08 45 00.2 -0.2
ORV	Oroville comp=Z,570nm,20.0s	49.05 320	IAMS_20	IAMS_20	09 05 45.2
MCCM	Marconi comp=Z,732nm,19.0s	49.19 318	IAMS_20	IAMS_20	09 02 33.0
J08A	Circle Bar Ran Missoula (W)	49.52 326	P	P	08 45 02.8 -1.4
MJO	Missoula comp=Z,732nm,19.0s	49.59 332	IAMS_20	IAMS_20	08 45 03.4 -1.2
MJO	Missoula bazz=124	49.59 332	P	P	09 07 55.9
MSO	Missoula bazz=124	49.59 332	P	P	08 45 05.6 +1.0
O03E	Paynes Creek bazz=124	49.66 321	P	P	08 45 05.7 +0.5
MOD	Modoc Plateau bazz=124	49.68 323	P	P	08 45 04.4 -1.0
HOPS	Hopland Field comp=Z,678nm,20.0s	49.77 319	IAMS_20	IAMS_20	09 05 58.2
BMO	Blue Mountains BMO	49.87 328	P	P	08 45 06.1 -0.7
BMO	Blue Mountains bazz=124	49.87 328	P	P	09 05 40.5
O02D	Mt. Diablo Mer bazz=123	50.22 320	P	P	08 45 10.8 +1.3
WDC	Whiskeytown Da comp=Z,550nm,21.0s	50.28 321	IAMS_20	IAMS_20	09 06 03.9
M04C	Macdoel bazz=125,SNR=13	50.53 322	P	P	08 45 12.4 +0.6
N02D	Trinity Center bazz=124	50.61 321	P	P	08 45 12.9 +0.5
M02C	Callahan bazz=124	50.93 321	P	P	08 45 15.4 +0.6
YBH	Yreka Blue Hor comp=Z,745nm,20.7s,bazz=144,slow=37	51.04 322	LR	LR	09 07 19.2
YBH	Yreka Blue Hor comp=Z,745nm,20.7s,bazz=144,slow=37	51.04 322	P	P	08 45 14.3 -1.3
YBH	Yreka Blue Hor comp=Z,745nm,20.7s,bazz=144,slow=37	51.04 322	P	P	09 07 07.7
J05D	Fort Rock, OR bazz=124	51.06 324	P	P	08 45 17.7 +1.9
L04D	Klamath Falls bazz=125,SNR=12	51.07 322	P	P	08 45 15.7 -0.2
SCHO	Schefferville comp=Z,30nm,0.9s,bazz=205,slow=6.2,SNR=22	51.23 12	P	P	08 45 18.1 +1.3
SCHO	Schefferville bazz=124	51.23 12	P	P	09 06 09.0
COYC	Coyhaique comp=Z,232nm,22.0s,bazz=207,slow=35	51.29 171	P	P	08 45 17.0 -0.2
COYC	Coyhaique bazz=124	51.29 171	IAMB	IAMB	08 45 22.0
J04D	Umpqua Nationa bazz=126	51.54 324	P	P	08 45 20.5 +0.9
HUMO	Hull Mountain comp=Z,715nm,20.0s	51.68 322	IAMS_20	IAMS_20	09 07 25.8
I05D	Terrebonne, OR bazz=128	51.76 325	P	P	08 45 22.8 +1.9
I02E	Cave Junction bazz=124	51.83 322	P	P	08 45 22.8 +1.4
H04A	Tendick Farm, bazz=124	52.05 324	P	P	08 45 24.2 +1.1
I04A	Hanford comp=Z,557nm,20.0s	52.06 328	IAMS_20	IAMS_20	09 08 19.5
NEW	Newport comp=Z,480nm,20.1s,bazz=133,slow=37	52.12 331	LR	LR	09 08 32.0
NEW	Newport comp=Z,511nm,20.0s	52.12 331	IAMS_20	IAMS_20	09 07 49.9
K02D	Willamette Mer bazz=124,SNR=8.9	52.16 322	P	P	08 45 25.0 +1.0
G05D	Wamic, OR bazz=128	52.30 326	P	P	08 45 27.1 +2.3
H04A	Detroit Lake bazz=124	52.45 325	P	P	08 45 24.2 -1.8
H04A	Detroit Lake comp=Z,21nm,1.0s	52.45 325	IAMB	IAMB	08 45 33.2
I03D	Drain, OR bazz=125	52.54 323	P	P	08 45 29.6 +2.9
J01E	Myrtle Point bazz=124	52.59 323	P	P	08 45 27.9 +0.8
H04D	Lebanon bazz=126	52.67 325	P	P	08 45 29.4 +1.8
F05D	White Salmon bazz=128	52.77 327	P	P	08 45 30.8 +2.4
I02D	Swishome bazz=125	53.07 324	P	P	08 45 34.1 +3.5
G03D	McClintville, O bazz=126	53.38 325	P	P	08 45 36.1 +3.3
D03D	Eldon bazz=128	54.67 327	P	P	08 45 45.2 +3.0
TAOE	Nuku Hiva Isla comp=Z,193nm,27.6s	58.98 257	eS	S	08 54 15.7 -4.6
TAOE	comp=Z,21nm,27.2s	58.98 257	eLQ	LQ	09 01 09.3
TAOE	comp=Z,21nm,27.2s	58.98 257	eLR	LR	09 03 34.8
YKA	Yellowknife Ar comp=Z,5.3nm,1.0s,bazz=138,slow=6.7,SNR=20	61.95 344	P	P	08 46 32.1 -0.8
YKA	comp=Z,21nm,20.0s,bazz=0.0,slow=57	61.95 344	LR	LR	09 14 39.2
RUBB	Prince Rupert comp=Z,14nm,1.0s	62.32 331	IAMB	IAMB	08 46 33.7 -1.8
RUBB	Prince Rupert comp=Z,14nm,1.0s	62.32 331	IAMB	IAMB	08 46 43.7
WRAK	Wrangell Islan comp=Z,436nm,20.0s	64.47 332	IAMS_20	IAMS_20	09 15 46.4
DLBC	Dease Lake comp=Z,477nm,21.0s	64.57 335	P	P	08 46 49.0 -1.4
JIS	Juneau Islan comp=Z,477nm,21.0s	66.39 333	IAMS_20	IAMS_20	09 17 31.3
PMOZ	Porto Moniz, M comp=Z,154nm,20.0s	66.68 57	eLR	LR	09 07 23.1
SKAG	Skagway bazz=121	67.43 334	P	P	08 47 12.2 +3.6
PPT	Papeete comp=Z,444nm,20.0s,bazz=58,slow=36	69.76 249	LR	LR	09 10 28.0
PPT2	Papeete2 comp=Z,173nm,24.0s	69.77 249	eS	S	08 56 29.1 -4.5
PPT2	Papeete2 comp=Z,653nm,25.8s	69.77 249	eLQ	LQ	09 05 34.2
PPT2	Papeete2 comp=Z,714nm,27.8s,bazz=77	69.77 249	eLR	LR	09 08 35.8
YAH	Yahtse comp=Z,476nm,22.0s	70.70 333	IAMS_20	IAMS_20	09 19 41.0
CTG	Chitina Glacier bazz=116	70.78 334	P	P	08 47 31.1 +1.4
TBI	Tubuai comp=Z,527nm,28.8s	70.99 243	eS	S	08 56 41.3 -6.3
TBI	Tubuai comp=Z,773nm,31.5s	70.99 243	eLQ	LQ	09 06 07.6
TBI	Tubuai comp=Z,773nm,31.5s	70.99 243	eLR	LR	09 09 09.7
TGL	Tana Glacier comp=Z,21nm,29.0s,bazz=72	71.36 333	IAMS_20	IAMS_20	09 21 49.5
DAWY	Dawson comp=Z,476nm,22.0s	71.39 337	P	P	08 47 32.5 -0.7
DAWY	Dawson comp=Z,476nm,22.0s	71.39 337	IAMB	IAMB	08 47 39.6
CRQE	Cirque comp=Z,12nm,0.9s	71.47 333	P	P	08 47 35.5 +1.6
CRQM	Cirque comp=Z,293nm,20.0s	71.50 333	IAMS_20	IAMS_20	09 24 26.6
EPYK	Eagle Plains bazz=122	71.58 340	P	P	08 47 35.7 +1.4
M27K	Edge Creek, AK bazz=116,SNR=7.5	71.62 335	P	P	08 47 36.9 +2.1
INK	Inuvik comp=Z,12nm,1.0s,bazz=102,slow=8.7,SNR=9.8	71.63 342	P	P	08 47 35.2 +0.8
INK	Inuvik comp=Z,480nm,19.8s,bazz=104,slow=38	71.63 342	LR	LR	09 21 34.2
INK	Inuvik comp=Z,480nm,19.8s,bazz=104,slow=38	71.63 342	IAMB	IAMB	08 47 34.0 -0.4
INK	Inuvik comp=Z,19nm,0.9s	71.63 342	P	P	08 47 41.4
INK	Inuvik bazz=126,SNR=12	71.63 342	P	P	08 47 37.8 +3.3
MCARA	McCarthy VSAT bazz=114	71.70 334	P	P	08 47 38.5 +3.4
KAIM	Kayak Island comp=Z,414nm,21.0s	71.75 332	IAMS_20	IAMS_20	09 17 57.0
KAIM	Kayak Island bazz=112	71.75 332	P	P	08 47 36.8 +1.5
L27K	Beaver Creek comp=Z,317nm,20.0s	71.91 336	IAMS_20	IAMS_20	09 21 35.8
L27K	Beaver Creek bazz=116,SNR=39	71.91 336	P	P	08 47 37.3 +1.0
M26K	Nabesna, AK bazz=112	72.11 335	P	P	08 47 39.5 +1.3
BMRM	Bremner River comp=Z,451nm,22.0s	72.24 333	IAMS_20	IAMS_20	09 20 13.8
BMRM	Bremner River bazz=113,SNR=7.1	72.24 333	P	P	08 47 40.0 +1.6
EGAK	Eagle comp=Z,14nm,0.8s	72.41 337	IAMB	IAMB	08 47 38.8 -0.4
EGAK	Eagle comp=Z,14nm,0.8s	72.41 337	IAMS_20	IAMS_20	08 47 45.8
EGAK	Eagle comp=Z,336nm,20.0s	72.41 337	P	P	09 22 33.0
EGAK	Eagle bazz=117,SNR=22	72.41 337	P	P	08 47 40.0 +0.8
K27K	Chicken comp=Z,420nm,22.0s	72.43 337	IAMS_20	IAMS_20	09 20 02.6
K27K	Chicken bazz=116	72.43 337	P	P	08 47 40.9 +1.6
N25K	Chitina, Valde comp=Z,416nm,22.0s	72.48 334	IAMS_20	IAMS_20	09 22 12.2
N25K	Chitina, Valde bazz=113,SNR=7.9	72.48 334	P	P	08 47 41.4 +1.5
L26K	Log Cabin Wild bazz=114	72.52 335	P	P	08 47 40.5 +0.5
EYAK	Cordova Ski Ar bazz=122	72.60 332	P	P	08 47 41.8 +1.4
FID	Port Fidalgo comp=Z,359nm,21.0s	73.01 333	IAMS_20	IAMS_20	09 22 13.5
KLU	Klutina bazz=112,SNR=15	73.03 333	P	P	08 47 46.2 +3.1
SCRK	Sand Creek bazz=114,SNR=17	73.17 336	P	P	08 47 45.7 +1.8
GLI	Glacier Islan comp=Z,324nm,20.0s	73.3			

9d 9h

2015 AUG

Table with columns for station name, time, magnitude, and other parameters. Includes stations like MJAR, MAJO, MAT, etc.

Table with columns for station name, time, magnitude, and other parameters. Includes stations like ASAR, ARCS, ARCES, etc.

Table with columns for station name, time, magnitude, and other parameters. Includes stations like SP2, GBL, RSW, etc.

IASPEI 09:35:39.7-0.9, 47.25N-120.74W:0.02, h10km, 6km, Error ellipse: s-maj=3.2km s-min=2.6km az=21.7, Gt5 selection from ISC bulletin GT5 identified by Bondar and McLaughlin (2009) selection criteria Bondar and McLaughlin. A new ground truth dataset for seismic displacements. Seism. Res. Let., 80 4, 465-472, 2009

ANF 09:35:39.9-0.7, 47.27N-120.72W, h8km, 5km, ML3.1/15, Error ellipse: s-maj=3.2km s-min=3.2km az=31.0, NEIC 09:35:40.0-1.3, 47.24N-120.73W:0.02, h7km, 4km, Error ellipse: s-maj=2.0km s-min=1.8km az=216.0, SEA 09:35:40.4-1.5, 47.25N-120.75W:0.02, h5km, 6km, ML3.0/73, ML2.9/74(NEIC), Error ellipse: s-maj=1.8km s-min=1.8km az=194.0, ISC 09:35:40.0-0.6, 47.25N-120.73W:0.02, h9km, 5km, 1169, 0875/191, Washington

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Lillooet, Pine Mountain, Mink Peak, Fort Rock, etc.

IDC 09 10:11:00.9-0.9, 77.12N, 125.47E, h0km, mb3.7/8, mb1 4.0/10, mb1mx3.6/48, mbtmp3.7/10, ML5.5/1, MS3.0/3, Ms1 3.0/3, ms1mx2.6/33, Error ellipse: s-maj=25.0km s-min=19.4km az=157.0

NEIC 09 10:11:01.2-0.9, 77.0N, 0.1x125.3E-0.5, h10km, 1km, mb4.5/11, Error ellipse: s-maj=23.3km s-min=20.1km az=203.0

IDC 09 11:01:01.4-0.6, 76.85N, 0.06-125.77E, 0.09, h10km, n33, alpha220/34, mb4.1/11, Laptav Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tiksi, Batagay, Waramunga, etc.

IDC 09 11:03:42.1-3.9, 13.37N, 91.45W, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.7/34, mbtmp3.7/6, ML3.7/1, MS3.0/2, Ms1 3.0/2, ms1mx2.6/32, Error ellipse: s-maj=74.1km s-min=54.3km az=173.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Montecristo, Comitan, San Cristobal, etc.

IDC 09 11:31:11.8-1.2, 0.24N, 128.88E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/41, mbtmp3.4/5, ML2.8/1, Error ellipse: s-maj=56.3km s-min=21.7km az=59.0

IDC 09 11:32:54.8-0.9, 25.43N, 142.71E, h0km, mb4.0/18, mb1 4.2/18, mb1mx4.0/41, mbtmp4.0/18, MS2.7/1, Ms1 2.7/1, ms1mx2.0/21, Error ellipse: s-maj=34.0km s-min=15.2km az=81.0

NEIC 09 11:33:00.8-1.1, 25.44N, 0.1x142.3E-0.3, h27km, 6km, mb4.6/15, Error ellipse: s-maj=35.9km s-min=14.1km az=90.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Lake Ozona, Minna Array, etc.

IDC 09 11:45:43.1-1.5, 43.09N, 78.55E, h15km, KRNET 09 11:45:43.0-1.1, 42.92N, 78.60E, h24km, mb3.8, NINC 09 11:45:44.1-1.5, 43.09N, 78.57E, h0km, mb3.3, mpv3.0, Error ellipse: s-maj=35.5km s-min=3.8km az=171.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Zalesovo Beam, Arkan Array, etc.

IDC 09 11:34:04.4-1.8, 1.00N, 123.07E, h0km, mb3.3/3, mb1 3.6/10, mb1mx3.6/48, mbtmp3.4/3, MS2.6/1, Ms1 2.6/1, ms1mx2.2/20, Error ellipse: s-maj=197.9km s-min=27.7km az=62.0, Minnasha Peninsula, Sulawesi

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

IDC 09 11:40:57.2-0.9, 31.94N, 95.03E, h0km, mb3.7/8, mb1 3.8/10, mb1mx3.6/48, mbtmp3.7/10, ML3.5/2, MS3.2/4, Ms1 3.2/4, ms1mx2.8/32, Error ellipse: s-maj=57.0km s-min=16.2km az=120.0

IDC 09 11:41:02.1-0.8, 32.03N, 0.08-95.4E, 0.1, h35km, n15, alpha122/13, mb3.7/8, MS3.2/3, Xizang

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

SOME 09 11:45:43.3, 42.90N, 78.55E, h15km, KRNET 09 11:45:43.0-1.1, 42.92N, 78.60E, h24km, mb3.8, NINC 09 11:45:44.1-1.5, 43.09N, 78.57E, h0km, mb3.3, mpv3.0, Error ellipse: s-maj=35.5km s-min=3.8km az=171.0

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

Table with columns: Station Name, Az, Phase ID, Time Res, Res. Includes stations like Patillas Dam, Las Mesas, Interuniversit, etc.

KMA 09:14:41.0.0.0.1, 35.99N-125.74E, h4km, Error ellipse: s-maj=1.2km s-min=0.7km az=252.0, South Korea

Main table of station data for KMA, listing station names, coordinates, and observation details.

IDC 09:14:45:39.6.1.8, 6.92S, 128.20E, h0km, mb3.5/1, mb1 3.8/5, mb1mx3.4/5.0, mbtmp4.1/10, ML4.7/2, MS3.9/1, Ms1 3.9/1, ms1mx2.4/2.5, Error ellipse: s-maj=42.3km s-min=29.2km az=69.0

NEIC 09:14:45:54.0.2.0, 6.72S, 0.06E, 129.5E, 0.1, h175km, 12km, mb4.0/4, Error ellipse: s-maj=14.5km s-min=8.4km az=99.0

ISC 09:15:45:53.7.0.7, 6.72S, 0.06E, 129.5E, 0.1, h200km, n22, az=200/22, Banda Sea

Table of station data for IDC, NEIC, and ISC events, listing station names and observation parameters.

ARSB Arslanbob 70.37 318 P 15 46 49.2 +3.0

Main table of station data for ARSB, listing station names, coordinates, and observation details.

IDC 09:15:11:29.8.29.0, 23.89S, 175.04W, h0km, mb4.0/4, mb1 4.1/4, mb1mx3.7/28, mbtmp4.0/4, Error ellipse: s-maj=29.2km s-min=17.2km az=78.0

NEIC 09:15:11:31.2.1.7, 24.1S, 0.2E, 174.6W, 0.2, h24km, 8km, mb4.5/1.1, Error ellipse: s-maj=36.4km s-min=18.8km az=134.0

ISC 09:15:11:28.6.1.0, 24.2S, 0.2E, 174.7W, 0.2, h10km, n20, az=096/18, mb4.3/10, South of Tonga Islands

Table of station data for IDC, NEIC, and ISC events, listing station names and observation parameters.

WRO Warramunga Arr 47.08 265 P 15 19 59.8 -1.2

Table of station data for WRO, listing station names and observation details.

IDC 09:15:47:34.6.0.6, 48.17S, 9.93W, h0km, mb4.2/13, mb1 4.4/13, mb1mx4.3/23, mbtmp4.2/13, MS4.2/14, Ms1 4.2/14, ms1mx4.1/16, Error ellipse: s-maj=18.1km s-min=17.2km az=81.0

GCMT 09:15:27:35.9.0.2, 48.62S, 0.03E, 9.64W, 0.02, h15km, MV5.0/115, Moment Tensor Solution, s32, c37, s115, c158; Duration: 0 Moment tensor: Scale 10^16Nm; Mn-3.61±.19; Mw0.17±.13; Mw3.34±.14; Mw-1.63±.36; Mw-0.47±.08; Mw-1.69±.26; Best double couple: Mw4.21100x10^16 NP; p155.000000; s37.000000; x-124.000000; NP2p: 14.000000; 360.000000; x-1.67.000000; Principal axes: T 3.8270, P1g12.000000, Azm88.000000; N 0.7700, Plg19.000000; Azm183.000000; P -4.5950, P1g67.000000, Azm328.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 09:15:27:36.9.1.1, 48.3S, 0.1E, 9.9W, 0.2, h14km, 3km, mb4.9/36 Error ellipse: s-maj=17.0km s-min=15.2km az=175.0

ISC 09:15:27:35.8.0.4, 48.18S, 0.09E, 9.93W, 0.08, h10km, n107, az=094/90, mb4.7/23, MS4.2/17, LD, Southern Mid-Atlantic Ridge

Main table of station data for WRO, IDC, NEIC, and ISC events, listing station names and observation parameters.

9rd 17h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Urewera, WAKE ISLAND, WARRAMUNGA ARR, etc.

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

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GTA, M19K, L19K, SHL, etc.

9d 18h

Table with columns: SUMG, Summit, 129.28, 15, PKIKP, PKPdf, 18 15 03.3 -0.2, etc. Lists various stations and their coordinates and status.

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Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res, etc. Lists station codes, names, and technical details.

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Table with columns: ADK, Adak, 4.88 269, P, Pn, 18 21 58.7 +0.4, etc. Lists stations and their coordinates and status.

9d 19h

TKL	baz=145,SNR=5.8	26.93 339	P	P	19 41 48.4 +0.1
CLDB	Tuckaleechee C	26.97 142	eP	P	19 41 47.8 -1.1
LPAZ	comp=Z,1.7nm,0.7s,ba=148,slow=1.1,SNR=2.1	27.18 171	P	P	19 41 51.2 -0.1
LPAZ	comp=Z,6.3nm,0.5s,ba=339,slow=6.0,SNR=23	27.18 171	P	LR	19 54 04.6
LPAZ	comp=Z,9.7nm,18.9s,ba=352,slow=39	27.18 171	P	P	19 41 51.2 -0.1
LPAZ	La Paz	27.18 171	eP	P	19 41 50.9 -0.4
PRPB	Parauapebas	27.91 126	eP	P	19 41 56.6 -0.7
SIV	San Ignacio	28.77 157	P	P	19 42 04.0 -0.9
SIV	comp=Z,2.3nm,0.6s,ba=3.8,slow=9.3,SNR=77	28.77 157	P	LR	19 53 40.3
WVT	Waverly	28.96 333	P	P	19 42 07.4 +1.1
PTLB	Pontes e Lacer	29.07 153	eP	P	19 42 06.9 -0.6
OS6A	Blue Knob Stat	29.93 350	P	P	19 42 16.5 +1.6
P52A	Corning	30.08 345	P	P	19 42 17.4 +1.2
SSPA	Standing Stone	30.18 351	P	P	19 42 18.6 +1.6
N59A	State Game Lan	30.20 355	P	Iamb	19 42 16.4 -0.9
N59A	comp=Z,1.6nm,0.9s	30.20 355	P	P	19 42 18.9 +1.7
OS3A	New Philadelph	30.44 346	P	P	19 42 20.8 +1.5
SNDB	Serra Nova Dou	30.68 337	eP	P	19 42 20.9 -0.8
KSPA	Keystone Colle	30.84 355	P	Iamb	19 42 24.9, +0.4
N54A	comp=Z,1.2nm,0.7s	30.86 348	P	P	19 42 24.9 +1.8
ACS0	Alum Creek Sta	30.87 344	P	P	19 42 24.8 +1.7
S44A	Carbondale	30.89 333	P	Iamb	19 42 21.9 -1.4
S44A	comp=Z,1.1nm,0.8s	30.89 333	P	Iamb	19 42 25.3
ROSB	Rosrio	31.05 114	eP	P	19 42 24.2 -0.9
SALV	Santo Antonio	31.12 148	eP	P	19 42 25.2 -0.4
W39A	Magazine	31.27 324	P	P	19 42 28.1 +1.4
M54A	Old Creek Stat	31.32 349	P	P	19 42 28.6 +1.5
BINY	Binghamton	31.49 355	P	P	19 42 30.0 +1.4
U40A	Yellville	31.60 327	P	P	19 42 31.0 +1.3
CCM	Cathedral Cave	32.10 331	P	P	19 42 30.9 -3.1
CCM	Cathedral Cave	32.10 331	P	P	19 42 34.9 +0.9
SFIN	Lafayette	32.32 338	P	P	19 42 36.9 +1.1
J60A	Lant Hill Farm	32.38 358	P	P	19 42 38.3 +2.0
J61A	Chester	32.46 360	P	P	19 42 38.5 +1.5
J58A	Remsen	32.59 356	P	P	19 42 39.5 +1.3
I58A	Old Forge	32.90 356	P	P	19 42 42.1 +1.2
I64A	Boothbay	33.11 3 3	P	P	19 42 44.0 +1.4
I63A	Otisfield	33.20 2 2	P	P	19 42 44.7 +1.2
LBNH	Lisbon	33.36 0 0	P	P	19 42 46.4 +1.5
H58A	Gabriels	33.58 357	P	P	19 42 47.9 +1.2
H61A	Lyndonville	33.65 0 0	P	P	19 42 48.8 +1.4
H60A	Morristown	33.68 359	P	P	19 42 49.0 +1.4
H57A	Richville	33.69 356	P	P	19 42 48.7 +1.0
G62A	West of Eustis	34.36 2 2	P	P	19 42 55.0 +1.4
G64A	Maxfield	34.49 4 4	P	P	19 42 55.6 +1.0
TXAR	Lajitas Array	34.70 307	P	P	19 42 58.5 +1.8
TXAR	comp=Z,0.4nm,0.7s,ba=129,slow=8.3,SNR=3.8	34.70 307	P	P	19 43 23.0 -0.5
TXAR	comp=Z,0.4nm,0.7s,ba=121,slow=8.7,SNR=2.8	34.70 307	P	P	19 46 02.8
TXAR	comp=Z,0.9nm,0.7s,ba=138,slow=5.5,SNR=6.8	34.70 307	P	ScP	19 49 02.5 0.0
TXAR	comp=Z,0.4nm,0.8s,ba=120,slow=5.4,SNR=3.2	34.70 307	P	P	19 42 57.8 -1.6
AQDB	Aquidauana	35.02 152	eP	Iamb	19 43 01.1
AQDB	comp=Z,1.2nm,0.5s	35.02 152	eP	P	19 43 00.1 +0.6
F64A	Sherman	35.13 5 5	P	P	19 43 28.6 +2.4
L40A	Anamosa	35.36 335	Iamb	Iamb	19 43 02.9
LMN	Caledonia Moun	35.53 9 9	P	Iamb	19 43 04.2 +0.7
LMN	comp=Z,1.1nm,0.8s	35.53 9 9	P	Iamb	19 43 04.9
JFWS	Jewell Farm	35.69 337	P	P	19 43 05.6 +0.6
E64A	Bridgewater	35.73 5 5	P	P	19 43 06.5 +1.3
E62A	Clayton Lake	35.81 3 3	P	P	19 43 06.5 +0.6
I42A	Drager Farm,	36.05 339	P	Iamb	19 43 07.6 -0.3
I42A	comp=Z,1.2nm,0.8s	36.05 339	P	Iamb	19 43 09.3
SCIA	State Center	36.09 333	P	P	19 43 09.0 +0.7
H43A	Windswept, Lux	36.18 341	P	Iamb	19 43 08.9 -0.1
H43A	comp=Z,1.3nm,0.8s	36.18 341	P	Iamb	19 43 10.3
D62A	Allapoint, All	36.30 4 4	P	P	19 43 10.8 +0.8
D62A	comp=Z,9.7nm,0.8s	36.30 4 4	P	P	19 43 11.7
D62A	Allapoint, All	36.30 4 4	P	P	19 43 11.3 +1.3
AC02	Mariucunga	37.49 176	P	P	19 43 19.9 -1.0
AC02	comp=Z,1.3nm,0.7s	37.49 176	P	Iamb	19 43 22.0
L34A	Svendsen Farm	37.62 330	P	P	19 43 21.5 +0.2
E43A	Lone Tree Farm	37.66 343	Iamb	Iamb	19 43 22.4
NBMA	Muriti-CE	37.83 117	eP	P	19 43 22.3 -1.2
NBPN	Ponto Novo - B	38.37 123	eP	P	19 43 27.0 -1.0
TRCB	Terra Rica	38.46 150	eP	P	19 43 27.5 -1.2
SPMN	Marine on St.	38.63 337	P	P	19 43 30.1 +0.4
F36A	Milaca	39.44 336	P	P	19 43 33.9 -2.6
CPUP	Vila Florida	39.60 159	P	P	19 43 36.1 -1.9
CPUP	comp=Z,2.2nm,0.5s,ba=344,slow=6.0,SNR=8.4	39.60 159	P	ScP	19 49 22.4 +1.8
CPUP	comp=Z,2.1nm,0.7s,ba=27,slow=5.7,SNR=4.3	39.60 159	P	LR	20 00 14.3
CPUP	comp=Z,7.1nm,20.0s,ba=34,slow=34	39.60 159	P	LR	20 00 14.3
CPUP	Villa Florida	39.60 159	eP	P	19 43 36.6 -1.4
SDCO	Great Sand Dun	40.18 318	P	P	19 43 44.9 +1.8
PTGB	Pitanga	40.36 151	eP	P	19 43 43.6 -0.9
PTGB	comp=Z,1.3nm,1.1s	40.36 151	eP	P	19 43 43.2 +1.4
EYMN	Ely	40.46 340	P	Iamb	19 43 44.8 -0.2
EYMN	comp=Z,1.1nm,0.6s	40.46 340	P	Iamb	19 43 45.6
EYMN	Ely	40.46 340	P	P	19 43 45.0 0.0
GDU01	Guandu, BA	40.48 126	eP	P	19 43 44.2 -1.2
S22A	4UR Ranch, Cre	41.06 317	P	P	19 43 53.0 +2.6
NBIT	Itapeh - BA	41.29 128	eP	P	19 43 51.3 -0.8
CMC01	Camacan, BA	41.48 128	eP	P	19 44 23.3 +2.2
B35A	Bob, Littlefor	41.60 338	P	P	19 43 54.4 +0.2
B35A	comp=Z,1.8nm,0.6s	41.60 338	P	Iamb	19 43 55.1
VAO	Valinhos	41.67 144	eP	P	19 43 54.1 -1.1
VAO	comp=Z,1.1nm,0.6s	41.67 144	eP	P	19 44 23.9 +1.2
CO02	Combarbal	41.74 178	P	P	19 43 54.3 -1.4
CO02	comp=Z,3.9nm,1.2s	41.74 178	P	Iamb	19 44 08.6
SPB	Sao Pau, RN	41.86 145	eP	P	19 43 55.8 -0.9
GAU01	Guaratinga, BA	42.00 130	eP	P	19 43 56.9 -1.0

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SJMB	Sao Joao De Ma	42.34 134	eP	P	19 44 00.1 -0.5
AGMN	Agassiz Nation	42.35 337	P	P	19 44 01.2 +0.9
TJ03	Guaruva-PR	42.39 148	eP	P	19 44 00.3 -0.8
UA01	Itaqui	42.91 160	eP	P	19 44 02.7 -2.1
VA03	San Esteban	43.31 178	P	Iamb	19 44 07.2 -1.1
VA03	comp=Z,2.6nm,0.8s	43.31 178	P	Iamb	19 44 10.1
ULM	Lac du Bonnet	43.95 338	P	P	19 44 12.9 -0.2
ULM	comp=Z,1.6nm,0.5s,ba=142,slow=8.7,SNR=21	43.95 338	P	P	19 44 12.2 +0.4
SCHO	Schefferville	44.16 4 4	P	P	19 44 14.8 0.0
SCHO	comp=Z,1.2nm,0.7s,ba=144,slow=7.1,SNR=7.7	44.16 4 4	P	P	19 44 12.8 -2.0
SCHO	Schefferville	44.16 4 4	P	Iamb	19 44 16.1
MT09	Talagante	44.30 179	Iamb	Iamb	19 44 18.0
MT01	Popeta	44.39 179	P	Iamb	19 44 16.1 -0.7
MT01	comp=Z,3.9nm,1.4s	44.39 179	P	Iamb	19 44 41.5
CPBS	Caacapava Du	44.73 157	eP	P	19 44 16.9 -2.6
BO01	Tunca	44.92 179	P	P	19 44 19.9 -1.1
BO01	comp=Z,3.8nm,1.4s	44.92 179	P	Iamb	19 44 23.2
BO02	Sierra Bellavi	45.32 178	P	Iamb	19 44 22.5 -1.8
BO02	comp=Z,2.3nm,0.7s	45.32 178	P	Iamb	19 44 25.1
PDAR	Pinedale Array	45.52 321	P	P	19 44 25.4 -0.6
PDAR	comp=Z,0.7nm,0.4s,ba=121,slow=11.1,SNR=6.6	45.52 321	P	P	19 44 55.1 +1.1
PDAR	comp=Z,1.6nm,0.7s,ba=116,slow=10,SNR=4.2	45.52 321	P	P	19 46 02.9 0.0
PDAR	comp=Z,0.6nm,0.5s,ba=128,slow=5.8,SNR=1.8	45.52 321	P	P	19 46 06.0
PLMT	Red Lodge	45.88 158	eP	P	19 44 26.5 -2.1
RLMT	Red Lodge	46.68 324	P	P	19 44 36.2 +1.1
BOZ	Bozeman (W)	48.33 323	P	P	19 44 49.1 +1.4
EGMT	Gasdon	48.67 327	P	P	19 44 51.2 +0.9
HLID	Hailey	48.98 320	P	P	19 44 54.5 +1.7
LC01	Cunco	49.40 180	P	P	19 44 54.3 -1.5
NVAR	Array Bea	49.47 312	P	P	19 44 58.5 +1.8
NVAR	comp=Z,0.5nm,0.6s,ba=151,slow=6.5,SNR=4.4	49.47 312	P	P	19 46 50.6
NVAR	comp=Z,0.8nm,0.6s,ba=160,slow=5.6,SNR=3.5	49.47 312	P	ScP	19 50 02.2 +0.8
NVAR	comp=Z,0.4nm,0.7s,ba=98,slow=4.6,SNR=3.7	49.47 312	P	P	19 44 56.0 -0.5
TRQA	Torquait	49.49 169	eP	P	19 45 08.9 -0.9
PLCA	Paso Flores	51.26 178	P	P	19 45 08.6 -1.1
PLCA	comp=Z,1.4nm,0.5s,ba=352,slow=8.7,SNR=56.2	51.26 178	P	P	19 45 08.9 -0.9
NEW	Newport	52.93 324	eP	P	19 45 22.9 +0.8
COYC	Coyhaique	56.07 180	P	P	19 45 42.4 -2.2
DY2G	Dye2	58.35 12	P	Iamb	19 46 00.7 0.0
DY2G	comp=Z,1.7nm,0.7s	58.35 12	P	Iamb	19 46 01.1
ANGG	Ammassalik, Gr	59.68 16	P	Iamb	19 46 09.3 -0.3
ANGG	comp=Z,2.1nm,0.7s	59.68 16	P	Iamb	19 46 10.0
ANGG	Ammassalik, Gr	59.68 16	P	P	19 46 08.9 -0.7
YKA	Yellowknife Ar	59.92 339	P	P	19 46 10.9 -0.4
YKA	comp=Z,2.7nm,0.6s,ba=128,slow=7.9,SNR=9.3	59.92 339	P	P	19 46 39.3 -1.2
ICESG	Greenland Ices	61.93 13	P	Iamb	19 46 24.7 -0.5
ICESG	comp=Z,3.1nm,1.0s	61.93 13	P	Iamb	19 46 25.5
MORF	Marmetele	62.54 54	eP	P	19 46 30.4 +1.1
MORF	comp=Z,1.3nm,0.7s	62.54 54	eP	P	19 46 29.4 -0.1
PSBE	So Bento	62.74 51	eP	P	19 46 31.6 +0.8
PNCL	Nicoulu / Gran	62.74 53	eP	P	19 46 31.6 +0.8
MESJ	Messejana	62.95 53	eP	P	19 46 32.2 0.0
MESJ	comp=Z,2.4nm,0.9s	62.95 53	eP	Iamb	19 46 33.7
PCAS	Casmilo, Onde	63.05 51	eP	P	19 46 33.4 +0.6
PCAS	comp=Z,3.4nm,1.9s	63.05 51	eP	P	19 46 34.1 +1.2
PCVE	Castro Verde	63.07 53	eP	P	19 46 34.5 +1.3
PBVD	Barranco-do-Ve	63.10 54	eP	P	19 46 34.7 +0.5
PMTG	Montargil	63.11 52	eP	P	19 46 34.5 +0.7
EVO	Evora	63.20 52	eP	P	19 46 35.1 +0.9
PBEJ	Beja	63.25 53	eP	P	19 46 35.1 +0.9
PVAQ	Vaqueiros	63.29 54	eP	P	19 46 35.6 +1.2
PVAQ	comp=Z,4				

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like ABTA, CLL, CLLL, CLLM, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, and other parameters. Includes stations like H08S1, H08S2, BOS, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like TORD, ABKAR, AKTO, etc.

NOU 09 19:55:48.4, 0.97S:173:38E, h131km, ML3.9/7, Cook Strait, New Zealand

Table with columns: Code, Station Name, Azimuth, Phase, Time, and other parameters. Includes stations like TUWZ, DUWZ, etc.

9d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLWZ Palliser, PARUWAI Farm, DENNISTON North, etc.

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULM, NEW Newport, NVAH Mina Array Bea, etc.

IDC 09 20:07:05.0.1.8.0.88N.126.15E, h0km, mb3.5/4, mb1 3.7/1, mb1mx3.4/43, mbtmp3.5/4, M53.8/1, Ms1 3.8/1, s-m1mx2.5/30, Error ellipse: s-maj=185.5km s-min=22.4km az=66.0, Northern Molouca Sea

NNC 09 20:10:54.2.6.43.99N.87.21E, h0km, mb3.4, mpv2.9, 5C-4D, Error ellipse: s-maj=19.1km s-min=12.9km az=122.0, Northern Xinjiang

SOME 09 20:12:45.3.44.20N.82.20E, h0km, Northern Xinjiang

TAP 09 20:24:24.7.24.82N.122.58E, h33km, 1km, ML2.7, D JMA 09 20:24:25.1.0.1.24.73N.122.54E, h32km, 2km, M2.1

Table with columns: FNA, Florida, 2.68 350, P, Pn, 21 40 03.9 +2.1, STON, Ston, 5.74 327, ePn, Pn, 21 40 42.5 -1.1, comp=Z,50nm,0.3s, 10.26 335, ePn, Pn, 21 41 44.0 -1.7

Table with columns: STON, Ston, 5.74 327, ePn, Pn, 21 40 42.5 -1.1, ARSA, Arzberg, 10.26 335, ePn, Pn, 21 41 44.0 -1.7, ZCCA, Zocca, 10.34 310, P, Pn, 21 41 48.0 +1.2

Table with columns: ARSA, Arzberg, 10.26 335, ePn, Pn, 21 41 44.0 -1.7, ZCCA, Zocca, 10.34 310, P, Pn, 21 41 48.0 +1.2, KEST, comp=Z,0.6nm,0.3s,baz=72,slow=23,SNR=8.1, 21 43 38.0 -4.6

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MAKZ, MKAR, NRIK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like S39A, EGM, PTGA, etc.

IDC 09 21:48:02.2-5.1, 13:07Sx15:03W, h0km, mb4.0/4, m1 4.0/4, mb1mx3.5/39, mbtmp4.0/4 Error ellipse: s-maj=144.5km s-min=42.0km az=67.0, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like H10N1, H10N3, etc.

ROM 09 21:58:45.6:0.3, 39:07N:0:02:15:24E:0:03, h278km, 2km, ML3, 3/27, Error ellipse: s-maj=2.5km s-min=1.4km az=116.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CET2, CAR1, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MILZ, MGR, etc.

GVDD	comp=N,5547um,0.6s	AML	AML	22 32 05.8
GVDS	comp=N,4555um,0.5s			
PRNS	Gavdos 1.43 114 P	Pn	Pn	22 31 23.3 +0.7
ITM	Prines Rethymn 1.64 92 P	P	P	22 31 23.0 +0.9
ITM	Ithomi 1.80 345 P	P	Pn	22 31 29.5 +1.8
ITM	Ithomi 1.80 345 P	P	Pn	22 31 29.8 +2.1
ITM	comp=N,2203um,0.6s	AML	AML	22 32 11.8
ITM	comp=E,2353um,0.6s	AML	AML	22 32 13.9
ITM	Ithomi 1.80 345 P	Pn	Pn	22 31 29.1 +1.4
VLX	Vlachokerasia 1.94 357 P	P	P	22 31 31.9 +2.3
VLX	Vlachokerasia 1.94 357 P	P	Pn	22 31 31.7 +2.1
VLX	comp=N,4549um,0.8s	AML	AML	22 32 19.5
VLX	comp=E,4392um,0.9s	AML	AML	22 32 23.9
IDI	Anoyia 1.96 93 Pn	Pn	Pn	22 31 31.8 +1.9
IDI	comp=E,80nm,0.3s,baz=265,slow=12,SNR=746	Sn	Sn	22 31 52.3 -1.0
IDI	Anoyia 1.96 93 P	Pn	Pn	22 31 31.6 +1.7
IDI	Anoyia 1.96 93 P	Pn	Pn	22 31 31.5 +1.6
IDI	comp=N,1869um,0.6s	AML	AML	22 32 17.1
IDI	comp=E,1748um,0.7s	AML	AML	22 32 18.7
MHLO	Agia Marina, M 1.99 50 P	P	Pn	22 31 30.9 +0.7
MHLO	Agia Marina, M 1.99 50 P	P	Pn	22 31 30.7 +0.5
MHLO	comp=N,14054um,0.7s	AML	AML	22 32 09.4
MHLO	comp=E,11017um,0.7s	AML	AML	22 32 10.2
KRND	KRANIDI 2.02 15 P	Pn	Pn	22 31 32.2 +1.6
KRND	KRANIDI 2.02 15 P	Pn	Pn	22 31 32.5 +1.9
HRKL	Herakleio 2.13 92 P	Pn	Pn	22 31 33.5 +1.3
AMT	Artemida-Makis 2.19 343 P	Pn	Pn	22 31 35.3 +2.3
AMT	Artemida-Makis 2.19 343 P	Pn	Pn	22 31 35.2 +2.2
SNTS	Nea Kammeni, S 2.55 67 P	Pn	Pn	22 31 35.2 +0.7
SNTS	Nea Kammeni, S 2.55 67 P	Pn	Pn	22 31 35.5 +1.5
NPS	Neapolis 2.55 93 P	Pn	Pn	22 31 39.5 +1.5
NPS	Neapolis 2.55 93 P	Pn	Pn	22 31 39.5 +1.5
CMBO	Colombo, Santo 2.58 65 P	Pn	Pn	22 31 39.0 +0.7
LOUT	Loutraki 2.58 8 P	P	Pn	22 31 40.3 +2.5
LOUT	Loutraki 2.58 8 P	Pn	Pn	22 31 40.9 +2.5
SANT	Santorini 2.58 68 P	Pn	Pn	22 31 40.1 +1.7
SANT	Santorini 2.58 68 P	Pn	Pn	22 31 39.0 +0.6
SANT	Santorini 2.58 68 P	Pn	Pn	22 31 38.7 +0.3
SANT	Santorini 2.58 68 P	Pn	Pn	22 31 39.0 +0.6
SANT	comp=N,1432um,1.1s	AML	AML	22 32 31.7
SANT	comp=E,1849um,0.6s	AML	AML	22 32 31.7
THAL	Thalero 2.60 3 Pn	Pn	Pn	22 31 37.4 -1.0
THAL	Thalero 2.60 3 P	P	Pn	22 31 40.8 +2.2
THAL	Thalero 2.60 3 P	P	Pn	22 31 40.3 +1.6
THAL	comp=N,3858um,1.0s	AML	AML	22 32 40.3
THAL	comp=E,4447um,1.1s	AML	AML	22 32 55.7
LTK	Loutraki 2.61 8 P	Pn	Pn	22 31 40.7 +1.9
VLY	Voula, Athens 2.63 23 P	Pn	Pn	22 31 39.9 +0.9
VLY	Voula, Athens 2.63 23 P	Pn	Pn	22 31 40.3 +1.2
ATH	Athens Observa 2.72 21 P	Pn	Pn	22 31 41.6 +1.4
ATH	Athens Observa 2.72 21 P	Pn	Pn	22 31 41.1 +1.4
ATH	comp=N,1119um,0.6s	AML	AML	22 32 29.9
ATH	comp=E,1092um,0.8s	AML	AML	22 32 41.3
ATHU	Athens Union 2.73 22 P	Pn	Pn	22 31 40.9 +0.5
ATHU	Athens Union 2.73 22 P	Pn	Pn	22 31 41.6 +1.2
ATHU	comp=N,543um,0.8s	AML	AML	22 32 35.8
ATHU	comp=N,543um,0.8s	AML	AML	22 32 35.9
RLS	Riolos of Patr 2.75 343 P	Pn	Pn	22 31 43.3 +2.9
RLS	Riolos of Patr 2.75 343 P	Pn	Pn	22 31 43.3 +2.7
VILL	Villia 2.81 13 P	Pn	Pn	22 31 42.2 +0.7
LAKA	Lakka 2.83 352 P	Pn	Pn	22 31 44.6 +2.5
LAKA	Lakka 2.83 352 P	Pn	Pn	22 31 44.3 +2.5
LAKA	comp=N,4831um,0.8s	AML	AML	22 32 54.3
LAKA	comp=E,4447um,1.1s	AML	AML	22 32 57.9
VIL2	Platees 2.84 12 P	Pn	Pn	22 31 42.4 +0.5
VIL2	comp=N,1110um,0.6s	AML	AML	22 32 41.3
VIL2	comp=E,1515um,0.9s	AML	AML	22 32 42.8
DION	Dionisos Attik 2.88 23 P	Pn	Pn	22 31 43.4 +0.9
DION	Dionisos Attik 2.88 23 P	Pn	Pn	22 31 44.0 +1.5
DION	comp=E,1685um,0.7s	AML	AML	22 32 34.1
DION	comp=N,2035um,0.5s	AML	AML	22 32 34.7
APE	Apeiranthos 2.95 55 P	Pn	Pn	22 31 44.2 +0.8
APE	Apeiranthos 2.95 55 P	Pn	Pn	22 31 43.7 +0.3
APE	Apeiranthos 2.95 55 P	Pn	Pn	22 31 45.4 +2.0
TRUZ	Trizonia 2.95 354 P	Pn	Pn	22 31 45.4 +2.2
TRIZ	Trizonia 2.95 354 P	Pn	Pn	22 31 45.6 +2.2
SERG	Sergoula 3.00 353 P	Pn	Pn	22 31 45.9 +1.8
SERG	Sergoula 3.00 353 P	Pn	Pn	22 31 45.8 +1.8
EPF	Epialto 3.03 351 P	Pn	Pn	22 31 47.3 +2.9
EPF	Epialto 3.03 351 P	Pn	Pn	22 31 47.3 +2.9
KARY	Karystos 3.03 30 P	Pn	Pn	22 31 45.1 +0.9
KARY	Karystos 3.03 30 P	Pn	Pn	22 31 45.3 +0.8
ZKR	Zakros 3.06 95 P	Pn	Pn	22 31 46.6 +1.7
PSDA	Pessada-Kefalos 3.09 331 P	Pn	Pn	22 31 46.5 +1.3
VLS	Valsamata 3.14 331 P	Pn	Pn	22 31 47.1 +1.1
EREA	Ertria 3.20 21 P	Pn	Pn	22 31 45.4 +0.9
EREA	Ertria 3.20 21 P	Pn	Pn	22 31 47.9 +1.1
LKR	Lokris 3.24 7 P	Pn	Pn	22 31 49.1 +1.7
LKR	Lokris 3.24 7 P	Pn	Pn	22 31 49.0 +1.7
KEF3	Kipouria, Keph 3.26 329 P	Pn	Pn	22 31 48.6 +1.0
KEF5	Kardakata, Kep 3.27 331 P	Pn	Pn	22 31 49.0 +1.2
PVO	Paravola 3.27 347 P	Pn	Pn	22 31 51.5 +3.7
PVO	Paravola 3.27 347 P	Pn	Pn	22 31 51.4 +3.6
KEF4	Livadi, Kephall 3.27 330 P	Pn	Pn	22 31 49.0 +1.2
FSK	Fiskardo 3.40 333 P	Pn	Pn	22 31 50.9 +1.4
FSK	comp=N,292nm,0.5s	AML	AML	22 32 30.6 +2.1
FSK	comp=E,699um,0.7s	AML	AML	22 32 30.9
FSK	comp=N,477um,0.4s	AML	AML	22 32 34.7
KYMI	Kymi, Euboea I 3.44 21 P	Pn	Pn	22 31 51.1 +0.9
KYMI	Kymi, Euboea I 3.44 21 P	Pn	Pn	22 31 51.3 +1.1
EVGI	Lefkada island 3.51 336 P	Pn	Pn	22 31 52.5 +1.5
EVRI	Ervrytania 3.52 351 P	Pn	Pn	22 31 54.3 +3.0
NYDR	Nydri-Lefkada 3.58 337 P	Pn	Pn	22 31 53.6 +1.6
AGG	Agios Georgios 3.59 358 S	Pn	Pn	22 31 53.9 +1.7
AGG	comp=N,295nm,0.5s	AML	AML	22 32 36.6 +3.3
AGG	Agios Georgios 3.59 358 Pn	Pn	Pn	22 31 52.9 +0.7
MAKR	Makrakomi, Fth 3.59 355 P	Pn	Pn	22 31 55.4 +3.2
MAKR	Makrakomi, Fth 3.59 355 P	Pn	Pn	22 31 55.3 +3.2
DRAG	Dragano-Lefkad 3.59 335 S	Pn	Pn	22 31 53.3 +2.6
DRAG	comp=N,790nm,0.3s	AML	AML	22 32 36.0 +2.6
LKD2	Lefkada island 3.66 337 P	Pn	Pn	22 31 55.2 +2.0
TSLK	Tsoukalades, L 3.69 337 P	Pn	Pn	22 31 55.6 +2.0
KARP	Karpathos 3.81 87 Pn	Pn	Pn	22 31 54.9 +0.3
XOR	Xorichti 3.97 8 P	Pn	Pn	22 31 58.9 +1.5
CHOS	Chios island 4.10 43 P	Pn	Pn	22 32 00.1 +0.8
THL	Kllokotos Trika 4.14 355 P	Pn	Pn	22 32 01.7 +0.7
BODT	Bodrum 4.22 66 P	Pn	Pn	22 32 01.7 +0.9
DAT	Datca 4.32 71 P	Pn	Pn	22 32 03.1 +0.9
URLA	Izmir 4.40 47 P	Pn	Pn	22 32 04.0 +0.7
JAN	Janina 4.42 343 P	Pn	Pn	22 32 05.3 +1.8
JAN	comp=N,738nm,0.4s	AML	AML	22 32 55.8 +2.1
GCAM	Gz'elcomiti? 4.43 58 P	Pn	Pn	22 32 05.4 +1.6
IGT	Igoumenitsa 4.44 338 P	Pn	Pn	22 32 04.4 +0.5
IGT	Salum 4.44 349 P	Pn	Pn	22 32 51.9 -2.4
IGT	Igoumenitsa 4.44 338 P	Pn	Pn	22 32 04.3 +0.4
SLUM	Salum 4.54 149 P	Pn	Pn	22 32 05.8 +0.6
SLUM	baz=157	S	S	22 32 53.5 -3.2
KPRO	Kipourio 4.60 349 P	Pn	Pn	22 32 08.6 +2.4
KPRO	comp=N,368nm,0.5s	AML	AML	22 33 01.1 +2.7

SIGR	SIGRI 4.63 34 P	Pn	Pn	22 32 06.9 +0.5
MLSB	Milas 4.65 65 P	Pn	Pn	22 32 08.5 +1.7
KEK	Kerkira 4.76 334 P	Pn	Pn	22 32 08.9 +0.4
TURN	Turunc 4.84 72 P	Pn	Pn	22 32 10.9 +1.5
KZN	Kozani 4.90 354 P	Pn	Pn	22 32 11.6 +1.4
KZN	comp=N,415nm,0.5s	S	Sn	22 33 07.6 +1.9
LIA	Limnos Island 4.94 25 P	Pn	Pn	22 32 12.3 +1.6
LSK	Leskovik 4.94 343 P	Pn	Pn	22 32 12.3 +1.5
LSK	comp=N,380nm,0.6s	S	Sn	22 33 10.7 +3.9
KTI	Kastanea 4.96 357 P	Pn	Pn	22 32 12.7 +1.6
YER	Yerkesik 4.97 68 P	Pn	Pn	22 32 13.3 +2.1
PLG	Polygyros 4.99 8 P	Pn	Pn	22 32 12.4 +1.0
AYDB	Zeytinokoy-Aydi 5.01 58 P	Pn	Pn	22 32 12.9 +1.1
OUR	Oranopolis 5.03 19 P	Pn	Pn	22 32 13.3 +1.3
DKS	Dikali 5.06 48 P	Pn	Pn	22 32 14.9 +1.6
NEST	Nestorio 5.11 347 P	Pn	Pn	22 32 15.4 +2.3
DALY	Dalyan (Mula) 5.17 73 P	Pn	Pn	22 32 15.8 +1.9
BOLZ	Bzoacaada 5.23 32 P	Pn	Pn	22 32 15.6 +0.9
EZN	Ezine 5.34 34 P	Pn	Pn	22 32 16.9 +0.8
KBN	Korca 5.36 346 P	Pn	Pn	22 32 18.2 +1.7
KBN	comp=N,178nm,0.6s	S	Sn	22 33 19.6 +2.7
KBN	Korca 5.36 346 P	Pn	Pn	22 32 16.7 +0.3
FNA	Florina 5.42 351 P	Pn	Pn	22 32 18.2 +0.9
FNA	Florina 5.42 351 P	Pn	Pn	22 32 18.2 +0.9
FNA	Florina 5.42 351 P	Pn	Pn	22 32 17.6 +0.4
SOH	Sokhos 5.42 7 P	Pn	Pn	22 32 18.9 +1.9
GADA	Gvigeada 5.46 29 P	Pn	Pn	22 32 19.6 +1.8
SCTE	Santa Cesarea 5.52 327 P	Pn	Pn	22 32 19.8 -0.3
GRS	Griati 5.74 8 P	Pn	Pn	22 32 24.9 +2.3
KULA	Kula-Manisa 5.82 56 P	Pn	Pn	22 32 24.9 +2.1
KAS	Kas 5.83 80 P	Pn	Pn	22 32 21.9 -1.2
GELI	Yalvand-Gelibol 5.87 31 P	Pn	Pn	22 32 25.1 +1.6
VAY	Talando 5.88 1 P	Pn	Pn	22 32 25.1 +1.5
VAY	Vay 5.88 1 P	Pn	Pn	22 33 28.5 -0.3
TIP	Talpi grande 5.91 311 P	Pn	Pn	22 32 24.6 -0.5
BALB	Balkesir 6.00 300 P	Pn	Pn	22 32 25.2 -0.1
CEL	Celeste 6.00 300 P	Pn	Pn	22 32 25.5 -0.5
ALN	Alexandroupoli 6.13 26 Pn	Pn	Pn	22 32 25.9 -1.5
ELL	Elmali 6.14 75 Pn	Pn	Pn	22 32 24.0 -0.5
TIR	Tirane 6.26 342 P	Pn	Pn	22 33 35.4 -3.5
TIR	Tirane 6.26 342 P	Pn	Pn	22 32 28.6 -0.2
SKO	Skopje 6.58 353 P	Pn	Pn	22 32 33.5 +0.3
SWA2	6.66 157 P	Pn	Pn	22 32 34.2 -0.1
SWA2	baz=162	AMP	AMP	22 33 00.0
SWA2	baz=162	S	Sn	22 33 44.3 -4.6
RAFF	Rafte Rosso 6.80 288 Pn	Pn	Pn	22 32 36.4 +0.1
VAE	Valguarna 6.83 290 Pn	Pn	Pn	22 32 37.8 +1.1
VAE	comp=N,1.7nm,0.3s,baz=153,slow=4.9,SNR=7.0	Sn	Sn	22 33 50.6 -2.4
VAE	comp=N,4.3nm,0.3s,baz=113,slow=8.6,SNR=4.5	Sn	Sn	22 32 36.2 -1.2
ISPA	Ispra 6.88 87 Pn	Pn	Pn	22 32 37.3 -0.4
PUK	Puka 6.91 344 Pn	Pn	Pn	22 32 37.5 -0.5
MATE	Matera 6.93 320 P	Pn	Pn	22 32 38.0 -1.0
ULC	Ulcinj 7.00 340 P	Pn	Pn	22 33 50.9 -6.3
BOSS	Bosilegrad 7.05 360 Pn	Pn	Pn	22 32 43.0

2015 AUG

9d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tornio, Moide, Dombas, Aaknes, Sodankyl, ARCESS Array S, NORARS Array S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Nikolski High, Okmok Steeple, Okmok Mt. Tuli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Palmer Station, Palmer Station, Villa Florida, San Ignacio, etc.

IDC 09 23:57:09.8:0.9,3:55N-127.13E,h0km,mb3.7/9, mb1 3.8/9,mb1mx3.6/56,mbtmp3.7/9,MS2.4/1,Ms1 2.6/1,ms1mx1.9/33,Error ellipse: s-maj=61.8km s-min=18.3km baz=72.0

IDC 09 23:00:25.2:1.0,36:25S-97:21W,h0km,mb4.1/9, mb1 4.3/9,mb1mx4.1/31,mbtmp4.1/9,MS3.7/12, Ms1 3.7/12,ms1mx3.5/20,Error ellipse: s-maj=27.3km s-min=23.3km az=37.0

IDC 09 23:12:29.8:1.0,67:39N:144:73W,h0km,mb3.7/3, mb1 3.8/7,mb1mx3.5/52,mbtmp3.6/7,ML3.7/4,MS3.0/2, Ms1 3.0/2,ms1mx2.4/45,Error ellipse: s-maj=16.8km s-min=11.5km az=128.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ETL, WRL, WRL, NACB, etc.

DJA 09 23:44:21.5:0.3, 2°S, 3°12'00"E, h10km, M3.9/9, MLV3.9/9
ISC 09 23:44:23.6:1.2, 2.14S, 0.06:120.30E, 0.08, h33km, n11,
c170/13, Sulawesi

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TTSI, TTSI, APSI, etc.

NOU 10 00:06:06.0, 35.75S, 177.96E, h370km, ML1.1/5, Off E.
Coast of India, NZ
WEL 10 00:06:35.9:0.6, 37°S, 3°17'7"E, h188km, 5km, M3.0/42,
ML3.0/6, MLV3.0/42, Error ellipse: s-maj=0.0km
s-min=0.0km az=95.3, North Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HAZ, HAZ, URZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WMGZ, WMGZ, WIAZ, etc.

IDC 10 00:36:17.3:5.0, 36°40'N, 142°05'E, h0km, mb3.6/3,
mb1 3.8/5, mb1mx3.4/44, mbtmp3.6/5, ML2.9/2, MS2.7/5,
Ms1 2.7/5, ms1mx2.5/27, Error ellipse: s-maj=87.4km
s-min=40.6km az=96.0

JMA 10 00:36:24.2:0.2, 36°34'N, 141°46'E, h57km, 3km, M2.9
ISC 10 00:36:21.9:1.4, 36.30N, 141.7E, 0.1, h26km, n26,
c094/20, mb3.4/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JHYU, Hitachinakayam, CHOU, etc.

NEIC 10 00:45:32.9:2.3, 13°66'S, 0°08'167"E, 0.2, h101km, 9km,
mb4.2/16, Error ellipse: s-maj=21.7km s-min=11.8km
az=84.0

IDC 10 00:45:36.6:8.6, 13°96'S, 167°02'E, h146km, 89km, mb3.7/5,
mb1 3.9/6, mb1mx3.5/29, mbtmp4.0/6, MS3.4/4, Ms1 3.4/4,
ms1mx2.9/22, Error ellipse: s-maj=73.1km s-min=28.4km
az=161.0

ISC 10 00:45:32.4:0.7, 13°65'S, 0°07'167"E, 0.1, h100km, n34,
c1935/33, mb4.1/13, Vanuatu and

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SANVU, Saraoutou, SANVU, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WBO, Warramunga Arr, WBO, etc.

IDC 10 01:09:13.8:9.2, 13°88'S, 166°78'E, h158km, 94km, mb3.6/3,
mb1 3.8/4, mb1mx3.3/26, mbtmp4.0/4, MS3.6/2, Ms1 3.6/2,
ms1mx2.8/27, Error ellipse: s-maj=79.9km
s-min=30.2km az=161.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HNR, Honiara, DZM, etc.

JMA 10 01:15:07.7:0.3, 31°10'N, 138°81'E, h0km, M3.9
NIED 10 01:15:07.7, 31°11'N, 138°81'E, h0km, MW3.9, Moment
Tensor Solution, s3 Moment tensor, Scale 10^14Nm

ISC 10 01:15:13.2:1.4, 30°88'N, 0°09'138.7E, 0.1, h35km, n24,
c237/13, mb3.5/4, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TK01, Tokai, T01, etc.

NEIC 10 01:29:06.9:2.8, 1°84'N, 0°08'126°27'E, 0.08, h37km, 6km,
mb4.6/47, Error ellipse: s-maj=12.6km s-min=10.7km
az=223.0

DJA 10 01:29:07.0:1.4, 2°N, 3°12'6"E, h29km, 13km, M4.6/8,
mb4.6/5, mb5.4/1, MLV4.5/8, Mw(M4.8)/1
IDC 10 01:29:08.4:2.0, 1°81'N, 126°27'E, h60km, 18km, mb4.1/21,
mb1 4.1/23, mb1mx4.0/40, mbtmp4.4/23, MS3.3/2,
Ms1 3.3/2, ms1mx3.1/33, Error ellipse: s-maj=20.4km
s-min=8.4km az=80.0

ISC 10 01:29:07.9:0.9, 1°82'N, 0°04'126°34'E, 0.04, h50km, 8km,
n14, c1938/32, mb4.6/48, MS3.5/11, 11C-9D, Fault plane
solution: NP1=341.58563, 330.88136, 186.10100
NP2=226.12514, 859.19788, 192.32816, Principal
axes: T P1g75.6855, Azm142.7968, N P1g1.9996,
Azm44.9325, P P1g14.1682, Azm314.4275, Northern

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like GAMI, GAMI, TANI, etc.

NEIC 10 01:55:53.8,2.4,17.75S:0.1:178.5W:0.1, h512km,6km, mb4.1/67, Error ellipse: s-maj=20.9km s-min=12.7km az=143.0

IDC 10 01:55:54.8,1.1,17.71S:178.57W, h535km,10km, mb3.4/10, mb1 3.7/11, mb1mx3.4/31, mbtmp4.3/11, Error ellipse: s-maj=25.6km s-min=14.0km az=141.0

ISC 10 01:55:52.3,0.5,17.515S:0.0:178.38W,0.0/8, h500km, n115, r1556/113, mb4.1/45, Fiji Islands region

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

Table with columns: LOGN, Iamb, Iamb, 02 07 33.2. Lists station names like CTMG, CHITINA, HAILEY, WOOD RIVER HILL, etc.

IDC 10 02:31:46.1±1.5,2.76S:101.52E, h0km, mb3.9/8, mb1 3.9/8, mb1mx3.7/47, mbtmp3.9/8, Error ellipse: s-maj=60.6km s-min=21.8km az=55.0

DJA 10 02:04:04.6,0.4,2.5S:107.2E, h156km,4km, M4,2/8, mb4.6/3, mb4.8/2, MLV4.0/8, MW/ML4.6/1, Mwps 0/1

NEIC 10 02:05:06.1,3,2.6S:0.2:102.0E:0.1, h146km,6km, mb4.0/9, Error ellipse: s-maj=26.5km s-min=12.4km az=214.0

ISC 10 02:05:40.6,0.2,4.26S:109.102E:0.1, h150km, n41, r1505/140, mb3.9/13, Southern Sumatra

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

M=5.81; Mw=0.39; Mo=6.20; M=0.51; M=1.53; Mw=4.30; Fault plane solution: M7.54000x1015 NP1: phi=189.00000, delta=83.00000, lambda=86.00000. NP2: phi=17.00000, delta=0.00000, lambda=97.00000.

JMA 10 02:34:44.9,38.87N:141.60E, h75km,1km, M4.4 Broadband fault plane solution: P waves. NP1: phi=31.00000, delta=22.00000, lambda=113.00000. NP2: phi=186.00000, delta=0.00000, lambda=81.00000.

BGR 10 02:34:58.7,0.0,38.39N:141.91E, h33km, mb4.8, ISC 10 02:34:47.0,4,38.87N:141.66E:0.04, h74km,3km, h74km, pp-P, N591, r146/597, mb4.7/156, 23C-13D, Near east coast of eastern Honshu

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like NIL Niore, CHGR Chuyangaron, ARU Arti, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like NEW Newport, NEW Newpport, SUMG Summit, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like YNE Yellowstone No, YPP Pitchstone Pla, YPH Tonopah, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like K22A Casper, KNB Kanab, SRU San Rafael Swe, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like W39A Magazine, JCT Junction City, FCAR Ozark Folk Cen, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like OXZ Oxford, RPZ Rata Peaks, MLZ Mavora Lakes, etc.

NEIC 10 04:12:15.2, 9.32S; 158.02E, h15km, Moment Tensor Solution. Moment tensor: Scale 10¹⁸Nm; Mr:0.0; Mw:1.1; M_{ww}-1.21; M_{ww}1.78; M_{ww}7.02; M_{ww}0.24; Fault plane solution: M7.34000; 10¹⁸ NP1.95.04000; δ87.06000; λ13.81000; NP2.94.32000; δ76.21000; λ176.97000. Principal axes: T 7.3826, P1g2.0000, Azm320.0000; N -0.0944, Plg76.0000, Azm107.0000; P -7.2883, Plg8.0000, Azm229.0000.

NEIC 10 04:12:15.8, 2.1, 9.34S; 0.07; 158.05E; 0.05, h2km; 1km, mb6.3/374, Ms 20.6/814, Mw6.5/65, Mw6.6, Mw6.6/1 (GCMT) Error ellipse: s-maj=11.5km s-min=9.0km az=181.0

GCMT 10 04:12:18.8, 0.0, 9.35S; 158.07E, h12km, Mw6.6/166, Moment Tensor Solution. s164.c450; s166.c769; Duration: 4s9 Moment tensor: Scale 10¹⁹Nm; Mr:0.16±0.00; Mw:0.12±0.00; M_{ww}-0.28±0.00; Mw:0.17±0.01; Mw:0.95±0.00; Mw:0.11±0.01; Best double couple: Mw:0.99400; NP1.95.04000; δ80.0000; λ-177.0000; NP2.94.32000; δ87.0000; λ-10.0000. Principal axes: T 0.9030, Plg5.0000, Azm322.0000; N 0.1800, Plg8.0000, Azm82.0000; P -1.0840, Plg9.0000, Azm231.0000; nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface/mantle waves, cutoff=50s. Triaxial moment-rate function

NEIC 10 04:12:17.9, 9.38S; 157.98E, h22km, Moment Tensor Solution. Moment tensor: Scale 10¹⁹Nm; Mr:0.13; Mw:0.20; Mw:0.33; Mw:0.34; Mw:1.02; Mw:1.01; Fault plane solution: M1.13000; 10¹⁹ NP1.95.04000; δ72.0000; λ-176.0000; NP2.94.32000; δ87.0000; λ-18.0000. Principal axes: T 1.0179, Plg11.0000, Azm324.0000; N 0.1932, Plg72.0000, Azm88.0000; P -1.2111, Plg15.0000, Azm231.0000.

ISC 10 04:12:14.7, 0.3, 9.28S; 0.03; 158.03E; 0.03, h20km; 1km, h21km; PP-P, n2113, s170/2078, mb6.3/395, MS6.8/531, 137C-60D, Bougainville-Solomon Islands region

Code	Station Name	1.90	95	Op	ISC	h	m	s	ISC
HNR	Honiara	1.90	95	Pn		04	12	41.9	-4.1
HNR	10µm, 0.3s, baz=216, slow=4.1, SNR=400				Sn				
HNR	10µm, 0.3s, baz=98, slow=23, SNR=13				LR	04	13	38.9	
HNR	comp=Z, 1.702µm, 18.0s, baz=248, slow=46				LR	04	12	42.2	-3.8
HNR	Honiara	1.90	95	Pn		04	12	42.2	-3.8
HNR	Honiara	1.90	95	Pn		04	12	41.5	-4.5
HNR	Honiara	1.90	95	Pn		04	12	41.5	-4.5
RABL	Rabaul	7.71	311	Pn		04	14	06.2	+0.2
RABL	Rabaul	7.71	311	Pn		04	14	06.5	+0.5
PMG	Port Moresby	10.72	268	Pn		04	14	52.7	+5.4
PMG	2.3nm, 0.3s, baz=69, slow=8.6, SNR=17				LR	04	14	52.7	+5.4
PMG	comp=Z, 2.48µm, 21.7s, baz=86, slow=37				Pn	04	14	52.7	+5.5
PMG	Port Moresby	10.72	268	Pn		04	14	55.5	+8.2
PMG	Port Moresby	10.72	268	Pn		04	14	55.5	+8.2
SANVU	Saraoutou	10.86	125	Pn		04	14	47.3	-1.8
SANVU	Saraoutou	10.86	125	Pn		04	14	47.6	-1.4
SANVU	Saraoutou	10.86	125	Pn		04	14	48.5	-0.5
KOUNC	Koumac, New Ca	12.73	152	Pn		04	15	13.8	-1.0
KOUNC	Koumac, New Ca	12.73	152	Pn		04	15	16.7	+2.1
MANU	Manus Island	12.81	304	Pn		04	15	17.0	+1.7
MANU	Manus Island	12.81	304	Pn		04	15	17.0	+1.2
DVP	Devils Point	12.96	313	Pn		04	15	21.7	+3.9
RTV	Rentapao	13.18	131	P		04	15	24.8	+4.1
LIFNC	LIFOU	14.47	143	Pn		04	15	38.3	-0.2
LIFNC	LIFOU	14.47	143	Pn		04	15	39.4	+0.9
DZM	Mont Dzumac	15.07	149	Pn		04	15	45.4	-1.2
DZM	4.1nm, 0.3s, baz=356, slow=13, SNR=1568				LR	04	20	50.6	
DZM	comp=Z, 3.46µm, 19.1s, baz=322, slow=34				Pn	04	15	46.5	-0.2
DZM	3µm, 1.2s				eLQ	04	18	40.7	
DZM	392µm, 30.6s				eLR	04	19	19.7	
DZM	comp=Z, 989µm, 26.4s				LR	04	15	46.5	-0.2
DZM	Mont Dzumac	15.07	149	Iamb		04	15	49.4	
DZM	comp=Z, 1µm, 1.1s				Pn	04	15	45.8	-0.9
DZM	Mont Dzumac	15.07	149	Pn		04	15	48.2	+1.6
ONTNC	Ouen Toro	15.27	149	Pn		04	15	48.9	-0.3
ONTNC	Ouen Toro	15.27	149	Pn		04	15	50.2	+1.0
YATNC	Mamie plateau	15.29	147	Pn		04	15	51.1	+1.6
MARNC	Mare, Loyalty	15.48	143	Pn		04	15	51.0	-1.0
MARNC	Mare, Loyalty	15.48	143	Pn		04	15	50.9	-1.1
MARNC	Mare, Loyalty	15.48	143	Pn		04	15	54.7	-1.6
OUENC	Ouen Island, N	15.56	148	Pn		04	15	52.5	-0.5
OUENC	Ouen Island, N	15.56	148	Pn		04	15	53.7	+0.7
CTA	Charters Tower	15.64	225	Pn		04	15	51.4	-2.8
CTA	comp=Z, 3.2nm, 0.3s, baz=51, slow=15, SNR=163				LR	04	21	16.4	
CTA	comp=Z, 136µm, 21.6s, baz=46, slow=35				LR	04	15	51.8	-2.3
CTAO	Charters Tower	15.64	225	Pn		04	15	51.8	-2.3
CTAO	comp=Z, 2µm, 1.4s				Pmax				
CTAO	Charters Tower	15.64	225	Pn		04	15	51.8	-2.3
CTAO	comp=Z, 2µm, 1.4s				Iamb				
CTAO	Charters Tower	15.64	225	Pn		04	15	51.5	-2.6
PATS	Pohnpei	16.02	1	P		04	15	57.5	-1.4
PATS	baz=16				S				
PATS	Pohnpei	16.02	1	Pn		04	15	47.5	-8.7
PATS	baz=16				Pn				
PATS	Pohnpei	16.02	1	Pn		04	15	58.1	-0.8
PATS	comp=Z, 3µm, 1.0s				Iamb				
PINNC	Pines Island	16.04	147	Pn		04	15	59.0	-0.2
PINNC	Pines Island	16.04	147	Pn		04	16	00.4	+1.2
EIDS	Eidsvold	17.31	202	Pn		04	16	15.0	-0.2
EIDS	baz=17, SNR=42				Pn				
EIDS	Eidsvold	17.31	202	Pn		04	16	14.1	-1.1
EIDS	Eidsvold	17.31	202	Pn		04	16	13.9	-1.3
MMPI	Merauke	17.45	271	Pn		04	16	22.5	+4.3
TARA	Tarawa	18.22	55	P		04	16	25.7	-0.8
TARA	comp=Z, 5µm, 1.4s				Iamb				
TARA	Tarawa	18.22	55	P		04	16	26.3	-0.3
TARA	Tarawa	18.22	55	P		04	16	28.2	+1.5
GENI	Genyem	18.96	289	Pn		04	16	34.6	-0.2
GENI	Genyem	18.96	289	Pn		04	16	35.6	-0.0
RMQ	Roma	19.29	206	Pn		04	16	38.9	+0.1
KWAJ	Kwajalein Atol	20.35	28	P		04	16	52.0	0.0
KWAJ	comp=Z, 19µm, SNR=471				Pmax				
KWAJ	comp=Z, 18µm, 2.1s				MLR				
KWAJ	comp=Z, 170µm, 19.0s				MLR				
KWAJ	Kwajalein Atol	20.35	28	Pn		04	16	52.0	0.0
KWAJ	Kwajalein Atol	20.35	28	Pn		04	16	52.7	+0.8
KWAJ	Kwajalein Atol	20.35	28	Pn		04	16	52.8	+0.7
KWAJ	Mount Isa	21.01	236	P		04	16	58.5	+1.3
MSVF	Nonsavu	21.19	115	P		04	17	01.1	+2.0
MSVF	comp=Z, 152nm, 0.9s, baz=285, slow=4.2, SNR=42				LR	04	24	62.6	
MSVF	comp=Z, 75µm, 18.4s, baz=291, slow=36				P	04	17	01.3	+2.1
MSVF	Nonsavu	21.19	115	Pmax					
MSVF	comp=Z, 2µm, 1.3s				Pmax				
MSVF	comp=Z, 1.12µm, 18.0s				MLR				
MSVF	Nonsavu	21.19	115	P		04	17	01.3	+2.1
MSVF	comp=Z, 2µm, 1.2s				Iamb				
MSVF	Nonsavu	21.19	115	P		04	17	02.6	+3.4
MSVF	Nonsavu	21.19	115	P		04	17	02.0	+2.8
QLP	Quilpie	21.60	215	P		04	17	04.4	+1.0
QLP	baz=22, SNR=106				P				
NFK	Norfolk Island	21.60	215	P		04	17	05.3	+0.1
NFK	baz=22, SNR=3.4				P				
NFK	Norfolk Island	21.60	215	P		04	17	05.7	+0.7
NFK	Norfolk Island	21.60	215	P		04	17	05.8	+0.7
NFK	Norfolk Island	21.60	215	P		04	17	06.3	+1.8
ARMA	Armida	21.86	195	P		04	17	06.3	0.0

KNTN	Kanton	30.76	80	P		04	18	28.7	-0.3
KNTN	Kanton	30.76	80	P		04	18	28.1	-0.9
KNTN	Kanton	30.76	80	P		04	18	29.3	+0.3
BBOO	Bucklebo	30.98	218	P		04	18	30.1	-0.7
BBOO	baz=31, SNR=52				P				
BBOO	Bucklebo	30.98	218	P		04	18	29.5	-1.3
BBOO	comp=Z, 510nm, 0.8s				Iamb				
ARPS	Mount Arapiles	31.05	206	P		04	18	31.4	+0.1
ARPS	baz=31, SNR=36				P				
LBMI	Labuha	31.57	284	P		04	18	36.1	-0.1
LBMI	comp=Z, 2.1µm, comp=Z, 2.19nm, 1.2s				P				
KUZ	Kuautoun	31.70	152	P		04	18	39.7	+2.7
GAMI	Galela, Maluku	32.09	289	P		04	18	44.2	+3.4
GAMI	comp=Z, 2.1µm, comp=Z, 2.61nm, 1.2s				P				
TNTI	Ternate	32.13	287	P		04	18	40.8	-0.3
TNTI	comp=Z, 561nm, 1.3s				Iamb				
TNTI	Ternate	32.13	287	P		04	18	42.1	+1.0
TNTI	comp=Z, 2.1µm, comp=Z, 6µm, comp=Z, 355nm, 1.5s				P				
WRKA	Warakuna	32.33	237	P		04	18	41.2	-1.6
WRKA	baz=32, SNR=277				P				
WRKA	Warakuna	32.33	237	P		04	18	41.2	-1.6
TOZ	Tahuroa Road	32.42	254	P		04	18	43.4	+0.1
SANI	Sanana	32.66	282	P		04	18	45.7	0.0
SANI	Sanana	32.66	282	P		04	18	45.7	0.0
HIZ	Haiti	32.80	155	P		04	18	58.8	

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like PSA00, MBWA, MPST, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like MAJO, Matsushiro, MAJO, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KHU, Kahuku, HUH, etc.

ZEA		eS	S	04 32 12.8	+2.7
ZEA		e		04 33 11.7	
ZEA		pmax	pmax		
ZEA	comp=E,110nm,0.9s				
ZEA	comp=N,430nm,1.1s	pmax	pmax		
ZEA	comp=Z,690nm,1.1s				
ZEA	comp=N,2µm,6.2s	pmax	pmax		
ZEA	comp=Z,3µm,6.3s	smax	smax		
ZEA	comp=E,2µm,9.0s				
ZEA	comp=N,4µm,8.5s	smax	smax		
LZH	Lanzhou	68.04 315	↑P	04 23 17.3	+0.5
LZH			pP	04 23 18.2	-0.4
LZH			ppP	04 23 21.8	-1.4
LZH			PP	04 25 46.3	+2.7
LZH			S	04 32 10.7	-1.2
LZH			sS	04 32 19.9	-0.8
LZH			SS	04 36 36.9	+2.2
LZH			pmax		
LZH	comp=N,4µm,4.9s	LR	LR		
LZH	comp=N,14µm,19.5s	LR	LR		
LZH	comp=N,20µm,19.0s	LR	LR		
LZH	comp=N,19µm,21.1s	LR	LR		
NIKH	Nikolski High	68.14 21	P	04 23 13.5	+0.3
NIKH	Nikolski High	68.14 21	P	04 23 12.9	-0.3
NIKH	baz=215		S	04 32 10.9	-1.2
VNDA	Vanda	68.24 179	P	04 23 12.9	-0.7
VNDA	comp=N,68nm,1.3s,baz=344,slow=6.8,SNR=20	LR	LR	04 46 59.1	
VNDA	comp=N,49µm,21.8s,baz=2.5,slow=31				
VNDA	Vanda	68.24 179	P	04 23 13.4	-0.1
VNDA	comp=Z,228nm,1.1s	IAMB	IAMB	04 23 44.5	
SBA	Scott Base	68.70 178	P	04 23 18.2	+1.9
SBA	comp=Z,187nm,1.1s	P	P	04 23 18.2	+1.9
SBA	Scott Base	68.70 178	P	04 23 48.3	
SBA	comp=Z,187nm,1.1s	IAMB	IAMB	04 23 48.3	
SBA	Scott Base	68.70 178	IAMS_20	IAMS_20	04 46 43.3
MA2	Magadan	68.88 356	P	04 23 16.9	-0.7
MA2	comp=Z,214nm,1.0s,baz=156,slow=6.2,SNR=30	LR	LR	04 49 50.9	
MA2	Magadan	68.88 356	P	04 23 17.7	0.0
MA2	comp=Z,211µm,21.8s,baz=173,slow=33				
MA2	Magadan	68.88 356	pP		
MA2	comp=Z,384nm,1.2s	MLR	MLR		
MA2	Magadan	68.88 356	P	04 23 18.2	+0.6
MA2	comp=Z,18µm,18.0s	IAMB	IAMB	04 23 20.2	
MA2	Magadan	68.88 356	↑P	04 23 17.3	-0.4
MA2	UNV	69.68 22	P	04 23 23.4	+0.7
UNV	Unalaska Valle	69.68 22	S	04 32 28.9	-1.3
LKP	Lekhapani	70.33 303	eP	04 23 25.3	-2.0
LKP	comp=Z,310nm,1.1s	IAMB	IAMB	04 23 29.9	
IMP	Imphal	71.03 300	eP	04 23 29.8	-1.9
IMP	comp=Z,377nm,1.5s	IAMB	IAMB	04 23 34.0	
DIBR	DIBRUGARH	71.15 303	eP	04 23 32.9	+0.6
DIBR	comp=Z,765nm,1.0s	IAMB	IAMB	04 23 35.8	
SPIA	Saint Paul Isl	71.17 18	P	04 23 32.2	+0.4
SPIA	baz=213				
KOHI	KOHIMA	71.20 301	eP	04 23 31.0	-1.9
KOHI	comp=Z,122nm,0.8s	IAMB	IAMB	04 23 35.6	
FALS	False Pass	71.61 22	IAMB	IAMB	04 23 47.7
FALS	comp=Z,319nm,1.1s				
FALS	False Pass	71.61 22	P	04 23 34.5	+0.1
FALS	baz=220		S	04 32 51.1	-1.5
CIT	Chita	71.99 333	eP	04 23 37.8	+0.9
CIT	comp=Z,2µm,2.3s		eS	04 23 53.7	+0.6
CIT			pmax	04 33 01.5	+4.2
SILR	SILCHAR	71.99 300	eP	04 23 38.1	+0.7
SILR	comp=Z,518nm,0.9s	IAMB	IAMB	04 23 41.4	
ITAN	ITANAGAR	72.02 302	eP	04 23 39.6	+2.0
ITAN	comp=Z,80nm,0.6s	IAMB	IAMB	04 23 41.6	
SEY	Seymchan	72.13 357	P	04 23 36.5	-1.0
SEY	comp=Z,241nm,1.1s,baz=162,slow=5.9,SNR=77			04 51 24.6	
SEY	comp=Z,1.3nm,0.3s,baz=78,slow=5.0,SNR=3.9	LR	LR	04 51 54.6	
ULN	Ulanbaatar	72.54 327	P	04 23 40.7	+0.2
ULN	comp=Z,5µm,21.6s,baz=166,slow=33		pmax		
ULN	Ulanbaatar	72.54 327	P	04 23 41.0	+0.5
ULN	comp=Z,578nm,1.2s	IAMB	IAMB	04 23 44.3	
ULN	Ulanbaatar	72.54 327	P	04 23 39.7	-0.8
ULN	comp=Z,575nm,1.2s		S	04 23 39.7	-0.8
ULN	Ulanbaatar	72.54 327	S	04 33 04.7	+0.6
ULN	Ulanbaatar	72.54 327	↑P	04 23 40.8	+0.4
ULN	Ulanbaatar	72.54 327	P	04 23 41.5	+1.0
SONM	Songino Array	72.88 326	P	04 23 41.6	-0.8
SONM	comp=Z,60µm,comp=Z,25µm,comp=Z,2µm,1.2s				
SONM	comp=Z,244nm,1.0s,baz=141,slow=4.6,SNR=113			04 51 18.8	
SONM	comp=Z,1.8nm,0.9s,baz=347,slow=1.4,SNR=5.1	PKPPKP		04 51 18.8	
SONM	comp=Z,17µm,22.0s,baz=122,slow=35	LR	LR	04 54 23.8	
SONM	Songino Array	72.88 326	P	04 23 42.8	+0.3
SHL	Shilong	73.03 300	eP	04 23 43.4	-0.5
SHL	comp=Z,78nm,0.8s	IAMB	IAMB	04 23 47.3	
CHNA	Chernabura Isl	73.08 24	P	04 23 43.0	-0.9
CHNA	baz=224		S	04 23 42.6	-0.6
CHNA			S	04 33 07.5	-2.0
SDPT	Sand Point	73.10 23	P	04 23 43.3	-0.1
SDPT	baz=223		S	04 33 06.4	-3.3
YAK	Yakutsk	74.44 347	P	04 23 50.2	-0.9
YAK	comp=Z,319nm,0.9s,baz=127,slow=5,SNR=68				
YAK	Yakutsk	74.44 347	pP	04 23 50.5	-0.6
YAK	comp=Z,651nm,1.0s	pmax	pmax		
YAK	Yakutsk	74.44 347	P	04 23 50.3	-0.7
YAK	Yakutsk	74.44 347	↑P	04 23 50.7	-0.4
LSA	Lhasa	75.03 304	S	04 23 55.0	-0.9
LSA	comp=Z,280nm,1.0s	pmax	pmax	04 33 35.0	+1.5
LSA	comp=Z,22µm,25.6s	LR	LR		
LSA	comp=Z,35µm,24.9s	LR	LR		
LSA	comp=Z,56µm,22.8s	LR	LR		
CHIR	Chirikof Islan	75.03 304	P	04 23 56.9	+1.0
CHIR	baz=227		S	04 23 56.8	0.0
BOD	Bodaibo	75.85 337	eP	04 23 58.5	-0.8
BOD	comp=Z,662nm,1.2s	pmax	pmax		
ZAK	Zakamensk	76.02 327	eP	04 24 00.5	-0.1
ZAK	comp=Z,341nm,1.2s	pmax	pmax		
GAMB	Gambell	76.40 13	IAMS_20	IAMS_20	04 51 49.5

GAMB	Gambell	76.40 13	↑P	04 24 02.8	+0.5
GAMB	Gambell	76.40 13	P	04 24 02.2	0.0
GAMB	baz=211		S	04 33 46.3	+0.1
SII	Sitkinak Islan	76.48 25	IAMB	IAMB	04 24 13.9
SII	comp=Z,286nm,0.9s				
SII	Sitkinak Islan	76.48 25	P	04 24 03.0	0.0
SII	baz=229		S	04 33 45.8	-1.8
IRK	Irkutsk	76.56 329	eP	04 24 02.2	-1.3
IRK	comp=Z,484nm,2.8s		pmax	04 33 51.6	
TAPN	Taplejung	77.15 301	eP	04 24 07.6	-0.1
TAPN	comp=Z,754nm,1.3s				
OHAK	Odare	77.27 300	eP	04 24 07.9	-0.5
OHAK	comp=Z,736nm,1.1s				
OHAK	Old Harbor	77.29 25	IAMB	IAMB	04 24 29.0
OHAK	comp=Z,248nm,1.2s				
OHAK	Old Harbor	77.29 25	P	04 24 07.5	0.0
OHAK	baz=229		S	04 33 54.5	-1.7
MOY	Mondy	77.93 328	eP	04 24 11.1	-0.3
KDAK	Kodiak Island	77.95 25	P	04 24 10.5	-0.6
KDAK	comp=Z,49nm,0.8s,baz=284,slow=7.4,SNR=13				
KDAK	Kodiak Island	77.95 25	P	04 24 12.3	+1.2
KDAK	Kodiak Island	77.95 25	IAMS_20	IAMS_20	04 52 24.1
KDAK	Kodiak Island	77.95 25	P	04 24 11.2	+0.1
KDAK	comp=Z,34µm,21.0s				
KDAK	Kodiak Island	77.95 25	S	04 34 02.8	-0.5
KDAK	baz=230				
RAMN	Ramnit	77.97 300	eP	04 24 12.3	0.0
O18K	Kottuk Hills	78.29 22	P	04 24 13.2	+0.1
O18K	baz=227,SNR=5.2				
O18K	baz=227		S	04 34 05.6	-1.4
VIS	Vishakhapatnam	78.47 290	eP	04 24 15.2	+0.3
VIS	comp=Z,151nm,1.1s	IAMB	IAMB	04 24 18.2	
JIRN	Jiri	78.53 301	eP	04 24 15.3	-0.2
JIRN	comp=Z,3µm,2.2s				
HALK	Hakmana	78.57 278	↑P	04 24 16.6	+1.1
ANM	Nome	78.60 15	IAMS_20	IAMS_20	04 55 00.4
ANM	comp=Z,31µm,20.0s				
ANM	Nome	78.60 15	P	04 24 15.8	+1.2
ANM	baz=217		S	04 34 11.2	+1.1
N18K	Kilae Creek	78.61 21	P	04 24 15.6	+0.8
N18K	comp=Z,226,SNR=41				
N18K	baz=226		S	04 34 10.4	-0.1
PALK	Pallekele	78.77 279	P	04 24 16.9	+0.2
PALK	comp=Z,369nm,1.2s	pmax	pmax		
PALK	Pallekele	78.77 279	P	04 24 16.9	+0.2
PALK	comp=Z,369nm,1.1s				
PALK	Pallekele	78.77 279	P	04 24 16.0	-0.7
TNA	Tin City	78.78 14	↑P	04 24 15.8	+0.2
TNA	comp=Z,15µm,21.0s		ppP	04 24 17.6	-3.6
TNA	Tin City	78.78 14	P	04 24 15.9	+0.3
TNA	baz=214,SNR=7.4				
O19K	Port Alsworth	78.85 22	P	04 24 15.9	-0.2
O19K	comp=Z,228		S	04 34 11.7	-1.3
O19K	Oli Pt	78.91 23	P	04 24 16.3	-0.2
O19K	comp=Z,229,SNR=15				
P19K	P19K	79.01 21	IAMB	IAMB	04 24 22.9
P19K	Sparrevohn	79.01 21	IAMB	IAMB	04 24 22.9
P19K	comp=Z,154nm,1.1s				
PKI	Pulchoki	79.17 300	eP	04 24 18.4	-0.6
PKI	comp=Z,471nm,1.1s				
PKIN	Phulchoki	79.18 300	eP	04 24 18.0	-1.0
PKIN	comp=Z,54nm,1.2s				
N19K	Bonanza Creek	79.21 22	P	04 24 17.7	-0.5
N19K	baz=228,SNR=15				
N19K	baz=228		S	04 34 16.2	-0.8
KKN	Kakani	79.34 301	eP	04 24 19.1	-0.7
O20K	Slope Mountain	79.42 23	P	04 24 18.7	-0.6
O20K	comp=Z,558nm,1.2s				
O20K	Slope Mountain	79.42 23	S	04 34 18.1	-1.0
O20K	comp=Z,230,SNR=6.4				
DMN	Daman	79.43 300	eP	04 24 20.2	-0.2
HOM	Home	79.53 23	P	04 24 20.3	+0.5
HOM	comp=Z,230,SNR=9.6				
BRLL	Bradley Lake	79.89 24	IAMB	IAMB	04 24 32.3
BRSE	Bray Lake S	79.93 24	P	04 24 22.3	+0.2
BRSE	comp=Z,846nm,1.9s				
BRSE	Bray Lake S	79.93 24	P	04 24 22.3	+0.2
BRSE	comp=Z,231,SNR=13				
GKN	Gorkha	79.94 301	eP	04 24 22.4	-0.6
GKN	comp=Z,1µm,1.3s				
L19K	White Mountain	80.01 20	P	04 24 22.8	+0.4
L19K	comp=Z,1µm,1.3s				
L19K	White Mountain	80.01 20	P	04 24 22.8	+0.4
L19K	comp=Z,227,SNR=109				
TTA	Tatalina	80.13 20	↑P	04 24 25.7	+2.6
TTA	comp=Z,227		P	04 24 23.7	+0.6
TTA	Tatalina	80.13 20	P	04 24 25.7	+2.6
TTA	baz=226		S	04 34 27.1	+0.5
SPCR	Spurr Chakacha	80.30 22	P	04 24 23.6	-0.5
SPCR	comp=Z,230		S	04 34 25.8	-2.6
MDRS	Chennai	80.35 285	eP	04 24 23.1	-2.1
M20K	Styx River	80.41 21	P	04 24 25.1	+0.4
M20K	baz=229		S	04 34 29.8	+0.2
CAPN	Captain Cook N	80.42 23	P	04 24 25.6	+1.0
CAPN	comp=Z,231		S	04 34 31.1	+1.7
SEW	Seward	80.67 24	IAMB	IAMB	04 24 38.9
SEW	comp=Z,288nm,1.0s				
SEW	Seward	80.67 24	P	04 24 32.4	+0.5
SEW	baz=232,SNR=24		S	04 34 32.4	+0.3
QSPA	South Pole Qui	80.71 180	P	04 24 25.6	-0.8
QSPA	comp=Z,327nm,1.1s	IAMB	IAMB	04 24 39.2	
QSPA	South Pole Qui	80.71 180	IAMS_20	IAMS_20	04 58 56.1
QSPA	South Pole Qui	80.71 180	↑P	04 24 25.7	

PKM	McPherson Peak	88.89	55	P	P	04 25 10.5 +2.3
PKM	baz=258,SNR=41			S	S	04 35 59.3 +3.9
I04A	Tendler Farm,	88.91	45	P	P	04 25 09.5 +1.6
I04A	baz=258			S	S	04 35 56.6 +1.6
J04D	Umpqua Nationa	89.00	46	P	P	04 25 09.9 +1.3
J04D	baz=256,SNR=24			S	S	04 35 58.2 +2.1
F04D	Rainier, OR	89.06	43	P	P	04 25 10.7 +2.2
F04D	baz=256			S	S	04 35 58.2 +2.1
CMB	Columbia Colle	89.10	51	IAMB	IAMB	04 25 34.1
CMB	comp=Z,332nm,1.9s			IAMS_20	IAMS_20	04 56 09.1
K04D	Chiloquin, OR	89.11	47	P	P	04 25 10.3 +1.3
K04D	baz=256			S	S	04 35 58.8 +1.8
TDK	Taldyqorghan	89.24	316	eP	P	04 25 08.4 -1.0
TDK	comp=Z,631nm,1.7s			eS	eLR	04 35 37.0 -1.5
TDK	TDK	89.24	316	eS	eS	04 35 37.0 -1.5
TDK	TDK			eS	eS	04 35 37.0 -1.5
H04A	Detroit Lake	89.28	45	P	P	04 25 11.1 +1.4
H04A	comp=Z,32um,21.0s			IAMS_20	IAMS_20	04 57 26.6
D03D	Eldon	89.36	42	P	P	04 25 10.8 +0.9
D03D	baz=256,SNR=12			S	S	04 36 01.3 +2.4
PGC	Sidney	89.41	41	IAMS_20	IAMS_20	04 59 46.8
F04A	Amboy	89.42	43	IAMS_20	IAMS_20	04 58 51.2
KDJ	Kajisay	89.44	313	IAMB	IAMB	04 25 26.0
ARXS	Arharly	89.46	315	eP	P	04 25 09.6 -0.9
E04D	Cinebar	89.47	43	P	P	04 25 11.7 +1.3
E04D	baz=256,SNR=11			S	S	04 36 02.2 +2.3
D04E	Lakebay	89.49	42	P	P	04 25 12.2 +1.8
D04E	baz=256			S	S	04 36 04.4 +4.4
BEKR	Beckworth	89.52	50	IAMB	IAMB	04 25 22.8
BEKR	comp=Z,449nm,1.8s			IAMS_20	IAMS_20	04 57 07.0
VOG	Valley Oaks Go	89.53	53	P	P	04 25 12.3 +1.4
VOG	baz=258			S	S	04 36 04.5 +3.6
SCI2	San Clemente I	89.53	57	P	P	04 25 13.3 +2.3
SCI2	baz=259,SNR=18			S	S	04 36 04.9 +3.7
J05D	Fort Rock, OR	89.63	46	P	P	04 25 13.9 +2.4
J05D	baz=257,SNR=27			S	S	04 36 05.0 +3.1
VES	Vestal, Richgr	89.67	54	P	P	04 25 12.9 +1.4
VES	baz=258,SNR=42			S	S	04 36 02.5 +0.3
OSI	Osito Audit: C	89.71	55	IAMS_20	IAMS_20	04 56 18.4
OSI	comp=Z,56um,22.0s			S	S	04 36 06.6 +3.7
OSI	Osito Audit: C	89.71	55	P	P	04 25 14.1 +2.2
OSI	baz=258			S	S	04 36 06.6 +3.7
CIS	Catalina Islan	89.72	56	P	P	04 25 13.2 +1.2
CIS	baz=259,SNR=25			S	S	04 36 06.2 +3.2
ARVC	Arvin	89.73	54	P	P	04 25 13.8 +1.9
ARVC	comp=Z,160nm,1.2s			S	S	04 36 07.1 +4.2
K05A	Summer Lake	89.75	47	IAMS_20	IAMS_20	04 57 05.0
MDOK	Medeo	89.77	314	iP	S	04 25 11.0 -1.2
MDOK	comp=Z,30um,22.0s			iP	SKSAC	04 35 39.8 -2.2
MDOK	Medeo	89.77	314	iP	S	04 25 10.9 -1.2
MDOK	comp=Z,30um,22.0s			iP	SKSAC	04 35 39.8 -2.2
KSH	Kashi	89.77	310	iP	S	04 25 13.4 +1.2
KSH	comp=Z,21.7 -1.0			eS	SKS	04 35 44.8 +2.7
KSH	KSH			SS	SS	04 36 08.2 +0.5
KSH	KSH			SS	SS	04 42 03.7 +2.9
KSH	comp=Z,160nm,1.2s			pmx	pmx	
KSH	comp=Z,2um,4.5s			LR	LR	
KSH	comp=Z,7um,21.1s			LR	LR	
KSH	comp=Z,13um,21.3s			LR	LR	
I05D	Terrebonne, OR	89.79	45	P	P	04 25 13.7 +1.7
I05D	baz=257			S	S	04 36 06.2 +3.0
AAA	Alma-Ata	89.88	314	eP	P	04 25 10.8 -1.7
AAA	comp=Z,1um,2.4s			eS	eLR	04 35 44.1 +1.7
AAA	AAA			eS	eLR	05 01 58.9
AAA	AAA			eS	eLR	05 01 58.9
AAA	AAA			eS	eLR	05 01 58.9
FMP	Fort Macarthur	89.88	56	P	P	04 25 14.6 +2.0
FMP	baz=259			S	S	04 36 08.2 +3.9
A04D	Lummi Island	89.91	41	P	P	04 25 13.8 +1.4
A04D	baz=256,SNR=13			S	S	04 36 07.7 +3.8
PNTR	Pine Nut	89.93	50	IAMB	IAMB	04 25 38.7
PNTR	comp=Z,537nm,1.7s			IAMB	IAMB	04 25 25.1
WAKR	Walker	89.93	51	IAMB	IAMB	04 25 25.1
WAKR	comp=Z,482nm,1.7s			IAMS_20	IAMS_20	04 56 46.0
PINE	Pine Mountain	89.95	46	IAMS_20	IAMS_20	04 57 20.3
DECC	Green Verdugo	89.96	55	P	P	04 25 14.9 +1.9
DECC	baz=259,SNR=11			S	S	04 36 09.0 +3.9
CHKK	Chushkaly	89.97	314	eP	P	04 25 11.2 -1.7
MOD	Modoc Plateau	89.99	48	IAMB	IAMB	04 25 39.7
MOD	comp=Z,464nm,1.9s			IAMS_20	IAMS_20	05 02 51.6
D05A	Enunclaw	90.01	42	IAMB	IAMB	04 25 36.6
D05A	comp=Z,211nm,1.5s			IAMS_20	IAMS_20	04 56 51.7
G05D	Wamic, OR	90.01	44	P	P	04 25 14.1 +1.1
G05D	baz=257			S	S	04 36 07.3 +2.1
LON	Longmire	90.02	43	IAMS_20	IAMS_20	04 56 41.1
MDPB	Devils Postpil	90.03	52	P	P	04 25 15.0 +1.4
MDPB	comp=Z,40um,22.0s			IAMB	IAMB	04 25 34.5
MDPB	comp=Z,189nm,1.2s			IAMS_20	IAMS_20	04 56 12.7
F05D	White Salmon	90.06	44	P	P	04 25 14.7 +1.5
F05D	baz=257			S	S	04 36 07.9 +2.4

PASC	Pasadena Art C	90.06	56	IAMB	IAMB	04 25 31.3
ISA	Isabella, Lake	90.12	54	IAMB	IAMB	04 25 24.5
ISA	comp=Z,294nm,1.6s			IAMS_20	IAMS_20	05 01 50.1
ISA	Isabella, Lake	90.12	54	P	P	04 25 15.4 +1.6
ISA	comp=Z,52um,19.0s			S	S	04 36 08.9 +2.3
ULHL	Ulhalo	90.15	313	P	P	04 25 15.8 +1.8
YERR	Yerlington	90.18	51	IAMB	IAMB	04 25 25.0
YERR	comp=Z,292nm,1.5s			S	S	04 25 14.0 +0.3
B05A	Bryant	90.19	41	P	P	04 25 14.0 +0.3
B05A	baz=256,SNR=26			S	S	04 36 08.5 +2.0
PAHR	Pah Rah Range	90.22	50	IAMB	IAMB	04 25 25.2
PAHR	comp=Z,289nm,1.4s			IAMS_20	IAMS_20	04 57 17.5
MLAC	Maple Falls	90.22	52	P	P	04 25 16.1 +1.7
MLAC	comp=Z,28um,22.0s			S	S	04 36 12.4 +4.5
MLAC	Maple Falls	90.25	55	P	P	04 25 16.9 +2.0
EDW2	Edwards Air Fo	90.35	55	P	P	04 25 13.4 +4.6
EDW2	comp=Z,259,SNR=83			S	S	04 36 13.4 +4.6
A05A	Maple Falls	90.37	40	IAMS_20	IAMS_20	05 00 36.2
KUU	Kurly	90.43	314	iP	P	04 25 13.5 -1.6
KUU	comp=Z,450nm,1.5s			iS	SKSAC	04 35 43.6 -1.9
KUU	KUU	90.43	314	iP	iP	04 25 13.4 -1.6
KUU	KUU			iS	SKSAC	04 35 43.6 -1.9
KUU	KUU			iS	SKSAC	04 35 43.6 -1.9
KUU	comp=Z,450nm,1.5s			smx	smx	
KURK	Kurchatov	90.48	321	P	P	04 25 13.0 -2.0
KURK	Kurchatov	90.48	321	P	P	04 25 12.9 -2.0
KURBB	Kurbatov Arra	90.51	321	P	P	04 25 12.9 -2.2
KURBB	comp=Z,21nm,0.9s,baz=110,slow=3,PKKPbc			P	P	04 42 43.1 -1.7
TIN	Tinemaha, Big	90.58	53	P	P	04 25 17.8 +1.8
TIN	comp=Z,4.3nm,0.8s,baz=288,slow=2.9,SNR=10			S	S	04 36 15.3 +4.4
CWC	Cottonwood Cre	90.58	53	P	P	04 25 17.3 +1.3
CWC	baz=259			S	S	04 36 14.0 +3.0
LHV	Little Huntton	90.60	51	P	P	04 25 17.5 +1.6
LHV	comp=Z,317nm,1.3s			IAMS_20	IAMS_20	04 57 18.7
B06A	Marblemount	90.65	41	IAMS_20	IAMS_20	05 00 27.5
RYN	Ryan	90.66	51	IAMB	IAMB	04 25 27.3
RYN	comp=Z,276nm,1.3s			IAMS_20	IAMS_20	04 56 57.3
109C	Camp Elliot, M	90.71	57	P	P	04 25 18.8 +2.3
109C	comp=Z,30um,22.0s			S	S	04 36 16.3 +4.3
LRMC	Laurel Mtn Rad	90.72	54	P	P	04 25 18.6 +2.0
LRMC	baz=259,SNR=31			S	S	04 36 15.9 +3.6
TKM2	Tokmak 2	90.76	313	P	P	04 25 16.6 -0.2
MURC	Murata	90.76	56	P	P	04 25 18.4 +1.6
MURC	baz=259,SNR=23			S	S	04 36 16.1 +3.5
NIL	Nilore	90.77	304	P	P	04 25 16.0 -0.9
NIL	comp=Z,220nm,1.5s			MLR	MLR	
NIL	Nilore	90.77	304	P	P	04 25 16.0 -0.9
NIL	comp=Z,5um,21.0s			IAMB	IAMB	04 26 21.1
NIL	Nilore	90.77	304	P	P	04 25 15.9 -0.9
NIL	comp=Z,220nm,1.4s			P	P	04 25 16.2 -0.8
NVAR	Mina Array Bea	90.79	51	P	P	04 42 38.3 -2.4
NVAR	comp=Z,57nm,1.2s,baz=245,slow=5.9,SNR=57			PKKP	PKKPdf	04 50 46.4 -5.5
NVAR	comp=Z,0.9nm,0.9s,baz=205,slow=3.6,SNR=2.6			PKKP	PKKP	04 50 08.8
NVAR	comp=Z,0.2nm,0.5s,baz=214,slow=3.1,SNR=3.3			LR	LR	04 58 00.8
NVAR	comp=Z,24um,21.8s,baz=268,slow=30			P	P	04 25 18.1 +1.0
NVAR	Mina Array Bea	90.79	51	P	P	04 25 15.5 -0.5
INK	Inuk	90.80	20	P	P	04 25 15.5 -0.5
INK	comp=Z,46nm,1.1s,baz=232,slow=5.0,SNR=45			PKKP	PKKPdf	04 42 39.0 -2.2
INK	Inuk	90.80	20	P	P	04 25 15.6 -0.5
INK	Inuk	90.80	20	P	P	04 25 17.4 +1.4
INK	baz=247			S	S	04 36 10.7 -0.6
KZA	Kyzart	90.84	312	P	P	04 25 17.8 +0.3
LLX	Lilloet	90.88	39	IAMS_20	IAMS_20	04 57 53.5
CCB	Cicese	90.89	58	IAMS_20	IAMS_20	04 58 07.7
C06D	Leavenworth	90.90	42	P	P	04 25 18.2 +1.1
C06D	baz=257			S	S	04 36 14.3 +1.2
LTY	Liberty	90.90	42	IAMS_20	IAMS_20	05 01 44.3
NV11	Mina Array Sit	90.90	51	IAMS_20	IAMS_20	04 57 15.8
I07A	Izee	91.03	46	IAMS_20	IAMS_20	04 57 53.8
BAR	Barrett	91.03	57	P	P	04 25 19.3 +1.3
BAR	comp=Z,245nm,1.4s			IAMB	IAMB	04 25 28.9
BBRC	Big Bear Solar	91.11	56	P	P	04 25 20.3 +1.7
BBRC	baz=260,SNR=8.9			S	S	04 36 19.0 +2.9
SYO	Syowa Base	91.14	198	eP	eP	04 25 18.0 +0.2
SYO	comp=Z,36um,19.0s			ppP	ppP	04 25 19.6 +0.9
SYO	Syowa Base	91.14	198	eP	eP	04 25 25.6 +2.4
RRX	Edison Barstow	91.16	55	P	P	04 25 20.4 +1.8
RRX	baz=260			S	S	04 36 19.6 +3.6
KBK	Karagaybulak	91.17	313	P	P	04 25 20.1 +1.4
GRAC	Grapevine Rang	91.25	53	P	P	04 25 21.1 +2.1
GRAC	baz=259,SNR=37			S	S	04 36 20.1 +3.2
MONP2	Monument Peak	91.27	57	P	P	04 25 21.8 +2.4
MONP2	comp=Z,260,SNR=43			S	S	04 36 20.1 +2.5
E07A	Sunnyside	91.30	43	IAMS_20	IAMS_20	05 00 00.8
WVOR	Wild Horse Val	91.32	47	IAMS_20	IAMS_20	05 00 16.5
PFO	Pinyon Flats O	91.37	56	P	P	04 25 19.3 -0.5
PFO	comp=Z,2.2nm,0.6s,baz=253,slow=4.0,SNR=23			IAMB	IAMB	04 25 22.2 +2.5
PFO	Pinyon Flats O	91.37	56	P	P	04 25 20.5
PFO	comp=Z,196nm,1.4s			S	S	04 36 21.9 +3.6
PFO	Pinyon Flats O	91.37	56	P	P	04 25 22.1 +2.3
PFO	baz=260			S	S	04 36 21.9 +3.6
TPFO	Pinon Flats	91.37	56	P	P	04 25 22.1 +2.3
TPFO	baz=260,SNR=42			S	S	04 36 21.0 +2.7
CHMS	Chumysh	91.38	313	P	P	04 25 19.2 -0.2
GSC	Goldstone, Bar	9				

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like JFWS Jewell Farm, HAMF Hammerfest, DAG Danmarks Havn, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like OBN Obninsk, T47A Sharon Grove, HOPE Hope Point, BLO Bloomington, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like KIBK Kibwezi, ICESG Greenland Ices, RAF Rauma, etc.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like San Jacinto, Ostrava-Krasne, Zaragoza, etc.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like Pedras Altas, Colim, Barichara, etc.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like MOX, BEHE, GERES, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Porto Santo, Porto Moniz, Madeira, etc.

ISC 10 04:14:56.4-5.5, 32.49N; 135.79E, h0km, mb3.8/4, mb1 3.6/9, mb1mx3.5/72, mbtm3.6/9, ML0.5, MS4.6/1, Ms1 4.6/1, ms1mx3.3/54, Error ellipse: s-maj=90.3km s-min=29.7km az=143.0

JMA 10 04:15:05.5, 33.28N; 135.40E, h29km, 1km, M4.2 Broadband fault plane solution: P waves. NP2: phi=276.00000, lambda=180.00000, NP2phi=6.00000, delta=0.00000, lambda=180.00000. Principal axes: T Plg1.00000, Azm23.10000; N Plg99.00000, Azm6.00000; P Plg1.00000, Azm14.10000;

JMA 10 04:15:05.5, 33.28N; 135.40E, h29km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mn:0.18; Mw:0.63; Ms:0.45; Mx:0.05; My:0.96; Mz:0.46; Fault plane solution: Ms1.20000x10^15 NP1: phi=196.00000, lambda=83.00000, NP2: phi=193.00000, lambda=87.00000, NP3: phi=173.00000;

ISC 10 04:15:03.0, 1.8, 33.24N; 0.06, 135.40E; 0.03, h2km, 11km, n28, r=172/33, mb3.6/4, 6C-4D, Near surface south of western Honshu

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

ISC 10 04:18:21.7-0.9, 27.27S; 176.29W, h0km, mb4.3/7, mb1 4.6/8, mb1mx4.3/41, mbtm4.3/68, ML4.7/1, Error ellipse: s-maj=36.8km s-min=21.9km az=133.0

ISC 10 04:18:25.7-0.7, 27.7S; 0.1x175.9W; 0.2, h35km, n20, r=195/23, mb4.3/8, Kermadec Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mina Array Bea, Ussuriysk Arr, etc.

IDC 10 04:23:24.6-0.7, 9.39S; 158.00E, h0km, mb4.5/13, mb1 4.7/14, mb1mx4.4/44, mbtm4.5/14, ML4.0/1, Error ellipse: s-maj=21.0km s-min=16.3km az=150.0

NEIC 10 04:23:26.8-2.3, 9.4S; 0.1x158.06E; 0.09, h10km, 1km, mb5.0/15, Error ellipse: s-maj=18.2km s-min=14.5km az=162.0

ISC 10 04:23:28.9-0.5, 9.45S; 0.08, 158.02E; 0.07, h27km, n46, r=181/46, mb4.8/21, Bougainville-Solomon Islands region

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

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

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

IDC 10 04:24:28.9-0.3, 9.28S; 157.85E, h0km, mb5.1/40, mb1 5.2/43, mb1mx5.2/46, mbtm5.1/43, ML4.6/3, MS5.6/9, Ms1 5.6/9, ms1mx5.3/35, Error ellipse: s-maj=11.7km s-min=10.7km az=65.0

MOS 10 04:24:30.8-1.0, 9.29S; 157.87E, h25km, mb5.5/31, Error ellipse: s-maj=7.3km s-min=6.4km az=95.1

BUI 10 04:24:31.6-0.0, 8.85S; 157.83E, h10km, mb6.2/33, mb5.3/55, Ms6.2/22, Ms7.5/22

NEIC 10 04:24:31.2-2.8, 9.30S; 0.08, 157.95E; 0.06, h10km, 1km, mb6.2/32, Mw6.5/9(GM/T), Error ellipse: s-maj=12.8km s-min=9.2km az=186.0

NEIC 10 04:24:33.9; 9.33S; 157.87E; h10km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr:0.62; Ms:1.66; Mw:2.29; Mx:1.08; My:0.93; Mz:1.33; Fault plane solution: Mb:8.32000x10^17 NP1: phi=187.00000, lambda=200.00000, NP2: phi=277.00000, lambda=89.00000, NP3: phi=179.00000, lambda=179.00000. Principal axes: T 7.9983, Plg6.00000, Azm142.00000; N 0.6093, Plg62.00000, Azm283.00000; P -8.6076, Plg5.00000, Azm52.00000;

GCMT 10 04:24:34.2-0.2, 9.31S; 0.01, 157.87E; 0.01, h12km, 1km, MW5.9/138, Moment Tensor Solution. s6C7, s138, c314; Duration: 2s1 Moment tensor: Scale 10^17Nm; Mr:0.80; Ms:1.5; Mw:1.38; Mx:1.4; My:2.18; Mz:1.43; Fault plane solution: Mb:8.692x10^17 NP1: phi=186.00000, lambda=200.00000, NP2: phi=277.00000, lambda=81.00000, NP3: phi=171.00000, lambda=172.00000. Principal axes: T 7.9690, Plg14.00000, Azm142.00000; N 0.3300, Plg75.00000, Azm314.00000; P -8.3030, Plg2.00000, Azm51.00000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

ISC 10 04:24:33.0-0.2, 9.31S; 0.04, 157.94E; 0.04, h27km, n738,

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

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

10d 4h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like YAK, YAK, YAK, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MAW, MAW, MAW, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like WDC, YBH, I03D, etc.

PFO	comp=Z,50nm,1.4s	91.45 56 P	P	04 37 38.4 +0.7
PFO	comp=Z,11nm,1.2s,baz=268,slow=3.2,SNR=6.7	91.45 56 P	P	04 37 37.9 +0.2
AAK	Ala-Archa	91.45 313 P	P	04 37 36.9 -0.6
AAK	Ala-Archa	91.45 313(e)P	P	04 37 37.8 +0.3
AAK	comp=Z,97nm,2.1s	91.45 313 P	Pmax	04 37 37.6 0.0
TPFO	Pinon Flats	91.45 56 P	P	04 37 37.9 +0.2
GSC	Goldstone, Bar	91.47 55 P	P	04 37 37.7 0.0
SGDS	Sogindy	91.51 314 eP	P	04 37 35.6 -2.0
HAWP	Hanford	91.55 43 P	P	04 37 38.1 +0.5
USPO	Ospenovka	91.57 313 P	P	04 37 37.9 0.0
IKP	In-Ko-Pah, Jac	91.57 57 P	P	04 37 39.1 +0.9
FURC	Furnace Creek, baz=260	91.63 53 P	P	04 37 38.0 -0.3
J08A	Circle Bar Ran	91.69 46 Iamb	Iamb	04 37 50.3
G08A	Pilot Rock	91.72 45 Iamb	Iamb	04 37 49.5
HEC	Hector, Ludlow	91.76 55 P	P	04 37 38.0 -1.0
NR1K	Noril'sk	91.87 340(e)P	Pmax	04 37 36.9 -1.7
SWSC	Sam W Stewart	91.88 57 P	P	04 37 41.1 +1.6
BELC	Belle Mtn, Jos	91.89 56 P	P	04 37 40.2 +0.4
AHL	Almayashu	91.94 312 P	P	04 37 41.2 +1.1
SMC	Shoshone, Teco	92.00 54 P	P	04 37 40.4 +0.4
BMN	Battle Mountain	92.06 50 Iamb	Iamb	04 37 45.8
TPNV	Topopah Spring	92.20 53 Iamb	Iamb	04 37 46.4
TPNV	Topopah Spring	92.20 53 P	P	04 37 40.9 -0.2
TUW	Turquoise Moun	92.20 55 P	P	04 37 40.8 -0.3
BTLS	Baital	92.23 315 eP	P	04 37 39.1 -1.7
BTLS	Baital	92.23 315 eP	P	04 37 39.1 -1.7
GMRC	Granite Mounta	92.30 55 P	P	04 37 40.5 -1.1
E09A	Wood Farm, Sta	92.52 43 P	Iamb	04 37 42.4 +0.3
IRM	Iron Mountain	92.62 56 P	P	04 37 42.5 -0.4
GLA	Glamis	92.70 57 P	P	04 37 44.3 +0.9
BMO	Blue Mountains	92.79 45 Iamb	Iamb	04 37 53.7
R11A	Troy Canyon, C	92.95 52 Iamb	Iamb	04 37 56.9
R11A	Troy Canyon, C	92.95 52 P	P	04 37 44.6 0.0
F10A	Beach Ranch, E	93.04 44 Iamb	Iamb	04 37 55.7
NEE2	Needles Airpor	93.15 55 P	P	04 37 44.7 -0.7
PDMC1	Parker Dam, Lak	93.46 56 P	P	04 37 47.1 +0.4
NEW	Newport	93.51 42 P	P	04 37 47.4 +0.6
NEW	Newport	93.51 42 P	P	04 37 47.0 +0.2
MFID	Camas Ranch	93.60 47 Iamb	Iamb	04 37 59.5
BTK	Batken	93.72 310 P	Pmax	04 37 47.3 -0.7
BTK	Batken	93.72 310 P	Pmax	04 37 47.3 -0.7
BTK	Batken	93.72 310 P	P	04 37 47.3 -0.7
DZA	Taraz	93.79 313 eP	P	04 37 46.8 -1.4
DZA	Taraz	93.79 313 eP	P	04 37 46.7 -1.4
214A	Organ Pipe Nat	94.22 58 P	P	04 37 50.1 -0.3
KKAR	Kararat Array	94.41 313 P	Pmax	04 37 49.4 -1.6
KKAR	Kararat Array	94.41 313 P	Pmax	04 37 49.4 -1.6
HLID	Hailey	94.64 47 Iamb	Iamb	04 38 04.3
HLID	Hailey	94.64 47 P	P	04 37 52.3 +0.1
BGU	Big Grassy Mou	95.29 50 Iamb	Iamb	04 38 07.3
DUG	Dugway, Tooele	95.35 50 Iamb	Iamb	04 38 00.7
DUG	Dugway, Tooele	95.35 50 P	P	04 37 57.0 +1.5
HSIG	Haystack	95.41 62 Iamb	Iamb	04 38 08.1
MSO	Missoula	95.42 44 P	P	04 37 56.0 +0.3
WUAZ	Wupatki	95.88 55 P	P	04 37 58.5 +0.4
BRVK	Borovoye Array	95.89 323 P	P	04 37 55.9 -1.6
BRVK	Borovoye	95.95 323(e)P	Pmax	04 37 56.5 -1.3
BRVK	Borovoye	95.95 323 P	P	04 37 55.7 -2.0
TUC	Tucson	95.97 58 P	P	04 37 58.9 +0.4
MPU	Maple Canyon	96.23 51 Iamb	Iamb	04 38 11.9
BOZ	Bozeman (W)	96.87 45 P	P	04 38 02.4 +0.1
YKA	Yellowknife Ar	97.00 28 P	P	04 38 01.9 -0.4
YKA	comp=Z,6.5nm,1.2s,baz=253,slow=7.3,SNR=4.1	97.00 28 PP	PP	04 41 56.8 -1.4
W17A	Petrified Fore	97.17 56 P	P	04 38 03.5 -0.5
H18A	Grand Village	97.49 46 P	P	04 38 05.2 -0.1
BW06	Boulder Array	98.07 48 P	P	04 38 07.5 -0.4
PDAR	Pinedale Array	98.07 48 P	P	04 38 07.8 -0.2
PDAR	comp=Z,1.9nm,0.9s,baz=256,slow=3.1,SNR=7.4	98.07 48 PP	PP	04 42 05.5 -2.2
SNAE	Sanae	98.19 186 P	P	04 38 09.5 +1.8
SNAE	Sanae	98.19 186 P	P	04 38 07.2 -0.4
TXAR	Lajitas Array	101.77 62 P	P	04 38 27.6 +3.0
TXAR	comp=Z,8.2nm,1.1s,baz=163,slow=1.3,SNR=8.5	101.77 62 PP	PP	04 42 35.9 +0.3
TXAR	comp=Z,3.2nm,1.0s,baz=318,slow=1.2,SNR=4.6	101.77 62 P	P	04 54 26.7 -4.4
MAK	Makhachkala	111.23 312 eP	P	04 38 55.7 -1.0
MAK	Makhachkala	111.23 312 eP	P	04 42 59.7
APA	Apatity	111.29 340(e)P	Pmax	04 42 58.3 -5.9
ARCES	ARCCESS Array B	112.62 344 PKIKP	PKIKP	04 43 07.7 +0.9
ARCES	ARCCESS Array B	112.62 344 PKIKP	PKIKP	04 53 56.0 -2.2
OBN	Obninsk	115.26 327 ePKIKP	PKIKP	04 43 11.4 -0.7
OBN	Obninsk	115.26 327 ePKIKP	PKIKP	04 46 35.9
OBN	Obninsk	115.26 327 ePKIKP	PKIKP	04 43 15.7 -0.1
FINES	Fines Array B	117.22 336 PKP	PKP	04 44 28.0 +1.9
FINES	comp=Z,4.3nm,0.9s,baz=108,slow=6.2,SNR=6.6	117.22 336 PKP	PKP	04 44 28.0 +1.9
VSU	Vasula	118.58 333(e)PKIKP	PKIKP	04 43 18.9 +0.4
RAF	Rauma	119.15 337 eP	P	04 43 18.9 -0.6

MTSE	Matsula	119.71 334 eP	PKP	04 43 20.0 -0.6
IDID	Didziasalis	120.23 300 eP	PKIKP	04 43 22.4 +0.6
IIGN	Ignalina	120.47 330 eP	PKIKP	04 43 22.4 +0.1
AKASG	Main Array Ba	121.10 325 PKP	PKP	04 43 22.5 -1.0
AKASG	comp=Z,5.5nm,0.8s,baz=59,slow=2.4,SNR=11	121.10 325 PKP	PKP	04 44 51.2 -2.1
AKASG	Main Array Ba	121.10 325 PKP	PKP	04 43 22.4 -1.2
AKAB	Main Array S1	121.10 325(e)PKIKP	PKIKP	04 43 22.3 -1.2
PBDE	Pabzare	121.47 331 eP	PKIKP	04 43 24.4 +0.2
BR13	Beskin Array S	122.09 311 PKIKP	PKIKP	04 43 22.7 -3.3
BR13	Beskin Array S	122.09 311 PKP	PKP	04 43 22.7 -3.3
BRTR	Keskin Array B	122.09 311 PKP	PKP	04 43 24.0 -2.0
BRTR	comp=Z,3.1nm,0.9s,baz=173,slow=2.3,SNR=5.6	122.09 311 PKP	PKP	04 45 00.7 -0.1
BRTR	comp=Z,2.5nm,0.9s,baz=141,slow=4.7,SNR=6.6	122.09 311 PKP	PKP	04 45 00.7 -0.1
BRTR	comp=Z,2.5nm,0.7s,baz=300,slow=5.8,SNR=2.1	122.09 311 PKP	PKP	04 53 21.1 -1.8
PBUR	Pabgore	122.12 333 eP	PKIKP	04 43 25.9 +0.4
SUW	Suwilki	122.67 330 eP	PKP	04 43 26.4 -0.1
HFS	Hafors	122.69 340 PKP	PKP	04 43 26.3 0.0
NORSAR	Subarray 122.82 341 PKP	PKP	04 43 25.9 -0.7	
NOA	comp=Z,5.8nm,1.1s,baz=39,slow=1.9	122.82 341 PKP	PKP	04 43 26.5 -0.1
KIS	Kishinev	122.92 321 ePKP	PKIKP	04 43 31.0 +3.6
KIS	Kishinev	122.92 321 ePP	PKP	04 45 19.0 +1.3
KIS	Kishinev	122.92 321 eLR	LR	05 35 57.0
KIS	Kishinev	122.92 321 ePKIKP	PKIKP	04 43 31.0 +3.6
KIS	Kishinev	122.92 321 eMLR	MLR	04 43 28.8 +0.4
EIL	Eilat	123.15 299 PKP	PKIKP	04 43 30.8 -1.3
MLR	Muntele Ros	125.36 320 PKP	PKP	04 43 30.8 -1.3
KOLS	Kolonicki sedl	125.90 325 ePKIKP	PKIKP	04 43 34.3 +1.0
KOLS	Kolonicki sedl	125.90 325 ePKIKP	PKIKP	04 43 34.3 +1.0
UZH	Uzhgore	126.05 325 ePKIKP	PKIKP	04 43 36.3 +2.8
UZH	Uzhgore	126.05 325 ePKIKP	PKIKP	04 43 47.9
CRVS	Cervencia-Dubn	126.37 326 ePKIKP	PKIKP	04 43 35.2 +1.0
CRVS	Cervencia-Dubn	126.37 326 ePKP	PKP	04 43 35.2 +1.0
LANS	Liptovska Anna	127.37 327 ePKIKP	PKIKP	04 43 37.3 +1.1
LANS	Liptovska Anna	127.37 327 ePKIKP	PKIKP	04 43 37.3 +1.1
LPAZ	La Paz	127.79 119 P	P	04 43 17.5 -1.1
LPAZ	comp=Z,0.8nm,0.8s,baz=241,slow=13,SNR=1.1	127.79 119 P	P	04 43 36.8 -1.4
MORC	Moravy Berou	127.98 328 ePKP	PKP	04 43 36.9 0.0
MORC	Moravy Berou	127.98 328 ePKP	PKP	04 43 36.9 0.0
ROSC	El Rosal	127.98 91 PKP	PKP	04 43 37.7 +0.3
ROSC	comp=Z,4.7nm,0.6s,baz=270,slow=11,SNR=1.9	127.98 91 PKP	PKP	04 43 38.0 -0.1
VYHS	Vyhne	128.04 326 ePKIKP	PKIKP	04 43 38.9 +1.3
VYHS	Vyhne	128.04 326 ePKP	PKP	04 43 38.9 +1.3
OSTC	Ostas	128.17 300 ePKPDF	PKPDF	04 43 38.5 +0.7
KRAIKY	Kraikly	128.18 329 ePKIKP	PKIKP	04 43 38.3 +0.5
KRLC	Kraikly	128.18 329 ePKPDF	PKPDF	04 43 38.3 +0.5
DOB	Dobrucka-Polom	128.25 330 ePKPDF	PKPDF	04 43 37.4 +0.1
UPC	Upice	128.30 330 ePKIKP	PKIKP	04 43 37.1 -0.1
JAVC	Velka Javorina	128.46 327 ePKP	PKP	04 43 32.2 -5.2
VRAC	Vranov	128.75 328 PKP	PKP	04 43 39.9 +1.5
VRAC	comp=Z,1.9nm,0.3s,baz=117,slow=12,SNR=3.0	128.75 328 PKP	PKP	04 43 38.7 -0.3
VRAC	comp=Z,1.9nm,0.3s,baz=117,slow=12,SNR=3.0	128.75 328 PKP	PKP	04 43 39.1 +0.1
MODS	Modra-Piesok	128.96 327 ePKIKP	PKIKP	04 43 41.3 +1.9
MODS	Modra-Piesok	128.96 327 ePKP	PKP	04 43 41.3 +1.9
KRUC	Krakovsky	129.01 328 ePKP	PKP	04 43 39.7 +0.2
BRG	Bergshubel	129.06 331 ePKP	PKP	04 43 40.3 +0.8
BRG	Bergshubel	129.06 331 ePKP	PKP	04 43 41.3
BRG	Bergshubel	129.06 331 P	P	04 43 47.8 +8.1
BRG	Bergshubel	129.06 331 P	P	04 43 49.2
CLL	Collm	129.21 332 ePKP	PKP	04 43 39.0 -0.1
CLL	Collm	129.21 332 ePKP	PKP	04 43 39.0 -0.1
CLL	Collm	129.21 332 ePKP	PKP	04 44 32.0
CLL	Collm	129.21 332 ePKP	PKP	04 44 32.0
TREC	Trest	129.33 329 ePKIKP	PKIKP	04 43 40.7 +0.6
TREC	Trest	129.33 329 ePKPDF	PKPDF	04 43 40.7 +0.6
PRU	Pruhonice	129.36 330 ePKIKP	PKIKP	04 43 40.6 +0.5
PRU	Pruhonice	129.36 330 ePKPDF	PKPDF	04 43 40.6 +0.5
DIVS	Dvibrav	129.75 321 PKP	PKP	04 43 40.3 -0.2
CONA	Conrad Observa	129.98 327 eP	P	04 43 41.1 +0.3
IDI	Anoyia	130.06 309 PKP	PKP	04 43 41.5 +0.2
NKC	Novy Kostel	130.20 332 ePKIKP	PKIKP	04 43 42.6 +0.7
NKC	Novy Kostel	130.20 332 ePKPDF	PKPDF	04 43 42.6 +0.7
CKRC	Cesky Krumlov	130.23 329 ePKPDF	PKPDF	04 43 42.6 +0.6
KHC	Kasperske Hory	130.39 330 ePKIKP	PKIKP	04 43 41.5 0.0
KHC	Kasperske Hory	130.39 330 ePKPDF	PKPDF	04 43 41.5 0.0
GERES	GERESS Array B	130.52 329 PKP	PKP	04 43 43.0 +0.4
GERES	comp=Z,2.1nm,0.8s,baz=71,slow=2.1,SNR=5.6	130.52 329 PKP	PKP	04 43 43.0 +0.4
CPUP	Villa Florida	130.72 137 PKP	PKP	04 43 42.3 -0.4
CPUP	comp=Z,5.7nm,1.1s,baz=285,slow=5.1,SNR=2.9	130.72 137 PKP	PKP	04 43 42.3 -0.4
GRF	Grafenberg Arr	131.15 332 ePKP	PKP	04 43 44.6 -0.8
GRF	baz=46,slow=1.7	131.15 332 ePKP	PKP	04 43 44.6 -0.8
SOKA	Sotho	131.19 327 eP	PKIKP	04 43 43.8 -0.3
EKA	Eskdalemuir Ar	131.71 346 PKP	PKP	04 43 43.0 -0.6
EKA	comp=Z,8.5nm,1.1s	131.71 346 PKP	PKP	04 43 43.0 -0.6
TSUM	Tsune	131.74 234 P	P	04 40 36.1 -2.0
TSUM	comp=Z,0.8nm,0.3s,baz=172,slow=7.1,SNR=1.6	131.74 234 P	P	04 43 44.9 -0.9
SDV	Santo Domingo	132.06 36 ePKP	PKP	04 43 45.4 -0.9
SDV	comp=Z,4nm,0.3s,baz=290,slow=6.8,SNR=1.4	132.06 36 ePKP	PKP	04 43 45.4 -0.9
ABTA	Abtaltersbach	132.49 328 eP	PKP	04 43 44.9 -0.1
WTTA	Wattenberg	132.60 329 eP	PKIKP	04 43 46.7 -0.3
MEM	Membr	132.75 336 ePKIKP	PKIKP	04 43 47.6 +0.7
MOTA	Moosalm	132.82 330 PKP	PKP	04 43 45.6 -0.6
SQTA	Sanct Quirin	132.85 329 eP	PKIKP	04 43 47.2 -0.2
FETA	Feichten	133.22 329 eP	PKP	04 43 46.0 -1.1
WLF	Walferdang	133.41 335 ePKIKP	PKIKP	04 43 49.1 +0.8
DAVA	Damuelts	133.46 330 eP	PKP	04 43 47.8 +0.3
BMRD	Mareduous	133.48 336 ePKIKP	PKIKP	04 43 48.6 +0.2
DAVOX	Davos/Dischmat	133.81 330 PKP	PKP	04 43 46.2 -2.0
PTGA	Pittinga	140.95 103 PKP	PKP	04 44 00.8 -1.3
PTGA	comp=Z,3.6nm,0.7s,baz=233,slow=4.8,SNR=2.0	140.95 103 PKP	PKP	04 44 00.8 -1.3
BDFB	Brasilia	144.29 134 PKP	PKP	04 44 06.4 +0.1
BDFB	Brasilia	144.29 134 PKP	PKP	04 44 06.0 +0.1
BDFB	Brasilia	144.29 134 PKP	PKP	04 44 06.0 +0.1
PRBG	Prague	144.93 340 PKP	PKP	04 44 13.7 +1.5
PGAV	Gaviera, Arco	145.28 342 ePKP		

Table with columns for call sign, frequency, power, and other technical details. Includes entries like HHC, XAN, XNI, XNR, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like USRK, USRX, GNI, GNR, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like RDOG, TULEG, TOLK, TOLK, etc.

STKA	comp=Z,1.9nm,0.6s,baz=330,slow=23,SNR=1.6	S	S	07 57 04.2	-14
STKA	comp=Z,1um,20.9s,baz=75,slow=32	LR	LR	08 05 33.2	
STKA	Stephs Creek	P	P	07 51 12.7	-1.2
MANU	Manus Island	40.85 291	IAMB	07 51 14.9	+0.3
MANU	comp=Z,204nm,1.1s	IAMB	IAMB	07 51 17.9	-0.8
ARPS	Mount Arapiles	41.39 236	P	07 51 27.7	-1.5
QIS	Mount Isa	42.65 261	P	07 51 33.0	+0.4
KHU	Kahuku	43.04 27	P	07 51 33.0	+0.4
KHU	comp=Z,1um,2.3s	P	Pmax	07 51 33.0	+0.4
KHU	Kahuku	43.04 27	P	07 51 34.1	+0.2
KHLU	Kahaluu	43.23 27	IAMB	07 51 34.1	
KHLU	comp=Z,165nm,0.9s	IAMB	IAMB	07 51 35.1	+0.2
HUH	Hualalai	43.34 27	P	07 51 35.1	+0.2
HUH	comp=Z,137nm,0.8s	IAMB	IAMB	07 51 35.1	+0.2
HMH	Humu'ula Sheep	43.41 27	P	07 51 36.6	+1.0
POHA	Pohakuloa	43.53 27	P	07 51 35.0	-1.4
POHA	comp=Z,158nm,0.8s	IAMB	IAMB	07 51 37.1	
HPAH	Hawaii Prepara	43.70 27	P	07 51 37.6	-0.1
WMR	Waimanalo Ridg	44.08 23	P	07 51 40.6	+0.1
BBOO	Buckleboo	45.54 243	P	07 51 50.4	-1.7
BBOO	comp=Z,49,SNR=29	P	P	07 51 50.4	-1.7
BBOO	Buckleboo	45.54 243	IAMB	07 51 50.4	-1.7
BBOO	comp=Z,63nm,0.9s	IAMB	IAMB	07 52 06.3	0.0
GENI	Genyem	47.06 285	P	07 52 04.3	0.0
WR0	Warrungarra Arr	47.44 261	P	07 52 05.8	-1.4
WR0	comp=Z,64nm,0.6s	IAMB	IAMB	07 52 07.1	
AS31	Alice Springs	47.57 256	P	07 52 06.2	-2.0
AS31	comp=Z,33nm,0.6s	IAMB	IAMB	07 52 09.6	
ASAR	Alice Springs	47.57 256	P	07 52 06.9	-1.3
ASAR	comp=Z,120nm,0.7s,baz=79,slow=7,SNR=310	PcP	PcP	07 53 07.1	+0.4
ASAR	comp=Z,39nm,0.6s,baz=104,slow=4,SNR=11	ScP	ScP	07 57 23.0	+0.6
ASAR	comp=Z,2.2nm,0.6s,baz=100,slow=4.5,SNR=5.4	S	S	07 58 49.9	-6.6
ASAR	comp=Z,4.5nm,0.8s,baz=99,slow=16,SNR=8.4	PKIKP	PKIKP	08 00 27.1	-1.8
ASAR	comp=Z,0.5nm,0.7s,baz=108,slow=1.4,SNR=4.2	PKIKP	PKIKP	08 00 27.1	-1.8
ASAR	comp=Z,2um,18.8s,baz=97,slow=34	LR	LR	08 10 54.1	
ASAR	Alice Springs	47.57 256	P	07 52 06.7	-1.5
ASPA	Alice Springs	47.57 256	P	07 52 06.8	-1.4
WC3	Warrungarra Arr	47.59 261	IAMS_20	08 11 10.5	
WB0	Warrungarra Arr	47.60 261	P	07 52 06.4	-2.1
WB0	comp=Z,1um,19.0s	IAMS_20	IAMS_20	08 10 57.5	
WC2	Warrungarra Arr	47.61 261	IAMS_20	08 09 18.8	
WC8	Warrungarra Arr	47.61 261	IAMS_20	08 10 49.6	
WB9	Warrungarra Arr	47.61 261	IAMS_20	08 12 21.7	
WB2	Warrungarra Arr	47.62 261	P	07 52 06.2	-2.4
WB2	Warrungarra Arr	47.62 261	IAMB	07 52 06.5	-2.1
WB2	comp=Z,86nm,0.7s	IAMB	IAMB	07 52 11.4	
WB1	Warrungarra Arr	47.62 261	IAMS_20	08 10 59.2	
WRAB	Tennant Creek	47.62 261	Pmax	07 52 06.8	-1.8
WRAB	comp=Z,70nm,0.6s	Pmax	Pmax	07 52 06.8	-1.8
WRAB	Tennant Creek	47.62 261	P	07 52 06.5	-2.1
WRAB	comp=Z,2um,21.0s	IAMS_20	IAMS_20	08 09 26.1	
WRA	Warrungarra Arr	47.63 261	P	07 52 06.9	-1.8
WRA	comp=Z,81nm,0.5s,baz=187,slow=7,SNR=565	PcP	PcP	07 53 37.3	+0.3
WRA	comp=Z,30nm,0.7s,baz=98,slow=3.4,SNR=6.1	S	S	07 57 24.4	+1.8
WRA	comp=Z,4.2nm,0.9s,baz=94,slow=4.1,SNR=5.4	S	S	07 58 53.5	-3.9
WRA	comp=Z,2.9nm,0.9s,baz=104,slow=12,SNR=5.4	PKIKP	PKIKP	08 00 28.1	-0.8
WRA	comp=Z,1.8nm,1.1s,baz=53,slow=0.8,SNR=4.8	LR	LR	08 11 09.9	
WRA	comp=Z,1um,18.6s,baz=105,slow=35	LR	LR	08 11 09.9	
WRA	Warrungarra Arr	47.63 261	P	07 52 06.1	-2.6
MIDW	Kakaia	50.88 269	P	07 52 08.1	-1.4
KDU	Guam	51.60 307	P	07 52 37.6	-1.1
GUMO	Guam	51.60 307	P	07 52 38.8	+0.1
GUMO	comp=Z,110nm,0.8s,baz=187,slow=12,SNR=7.2	P	Pmax	07 52 38.8	+0.1
GUMO	comp=Z,175nm,1.1s	Pmax	Pmax	07 52 38.8	+0.1
GUMO	Guam	51.60 307	P	07 52 38.8	+0.1
MTN	Manton Dam	52.10 269	P	07 52 40.8	-1.8
MTN	Manton Dam	52.10 269	P	07 52 40.8	-1.8
MTN	comp=Z,52,SNR=89	IAMS_20	IAMS_20	08 12 37.9	
FORT	Forrest	52.31 246	P	07 52 42.1	-1.8
FORT	Forrest	52.31 246	P	07 52 42.3	-1.6
FORT	comp=Z,70nm,0.6s	IAMB	IAMB	07 52 47.3	
WRKA	Warakona	52.52 253	P	07 52 43.9	-1.7
KNRA	Kununurra	53.65 265	P	07 52 52.6	-1.3
KNRA	comp=Z,54,SNR=99	P	P	07 52 52.6	-1.3
KNRA	Kununurra	53.65 265	P	07 52 52.4	-1.6
FAKI	Fak Fak	54.12 279	P	07 52 56.8	-1.2
FAKI	Fak Fak	54.20 281	P	07 52 56.8	-1.2
SJJI	Sorong	55.89 283	P	07 53 08.8	-1.4
SJJI	comp=Z,346nm,0.8s,baz=82,slow=5.1,SNR=38	P	P	07 53 09.2	-1.2
SJJI	Sorong	55.89 283	P	07 53 09.0	-1.0
SWI	Sorong	55.90 283	P	07 53 10.2	0.0
MSAI	Masoli	57.12 279	P	07 53 18.2	-0.8
KRAI	Karang Ratu	57.63 279	P	07 53 22.4	-0.1
SBA	Scott Base	58.91 184	P	07 53 32.5	+2.1
SBA	comp=Z,71nm,1.0s	Pmax	Pmax	07 53 32.5	+2.1
SBA	Scott Base	58.91 184	P	07 53 32.5	+2.1
SBA	comp=Z,71nm,0.9s	IAMB	IAMB	07 53 37.6	
VNDA	Vanda	59.01 186	P	07 53 33.6	+2.5
VNDA	comp=Z,25nm,0.8s,baz=3.7,slow=6.7,SNR=117	PKIKP	PKIKP	08 00 41.4	+1.3
VNDA	Vanda	59.01 186	P	07 53 33.5	+2.5
VNDA	comp=Z,1.6nm,0.6s,baz=113,slow=8.8,SNR=4.3	IAMB	IAMB	07 53 33.5	+2.5
SOEI	Soe	59.42 270	P	07 53 35.0	-0.1
SOEI	comp=Z,933nm,22.0s	IAMS_20	IAMS_20	08 16 17.8	
SOEI	Soe	59.42 270	P	07 53 36.0	+0.9
LBMI	Labuha	59.45 281	P	07 53 34.4	-0.8
BATI	Baumata	59.86 269	P	07 53 38.0	0.0
BATI	comp=Z,30nm,0.6s,baz=256,slow=3.4,SNR=8.7	P	P	07 53 37.3	-0.7
BATI	Baumata	59.86 269	P	07 53 37.3	-0.7
TNTI	Ternate	60.12 283	P	07 53 39.2	-0.5
TNTI	comp=Z,1um,comp=Z,87nm,0.8s	P	P	07 53 39.2	-0.5
TNTI	Ternate	60.12 283	P	07 53 38.1	-1.6
GAMI	Galela, Maluku	60.15 284	P	07 53 38.7	-1.3
SANI	Sanana	60.33 279	P	07 53 39.8	-1.4
PSA00	Pilbara Seismi	60.72 256	P	07 53 42.0	-1.7
PSA00	Pilbara Seismi	60.72 256	P	07 53 42.2	-1.5
PSA00	comp=Z,57nm,0.8s	IAMB	IAMB	07 53 43.5	
MEEK	Meekatharra	60.96 250	P	07 53 43.4	-2.0

KLBR	Kellerberrin	61.06 244	P	07 53 44.2	-1.7
NWAO	Narrogin (S9)	61.36 243	P	07 53 46.8	-1.2
MMRI	Maurer	61.67 271	P	07 53 49.7	-0.5
MMRI	Maurer	61.67 271	P	07 53 50.0	-0.2
BLDU	Ballidu	62.07 245	P	07 53 51.2	-1.5
EDFI	Ende, Flores	62.15 270	P	07 53 51.7	-1.9
MUN	Mundaring	62.33 244	P	07 53 53.2	-1.2
MNI	Mandi	62.70 282	P	07 53 56.3	-0.9
MORW	Morawa	62.85 247	P	07 53 56.6	-1.3
MORW	Morawa	62.85 247	P	07 53 56.7	-1.3
MORW	comp=Z,112nm,1.6s	IAMB	IAMB	07 53 58.1	
KMSI	Cibinong	63.16 281	P	07 53 59.5	-0.7
LUWI	Luwuk	63.69 279	P	07 54 03.9	+0.2
WBSI	Waikabubak, Su	64.05 269	P	07 54 05.3	-0.8
BKSI	Bulukamba	64.70 273	P	07 54 08.8	-1.5
APSI	Ampang	64.78 274	P	07 54 09.9	-0.9
MRSI	Marisa	65.02 280	P	07 54 11.0	-1.3
BNSI	Bone	65.02 274	P	07 54 10.5	-1.9
KAPI	Kappang	65.15 274	P	07 54 11.0	-1.3
GIRL	Giralia	65.60 253	P	07 54 16.2	+0.2
GIRL	Giralia	65.60 253	P	07 54 16.2	+0.2
PLAI	Plampang	65.81 269	P	07 54 15.6	-1.9
CASY	Casey	65.96 205	P	07 54 18.6	+1.0
TOLJ	Tolitoli	66.53 280	P	07 54 18.2	-2.2
TWSI	Taliwang, Sumb	66.68 269	P	07 54 21.2	-1.9
MPSI	Mapaga	66.86 279	P	07 54 22.4	-1.8
JHJ	Hachiji jima	68.04 320	P	07 54 30.7	-0.5
SRBI	Singaraja	68.45 269	P	07 54 33.2	-1.0
KBKI	Kotabaru	68.69 274	P	07 54 36.6	-1.5
JAGI	Jajag, Banyuw	69.34 268	P	07 54 38.3	-1.4
JYT	Yasato	69.97 323	P	07 54 43.3	+0.3
BBKI	Banjar Baru	70.28 273	P	07 54 45.1	-0.4
QSPA	South Pole Qui	70.40 180	S	08 03 53.5	+3.2
QSPA	South Pole Qui	70.40 180	P	07 54 47.1	+1.6
QSPA	comp=Z,97nm,0.8s	IAMB	IAMB	07 54 48.2	
AMKA	Amchitka	70.79 324	P	07 54 47.3	-0.7
KRKI	Karangate	71.03 268	P	07 54 48.1	-0.4
MTKI	Mura Tawah, K	71.08 276	P	07 54 49.1	-1.3
JGF	Kuroka	71.20 320	P	07 54 50.6	0.0
INU	Inuyama	71.24 320	P	07 54 51.2	+0.4
INU	comp=Z,44nm,0.9s	IAMB	IAMB	07 54 56.9	
KIWB	Kanaga Island	71.24 359	P	07 54 50.3	-0.1
ADK	Adak	71.26 359	P	07 54 50.0	-0.5
ADK	comp=Z,91nm,0.9s	Pmax	Pmax	07 54 50.0	-0.5
ADK	Adak	71.26 359	P	07 54 50.0	-0.5
ADK	comp=Z,91nm,0.8s	IAMB	IAMB	07 54 51.2	
MJAR	Matsushiro Arr	71.33 322	P	07 54 50.5	-0.8
MJAR	comp=Z,36nm,0.7s,baz=153,slow=5.9,SNR=74	LR	LR	08 20 13.5	
MJAR	comp=Z,196nm,21.5s,baz=160,slow=31	P	P	07 54 50.7	-0.7
MJAR	Matsushiro Arr	71.33 322	Pmax	07 54 50.7	-0.7
MJAR	comp=Z,64nm,1.1s	Pmax	Pmax	07 54 50.7	-0.7
MJAR	Matsushiro Arr	71.33 322	P	07 54 50.7	-0.7
MAJO	Matsushiro	71.34 322	P	07 54 51.2	-0.2
MAJO	comp=Z,81nm,1.0s	Pmax	Pmax	07 54 51.2	-0.2
MAJO	Matsushiro	71.34 322	P	07 54 51.2	-0.2
MAJO	comp=Z,80nm,1.0s	IAMB	IAMB	07 54 56.0	
MAT	Matsushiro	71.34 322	P	07 54 51.3	-0.1
MAT	comp=Z,80nm,1.0s	eS	eS	08 04 05.6	+3.9
GSTR	Great Sitkin T	71.46 359	P	07 54 51.6	-0.2
PKKI	Palangkaraya	71.51 274	P	07 54 53.0	+0.1
PWJI	Pagerwojo	71.68 268	P	07 54 53.6	-0.4
SJI	Savali	71.81 268	P	07 54 54.7	-0.1
JOW	Kunigami	71.93 308	P	07 54 55.9	+0.8
JOW	comp=Z,10nm,0.4s,baz=196,slow=12,SNR=4.8	P	P	07 54 56.0	+0.8
JOW	Kunigami	71.93 308	IAMB	07 54 56.5	
JOW	comp=Z,91nm,1.4s	IAMB	IAMB	07 54 56.5	
JMN	Monobe	72.14 317	P	07 54 57.0	+0.7
JWT	Wachi	72.18 319	P	07 54 56.4	0.0
JWT	comp=Z,116nm,1.2s	IAMB	IAMB	07 54 59.5	
PCJI	Pacitan	72.22 267	P	07 54 57.0	-0.2
JSD	Sado	72.33 323	P	07 54 58.1	+0.8
JSD	comp=Z,63nm,0.7s	IAMB	IAMB	07 54 58.7	
NIKH	Nikolski High	72.52 4	P	07 54 57.6	-0.5
NIKH	comp=Z,120nm,0.8s	IAMB	IAMB	07 54 58.5	
NIKH	Nikolski High	72.52 4	P	07 54 57.3	-0.7
ERM	Erimo	72.60 329	iP	07 54 58.6	-0.1
ERM	comp=Z,56nm,1.1s	Pmax	Pmax	07 54 58.6	-0.1
SMY	Shemya	72.73 353	P	07 54 58.6	-0.6
SMY	comp=Z,130nm,0.9s	Pmax	Pmax	07 54 58.6	-0.6
SMY	Shemya	72.73 353	P	07 54 58.6	-0.6
JTM	Tennabayanhi	72.75 326	P	07 55 00.3	+0.6
JTM	comp=Z,70nm,1.0s	IAMB	IAMB	07 55 01.1	
JTM	comp=Z,617nm,21.0s	IAMS_20	IAMS_20	08 20 31.0	
UGM	Wanagama	72.92 268	P	07 55 00.9	-0.5

10d 7h

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like PMR Palmer, F10A Beach Ranch, PLID Pearl Lake, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like MSO Missoula, SNOW Snow King Mtn, MNSI Mandailing Nat, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like ISCO Idaho Springs, BMBG Big Mountain, H24K Noodor Dome, etc.

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like RSSD Black Hills, Z35A Perchaven, San, X34A Smith Ranch, etc.

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like ZON Zonda, ORTG Ortega, TUL1 Leonard, BGNE Belgrade, etc.

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like GTA comp=Z,91nm,18.2s, GTA comp=Z,110nm,19.4s, etc.

Table with columns: Name, Date, Time, Status, and other identifiers. Includes entries like AKBAR, HRA, HAMF, BOSHA, BOSL, etc.

Table with columns: Name, Date, Time, Status, and other identifiers. Includes entries like BLEU, BSD, BSH, BSK, BSKB, etc.

Table with columns: Name, Date, Time, Status, and other identifiers. Includes entries like CLL, TLR, NIE, CANI, OSTC, etc.

TREC	Trest	149.30 347	ePKP2	PKIKP	08 03 20.0 -0.6	baz=10,slow=2.7	KCTX	Karacabay (Bur	151.41 321	P	PKPbc	08 03 24.5 -0.3
TRUC	Travsky	149.30 347	ePKP	PKIKP	08 03 20.0 -0.6		ISP	Isparata	151.46 315	P	PKPbc	08 03 24.4 -0.7
MRD	Moravsky	149.31 345	ePKP	PKPpdf	08 03 15.5 +0.5		BEHE	Bechseley	151.61 343	J/P	PKIKP	08 03 25.3 -0.1
BLA	Clavier	149.32 360	ePKPab	PKPab	08 03 24.2 0.0		ED	Edinac	151.64 323	P	PKPbc	08 03 24.6 -0.7
BGSA	Clavier	149.32 360	ePKPbc	PKPbc	08 03 24.2 0.0		ED	Edinac	151.65 322	P	PKPbc	08 03 24.5 -0.2
BGES	Gesves	149.35 0	ePKPab	PKPab	08 03 24.0 -0.4		GZVK	Gazikoy-Tekird	151.69 323	P	PKPbc	08 03 25.2 -0.1
BGES	Gesves	149.35 0	ePKPbc	PKPbc	08 03 19.7 +0.2		UBR	Uberuhur	151.77 353	ePKPpdf	PKPpdf	08 03 19.4 +0.4
DRGR	Houvezneq	149.35 356	PKP2	PKIKP	08 03 20.3 -0.5		UBR	baz=15,slow=1.6				
BHOU	Houvezneq	149.38 359	ePKPab	PKPab	08 03 24.9 +0.4			baz=10,slow=2.7		ePKPbc	PKIKP	08 03 25.8 0.0
BHOU	Houvezneq	149.38 359	ePKPbc	PKPbc	08 03 16.1 +1.0			baz=10,slow=2.7				
BHOU	Houvezneq	149.38 359	ePKPbc	PKPbc	08 03 24.2 -0.5		FRGY	Fruska Gora	151.81 338	J/P	PKPbc	08 03 25.3 -0.2
BHOU	Houvezneq	149.38 359	ePKPbc	PKPbc	08 03 22.1 +1.4		FRGY	Sarkoy-Tekirda	151.82 323	P	PKPbc	08 03 25.1 -0.6
PSZ	Piszkesteto	149.38 340	PKP2	PKIKP	08 03 20.6 -0.3		KBA	Koelnbrenser	151.85 348	P	PKPbc	08 03 25.5 -0.3
PSZ	Piszkesteto	149.38 340	PKP2	PKPbc	08 03 20.3 +0.5		SOKA	Sokolbin	151.86 345	I/P	PKPbc	08 03 25.7 0.0
TNS	Tausnu Mts	149.40 356	ePKPbc	PKPbc	08 03 20.4 -0.4		RETA	Reutte	151.88 352	eP	PKIKP	08 03 26.0 0.0
TNS	baz=10,slow=2.7							comp=2.36nm,0.6s,SNR=9.6				
								comp=2.28nm,0.6s,SNR=15				
RCY	Rachaya	149.41 303	eP	PKIKP	08 03 21.3 -0.1		PERS	Pernice	151.88 345	I/P	PKPpdf	08 03 17.0 -2.2
BHL	Bhannes	149.42 304	eP	PKPbc	08 03 20.4 0.0		PERS	Pernice	151.88 345	I/P	PKPbc	08 03 20.5 -0.7
EMRD	Maredsuous	149.43 0	ePKPab	PKPab	08 03 24.2 -0.5		WATA	Walderalm	151.91 351	I/P	PKPbc	08 03 34.3 -0.7
EMRD	Maredsuous	149.43 0	ePKPbc	PKPbc	08 03 19.5 -0.2							
ROTZ	Rotzenmuhle	149.44 351	ePKPpdf	PKPpdf	08 03 15.4 +0.1							
ROTZ	baz=15,slow=1.6											
VOIR	Deir Gamar	149.47 332	PKP2	PKPbc	08 03 20.1 0.0		MOTA	Moskovo	151.97 351	I/P	PKPbc	08 03 26.1 +0.1
DORL	Mudurnu	149.55 319	eP	PKPbc	08 03 21.1 +0.5		WRTA	Wattenberg	151.97 351	I/P	PKIKP	08 03 26.4 0.0
MDUB	Mudurnu	149.55 319	eP	PKPbc	08 03 20.4 -0.1		KORT	Korkuelt	152.00 323	P	PKPbc	08 03 25.9 -0.5
MDUB	Mudurnu	149.55 319	eP	PKPbc	08 03 21.0 +0.5		KALN	Kalki	152.01 343	P	PKPbc	08 03 25.3 -0.7
KIZK	Mersin	149.57 309	P	PKPbc	08 03 20.0 0.0		SOTA	Sant Quirin	152.07 351	I/P	PKIKP	08 03 27.7 +0.2
RCHB	Rochefort	149.58 360	ePKPbc	PKPbc	08 03 20.0 0.0		BALB	Balikesir	152.08 320	P	PKPbc	08 03 25.8 -0.5
DOU	Dourbes	149.64 1	ePKPab	PKPab	08 03 25.5 0.0		OBKA	Obir	152.13 346	I/P	PKPbc	08 03 26.1 -0.2
DOU	Dourbes	149.64 1	ePKPbc	PKPbc	08 03 20.6 +0.4		DAVA	Damuels	152.18 353	I/P	PKIKP	08 03 26.9 +0.1
DOU	Dourbes	149.64 1	ePKPbc	PKPbc	08 03 22.1 +0.9		ERIK	Erikil-Kesan	152.21 323	P	PKPbc	08 03 26.2 -0.3
GRA1	Grafenberg Arr	149.65 352	PKPpdf	PKPpdf	08 03 16.5 +0.9		MYKA	Terra Mystica	152.22 347	I/P	PKPbc	08 03 26.0 -0.5
GRA1	Grafenberg Arr	149.65 352	PKPab	PKPab	08 03 26.4 +0.7							
GRA1	Grafenberg Arr	149.65 352	PKP2	PKPab	08 03 26.4 +0.7		KULA	Kula-Munisa	152.28 318	P	PKPbc	08 03 26.7 -0.2
GRF	Grafenberg Arr	149.65 352	ePKPpdf	PKPpdf	08 03 16.4 +0.9		ABTA	Abfaltersbach	152.32 349	I/P	PKPbc	08 03 26.6 -0.1
GRF	baz=15,slow=1.6											
GRF	baz=10,slow=2.7						FETA	Feichten	152.34 352	I/P	PKIKP	08 03 27.4 +0.3
							PTJ	Puntjartika	152.35 344	P	PKPbc	08 03 26.7 -0.1
							Enez	Enez	152.36 324	P	PKPbc	08 03 26.1 -0.8
							MOSL	Moslavina	152.40 342	P	PKPbc	08 03 26.7 -0.2
							GELO	Geilob-Geilob	152.41 323	P	PKPbc	08 03 26.7 -0.2
							RDO	Rodolph	152.41 325	P	PKPbc	08 03 26.6 -0.4
							ZOU	Zouplian	152.42 348	PKPpdf	PKPpdf	08 03 19.9 -0.3
							TEKS	Tekeria	152.44 337	eP	PKPbc	08 03 26.3 -0.7
							LJU	Ljubljana	152.58 346	ePKPpdf	PKPpdf	08 03 20.1 0.0
							CRNS	Crni Vrh	152.60 346	I/P	PKPbc	08 03 27.0 -0.3
							DIVS	Divaribe	152.66 336	J/P	PKPbc	08 03 27.4 -0.2
							VISS	Vissalje	152.73 345	I/P	PKPbc	08 03 27.6 0.0
							OZLJ	Ozlj	152.75 344	P	PKPbc	08 03 27.4 -0.2
							STAL	STALIGIAL	152.76 348	P	PKPpdf	08 03 20.4 -0.1
							IRAF	Irak	152.76 348	P	PKPbc	08 03 27.8 -0.2
							MRAK	Mrakovica	152.90 341	J/P	PKPbc	08 03 27.8 -0.2
							AKAS	AKAS	152.91 313	P	PKPbc	08 03 27.8 -0.6
							DIK	Dikili	153.03 320	P	PKPbc	08 03 27.4 -1.0
							BLY	Banja Luka	153.05 341	J/P	PKIKP	08 03 28.2 -0.1
							TRI	Trieste	153.07 347	P	PKPbc	08 03 28.6 +0.2
							BBLs	Lazići	153.07 337	J/P	PKPbc	08 03 28.4 -0.1
							AYDB	Zaytinkoy-Aydi	153.11 317	J/P	PKPbc	08 03 28.8 0.0
							CTI	Castel Tesino	153.15 350	PKIKP	PKPpdf	08 03 21.2 +0.1
							CTI	Castel Tesino	153.15 350	PKPpdf	PKPpdf	08 03 21.2 +0.1
							CTI	Castel Tesino	153.15 350	PKPab	PKPab	08 03 21.2 +0.1
							RIY	Rijeka	153.27 345	P	PKPbc	08 03 28.7 0.0
							RUD	Rudo	153.30 337	eP	PKPbc	08 03 28.4 -0.5
							SENN	Len Sinin/Sane	153.32 357	P	PKIKP	08 03 30.2 +1.0
							SENN	Len Sinin/Sane	153.32 357	P	PKPab	08 03 31.8 +0.5
							MRK	Mrkonjic Grad	153.38 341	eP	PKPab	08 03 30.1 +0.7
							MLSB	Milas	153.56 316	P	PKPbc	08 03 29.6 -0.1
							UDBI	Udbina	153.67 343	P	PKIKP	08 03 29.9 0.0
							TEOL	Teolo	153.81 350	PKPpdf	PKPpdf	08 03 21.6 -0.3
							TEOL	Teolo	153.81 350	PKPab	PKPab	08 03 30.2 +0.2
							TEOL	Teolo	153.81 350	IAMS_20	IAMS_20	08 03 34.3 +0.2
							UPM	Unac-Piva	153.83 337	eP	PKPbc	08 03 29.1 -1.2
							NVOS	Novaja	153.88 344	P	PKPbc	08 03 29.9 -0.1
							CHOS	Chios Island	153.98 320	P	PKPbc	08 03 30.1 -0.5
							CHRI	Chios	154.01 323	P	PKPbc	08 03 30.1 -0.5
							RICI	Ricice	154.19 340	P	PKPbc	08 03 30.5 -0.3
							BRY	Bratogost	154.22 337	eP	PKPbc	08 03 30.5 -0.6
							MORI	Morici	154.30 342	P	PKPbc	08 03 30.9 0.0
							PDG	Podgorica	154.35 335	eP	PKIKP	08 03 31.4 +0.2
							PDG	Podgorica	154.35 335	P	PKPbc	08 03 31.1 -0.0
							PDG	Podgorica	154.35 335	PKPab	PKPab	08 03 31.5 +0.1
							DUGI	Dugi Otok	154.36 343	P	PKPbc	08 03 31.0 -0.1
							PUK	Puka	154.42 334	PKPpdf	PKPpdf	08 03 20.6 -2.4
							PUK	Puka	154.42 334	PKPbc	PKPbc	08 03 31.8 +0.3
							TRUK	Trebinje	154.46 337	eP	PKPab	08 03 45.0 -0.9
							SSB	Saint Sauveur	154.46 337	eP	PKPbc	08 04 22.4 +1.0
							SSB	Saint Sauveur	154.46 337	PKPab	PKPab	08 03 46.5 +0.6
							SJB	Zirje	154.51 342	P	PKPbc	08 03 31.1 -0.3
							STON	Ston	154.55 338	eP	PKPbc	08 03 29.2 -2.3
							HCY	Herceg Novi	154.63 336	eP	PKPbc	08 03 30.9 -0.9
							BNI	Bardonecchia	154.66 357	PKIKP	PKPbc	08 03 45.8 +1.3
							BNI	Bardonecchia	154.66 357	PKPab	PKPab	08 03 22.3 -1.1
							BNI	Bardonecchia	154.66 357	PKPbc	PKPbc	08 03 33.2 +1.3
							BNI	Bardonecchia	154.66 357	PKPbc	PKPbc	08 03 47.5 +0.6
							FNA	Florina	154.78 330	eP	PKIKP	08 03 32.5 +0.3
							PCAB	Panajira, Arco	155.24 304	ePKPab	PKPab	08 03 32.7 -0.6
							PCAB	Cabril	155.25 324	ePKPab	PKPab	08 03 30.8 +0.9
							AGG	Agios Georgios	155.65 326	PKIKP	PKPpdf	08 03 25.0 +0.3
							AGG	Agios Georgios	155.65 326	PKPpdf	PKPpdf	08 03 25.0 +0.3
							POLO	Lamas de Olo	155.73 24	ePKPab	PKPab	08 03 52.7 +1.1
							PBRG	Braganca	155.74 22	ePKPab	PKPab	08 04 20.1 +3.4
							PBRG	Braganca	155.74 22	ePKPbc	PKPbc	08 03 45.2 +0.4
							PBRG	Braganca	155.74 22	ePKPbc	PKPbc	08 04 17.6 +0.9
							PVRL	Vila Real	155.84 24	ePKPab	PKPab	08 03 53.1 +1.1
							MVO	Moncorvo	156.20 23	ePKPpdf	PKPpdf	08 03 25.3 -0.2
							MVO	Moncorvo	156.20 23	ePKPbc	PKPbc	08 04 22.9 +4.2
							PVIS	Viseu	156.25 25	ePKPab	PKPab	08 04 22.4 +0.4
							PCAS	Casmilo, Conde	156.56 27	ePKPab	PKPab	08 04 20.2 +3.1
							PCAS	Casmilo, Conde	156.56 27	ePKPbc	PKPbc	08 04 23.4 +3.0
							MTE	Manteigas	156.66 25	ePKPab	PKPab	08 03 56.4 +0.8
							PSRB	So Bento	156.87 28	ePKPab	sPKPab	08 04 24.8 -7.0
							PCBR	Castelo Branco				

10d 9h

SNH	comp=N,980nm,1.0s	2.06 291	Pn	07 54 33.6	-0.2
WAX	Waxell Ridge	2.16 297		07 54 34.2	-1.0
WAX	comp=E,1µm,0.5s		IAML	07 55 19.4	
WAX	Waxell Ridge	2.16 297	Sn	07 55 02.0	-0.2
KIAG	Kiagna River	2.20 311	Pn	07 54 35.1	-0.7
KIAG	comp=N,83nm,1.7s		IAML	07 55 04.2	+0.9
KIAG	Kiagna River	2.20 311	Pn	07 54 35.6	-0.2
BGLC	Bering Glacier	2.26 287	P	07 54 37.0	+0.6
BGLC	Bering Glacier	2.26 287	P	07 54 36.2	-0.2
BGLC	baz=102		S	07 55 05.1	+0.7
BALM	Baldy	2.27 314	Pn	07 54 36.4	-0.2
BALM	Baldy	2.27 314	Pn	07 55 06.9	-1.4
BALM	Baldy	2.27 314	Pn	07 54 36.5	-0.2
TGL	Tana Glacier	2.30 304	Pn	07 54 36.9	-0.2
TGL	comp=N,807nm,1.0s		IAML	07 55 13.9	
TGL	comp=N,807nm,1.0s		IAML	07 55 17.3	
GRIN	comp=E,952nm,0.9s	2.32 291	Pn	07 54 36.7	-0.6
GRIN	Grindlie Hills	2.32 291	Pn	07 55 07.3	+1.3
BESE	Bessie Mountai	2.33 112	Pn	07 54 35.6	-1.8
BESE	Bessie Mountai	2.33 112	Pn	07 54 37.0	-0.1
BESE	Bessie Mountai	2.33 112	Pn	07 54 35.6	-1.8
KHIT	Khitrov Hills	2.34 295	Pn	07 54 37.6	-0.1
WHY	Whitehorse	2.35 59	Pn	07 54 37.1	-0.6
WHY	Whitehorse	2.35 59	Pn	07 55 06.9	0.0
WHY	Whitehorse	2.35 59	Pn	07 54 37.0	0.6
WHY	Whitehorse	2.35 59	Pn	07 55 07.2	+0.3
CRQE	Cirque	2.41 303	P	07 54 38.1	-0.5
CRQE	baz=117,SNR=34		S	07 55 08.3	0.0
PTPK	Patty Peak	2.41 316	Pn	07 54 38.8	+0.1
PTPK	Patty Peak	2.41 316	Pn	07 55 11.2	-1.3
PTPK	Patty Peak	2.41 316	Pn	07 54 38.6	-0.1
PTPK	Patty Peak	2.41 316	Pn	07 55 07.8	-0.7
CROM	Cirque	2.43 303	Pn	07 54 38.9	0.0
CROM	comp=E,1µm,0.9s		IAML	07 55 21.4	
YUK2	White River	2.46 339	Pn	07 54 38.5	-0.8
SUCK	Suckling Hills	2.49 285	Pn	07 54 39.4	-0.2
SUCK	comp=N,599nm,0.7s		IAML	07 55 31.9	
BERG	Berg Lake	2.54 292	Pn	07 54 39.5	-0.7
BERG	Berg Lake	2.54 292	Pn	07 55 12.7	+1.3
JIS	Juneau Island	2.69 116	Pn	07 54 40.3	-1.9
MCARA	McCarthy VSAT	2.75 315	Pn	07 54 43.5	+0.3
MCARA	McCarthy VSAT	2.75 315	P	07 54 43.3	+0.1
MCARA	baz=130,SNR=78		S	07 55 16.8	+0.4
HMT	Hamilton	2.79 289	Pn	07 54 43.5	-0.2
KAIM	Kayak Island	2.79 281	Pn	07 54 43.7	0.0
KAIM	comp=N,579nm,0.8s		IAML	07 55 42.9	
KAIM	comp=N,579nm,0.8s		IAML	07 56 30.5	
KAIM	Kayak Island	2.79 281	P	07 54 43.3	-0.4
VRDI	Verde Repeater	2.81 310	Pn	07 54 43.7	-0.5
RAGM	Ragged Mountai	3.08 311	Pn	07 54 46.0	-0.7
GLB	Gilahina Butte	3.08 311	Pn	07 54 46.5	-1.2
SIT	Sitka	3.13 140	Pn	07 55 24.7	0.0
SIT	Sitka	3.13 140	Pn	07 54 48.9	+0.6
SIT	comp=E,618nm,0.9s		IAML	07 55 37.1	
SIT	comp=N,422nm,1.0s		P	07 54 48.0	-0.3
SIT	baz=325,SNR=34		Sb	07 55 34.3	+1.5
BMRM	Bremner River	3.16 300	Pn	07 54 48.9	0.0
BMRM	comp=N,530nm,0.7s		IAML	07 55 44.1	
BMRM	comp=N,530nm,0.7s		IAML	07 55 44.1	
BMRM	Bremner River	3.16 300	P	07 54 48.7	-0.2
N25K	Chitina, Valde	3.48 309	Pn	07 54 53.1	-0.1
N25K	Chitina, Valde	3.48 309	Pn	07 54 53.2	0.0
M26K	Nabesna, AK	3.50 328	P	07 54 53.3	-0.2
M26K	baz=143,SNR=15		Sb	07 55 46.3	+2.8
EYAK	Cordova Ski Ar	3.56 290	Pn	07 54 53.5	-0.7
EYAK	Cordova Ski Ar	3.56 290	Pn	07 54 53.8	-0.4
DIV	Divide	3.75 299	Pn	07 54 57.7	+0.8
DIV	Divide	3.75 299	Pn	07 55 40.5	-0.8
BC03	Beaver Creek A	3.81 340	Pn	07 54 56.4	-0.5
BCAR	Beaver Creek	3.81 340	Pn	07 54 56.9	-0.8
L27K	Beaver Creek	3.82 340	P	07 54 56.9	-1.0
L27K	Beaver Creek	3.82 340	P	07 54 56.6	-1.2
I23K	Port Fidalgo	3.95 291	Pn	07 54 59.5	-0.2
FID	Klutina	3.97 303	Pn	07 56 01.4	-0.1
KLU	comp=N,170nm,0.7s		IAML	07 56 01.4	
KLU	comp=N,273nm,0.5s		IAML	07 56 05.9	
KLU	comp=N,273nm,0.5s		IAML	07 56 05.9	
KLU	Klutina	3.97 303	P	07 55 00.1	+0.2
MENTA	Mentasta	4.13 328	Pn	07 55 02.7	+0.6
HARP	HAARP	4.18 316	Pn	07 55 02.6	-0.2
GLI	Glacier Island	4.28 292	Pn	07 55 03.8	-0.3
GLI	Glacier Island	4.28 292	Pn	07 56 09.1	
GLI	Glacier Island	4.28 292	P	07 55 04.2	+0.1
M24K	Tolsona, Glenn	4.38 309	Pn	07 55 04.4	-1.2
M24K	comp=N,237nm,1.2s		P	07 56 27.4	
M24K	Tolsona, Glenn	4.38 309	P	07 55 06.4	+0.8
DAWY	Dawson	4.57 358	Pn	07 55 07.8	-0.4
DAWY	Dawson	4.57 358	Pn	07 55 07.9	-0.3
DAWY	comp=N,139nm,0.9s		IAML	07 56 26.8	
PAX	Paxson	4.67 321	Pn	07 55 12.1	+2.4
PAX	Paxson	4.67 321	Pn	07 55 09.1	-0.6
WRAK	Wrangell Islan	4.70 128	P	07 55 07.4	-2.4
WRAK	Wrangell Islan	4.70 128	P	07 55 09.0	-0.9
SCM	Sheep Creek Mo	4.72 303	Pn	07 55 10.0	-0.3
SCM	comp=N,149nm,1.0s		IAML	07 56 39.6	
DLBC	Dease Lake	4.75 99	Pn	07 55 09.4	-1.3
DLBC	comp=N,34nm,0.3s, baz=53,slow=19,SNR=7.0		Lg	07 56 21.9	
DLBC	Dease Lake	4.75 99	Pn	07 55 09.2	-1.5
DLBC	Dease Lake	4.75 99	Pn	07 55 23.0	+0.7
DLBC	Dease Lake	4.75 99	Pn	07 56 04.0	-2.0
DLBC	Dease Lake	4.75 99	Pn	07 56 23.5	+3.9
DLBC	Dease Lake	4.75 99	Pn	07 55 09.1	-1.6
K27K	Chicken	4.76 343	Pn	07 55 12.3	+1.5
K27K	comp=N,123nm,1.4s		P	07 55 10.7	-0.1
DOT	Dot Lake	4.81 332	Pn	07 55 12.6	+1.2
DOT	Dot Lake	4.81 332	Pn	07 55 32.2	+1.4
DOT	Dot Lake	4.81 332	Pn	07 55 12.6	+1.2
PWL	Port Wells	4.86 290	Pn	07 55 12.1	-0.1
PWL	comp=N,88nm,0.9s		IAML	07 56 47.7	
KNK	Knik Glacier	5.07 296	Pn	07 55 14.7	-0.3
KNK	comp=N,139nm,1.0s		IAML	07 56 39.4	
KNK	comp=N,104nm,1.0s		IAML	07 56 40.7	
KNK	Knik Glacier	5.07 296	P	07 55 15.2	+0.3

2015 AUG

baz=107	baz=107	5.07 334	Pn	07 55 14.4	-0.7
SCRK	Sand Creek	5.07 334	P	07 55 14.2	-1.0
SCRK	Sand Creek	5.07 334	P	07 55 14.7	-0.5
RIDG	Independent Ri	5.08 329	Pn	07 55 14.7	-0.5
RIDG	comp=N,83nm,1.7s		IAML	07 56 56.5	
RIDG	comp=N,83nm,1.7s		IAML	07 57 02.9	
RIDG	comp=E,80nm,1.9s	5.08 329	P	07 55 16.2	+1.0
RIDG	baz=143		Pn	07 55 15.1	-0.8
CRAG	Craig	5.14 140	Pn	07 55 15.1	-0.8
CRAG	comp=E,140nm,1.1s		IAML	07 56 49.7	
CRAG	comp=N,95nm,1.0s		IAML	07 56 50.6	
CRAG	Craig	5.14 140	P	07 55 16.1	+0.1
SML	Sawmill	5.14 301	Pn	07 55 17.5	+1.5
SML	comp=N,96nm,1.3s		IAML	07 56 46.8	
SML	comp=N,96nm,1.3s		IAML	07 56 58.8	
SML	Sawmill	5.14 301	Pn	07 55 16.4	+0.3
WAT6	Susitna Watana	5.25 310	P	07 55 17.9	+0.3
WAT6	Susitna Watana	5.25 310	P	07 55 17.9	+0.3
SEW	Seward	5.32 281	Pn	07 55 17.5	-1.0
SEW	Seward	5.32 281	P	07 55 17.1	-1.4
EGAK	Eagle	5.38 350	Pn	07 55 19.3	+0.1
CHC	Glory Hole Cre	5.39 299	Pn	07 55 20.5	+1.0
PMR	Palmer	5.43 297	P	07 55 18.3	-1.3
PMR	Palmer	5.43 297	P	07 55 20.4	+0.5
O22K	Cooper Landing	5.48 285	Pn	07 55 19.9	-0.7
O22K	Cooper Landing	5.48 285	P	07 55 19.8	-0.8
RC01	Rabbit Creek A	5.58 291	Pn	07 55 22.3	+0.2
RC01	Rabbit Creek A	5.58 291	Pn	07 55 22.2	+0.2
SLKM	Skikak Lake	5.73 285	Pn	07 55 22.6	-1.5
WAT7	Susitna Watana	5.82 309	Pn	07 55 24.5	-0.9
BRSE	Bradley Lake S	5.98 277	P	07 55 27.5	+0.1
BRSE	Bradley Lake S	5.98 277	P	07 55 27.6	+0.1
RND	Reindeer	6.13 314	Pn	07 55 28.0	-1.7
SUA	Susitna One	6.14 294	Pn	07 55 29.6	-0.1
HDA	Harding Lake	6.18 326	Pn	07 55 30.1	-0.2
CHU	Chulitna	6.22 303	Pn	07 55 30.4	-0.3
MCK	McKinley	6.36 316	Pn	07 55 31.6	-1.1
HOM	Home	6.44 277	Pn	07 55 32.1	-1.6
HOM	Home	6.44 277	P	07 55 34.2	+0.4
IL31	Eielson Array	6.44 328	Pn	07 55 33.0	-0.8
ILAR	Eielson Array	6.44 328	Pn	07 55 33.0	0.0
ILAR	comp=E,0.9nm,0.3s, baz=153,slow=12,SNR=46		Lg	07 57 24.7	
ILAR	comp=N,0.3nm,0.3s, baz=127,slow=32,SNR=2.1		Lg	07 55 33.6	-0.3
ILAR	Eielson Array	6.44 328	Pn	07 55 36.1	+0.6
WRH	Wood River Hill	6.57 323	Pn	07 55 37.5	+1.5
CCB	Clear Creek Bu	6.61 325	Pn	07 55 36.3	-0.1
SKT	Skwentna	6.63 297	P	07 55 36.6	+0.2
SKT	Skwentna	6.63 297	P	07 55 36.6	+0.2
TRF	Thorofare Moun	6.70 311	Pn	07 55 38.4	+0.9
TRF	Thorofare Moun	6.70 311	P	07 55 38.7	+1.2
SPU	Mount Spurr	6.70 290	Pn	07 55 37.0	-0.4
PRP	Porcupine Deme	6.74 336	Pn	07 55 40.5	+2.4
COLA	College	6.79 326	Pn	07 55 38.7	+0.2
CGO	CGO, UAF Yank	6.79 326	Pn	07 55 38.7	+0.2
BWN	Brown	6.81 318	Pn	07 55 41.1	+1.5
POKR	Poker Plat Res	6.86 329	Pn	07 55 40.1	+0.6
O20K	Slope Mountain	6.91 281	Pn	07 55 40.9	+0.6
NEA2	Nenana	6.96 321	Pn	07 55 41.1	+0.3
NEA2	Nenana	6.96 321	P	07 55 41.2	+0.3
EPYK	Eagle Plains	6.96 8	Pn	07 55 40.3	-0.6
EPYK	Eagle Plains	6.96 8	P	07 55 40.4	-0.5
MDM	Murphy Dome	6.96 326	Pn	07 55 41.5	+0.5
RTO	Redoubt South	6.98 284	Pn	07 55 42.2	+0.8
RSH	Kantishna Hill	7.00 310	Pn	07 55 4	

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, PKGZ Pakihiora, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like ISC 10 09:40:07.7, 1.1, 29.48S, 0.03, 71.31W, etc.

Table with columns: BDFB, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like BDFB Brasilia, BDFB Brasilia, BDFB Serra Nova Dou, etc.

10 09:26:53.3, 3.2, 54.25N, 87.34E, h0km, mb1 2.8, mb1mx2.8/31, mbtmp2.8/2, ML2.6/2, Error ellipse: s-maj=25.1km s-min=18.3km az=52.0

10 09:26:54.1, 2.5, 54.15N, 87.20E, h0km, mb2.6, mpv2.5, Error ellipse: s-maj=21.8km s-min=15.6km az=21.0, Suspected Mining explosion.

10 09:26:55.3, 4.7, 54.24N, 0.2, 87.0E, h0km, n8, s1943/9, 4C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Arra, ZAAO Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Arra, ZAAO Zalesovo Beam, etc.

Table with columns: BDFB, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like BDFB Brasilia, BDFB Brasilia, BDFB Serra Nova Dou, etc.

TRN 10 09:34:25.7, 14.95N, 61.32W, h151km, MD3.5, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like PCM Pelee Case Pet, CXM Morne La Croix, BAMF Morne Balai, etc.

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

Table with columns: BDFB, Station Name, Az, Phase ID, Op, Time Res, ISC. Includes stations like BDFB Brasilia, BDFB Brasilia, BDFB Serra Nova Dou, etc.

10 09:40:03.1, 0.4, 29.47S, 71.10W, h0km, mb4.8/23, mb1 4.2/26, mb1mx4.7/37, mbtmp4.7/26, ML4.1/3, MS4.2/10, Ms1 4.2/10, ms1mx4.0/33, Error ellipse: s-maj=16.3km s-min=12.0km az=76.0

MOS 10 09:40:07.5, 1.3, 29.43S, 71.24W, h1km, mb5.3/25, Error ellipse: s-maj=17.1km s-min=7.6km az=98.0

GUC 10 09:40:07.1, 0.6, 29.48S, 71.22W, h55km, 1km, ML5.1, MW4.9

VAO 10 09:40:08.4, 0.3, 29.26S, 71.05W, h10km, mb4.7, NEIC 10 09:40:09.1, 1.1, 29.47S, 0.04, 71.24W, 0.1, h39km, 4km, mb5.2/391, ML5.1(GUC), Error ellipse: s-maj=12.1km s-min=6.1km az=97.0

10d 9h

NATX	Nacogdoches	64.82 338	P	P	09 50 44.6 +1.0
435B	Jarrell	64.94 335	P	P	09 50 44.7 +0.3
KMSC	Kings Mountain	64.97 351	P	P	09 50 43.9 -0.6
KMSC	Kings Mountain	64.97 351	I	Amb	09 50 45.3
KMSC	Kings Mountain	64.97 351	P	P	09 50 44.1 -0.4
X51A	Calhoun	64.97 348	P	P	09 50 43.9 -0.6
HPIG	Calhoun	65.04 326	P	P	09 50 46.2 +0.8
HPIG	Calhoun	65.04 326	I	Amb	09 50 47.7
BG3	Lake Jocassee	65.06 349	P	P	09 50 45.2 +0.1
BG3	Lake Jocassee	65.06 349	I	Amb	09 50 46.1
FPAL	Fort Paine	65.09 347	P	P	09 50 44.6 -0.8
FPAL	Fort Paine	65.09 347	I	Amb	09 50 45.9
X48A	Hartselle	65.30 346	P	P	09 50 46.4 -0.3
V58A	Windy Hill, Pi	65.34 353	I	Amb	09 50 47.7
237A	Washetta, Mont	65.42 337	P	P	09 50 48.8 +1.3
JCT	Junction City	65.51 333	P	pmax	09 50 49.0 +0.8
JCT	Junction City	65.51 333	P	P	09 50 49.0 +0.8
JCT	Junction City	65.51 333	P	P	09 50 48.8 +0.6
Z41A	Richland Creek	65.63 340	P	P	09 50 49.7 +0.9
V55A	Taylorville	65.65 351	I	Amb	09 50 49.9
W50A	Signal Mountai	65.67 347	P	P	09 50 48.8 -0.3
V53A	Saluda	65.70 350	I	Amb	09 50 50.0
V53A	Saluda	65.70 350	I	Amb	09 50 50.0
U59A	Littleton	65.77 354	P	P	09 50 49.3 -0.3
U59A	Littleton	65.77 354	I	Amb	09 50 51.1
CPCT	Cooper Cave	65.77 348	P	P	09 50 49.1 -0.6
CPCT	Cooper Cave	65.77 348	I	Amb	09 50 50.5
SWET	Sewanee	65.81 347	P	P	09 50 49.2 -0.8
TKL	Tuckaleechee C	65.84 349	P	P	09 50 50.1 -0.1
TKL	Tuckaleechee C	65.84 349	P	pmax	09 50 49.9 -0.3
TKL	Tuckaleechee C	65.84 349	P	pmax	09 50 49.9 -0.3
TKL	Tuckaleechee C	65.84 349	P	P	09 50 49.9 -0.3
TKL	Tuckaleechee C	65.84 349	I	Amb	09 50 50.7
OXF	Oxford	65.90 344	P	pmax	09 50 50.1 -0.4
OXF	Oxford	65.90 344	P	pmax	09 50 50.1 -0.4
OXF	Oxford	65.90 344	P	P	09 50 50.1 -0.4
OXF	Oxford	65.90 344	P	P	09 50 50.1 -0.4
CCAR	Cane Creek	65.96 341	P	P	09 50 52.0 +1.1
WHTX	Lake Whitney	65.98 336	P	P	09 50 51.7 +0.6
WHTX	Lake Whitney	65.98 336	P	P	09 50 51.6 +0.5
V52A	Sevierville	66.00 349	P	P	09 50 50.5 -0.6
U56A	King	66.03 352	I	Amb	09 50 51.6 +0.3
U56A	King	66.03 352	I	Amb	09 50 52.5
PLAL	Pickwick Lake	66.04 345	P	I	09 50 50.3 -1.1
PLAL	Pickwick Lake	66.04 345	I	Amb	09 50 51.9
V51A	Loudon	66.08 348	P	I	09 50 50.6 -1.1
V51A	Loudon	66.08 348	I	Amb	09 50 52.4
WLAR	White Oak Lake	66.13 340	P	P	09 50 52.9 +0.9
TXAR	Lajitas Array	66.14 329	P	P	09 50 53.0 +0.7
TX31	Lajitas Ar. Si	66.14 329	P	P	09 50 52.3 0.0
TX32	Lajitas Array	66.14 329	P	P	09 50 53.1 +0.8
X43A	Marver	66.28 342	P	P	09 50 53.3 +0.3
Z38A	Mt. Pleasant	66.31 338	P	P	09 50 52.0 -1.1
T59A	Double "B" Far	66.36 355	P	P	09 50 53.8 +0.4
U54A	Nelsons Funny	66.39 351	P	P	09 50 53.6 -0.1
TZTN	Tazewell	66.67 349	P	P	09 50 55.0 -0.5
TZTN	Tazewell	66.67 349	P	P	09 50 54.9 -0.5
CLTN	Cedars of Leba	66.74 347	P	I	09 50 55.6 -0.2
CLTN	Cedars of Leba	66.74 347	I	Amb	09 50 56.8
X40A	Basin Creek Fa	66.79 341	P	P	09 50 56.3 +0.1
BLA	Blacksburg	66.89 352	P	pmax	09 50 56.7 -0.2
BLA	Blacksburg	66.89 352	P	pmax	09 50 56.7 -0.2
BLA	Blacksburg	66.89 352	P	P	09 50 56.5 -0.4
U49A	Red Boiling Sp	67.04 347	P	I	09 50 55.1 -2.7
U49A	Red Boiling Sp	67.04 347	I	Amb	09 50 58.4
MIAR	Mount Ida	67.06 340	P	pmax	09 50 57.9 0.0
MIAR	Mount Ida	67.06 340	P	pmax	09 50 57.9 0.0
MIAR	Mount Ida	67.06 340	I	Amb	09 51 00.0
MIAR	Mount Ida	67.06 340	P	P	09 50 57.9 0.0
WVT	Waverly	67.08 346	P	pmax	09 50 57.5 -0.6
WVT	Waverly	67.08 346	P	pmax	09 50 57.5 -0.6
WVT	Waverly	67.08 346	P	P	09 50 57.5 -0.6
WVT	Waverly	67.08 346	P	P	09 50 57.5 -0.6
S57A	Dark Hollow, R	67.27 353	I	Amb	09 51 00.5
W41B	Gary Victory, V	67.27 341	P	P	09 50 59.3 0.0
T50A	Nancy	67.36 348	P	P	09 50 59.1 -0.7
ABTX	Abilene, Hawle	67.36 334	P	P	09 51 00.4 +0.4
CBN	Corbin Frederi	67.57 355	P	P	09 51 01.0 -0.1
S54A	Dingess, Beckl	67.58 351	I	Amb	09 51 01.8
X37A	Clayton	67.65 339	P	I	09 51 00.6 -1.2
X37A	Clayton	67.65 339	I	Amb	09 51 03.4
LOOK	Love County	67.70 337	P	P	09 51 02.3 +0.2
W39A	Magazine	67.73 340	P	P	09 51 02.4 +0.2
W39A	Magazine	67.73 340	P	P	09 51 02.9 +0.7
S51A	Beattyville	67.75 349	I	Amb	09 51 02.9
PEMNO	Penman	67.80 344	P	P	09 51 03.7 +1.1
FCAR	Lake Charles	67.82 343	P	P	09 51 02.7 -0.1
FCAR	Ozark Folk Cen	67.91 342	I	Amb	09 51 03.4 +0.1
FCAR	Ozark Folk Cen	67.91 342	I	Amb	09 51 04.2
R55A	Marlinton	67.91 353	I	Amb	09 51 04.9
P61MO	Parma	68.04 344	P	P	09 51 04.4 +0.4
PARMA	Milford	68.11 357	P	P	09 51 05.3 +0.9
R53A	Hurricane	68.19 351	P	I	09 51 04.7 -0.3
R53A	Hurricane	68.19 351	I	Amb	09 51 05.6
PBMO	Poplar Bluff	68.31 344	P	P	09 51 05.2 -0.6
X34A	Smith Ranch, M	68.48 337	P	P	09 51 06.8 -0.2
U40A	Yellville	68.55 341	P	P	09 51 06.9 -0.4
Q56A	Snyder Ridge,	68.56 353	I	Amb	09 51 09.2
VNDA	Vanda	68.64 191	P	P	09 51 08.5 +1.0
VNDA	Vanda	68.64 191	P	pmax	09 51 08.2 +0.7
VNDA	Vanda	68.64 191	P	pmax	09 51 08.2 +0.7
VNDA	Vanda	68.64 191	P	P	09 51 08.2 +0.7
R49A	Shelbyville	68.65 346	P	P	09 51 07.5 -0.3
Q54A	Coxs Mills	68.69 352	I	Amb	09 51 08.6
SDMD	Soldier's Deli	68.73 355	P	P	09 51 07.5 -0.8
HHAR	Hobbs	68.79 341	P	P	09 51 08.8 0.0
HHAR	Hobbs	68.79 341	I	Amb	09 51 10.0

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WCI	Wyandotte Cave	68.80 347	P	pmax	09 51 06.8 -2.0
WCI	Wyandotte Cave	68.80 347	P	pmax	09 51 06.8 -2.0
WCI	Wyandotte Cave	68.80 347	I	Amb	09 51 09.1
WCI	Wyandotte Cave	68.80 347	P	P	09 51 07.8 -1.0
US2A	University of	68.82 346	P	P	09 51 08.9 0.0
Q52A	Greenville	68.85 351	I	Amb	09 51 09.0
SIUC	Southern Illin	68.91 345	P	P	09 51 09.7 +0.2
MNTX	Cornudas Mount	68.92 329	I	Amb	09 51 10.6
MNTX	Cornudas Mount	68.92 329	I	Amb	09 51 10.6
MNTX	Cornudas Mount	68.92 329	P	P	09 51 09.3 -0.5
FNO	Franklin	68.93 337	P	I	09 51 08.6 -1.2
FNO	Franklin	68.93 337	I	Amb	09 51 11.5
WMOK	Wichita Mounts	68.94 336	P	pmax	09 51 09.6 -0.2
WMOK	Wichita Mounts	68.94 336	P	pmax	09 51 09.6 -0.2
WMOK	Wichita Mounts	68.94 336	P	P	09 51 09.6 -0.2
WMOK	Wichita Mounts	68.94 336	P	P	09 51 09.6 -0.2
TUL1	Leonard	69.00 339	P	P	09 51 09.9 -0.2
P60A	Greenville	69.05 356	P	P	09 51 10.8 +0.5
U38A	Gravette	69.06 340	I	Amb	09 51 11.6
Q51A	Peebles	69.07 350	P	I	09 51 10.0 -0.5
Q51A	Peebles	69.07 350	I	Amb	09 51 11.1
MGMO	Mountain Grove	69.14 342	P	I	09 51 11.2 +0.2
MGMO	Mountain Grove	69.14 342	I	Amb	09 51 12.2
WUPA	West Chester U	69.17 356	P	P	09 51 08.7 -2.4
OK025	Westminster Rd	69.20 338	P	P	09 51 11.4 0.0
MCWV	Mont Chateau	69.24 353	I	Amb	09 51 12.3 +0.8
MCWV	Mont Chateau	69.24 353	I	Amb	09 51 12.8
MCWV	Mont Chateau	69.24 353	P	P	09 51 11.8 +0.3
P53A	Whipple	69.25 352	I	Amb	09 51 13.1
MVL	Millersville	69.28 356	P	I	09 51 11.9 +0.2
MVL	Millersville	69.28 356	I	Amb	09 51 13.7
BLUFF	Bluff Creek, N	69.36 337	P	P	09 51 12.0 -0.4
OK031	S. Brethren Rd	69.38 338	I	Amb	09 51 12.4 -0.1
OK031	S. Brethren Rd	69.38 338	I	Amb	09 51 13.5
HSIG	HSIG	69.40 323	P	I	09 51 13.6 +0.8
HSIG	HSIG	69.40 323	I	Amb	09 51 15.1
OK029	Liberty Lake	69.44 338	P	I	09 51 12.3 -0.5
OK029	Liberty Lake	69.44 338	I	Amb	09 51 13.9
P51A	Williamsport	69.47 350	I	Amb	09 51 13.4
P52A	Corning	69.49 351	I	Amb	09 51 13.6
P52A	Corning	69.49 351	P	P	09 51 12.5 -0.6
PAGS	Pennsylvania G	69.53 356	I	Amb	09 51 14.9
QUOK	Quay	69.53 338	I	Amb	09 51 13.5 +0.1
QUOK	Quay	69.53 338	I	Amb	09 51 14.6
OLIL	Olin	69.65 346	P	P	09 51 13.6 -0.4
O56A	Blue Knob Stat	69.72 354	P	P	09 51 15.2 +0.6
O56A	Blue Knob Stat	69.72 354	P	P	09 51 15.2 +0.6
CCM	Cathedral Cave	69.72 343	P	pmax	09 51 14.4 -0.2
CCM	Cathedral Cave	69.72 343	P	pmax	09 51 14.4 -0.2
CCM	Cathedral Cave	69.72 343	P	P	09 51 14.3 -0.2
CCM	Cathedral Cave	69.72 343	P	P	09 51 14.5 0.0
MSX	Muleshoe	69.77 332	P	P	09 51 15.0 -0.1
MSX	Muleshoe	69.77 332	P	P	09 51 15.0 0.0
P49A	Miami Univ. Ec	69.78 349	I	Amb	09 51 15.1
P49A	Miami Univ. Ec	69.78 349	I	Amb	09 51 15.1
P49A	Miami Univ. Ec	69.78 349	P	P	09 51 14.1 -0.8
LUPA	Lehigh Univers	69.82 357	P	I	09 51 15.9 +0.8
LUPA	Lehigh Univers	69.82 357	I	Amb	09 51 17.0
P48A	Milroy	69.83 348	P	I	09 51 12.9 -2.3
P48A	Milroy	69.83 348	I	Amb	09 51 15.3
SYO	Syowa Base	69.84 159f	eP	pP	09 51 23.4 -1.1
SYO	Syowa Base	69.84 159f	eP	pP	09 51 27.0 -1.1
O52A	Adamsville	69.93 351	I	Amb	09 51 16.3
O53A	New Philadelph	69.98 352	I	Amb	09 51 16.9
O53A	New Philadelph	69.98 352	I	Amb	09 51 15.5 -0.5
Q44A	Meyer Farm, Va	70.01 345	I		

W18A	Petrified Fore	73.76 328	I	Amb	09 51 41.8
W18A	Petrified Fore	73.76 328	P	P	09 51 40.5 +1.3
H64A	Troy	73.79 2	P	P	09 51 40.3 +1.5
H63A	New Sharon	73.79 1	P	P	09 51 40.1 +1.3
H59A	Cadyville	73.80 358	P	P	09 51 39.2 +0.3
LONY	Lake Ozonia	73.80 358	P	P	09 51 39.3 +0.4
LONY	Lake Ozonia	73.80 358	I	Amb	09 51 40.9
LONY	Lake Ozonia	73.80 358	P	P	09 51 39.5 +0.5
SCIA	State Center	73.85 343	P	P	09 51 39.4 +0.1
SCIA	State Center	73.85 343	I	Amb	09 51 40.6
SCIA	State Center	73.85 343	P	P	09 51 39.1 -0.2
H65A	Eastbrook	73.87 2	P	P	09 51 39.7 +0.4
FRNY	Flat Rock	73.98 358	I	Amb	09 51 41.6
H66A	Whiting	74.00 3	P	P	09 51 40.7 +0.7
X16A	Lo Mia Camp, P	74.00 326	I	Amb	09 51 43.2
JFWS	Jewell Farm	74.11 346	P	P	09 51 40.7 -0.1
JFWS	Jewell Farm	74.11 346	P	P	09 51 40.7 -0.1
JFWS	Jewell Farm	74.11 346	I	Amb	09 51 40.7 -0.1
JFWS	Jewell Farm	74.11 346	I	Amb	09 51 41.8
JFWS	Jewell Farm	74.11 346	P	P	09 51 40.9 +0.1
KSCO	Kaye Sheddok	74.13 335	P	P	09 51 42.2 +1.1
SDCO	Great Sand Dun	74.14 332	P	P	09 51 42.6 +1.2
SADO	Sadowa	74.24 354	P	P	09 51 41.3 -0.1
SADO	Sadowa	74.24 354	I	Amb	09 51 42.4
G63A	Kingsbury	74.25 1	P	P	09 51 41.8 +0.3
G62A	West of Eustis	74.34 1	P	P	09 51 43.3 +1.2
G65A	Princeton	74.40 3	P	P	09 51 43.4 +1.0
PKME	Peaks-Kenny Pk	74.41 1	P	P	09 51 43.7 +1.2
G64A	Maxfield	74.41 2	P	P	09 51 43.7 +1.2
K38A	Parkersburg	74.44 344	I	Amb	09 51 43.4
GLA	Glamis	74.62 323	P	P	09 51 45.3 +1.2
S22A	4UR Ranch, Cre	74.68 331	P	P	09 51 45.9 +1.3
BGNE	Belgrade	74.77 339	P	P	09 51 45.0 +0.3
F42A	Draeger Farm,	74.77 347	I	Amb	09 51 45.6
163A	Nahmakanta, Br	74.85 2	P	P	09 51 46.5 +1.5
WUAZ	Wupatki	74.86 327	I	Amb	09 51 48.3
WUAZ	Wupatki	74.86 327	P	P	09 51 47.0 +1.5
MVCO	Mesa Verde	74.94 330	I	Amb	09 51 48.5
MVCO	Mesa Verde	74.94 330	I	Amb	09 51 47.3 +1.2
IKP	In-Ko-Pah, Jac	74.98 322	P	P	09 51 47.7 +1.5
F62A	Pittsford Farm,	75.03 1	P	P	09 51 47.1 +1.1
F64A	Sherman	75.03 2	P	P	09 51 47.0 +1.0
SWSC	Sam W. Stewart	75.05 322	P	P	09 51 47.5 +1.1
Q24A	Divide	75.05 333	P	P	09 51 47.8 +1.1
H43A	Windswept, Lux	75.11 348	I	Amb	09 51 47.4
PDMCI	Parker Dam, Lak	75.24 324	P	P	09 51 49.2 +1.7
MONP2	Monument Peak	75.34 322	P	P	09 51 49.8 +1.4
E63A	Oxbow	75.59 2	P	P	09 51 51.0 +1.8
E64A	Bridgewater	75.61 2	P	P	09 51 51.2 +1.9
OGNE	Ogallala	75.63 336	I	Amb	09 51 51.7
OGNE	Ogallala	75.63 336	P	P	09 51 50.5 +0.7
IRM	Iron Mountain	75.64 324	P	P	09 51 51.0 +1.1
109C	Camp Elliott, M	75.70 322	P	P	09 51 51.5 +1.3
E62A	Clayton Lake	75.76 1	P	P	09 51 52.0 +1.8
TPFO	Pinon Flats	75.90 322	P	P	09 51 53.1 +1.5
PFO	Pinon Flats O	75.91 322	P	P	09 51 53.4 +1.9
PFO	Pinon Flats O	75.91 322	P	P	09 51 53.4 +1.9
PFO	Pinon Flats O	75.91 322	P	P	09 51 53.0 +1.5
ISCO	Idaho Springs	75.95 333	P	P	09 51 53.0 +1.1
SMCO	Snowmass	75.96 332	I	Amb	09 51 54.8
BELC	Belle Mtn, Jos	75.97 323	P	P	09 51 53.4 +1.5
U15A	North Rim	76.03 327	I	Amb	09 51 55.2
D63A	Stockholm	76.21 2	P	P	09 51 53.6 +0.9
D62A	Alappoint, All	76.23 2	P	P	09 51 53.8 +1.0
MURC	Murieta	76.30 322	P	P	09 51 55.3 +1.7
GMRC	Graffiti Mounta	76.40 324	P	P	09 51 55.9 +1.6
E46A	Sault Ste Mari	76.40 351	I	Amb	09 51 54.6
ECSD	EROS Data Cent	76.46 341	P	P	09 51 54.4 +0.1
SUR	Sutherland	76.49 120	P	P	09 51 55.7 +0.5
SUR	Sutherland	76.49 120	P	P	09 51 55.7 +0.5
SUR	Sutherland	76.49 120	P	P	09 51 55.0 -0.3
SUR	Sutherland	76.49 120	P	P	09 52 21.0
SC19	San Clemente I	76.56 321	P	P	09 51 55.8 +0.7
BR22	Big Bear Solar	76.66 323	P	P	09 51 57.7 +1.8
KNB	Kanab	76.75 327	I	Amb	09 51 59.3
HEC	Hector, Ludlow	76.78 323	P	P	09 51 57.9 +1.5
CIS	Catalina Islan	76.81 321	P	P	09 51 58.2 +1.6
E43A	Lone Tree Farm	76.82 349	I	Amb	09 51 57.2
PKCU	Pink Cliffs	76.86 328	I	Amb	09 51 59.7
SPMN	Marine on St.	76.88 345	I	Amb	09 51 57.2
SPMN	Marine on St.	76.88 345	P	P	09 51 56.0 -0.6
N23A	Fort Macarthur	76.97 321	P	P	09 51 59.1 +1.7
FMP	Red Feather La	77.02 334	P	P	09 51 59.1 +1.2
TUQ	Turquoise Moun	77.04 324	P	P	09 51 59.4 +1.5
RRX	Edison Barstow	77.17 323	P	P	09 52 00.3 +1.8
PHWY	Pilot Hill	77.19 334	I	Amb	09 52 00.9
MWC	Mount Wilson	77.23 322	I	Amb	09 52 01.7

PASC	Pasadena Art C	77.26 322	I	Amb	09 52 02.4
MTPU	Mount Pierson	77.28 328	I	Amb	09 52 01.9
O20A	White River Ci	77.29 332	P	P	09 52 00.5 +1.2
SNCC	San Nicolas Is	77.31 320	P	P	09 52 00.9 +1.6
MAW	Mawson	77.33 164	P	P	09 51 58.7 -0.2
SZCU	Shurtz Canyon	77.34 327	I	Amb	09 52 02.5
GSC	Goldstone, Bar	77.39 323	P	P	09 52 01.3 +1.4
DECC	Green Verdugo	77.41 322	P	P	09 52 01.7 +1.9
SRU	San Rafael	77.41 330	I	Amb	09 52 02.0
CCUT	Cedar City	77.44 327	I	Amb	09 52 03.4
Q16A	Castle Valley	77.54 329	I	Amb	09 52 03.2
SHOC	Shoshone, Tco	77.58 324	P	P	09 52 02.3 +1.5
F36A	Milaca	77.65 344	I	Amb	09 52 01.5
EDW2	Edwards Air Fo	77.70 322	P	P	09 52 02.5 +1.0
SUSD	Miller	77.78 340	I	Amb	09 52 02.8
SUSD	Miller	77.78 340	P	P	09 52 02.0 +0.3
P17A	Butcher Ranch,	77.80 330	I	Amb	09 52 04.3
OSI	Ostio Audit: C	77.89 322	I	Amb	09 52 05.0
OSI	Ostio Audit: C	77.89 322	P	P	09 52 04.0 +1.4
SCZ2	Santa Cruz Isl	77.92 321	P	P	09 52 03.9 +1.2
LRMC	Laurel Mtn Rad	77.99 323	P	P	09 52 04.5 +1.3
PRN	Pahroc Range	78.14 326	I	Amb	09 52 07.0
RDMU	Red Mountain	78.21 331	I	Amb	09 52 06.5
KOWA	Kowa	78.22 66	P	P	09 52 03.8 -0.9
KOWA	Kowa	78.22 66	P	P	09 52 04.7 0.0
KOWA	Kowa	78.22 66	I	Amb	09 52 05.4
FURC	Furnace Creek,	78.32 324	P	P	09 52 06.2 +1.4
ARVC	Arvin	78.33 322	P	P	09 52 06.4 +1.5
TPNV	Topopah Spring	78.38 325	I	Amb	09 52 08.2
TPNV	Topopah Spring	78.38 325	P	P	09 52 06.8 +1.4
ISA	Isabella, Lake	78.55 322	I	Amb	09 52 09.0
ISA	Isabella, Lake	78.55 322	P	P	09 52 07.6 +1.4
PKM	Mcherson Peak	78.69 321	P	P	09 52 08.7 +1.6
K22A	Casper	78.75 334	I	Amb	09 52 09.6
K22A	Casper	78.75 334	P	P	09 52 08.3 +1.0
CRWC	Cottonwood Cre	78.93 323	P	P	09 52 09.6 +1.2
GWAC	Grapevine Rang	78.98 324	P	P	09 52 10.0 +1.5
YES	Vestal, Richgr	79.00 322	P	P	09 52 09.8 +1.2
JLU	Jornelle	79.04 330	I	Amb	09 52 11.1
SPR3	Spring Creek 3	79.05 327	I	Amb	09 52 11.4
SMMC	Simmer	79.10 321	P	P	09 52 10.8 +1.5
RSSD	RSSD	79.13 337	P	P	09 52 09.7 +0.3
RSSD	RSSD	79.13 337	P	P	09 52 10.1 +0.8
R11A	Troy Canyon, C	79.14 326	P	P	09 52 10.9 +1.4
EYMG	Ely	79.18 346	P	P	09 52 08.8 -0.5
DUG	Dugway, Tooele	79.31 329	P	P	09 52 12.8
DUG	Dugway, Tooele	79.31 329	P	P	09 52 11.7 +1.3
TIN	Tinemaha, Big	79.47 324	P	P	09 52 12.8 +1.5
D32A	Dogwood Acres,	79.71 342	I	Amb	09 52 13.4
TSUM	Tsumeb	79.86 106	P	P	09 52 14.2 +0.2
HWUT	Hardware Ranch	79.91 331	I	Amb	09 52 15.4
BW06	Boulder Array	80.04 332	I	Amb	09 52 16.1
BW06	Boulder Array	80.04 332	P	P	09 52 14.7 +0.3
PDAR	Pinedale Array	80.04 332	P	P	09 52 14.6 +0.2
B35A	Bob, Littlefor	80.05 345	I	Amb	09 52 14.8
SPUT	South Promont	80.05 330	I	Amb	09 52 16.3
MLAC	Mammoth, Mam	80.22 324	P	P	09 52 17.2 +1.6
E28A	Huff	80.23 340	I	Amb	09 52 16.7
AGMN	Agassiz Nation	80.49 344	I	Amb	09 52 17.4
AGMN	Agassiz Nation	80.49 344	P	P	09 52 16.5 +0.1
NVAR	Mina Array Bea	80.56 324	P	P	09 52 18.6 +1.3
HVU	Hansel Valley	80.58 330	I	Amb	09 52 18.8
AHID	Auburn Hatcher	80.67 331	I	Amb	09 52 19.4
MDND	Maddock	81.07 341	P	P	09 52 19.8 +0.3
YERR	Yerrington	81.45 324	I	Amb	09 52 24.6
BOSA	Bosch	81.63 118	P	P	09 52 22.8 -0.5
BOSA	Bosch	81.63 118	I	Amb	09 52 35.2
PNTR	Pine Nut	81.72 324	I	Amb	09 52 26.1
H17A	Grant Village	81.80 333	P	P	09 52 24.8 +1.0
RLMT	Red Lodge	81.90 334	P	P	09 52 24.9 +0.6
PAHR	Pah Rah Range	82.07 325	I	Amb	09 52 27.8
TORD	Torodi Ar. Bea	82.09 70	P	P	09 52 25.1 -0.6
LAO	LASA Array	82.12 337	I	Amb	09 52 26.7
LAO	LASA Array	82.12 337	P	P	09 52 25.5 +0.3
YMR	Madison River	82.18 333	I	Amb	09 52 28.2
ULM	Lac du Bonnet	82.31 344	P	P	09 52 26.0 0.0
ULM	Lac du Bonnet	82.31 344	I	Amb	09 52 26.7
AFDM	Forest Hills D	82.32 323	I	Amb	09 52 28.3
BEKR	Beckwith	82.69 324	I	Amb	09 52 30.7
HLID	Hailey	82.73 330	I	Amb	09 52 30.8
HLID	Hailey	82.73 330	P	P	09 52 29.5 +0.9
ORV	Oroville	83.05 323	I	Amb	09 52 32.6
BOZ	Bozeman (W)	83.22 333	P	P	09 52 32.2 +1.2

LBTB	Lobatse	83.64 115	I	Amb	09 52 34.3
O03E	Paynes Creek	83.75 324	P	P	09 52 33.7 -0.1
SCHO	Schefferville	84.05 3	P	P	09 52 34.9 0.0
SCHO	Schefferville	84.05 3	P	P	09 52 34.9 0.0
O02D	Mt. Diablo	84.14 323	P	P	09 52 36.4 +0.5
WDC	Whiskeytown Da	84.34 323	I	Amb	09 52 37.5
J08A	Circle Bar Ran	84.41 327	I	Amb	09 52 39.2
EGMT	Eagleton	84.52 335	I	Amb	09 52 38.6
EGMT	Eagleton	84.52 335	P	P	09 52 37.2 -0.3
CASY	Casey	84.54 181	P	P	09 52 36.5 -0.9
CASY	Casey	84.54 181	I	Amb	09 52 38.8
PLID	Pearl Lake	84.63 330	I	Amb	09 52 40.0
N02D	Trinity Center	84.71 324	P	P	09 52 38.9 +0.2
M04C	Macdoel	84.86 325	P	P	09 52 39.9 +0.4
K05A	Summer Lake	85.09 326	I	Amb	09 52 43.0
M02C	Callahan	85.09 324	P	P	09 52 41.1 +0.5
M50	Missoula	85.15 332	P	P	09 52 41.2 +0.4
KHMM	Horse Mountain	85.18 323	I	Amb	09 52 43.6
L04D	Klamath Falls	85.42 325	P	P	09 52 42.7 +0.4
K04D	Chiloquin, OR	85.44 325	P	P	09 52 42.8 +0.4
J05D	Fort Rock, OR	85.67 326	P	P	09 52 44.4 +0.8
KRMB	Red Mountain	85.73 323	I	Amb	09 52 46.2
PINE	Pine Mountain	85.91 326	I	Amb	09 52 47.1
JTMT	Jette	86.03 333	I	Amb	09 52 46.7
L02E	Cave Junction	86.03 324	P	P	09 52 46.1 +1.0
J04D	Umpqua Nationa	86.07 325	P	P	09 52 46.3 +0.8
K02D	Willamette Mer	86.45 324	P</		

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CNCH Conchagua, LCND La Caada, and various other regional stations.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like T47A Sharon Grove, OK025 Westminster Rd, U38A La Caada, and various other regional stations.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BATI Baumata, BSSI Bau Baw, BUI Wanggapi, and various other regional stations.

ISC 10 09:57:15.0:0.8:7.84S:123.14E,h265km,9km,m3.5/8, m1.3/7.13,mb1nrx3.5/43,mbtm4.3/13,Error ellipse: s-maj=23.4km s-min=10.9km az=60.0
DJA 10 09:57:15.1:0.2:8.5:2.12:3E,h266km,3km,M4.4/20, m85.0/9,mb4.5/20,MLV4.4/12,Mw(MB)4.3/9
NEIC 10 09:57:16.1:1.7:8.02S:0.09:123.03E:0.08,h269km,7km, mb4.1/9,Error ellipse: s-maj=15.2km s-min=8.7km

MOS 10 10:05:24.5:0.9:36.53N:171.28E,h228km,mb5.8/75,Error ellipse: s-maj=4.4km s-min=3.2km az=105.0
BUJ 10 10:05:24.3:0.0:36.63N:171.23E,h216km,mb5.6/58, mb5.6/90
NMC 10 10:05:25.5:2.6:36.71N:70.96E,h203km,27km,mb5.7, mpv6.8,Error ellipse: s-maj=27.6km s-min=12.7km az=161.0

3.96 00000", 1.112.00000". NP2:0.65.00000", 8.57.00000", 1.75.00000". Principal axes: T 10.2433, Plg73.0000", Azm295.0000", N -1.0126, Plg13.0000", Azm73.0000", P -9.2307, Plg11.0000", Azm166.0000", NEIC 10 10:05:36.9, 36.87N, 71.08E, h234km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; Mr:7.1; Mw:4.07; Mww:2.64; Mw:3.44; Mw:0.69; Mr:1.75; Fault plane solution: M:6.74000x10¹⁷ NP1:0.247.96000", 8.27.59000", 1.92.47000". NP2:0.65.17000", 8.62.44000", 1.88.71000". Principal axes: T 7.9239, Plg73.0000", Azm332.0000", N -2.3693, Plg1.0000", Azm66.0000", P -5.5546, Plg17.0000", Azm156.0000", ISC 10 10:05:25.4, 0.2, 36.49N, 0.02, 71.25E, 0.02, h226km, 1km, h226km:pp-P, n1743, r1655/2178, mb5.172, 5.820C-147D, Fault plane solution: NP1:0.235.56340", 0.38.67000", 1.95.64098". NP2:0.48.35265", 0.51.54575", 1.85.50116". Principal axes: T Plg82.6463", Azm292.6729", N Plg3.5217", Azm51.1540", P Plg6.4474", Azm141.5524", 1.70.53774". NP2:0.289.66437", 0.43.67173", 1.11.72511". Principal axes: T Plg74.8072", Azm286.7886", N Plg14.8092", Azm93.5870", P Plg3.3171", Azm184.4651", Afghanistan-Tajikistan border region

Code	Station Name	AZ	Op	ISC	Time	Res
					h m s	ISC
GAR	Garm	2.62 344	S	Pn	10 06 11.5	-0.7
KBL	Kabul	2.65 224	PN	Pn	10 06 12.6	-0.2
KBL	Kabul	2.65 224	PN	Pn	10 06 12.6	-0.2
KBL	Kabul	2.65 224	P	Pn	10 06 12.3	-0.5
KBL	SNR=3266					
CEP	Cherat	2.71 168	S	S	10 06 47.7	-2.0
CHGR	Chuyangaron	3.73 323	S	Pn	10 06 47.0	-3.9
CHGR	Karanyi	2.02 83	S	Pn	10 06 15.5	-1.0
CHGR	Chirah Chowk	3.27 149	P	Pn	10 06 20.0	+0.5
NIL	Nilore	3.27 149	PN	Pn	10 06 20.2	+0.7
NIL	Nilore	3.27 149	PN	Pn	10 06 20.2	+0.7
BTk	Batken	3.58 355	PN	Pn	10 06 23.4	+0.2
BTk	Batken	3.58 355	PN	Pn	10 06 23.4	+0.2
THW	Thamme Wali	3.70 174	P	Pn	10 06 24.5	-0.2
SRNI	Srinagar	3.78 128	iS	Pn	10 07 09.0	-3.8
SARP	Sargodha	4.07 165	P	Pn	10 06 36.0	-0.8
KSH	Kashi	4.80 49	P	Pn	10 06 32.6	-5.4
KSH			S	Smax	10 07 23.5	-12
KSH			Smax	Smax		
KSH	comp=N, 149um, 0.9s					
IUG	luzhnay	5.73 351	eP	Pn	10 06 52.1	+2.5
IUG	luzhnay	5.73 351	eP	Pn	10 07 53.5	-3.1
IUG	53um, 0.5s					
IUG	luzhnay	5.73 351	iP	Pn	10 06 49.1	-0.5
IUG	luzhnay	5.73 351	eP	S	10 06 49.1	-0.5
IUG	luzhnay	5.73 351	dP	S	10 07 53.4	-3.2
IUG	luzhnay	5.73 351	eP	S	10 07 53.4	-3.2
AML	Almayashu	5.95 18	P	Pn	10 06 51.8	-0.9
AML	Almayashu	5.95 18	P	Pn	10 06 51.7	-0.9
AML	Almayashu	5.95 18	P	Pn	10 06 51.9	-0.7
CHM	Chimkent	5.95 348	eS	Pn	10 08 00.8	-1.0
UCH	Uchtor	6.27 23	P	Pn	10 06 56.1	-0.6
KZA	Kyzart	6.39 28	P	Pn	10 06 56.8	-1.4
DZA	Taraz	6.40 1	eP	Pn	10 07 00.1	+2.1
DZA	22um, 0.4s					
DZA	50um, 0.6s					
DZA	Taraz	6.40 1	eP	Pn	10 06 57.2	-0.9
DZA	Taraz	6.40 1	eP	Pn	10 08 06.9	-5.0
DZA	Taraz	6.40 1	eP	Pn	10 06 57.1	-0.9
MRKS	Merke	6.43 13	eP	Pn	10 06 59.9	+1.3
MRKS	13um, 0.5s					
MRKS	28um, 0.7s					
EKS2	Erkin-Say	6.47 17	P	Pn	10 06 58.4	-0.7
AAK	Ala-Archa	6.63 21	P	Pn	10 07 00.8	-0.4
AAK	2um, 0.3s, baz=200, slow=7.0, SNR=1325					
AAK	360nm, 0.3s, baz=332, slow=23, SNR=25					
AAK	Ala-Archa	6.63 21	P	Pn	10 07 00.8	-0.4
AAK	SNR=407					
AAK	Ala-Archa	6.63 21	iP	Pn	10 07 00.8	-0.4
AAK	SNR=956					
AAK	Ala-Archa	6.63 21	iP	Pn	10 07 00.8	-0.4
AAK	6um, 0.5s					
AAK	Ala-Archa	6.63 21	iP	Pn	10 08 15.0	-2.5
AAK	Ala-Archa	6.63 21	eP	Pn	10 07 00.4	-0.8
AAK	Ala-Archa	6.63 21	eP	Pn	10 07 00.7	-0.4
AAK	Ala-Archa	6.63 21	eP	Pn	10 08 15.5	-2.0
AAK	Ala-Archa	6.63 21	eP	Pn	10 08 15.5	-2.0
KK31	Karatay Array	6.63 355	P	Pn	10 06 59.9	-1.1
KK31	4um, 0.6s, baz=176, slow=12					
KK31	3um, 0.4s					
KK31	Karatay Array	6.63 355	PN	Pn	10 06 59.6	-1.4
KK31	Karatay Array	6.63 355	PN	Pn	10 06 59.6	-1.4
KKAR	Karatay Array	6.63 355	PN	Pn	10 06 59.6	-1.4
KKAR	Karatay Array	6.63 355	PN	Pn	10 06 59.6	-1.4
KKAR	Karatay Array	6.63 355	PN	Pn	10 07 00.0	-1.0
KKAR	Karatay Array	6.63 355	PN	Pn	10 07 00.0	-1.0
KBK	Karagaybulak	6.79 24	P	Pn	10 07 02.7	-0.5
FRU1	Bishkek	6.83 21	PN	Pn	10 07 03.5	-0.1
FRU1	Bishkek	6.83 21	PN	Pn	10 07 03.5	-0.1
FRU1	Uljol	6.93 32	P	Pn	10 07 03.8	-1.2
FRU1	SNR=456					
BOOM	Boomsokoye usch	7.01 30	PN	Pn	10 07 05.3	-0.6
BOOM	Boomsokoye usch	7.01 30	PN	Pn	10 07 05.3	-0.6
CHMS	Chumysh	7.04 21	P	Pn	10 07 05.2	-1.0
USP	Ospenovka	7.22 19	P	Pn	10 07 07.0	-1.5
TKM2	Tokmak 2	7.25 26	P	Pn	10 07 08.3	-0.8
TKM2	Tokmak 2	7.25 26	iP	Pn	10 07 08.6	-0.5
TKM2	Tokmak 2	7.25 26	iP	S	10 08 28.3	-3.5
SMLA	Simla	7.26 136	eP	Pn	10 07 08.6	-0.5
SMLA			eS	Pn	10 08 27.0	-5.0
SMLA			IAML	Pn	10 08 33.0	
TARG	Taragay, Kyrgy	7.30 42	PN	Pn	10 07 09.1	-0.9
SGDS	Sogindiy	7.42 19	iP	Pn	10 07 09.7	-1.5
SGDS			eS	S	10 08 23.0	-1.3
SGDS	Sogindiy	7.42 19	eP	PN	10 07 09.6	-1.5
GST	Kastek	7.49 28	eP	Pn	10 07 13.6	+1.6
KST			eS	S	10 08 30.7	-6.6
DGS	Degeres	7.59 26	eP	Pn	10 07 14.1	+0.8
DGS	comp=E, 6um, 1.6s					
DGS	comp=E, 3um, 0.7s					
HRA	Herat	7.65 257	PN	Pn	10 07 13.3	-1.0
AAA	Alma-Ata	8.00 31	iP	Pn	10 07 18.1	-0.5
AAA	Alma-Ata	8.00 31	iP	Pn	10 08 42.0	-7.3
AAA	Alma-Ata	8.00 31	eP	PN	10 07 18.6	0.0
MDOk	Medeo	8.02 32	eP	Pn	10 07 21.7	+2.8
MDOk	comp=E, 1um, 0.7s					
MDOk			eS	S	10 08 44.8	-5.1
MDOk	comp=E, 1um, 1.4s					
MDOk	Medeo	8.02 32	iP	Pn	10 07 18.0	-0.9
MDOk	Medeo	8.02 32	iP	Pn	10 08 32.8	-1.7
MDOk	Medeo	8.02 32	iP	Pn	10 07 18.0	-0.9
MDOk	Medeo	8.02 32	iP	PN	10 07 17.9	-0.9
MDOk	Medeo	8.02 31	iP	PN	10 07 19.1	+0.1
MDOk	Przheval'sk	8.15 40	PN	Pn	10 07 19.9	-0.7
PRZ	Przheval'sk	8.15 40	PN	Pn	10 07 19.9	-0.7
KUU	Kurty	8.36 26	iP	Pn	10 07 21.1	-2.0
KUU			eS	S	10 08 38.3	-1.9
DDI	Dehra Dun	8.37 135	eP	IAMB	10 07 22.5	-0.9
DDI			IAMB	IAMB	10 07 25.0	
DDI			eS	S	10 08 52.8	-5.4
DDI			IAML	S	10 09 02.8	
SATY	Saty	8.57 38	iP	Pn	10 07 23.9	-2.0
SATY			eS	S	10 08 40.2	-2.2

Code	Station Name	Time	Res	ISC	Time	Res
		h m s	ISC		h m s	ISC
CHKK	Chushkaly	8.57 29	iP	Pn	10 07 23.8	-2.0
BTLS	Baital	8.80 13	iP	Pn	10 07 27.4	-1.4
BTLS			eS	S	10 08 50.4	-1.8
UZB	Uzynbulak	8.94 40	eP	Pn	10 07 29.0	-1.7
KPKS	Kokpek	9.00 37	iP	Pn	10 07 29.8	-1.7
KPKS	Kokpek	9.00 37	iP	PN	10 07 29.7	-1.7
SHLS	Shalkode	9.18 41	iP	Pn	10 07 35.0	+1.2
SHLS	Shalkode	9.18 41	iP	Pn	10 07 34.9	+1.2
ARXS	Arharly	9.20 31	eP	Pn	10 07 31.9	-2.1
NDI	New Delhi	9.26 145	eP	Pn	10 07 33.5	-1.3
PDGK	Podgomoye	9.31 40	iP	Pn	10 07 33.8	-1.7
TDK	Taldyqorghan	10.09 30	iP	Pn	10 07 43.2	-2.0
TDK	Taldyqorghan	10.09 30	iP	Pn	10 07 43.2	-2.0
ASHT	Ashkhabad	10.37 282	P	Pn	10 07 47.5	-1.3
ASHT	Ashkhabad	10.37 282	P	Pn	10 07 47.5	-1.3
GEYT	Alibek	10.58 282	P	Pn	10 07 49.7	-1.7
GEYT	comp=E, 37nm, 0.3s, baz=111, slow=11, SNR=131					
GEYT	comp=E, 17nm, 0.3s, baz=310, slow=53, SNR=1.7					
GEYT	Alibek	10.58 282	P	Pn	10 07 49.4	-2.2
GYA0B	ALIBEK ARRAY	10.58 282	iP	Pn	10 07 48.7	-2.6
GYA0B			iS	S	10 09 40.6	-1.0
GYA0B	ALIBEK ARRAY	10.58 282	P	Pn	10 07 49.6	-2.0
OTUK	Ortayu	11.78 4	PN	Pn	10 08 05.4	-1.2
PYUN	Makanchi	12.07 127	eP	Pn	10 08 20.1	-1.8
MAKZ	Makanchi	13.95 34	iP	Pn	10 08 21.2	-1.3
MAKZ	comp=E, 981nm, 0.4s					
MAKZ	Makanchi	13.05 34	P	Pn	10 08 21.6	-0.9
MAKZ	Makanchi	13.05 34	P	Pn	10 08 21.6	-0.9
MAK31	Makanchi Array	13.19 35	P	Pn	10 08 22.8	-1.3
MAK31	comp=E, 225nm, 0.4s, baz=216, slow=14, SNR=7553					
MKAR	Makanchi Array	13.18 35	P	Pn	10 08 22.6	-1.5
MKAR	comp=E, 56nm, 0.3s, baz=215, slow=12, SNR=343					
MKAR	comp=E, 4.2nm, 0.3s, baz=215, slow=14, SNR=1.7					
MKAR	comp=E, 0.4nm, 0.3s, baz=213, slow=2, SNR=5.4					
MKAR	baz=275, slow=4.4, SNR=4.9					
MKAR	Makanchi Array	13.18 35	iP	Pn	10 08 22.6	-1.5
MKAR	comp=E, 276nm, 0.5s					
DANN	Dangising	13.31 124	eP	Pn	10 08 24.6	-1.6
BRZS	Berezni	13.53 4	iP	Pn	10 08 26.3	-2.1
BRZS	Berezni	13.53 4	iP	Pn	10 08 26.2	-2.1
KOLN	Koldanda	13.59 126	eP	Pn	10 08 28.2	-1.3
GKN	Gorkha	14.12 123	eP	Pn	10 08 34.6	-1.4
BHPL	Bhopal	14.24 156	eP	IAMB	10 08 35.4	-1.9
BHPL			IAMB	IAMB	10 08 42.0	
BHPL	comp=E, 49um, 0.9s					
BHPL			eS	S	10 11 08.1	-6.8
BHPL			IAML	S	10 11 09.9	
WMQ	Urumqi	14.54 55	P	Pn	10 08 40.5	-0.3
WMQ			S	S	10 11 18.3	-3.3
WMQ	comp=N, 460nm, 0.9s					
WMQ			pmax	pmax		
WMQ	comp=N, 3um, 4.1s					
WMQ	Urumqi	14.54 55	P	Pn	10 08 41.1	+0.3
WMQ	Urumqi	14.54 55	P	Pn	10 08 41.1	+0.3
DMN	Daman	14.69 123	eP	Pn	10 08 42.4	-0.7
KKN	Kakani	14.70 122	eP	Pn	10 08 42.1	-1.0
KKN			eS	S	10 11 18.2	-7.5
ZSN	Zaisan	14.89 38	iP	Pn	10 08 43.0	-2.0
ZSN	Zaisan	14.89 38	iP	Pn	10 08 43.0	-2.0
PKIN	Phulchoki	14.91 123	eP	Pn	10 08 45.0	-0.7
PKI	Pulchoki	14.92 123	eP	Pn	10 08 45.0	-0.9
GUN	Gumba	15.03 121	eP	Pn	10 08 46.5	-0.8
KURBB	Kurchatov Arra	15.07 18	P	Pn	10 08 45.2	-1.9
KURBB						

10d 10h

2015 AUG

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like MNK, MNSK, DAT, SKNT, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like APA, MTSE, JMWV, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MODS, KEV, TPTI, etc.

SOKA	comp=Z,66nm,0.6s,SNR=113	eP	pP	10 13 48.5 +2.6	CLL	comp=N,400nm,26.6s	eS	S	10 19 18.0 +2.6	STAL	STALIGAL	44.10 302	P	P	10 13 10.8 -0.4
SOKA	comp=Z,136nm,1.3s	eS	sP	10 14 12.6 +1.1	CLL	comp=E,1µm,27.3s	eS	SS	10 20 34.0 -7.7	STAL	TJOU		iP	pP	10 14 00.3 +1.0
PRU	comp=Z,59nm,0.8s	eS	sP	10 12 58.6 +0.6	CLL		eSS	SS	10 23 20.0 -7.7	STAL	Tjoem	44.10 319	iP	pP	10 14 10.2 -0.7
PRU	Pruhonice	42.47 307	eP	10 19 01.5 -0.9	CLL		eSSS	SSS	10 23 44.0	NEUB	Neuenburg	44.14 309	eP	pP	10 13 11.4 +0.1
PRU			eS	10 22 17.2 -3.9	CLL	Colim	43.36 309	iP	10 24 30.0	NEUB		comp=Z,476nm,1.4s,baz=85,slow=7.8	eP	pP	10 14 01.8 +2.2
PRU	Pruhonice	42.47 307	eP	10 12 58.6 +0.6	CLL		ePP	pP	10 13 05.2 0.0	NEUB	baz=84,slow=8.0		eS	pP	10 14 28.7 +3.5
PRU			eS	10 19 01.5 -0.9	CLL		i/SP	sP	10 13 55.0 +1.8	NEUB	baz=84,slow=8.0		eS	pP	10 19 27.9 +1.3
PRU			eSS	10 22 17.2 -3.9	CLL		eS	pmax	10 14 21.0 +2.1	NEUB	baz=84,slow=15		eS	S	10 20 52.6 -0.6
ZIRJ	Zirje	42.47 297	P	10 12 57.1 -1.0	CLL	comp=Z,298nm,1.6s			10 19 18.0 +2.6	NEUB	baz=84,slow=15		eSS	SS	10 23 02.6 +1.2
PRA	Prague	42.53 307	eP	10 12 59.7 +1.2	CLL	Colim	43.36 309	eP	10 13 05.0 -0.1	NEUB	baz=84,slow=15		eSS	SS	10 13 12.6 +0.8
PRA	Prague	42.53 307	eP	10 12 59.7 +1.2	CLL	comp=Z,298nm,1.6s,baz=85,slow=7.8			10 13 05.0 +2.1	NEUB	baz=84,slow=15		eSS	SS	10 20 02.6 +1.2
PRA			eSS	10 22 24.5 +2.2	CLL	baz=84,slow=8.0			10 14 22.1 +3.2	MNSI	mandalling Nat	44.15 137	P	P	10 13 12.6 +0.8
LNIZ	Loecknitz	42.55 312	eP	10 12 58.5 -0.1	CLL	baz=84,slow=8.0			10 13 55.1 +2.1	ABTA	Abfattersbach	44.16 302	eP	P	10 13 11.1 -0.6
LNIZ	comp=Z,472nm,1.2s,baz=85,slow=7.8		eP	10 13 48.6 +2.2	CLL	baz=84,slow=15			10 20 41.1 -0.6	ABTA	comp=Z,20nm,0.9s		eS	pP	10 14 01.2 +1.3
LNIZ	baz=84,slow=8.0		eS	10 14 15.3 +2.8	CLL	baz=84,slow=8.0			10 13 05.7 +0.8	ABTA	comp=Z,52nm,1.4s		eS	sP	10 14 25.2 -0.3
LNIZ	baz=84,slow=15		eS	10 19 03.1 -0.4	CLL	baz=84,slow=15			10 13 05.7 +0.1	PBSI	Pulau Batu	44.16 139	P	P	10 13 13.6 +1.7
LNIZ	baz=84,slow=15		eSS	10 20 27.6 -2.0	CLL	baz=84,slow=15			10 19 10.0 +2.8	PBSI	comp=Z,6µm,comp=Z,489nm,0.9s		P	P	10 13 14.2 +2.2
LNIZ	baz=87,slow=21		eSS	10 22 32.5 -2.2	CLL	baz=84,slow=15			10 13 05.8 +0.1	PYTK	Pyeongtaek	44.20 72	P	P	10 13 13.9 +1.8
PDKS	Podkum	42.55 301	eP	10 12 59.5 +0.7	TRO	Tromso	43.37 336	eP	10 13 56.0 +2.3	kscwo	Cheorwon	44.20 70	P	P	10 13 13.9 +1.8
TIP	Timpagrande	42.58 291	P	10 12 58.1 -1.1	CADS	Cadgry	43.40 302	iP	10 14 20.6 +1.3	kscwo	Cheorwon	44.20 70	P	P	10 13 12.9 +0.7
GSI	Gunungsitoli	42.65 139	P	10 13 10.1 +1.1	CADS		eP	P	10 13 06.2 +0.3	MDJ	Mudanjiang	44.23 61	P	P	10 14 00.1 -1.4
GSI	Gunungsitoli	42.65 139	P	10 13 01.6 +1.7	MYKA	Terra Mystica	43.41 302	eP	10 13 07.4 +0.9	MDJ			pP	sP	10 19 28.2 0.0
CKRC	Cesky Krumlov	42.71 305	eP	10 13 00.4 +0.4	MYKA	comp=Z,20nm,0.6s,SNR=26			10 13 08.3 +1.4	MDJ			S	pmax	10 13 16.0 +3.3
CKRC			eX	10 12 11.5	MYKA	comp=Z,80nm,1.6s			10 13 07.6 +0.7	MDJ	comp=Z,110nm,1.8s		pmax	pmax	10 13 13.0 +0.5
SGRT	San Giovanni R	42.76 295	iAmb	10 14 19.2	MYKA	comp=Z,110nm,1.7s			10 13 07.6 +0.7	MDJ	comp=Z,1µm,3.7s	44.28 70	P	P	10 13 13.0 +0.5
BRG	Berggiesshubel	42.79 308	eP	10 13 01.0 +0.4	FABU	Falkenberg	43.47 317	iP	10 13 56.8 +1.8	MDJ			pP	pP	10 14 03.5 +2.6
BRG	comp=Z,336nm,1.3s,baz=85,slow=7.8		eP	10 14 17.5 +3.1	GORU	Goraas	43.47 318	iP	10 13 07.6 +0.4	MDJ			sP	sP	10 19 31.4 +2.5
BRG	baz=84,slow=8.0		eS	10 19 09.1 +1.9	KSGAH	Garhwa	43.49 71	P	10 14 24.3 +3.3	MDJ			S	pmax	10 20 56.1 +0.6
BRG	baz=84,slow=8.0		eS	10 20 33.5 +0.1	MSEY	Mahe Island	43.52 203	P	10 19 22.2 +3.0	MDJ			S	SS	10 23 06.2 +1.3
BRG	baz=84,slow=15		eSS	10 22 28.4 +1.0	MSEY	Mahe Island	43.52 203	P	10 19 22.0 +1.3	MDJ			S	SS	10 13 17.2
BRG	baz=84,slow=15		eSS	10 13 01.4 +0.7	MSEY	Mahe Island	43.52 203	P	10 22 32.8 -8.9	YHNB	Yeheng	44.29 91	iAmb	iAmb	10 13 14.0 +1.1
BRG	baz=87,slow=21		eSS	10 13 03.3	MSEY	Koelnbreinspre	43.55 303	eP	10 13 09.4 +1.5	GOGB	Gochang-gun	44.31 74	P	P	10 13 14.0 +1.1
BRG	Berggiesshubel	42.79 308	iP	10 13 03.3	MSEY	comp=Z,23nm,0.5s,SNR=34			10 13 08.6 +0.5	GOGB	Gochang-gun	44.31 74	P	P	10 13 14.0 +1.1
BRG	comp=Z,337nm,1.3s		Amp	10 13 51.6 +3.0	WET	Wetzell	43.62 306	eP	10 13 08.6 +0.5	GOGB	Gochang-gun	44.31 74	P	P	10 13 14.0 +1.1
BRG			pP	10 13 55.4	WET	comp=Z,331nm,2.0s,baz=85,slow=7.8			10 13 11.8	AQU	L'Aquila	44.34 296	iP	P	10 13 13.4 +0.3
BRG			pP	10 19 01.0 -6.2	WET	baz=84,slow=8.0			10 13 11.8	SSLB	Suanglung	44.36 92	iAmb	iAmb	10 14 09.4
BRG	comp=Z,104nm,1.2s		SS	10 22 32.0 +4.6	WET	baz=84,slow=15			10 13 09.9 +1.8	KSCEA	Cheonan	44.37 72	P	P	10 13 14.6 +1.2
BRG	Berggiesshubel	42.79 308	SS	10 32 22.0	WET	baz=87,slow=21			10 13 09.9 +1.8	KSJDO	Jindo	44.37 76	P	P	10 13 14.7 +1.2
BRG	comp=N,0.6nm,16.1s		Amp	10 32 25.0	WET	baz=87,slow=21			10 13 09.9 +1.8	KOJZ	Kongju-si	44.38 73	P	P	10 13 15.2 +1.7
BRG	comp=Z,1.3nm,19.6s		Amp	10 32 27.0	KSMUS	Musan	43.68 71	P	10 13 09.9 +1.8	STRU	Stroemstad	44.39 320	iP	P	10 13 12.8 -0.3
BRG	comp=E,0.7nm,18.6s		eP	10 13 01.3 +0.4	INCN	Inchon	43.70 71	P	10 13 08.9 -0.1	FLTG	Flechtingen	44.39 311	eP	P	10 13 13.0 -0.3
OBKA	Obir	42.80 302	eP	10 13 01.3 +0.4	INCN	Inchon	43.70 71	P	10 13 59.4 +2.1	FLTG	baz=84,slow=8.0		eP	pP	10 14 03.3 +1.7
OBKA	comp=E,13nm,0.5s,SNR=31		eS	10 13 15.5 +2.7	INCN	Inchon	43.70 71	P	10 14 25.7 +2.8	FLTG	baz=84,slow=15		eS	S	10 19 31.2 +1.0
OBKA	comp=E,123nm,1.6s		eS	10 14 15.9 +1.5	INCN	Inchon	43.70 71	P	10 19 22.9 +0.4	FLTG	baz=84,slow=15		eS	SS	10 20 55.5 -1.3
OBKA	comp=E,128nm,1.4s		sP	10 12 59.6 -1.1	INCN	Inchon	43.70 71	P	10 20 49.1 +0.2	FLTG	baz=87,slow=21		eSS	SS	10 23 06.0 +1.1
DEL	Delary	42.81 317	iP	10 13 00.7 -0.1	INCN	Inchon	43.70 71	P	10 22 38.7 -4.5	NC303	NORSAR Array S	44.46 323	iAmb	iAmb	10 13 19.9
RUE	Ruedersdorf	42.83 311	eP	10 13 51.0 +2.2	INCN	Inchon	43.70 71	P	10 13 09.6 +0.6	NB201	NORSAR Array S	44.48 323	iAmb	iAmb	10 13 16.1
RUE	comp=Z,466nm,1.2s,baz=85,slow=7.8		eP	10 14 17.5 +3.0	WERN	Wernitzgruen	43.83 308	eP	10 14 09.6 +0.6	NB2	NORSAR Subarra	44.52 323	P	P	10 13 14.2 0.0
RUE	baz=84,slow=8.0		eS	10 19 07.8 +0.3	WERN	comp=Z,367nm,2.0s,baz=85,slow=7.8			10 14 26.4 +3.5	NB2	NORSAR Subarra	44.52 323	P	P	10 13 14.2 0.0
RUE	baz=84,slow=8.0		eS	10 20 31.7 -2.0	WERN	baz=84,slow=8.0			10 14 26.4 +3.5	NOA	NORSAR Array B	44.52 323	P	P	10 13 13.3 -1.0
RUE	baz=87,slow=21		eSS	10 22 25.7 -2.2	WERN	baz=84,slow=8.0			10 13 09.6 +0.5	NOA	comp=Z,122nm,1.4s,baz=96,slow=7.7,SNR=601		pP	pP	10 14 03.6 +0.7
DUGI	Dugi Otok	42.83 298	P	10 13 00.2 -0.8	WERN	baz=84,slow=8.0			10 14 26.4 +3.4	NOA	comp=Z,41nm,1.0s,baz=101,slow=7.3,SNR=1.5		sP	sP	10 14 28.0 -0.4
MOA	Molin	42.83 304	iP	10 13 01.2 +0.2	WERN	baz=84,slow=8.0			10 13 09.0 +0.1	NOA	comp=Z,105nm,1.2s,baz=101,slow=7.3,SNR=2.0		sP	sP	10 15 01.4 -1.4
MOA	comp=E,54nm,1.0s,SNR=65		eP	10 13 51.0 +2.1	WERN	baz=84,slow=8.0			10 13 59.8 +1.7	KSCHC	Chuncheon	44.52 71	P	P	10 13 16.0 +1.4
MOA	comp=E,84nm,1.4s		eS	10 14 15.4 +0.6	WERN	baz=84,slow=8.0			10 14 52.5	KSCHC	Chuncheon	44.52 71	P	P	10 13 17.1 +2.6
MOA	comp=E,77nm,1.4s		eS	10 13 01.5 +0.4	WERN	baz=84,slow=8.0			10 20 44.1 +4.4	KSJEU	Jeongjeup	44.52 74	P	P	10 13 15.4 +0.9
JETT	Jettan, Norway	42.85 336	eP	10 13 02.2 +0.8	WERN	baz=84,slow=8.0			10 15 54.6	KSJEU	Jeongjeup	44.52 74	P	P	10 13 15.1 +0.5
NVLI	Novolja	42.87 299	P	10 13 02.2 +0.8	WERN	baz=84,slow=8.0			10 13 01.7 +1.1	TJN	Taejon	44.58 73	eP	P	10 13 15.6 +0.6
LJU	Ljubljana	42.88 301	eP	10 13 51.5 +2.2	GUNZ	Gunzen	43.85 308	eP	10 13 02.9 +0.5	EMSB	Emseong	44.60 72	P	P	10 13 16.0 +0.8
LJU			eP	10 14 15.2 +0.2	GUNZ	comp=Z,242nm,1.5s,baz=85,slow=7.8			10 13 52.5 +2.2	EMSB	Emseong	44.60 72	P	P	10 13 16.0 +0.8
LJU			eP	10 14 47.4 -0.5	GUNZ	baz=84,slow=8.0			10 15 43.6	EMSB	Emseong	44.60 72	P	P	10 13 18.0 +2.7
LJU			eP	10 18 15.4 -1.7	GUNZ	baz=84,slow=8.0			10 13 09.0 +0.1	EMSB	Emseong	44.60 72	P	P	10 13 18.0 +2.7
LJU			eS	10 19 09.7 +1.1	YAK	Yakutsk	43.86 35c	iP	10 13 09.0 +0.1	GRA1	Grafenberg Arr	44.63 307	iAmb	iAmb	10 13 19.8
LJU			eS	10 20 36.5	YAK	Yak		ePP	10 13 59.8 +1.7	GRA1	Yakutsk	44.63 307	eP	P	10 13 16.4 +1.1
RABC	Rab	42.90 299	P	10 13 00.9 -0.6	YAK	Yak		eS	10 19 35.5 +1.2	GRF	Grafenberg Arr	44.63 307	eP	P	10 14 07.4 +3.7
CEV	Cerknica	42.99 301	eP	10 13 02.9 +0.5	YAK	Yak		eS	10 20 44.4 +4.4	GRF	baz=84,slow=8.0		eS	S	10 19 37.9 +4.0
CEV			eP	10 13 52.5 +2.2	YAK	Yak		eSS	10 22 48.1	GRF	baz=84,slow=15		eS	S	10 21 02.1 +1.5
CEV			eP	10 14 15.8 -0.2	YAK	Yak		e	10 13 12.0 +2.2	GRF	baz=84,slow=15		eS	SS	10 23 06.9 +0.8
CEV			e	10 15 54.6	YAK	comp=Z,432nm,0.9s		pmax	10 13 09.0 -0.5	GRFO	baz=87,slow=21		eSS	SS	10 13 16.5 +1.2
RIY	Rijeka	43.02 300	P	10 13 01.7 +0.1	YAK	comp=E,135nm,1.4s		pmax	10 13 09.3 -0.1	GRFO	comp=Z,708nm,1.7s		pmax	pmax	10 13 16.5 +1.2
LUNU	Lund	43.02 315	iP	10 13 02.4 +0.5	YAK	comp=N,28nm,0.7s		pmax	10 13 10.3 +0.4	GRFO	comp=Z,708nm,1.7s		iAmb	iAmb	10 13 19.8
CRNS	Crni Vrh	43.06 301	eP	10 13 03.4 +0.5	YAK	comp=N,28nm,0.7s		pmax	10 13 10.3 +0.4	GRFO	comp=Z,708nm,1.7s		iAmb	iAmb	10 13 19.8
CRNS			eS	10 14 16.0 -0.4	YAK	comp=E,703nm,1.9s		smax	10 13 10.3 +0.4	GRFO	comp=Z,708nm,1.7s		iAmb	iAmb	10 13 19.8
RGN	Rugen	43.08 314	eP	10 13 03.3 +0.5	YAK	comp=N,351nm,2.0s		smax	10 13 10.3 +0.4	GRFO	comp=Z,708nm,1.7s		iAmb	iAmb	10 13 19.8
RGN	comp=E,2µm,1.4s,baz=85,slow=7.8		eP	10 13 53.5 +2.7	YAK	comp=N,351nm,2.0s		smax	10 13 10.3 +0.4	GRFO	comp=Z,70				

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PNCL, PMAFR, LIS, MORF, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MOPA, MOPANI, TOLK, SAUI, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like EPYK, M19K, LIC, RND, etc.

GLI	baz=331	78.04	18	P	P	10 16 58.4	-0.2
GLI	Glacier Island						
GLI	baz=329,SNR=12			S	S	10 26 30.9	-2.1
BRSE	Bradley Lake S	78.04	20	P	P	10 16 58.0	-0.7
SEW	Seward	78.09	20	P	I	10 16 58.4	-0.4
SEW	comp=Z,299nm,1.4s			I	Amb	10 17 00.9	
SEW	Seward	78.09	20	P	P	10 16 58.7	-0.1
SEW	baz=328,SNR=26			S	S	10 26 31.7	-1.7
DIV	Divide	78.15	17	I	Amb	10 17 01.9	
FID	Port Fidalgo	78.31	18	I	Amb	10 17 02.7	
GLB	Galihina Butte	78.33	16	I	Amb	10 17 03.0	
SDPT	Sand Point	78.41	27	P	P	10 16 59.7	-0.9
MCARA	McCarthy VSAT	78.56	16	P	P	10 17 01.8	+0.4
MCARA	baz=332			S	S	10 26 37.8	-0.8
BMRM	Bremner River	78.57	17	P	P	10 17 02.0	+0.5
BMRM	baz=331,SNR=51			S	S	10 26 38.7	0.0
VRDI	Verde Repeater	78.60	16	P	I	10 17 02.2	+0.4
VRDI	comp=Z,158nm,0.9s			I	Amb	10 17 05.3	
EYAK	Cordova Ski Ar	78.66	18	P	P	10 17 02.8	+0.9
CRQM	Cirque	79.09	16	I	Amb	10 17 07.3	
CRQE	Cirque	79.11	16	P	P	10 17 04.7	+0.2
KDAK	Kodiak Island	79.14	22	P	P	10 17 04.9	+0.4
KDAK	comp=Z,310nm,0.8s, baz=337,slow=3.6,SNR=157			pP	pP	10 18 01.0	+1.4
KDAK	Kodiak Island	79.14	22	P	P	10 17 05.0	+0.4
KDAK	comp=Z,86nm,0.9s, baz=23,slow=2.9,SNR=3.7			pP	pP		
KDAK	Kodiak Island	79.14	22	P	P	10 17 05.0	+0.4
KDAK	comp=Z,301nm,0.9s			pmax	pmax		
KDAK	Kodiak Island	79.14	22	P	P	10 17 05.0	+0.4
KDAK	Kodiak Island	79.14	22	P	P	10 17 04.6	+0.1
KDAK	baz=326			S	S	10 26 44.2	-0.5
CHNA	Chernabura Isl	79.14	27	P	P	10 17 03.9	-0.7
CHNA	baz=321,SNR=35			S	S	10 26 42.8	-1.9
BARN	Barnard Glacie	79.15	16	I	Amb	10 17 08.6	
TGL	Tana Glacier	79.17	16	I	Amb	10 17 08.2	
HMT	Hamilton	79.21	17	P	I	10 17 06.2	+1.3
HMT	comp=Z,182nm,1.0s			I	Amb	10 17 08.0	
CHG	Chitna Glacier	79.31	16	P	P	10 17 06.5	+0.8
OTAK	Old Harbor	79.38	23	P	P	10 17 06.3	+0.4
ISLE	Juniper Island	79.41	16	I	Amb	10 17 09.5	
WAX	Waxell Ridge	79.43	16	I	Amb	10 17 09.4	
Q23K	Middleton Isla	79.48	18	P	P	10 17 07.0	+0.6
LOGN	Logan Glacier	79.50	15	P	I	10 17 06.8	+0.1
LOGN	comp=Z,167nm,0.8s			I	Amb	10 17 09.8	
KAIM	Kayak Island	79.53	17	P	P	10 17 06.6	-0.1
BGLG	Bering Glacier	79.63	17	P	P	10 17 07.0	-0.2
SII	Sitkinak Islan	79.64	24	P	P	10 17 07.9	+0.6
CHIR	Chirikof Islan	79.76	25	P	P	10 17 08.5	+0.5
YAH	Yahstse	79.76	16	I	Amb	10 17 11.3	
MESA	MESA	79.88	16	I	Amb	10 17 12.0	
MESA	comp=Z,174nm,0.8s			P	P	10 17 10.0	+1.2
HYT	Haines Junctio	80.22	14	I	Amb	10 17 13.8	
PCA	Pinnacle	80.32	15	P	P	10 17 10.7	-0.3
PCA	comp=Z,249nm,0.9s			I	Amb	10 17 14.8	
PINM	Pinnacle	80.33	15	P	P	10 17 11.9	+0.9
YKA	Yellowknife Ar	81.25	3	P	P	10 17 15.9	+0.2
YKA	comp=Z,68nm,0.7s, baz=355,slow=5.2,SNR=141			pP	pP	10 18 12.2	+1.1
NWAO	Narrogin (SRO)	81.33	142	I	Amb	10 18 09.0	-2.7
NWAO	Narrogin (SRO)	81.33	142	I	Amb	10 18 14.7	
WBO	Warramunga Arr	81.73	122	I	Amb	10 17 20.6	
WRA	Warramunga Arr	81.81	122	P	P	10 17 18.4	-0.9
WRA	comp=Z,138nm,0.8s, baz=323,slow=4.8,SNR=1348			pP	pP	10 18 14.4	-0.2
WRA	comp=Z,72nm,0.9s, baz=320,slow=4.9,SNR=6.1			S	S	10 27 09.6	-3.8
WRA	comp=Z,2.6nm,1.0s, baz=290,slow=6.8,SNR=5.8			PKKPbc	PKKPbc	10 35 49.2	+0.9
WRA	comp=Z,3.6nm,0.5s, baz=132,slow=2.1,SNR=2.1			P	P	10 43 57.8	+5.4
WRAB	Tennant Creek	81.81	122	eP	eP	10 17 19.2	-0.1
WRAB	comp=Z,288nm,1.0s			pmax	pmax		
WRAB	Tennant Creek	81.81	122	P	P	10 17 18.2	-1.1
WRAB	comp=Z,243nm,0.9s			I	Amb	10 17 21.2	
SKAG	Skagway	81.90	13	I	Amb	10 17 23.2	
SKAG	comp=Z,193nm,1.1s			P	P	10 17 20.1	+0.9
SKAG	baz=339,SNR=23			S	S	10 27 15.3	+2.1
WRO	Warramunga Arr	81.96	122	I	Amb	10 17 21.8	
SCHQ	Schefferville	82.19	337	P	P	10 17 20.9	0.0
SCHQ	comp=Z,40nm,0.8s, baz=33,slow=4.7,SNR=38			pP	pP	10 18 16.9	+0.9
SCHQ	Schefferville	82.19	337	I	Amb	10 17 23.1	
BESE	Bessie Mountai	82.81	13	I	Amb	10 17 27.3	
WAKE	Wake Island	82.95	71	P	P	10 17 26.5	+1.2
SUR	Sutherland	83.18	221	P	P	10 18 21.2	-0.8
SUR	comp=Z,28nm,1.1s, baz=28,slow=5.0,SNR=7.7			pP	pP	10 17 27.3	+1.0
SUR	Sutherland	83.18	221	P	P	10 17 27.3	+1.0
DRLN	Deer Lake	83.30	329	I	Amb	10 17 29.3	
DLBC	Dease Lake	83.77	11	P	P	10 17 29.8	+0.8
DLBC	comp=Z,67nm,1.0s, baz=344,slow=5.2,SNR=62			pP	pP	10 18 26.1	+1.6
DLBC	Dease Lake	83.77	11	P	P	10 17 29.1	+0.2
DLBC	comp=Z,213nm,1.2s			I	Amb	10 17 32.1	
ASAR	Alice Springs	84.08	125	P	P	10 17 30.1	-0.8
ASAR	comp=Z,106nm,0.8s, baz=310,slow=4.9,SNR=742			pP	pP	10 18 26.6	-0.2
ASAR	comp=Z,76nm,0.9s, baz=319,slow=5.4,SNR=7.9			sP	sP	10 18 53.6	+3.2
ASAR	comp=Z,4.3nm,1.0s, baz=299,slow=4.9,SNR=5.5			S	S	10 27 27.9	-8.4
ASAR	comp=Z,1.6nm,0.6s, baz=124,slow=2.9,SNR=14			PKKPbc	PKKPbc	10 35 43.8	+0.5
ASAR	comp=Z,1.0nm,0.7s, baz=129,slow=1.8,SNR=4.4			PKKPab	PKKPab	10 36 43.0	
ASAR	comp=Z,0.9nm,0.9s, baz=136,slow=2.4,SNR=5.4			P	P	10 17 31.5	+0.8
SIT	Sitka	84.14	14	P	P	10 27 36.5	+0.6
SIT	baz=339,SNR=11			S	S	10 17 34.4	
FCC	Fort Churchill	84.32	352	I	Amb	10 17 34.4	
PMG	Port Moresby	84.40	106	eP	eP	10 17 32.6	-0.1
PMG	comp=Z,164nm,1.3s			pmax	pmax		
PMG	Port Moresby	84.40	106	P	P	10 17 32.9	+0.2
PMG	comp=Z,195nm,1.1s			I	Amb	10 18 32.5	
PMG	Port Moresby	84.40	106	P	P	10 17 33.0	+0.3
PMG	Port Moresby	84.40	106	P	P	10 17 32.8	+0.2
SACV	Santiago Islan	85.07	285	P	P	10 17 35.8	-0.3
RABL	Rabaul	85.18	99	P	P	10 17 36.7	+0.1
WRAK	Wrangell Islan	85.31	13	I	Amb	10 17 39.7	
WRAK	comp=Z,23nm,1.1s			P	P	10 17 37.3	+0.8
WRAK	Wrangell Islan	85.31	13	P	P	10 27 49.0	+1.6
WRAK	baz=341,SNR=15			S	S	10 27 54.8	
CRAG	Craig	86.06	14	P	P	10 17 41.1	+0.9
CRAG	baz=341,SNR=9.3			S	S	10 27 54.4	-0.3
DIB	Dawson Inlet,	88.33	14	I	Amb	10 17 53.8	
FFC	Flin Flon	88.97	356	P	P	10 17 54.2	+0.1
FFC	comp=Z,175nm,1.1s			pmax	pmax		
FFC	Flin Flon	88.97	356	P	P	10 17 54.1	+0.1
FFC	comp=Z,175nm,1.1s			I	Amb	10 17 56.7	
LMN	Caledonia Moun	88.98	331	I	Amb	10 17 59.6	
D63A	Stockholm	89.22	334	P	P	10 17 56.0	+0.6
D62A	Allapot, All	89.52	334	P	P	10 17 57.2	+0.3
E64A	Bridgewater	89.65	333	P	P	10 17 57.2	-0.2
E63A	Oxbow	89.86	333	P	P	10 17 57.8	-0.6
E62A	Olayon Lake	90.08	334	P	P	10 17 59.9	+0.4
BBB	Bella Bella	90.09	12	P	P	10 17 59.5	+0.2
BBB	comp=Z,2.1nm,1.0s, baz=336,slow=2.9,SNR=10.0			pP	pP	10 18 55.5	-0.1
F64A	Sherman	90.31	333	P	P	10 18 01.0	+0.4
CTAO	Charters Tower	90.35	115	P	P	10 18 00.5	-0.5
CTAO	comp=Z,136nm,0.9s			pmax	pmax	10 18 03.0	
CTAO	Charters Tower	90.35	115	P	P	10 18 00.5	-0.5
G65A	Princeton	90.58	332	P	P	10 18 02.2	+0.5
F63A	Nahmakanta, Br	90.72	333	P	P	10 18 02.9	+0.5
F63A	Nahmakanta, Br	90.72	333	P	P	10 18 02.4	-0.1
H66A	Whiting	90.84	332	P	P	10 18 02.2	-0.8
F62A	Pittsford Farm,	90.86	334	P	P	10 18 02.5	-0.6
G64A	Maxfield	90.98	333	P	P	10 18 03.3	-0.4
PKME	Peaks-Kenny Pk	91.16	333	I	Amb	10 18 07.5	
PKME	comp=Z,168nm,1.6s			P	P	10 18 04.7	+0.2
H65A	Eastbrook	91.27	332	P	P	10 18 04.8	-0.1
G63A	Kingsbury	91.41	333	P	P	10 18 05.3	-0.4
G62A	West of Eustis	91.65	334	P	P	10 18 07.4	+0.6
H64A	Troy	91.67	333	P	P	10 18 05.6	-1.3
BBOO	Buecklebo	91.74	130	I	Amb	10 19 55.0	
H63A	New Sharon	91.95	333	P	P	10 18 07.2	-0.9
H62A	Milan	92.43	334	P	P	10 18 09.9	-0.4
H64A	Boothbay	92.44	333	P	P	10 18 09.8	-0.6
LLBL	Lillooet	92.51	8	I	Amb	10 18 13.8	
I63A	Otisfield	92.68	334	P	P	10 18 11.4	-0.1
H61A	Lyndonville	92.73	335	P	P	10 18 11.6	-0.2
ULM	Lac du Bonnet	92.89	352	P	P	10 18 11.8	-0.6
ULM	comp=Z,54nm,0.9s, baz=5.4,slow=5.1,SNR=47			pP	pP	10 19 09.1	+0.3
ULM	comp=Z,26nm,1.0s, baz=3.0,slow=4.8,SNR=5.2			pP	pP	10 22 00.1	+3.1
ULM	comp=Z,17nm,0.9s, baz=32,slow=7.3,SNR=3.3			PKKPbc	PKKPbc	10 35 19.1	+1.6
ULM	comp=Z,2.6nm,0.5s, baz=218,slow=4.4,SNR=6.7			I	Amb	10 18 14.1	
H60A	Morristown	92.97	335	P	P	10 18 12.3	-0.6
LBNH	Lisbon	92.99	334	P	P	10 18 12.8	-0.1
I62A	Tamworth	93.10	334	P	P	10 18 13.1	-0.3
H59A	Cadyville	93.23	336	P	P	10 18 15.0	+0.9
I61A	Oroboro, Fair	93.35	334	P	P	10 18 13.8	-0.8
J63A	Stratford	93.53	333	P	P	10 18 15.4	0.0
LONV	Lake Ozonia	93.54	336	I	Amb	10 18 18.7	
LONV	comp=Z,94nm,1.4s			P	P	10 18 15.8	+0.3
H58A	Gabriels	93.59	336	P	P	10 18 15.9	+0.2
H60A	Shoreham	93.80	335	P	P	10 18 16.2	-0.4
J62A	Henniker	93.83	334	P	P	10 18 16.4	-0.5
H57A	Richville	93.94	337	P	P	10 18 17.5	+0.2
PLVO	Plevna	93.94	338	P	P	10 18 17.5	+0.2
J61A	Chester	93.99	334	P	P	10 18 18.1	+0.6
I59A	Olmsteadville	94.04	335	P	P	10 18 18.0	+0.2
A05A	Maple Falls	94.07	9	I	Amb	10 18 19.6	
K63A	Dunstable	94.20	333	I	Amb	10 18 21.8	
K63A	Dunstable	94.20	333	P	P	10 18 18.5	0.0

10d 10h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like Lebanon, Moraine State, Pearl Lake, 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. Rows include stations like Grapevine Rang, Topopah Spring, Mesa Verde, 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. Rows include stations like ROSC, GUYCZ, TMOJ, etc.

IDC 10 27:41.3z-2.6, 7.46s-120.89E, h547km, m2.5/m2, mb1 2.7/m1, mb1m3 2.5/m4, mb1m3p3.5/4 Error ellipse: s-maj=224.0km s-min=23.4km az=56.0, Flores Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Rows include stations like BATI, WARR, MKAR, etc.

Table with columns: STA, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZALV, KURBB, VOI, VNSA, etc.

DJA 10 12:00:26.6:0.7, 5.4:15.3E, h51km,6km, M5.0/18, mb4.9/18, mB5.6/6, MLv5.0/3, Mw(mB)5.1/6, MwMwp5.9/1, MwP5.9/1

BUI 10 12:00:26.2:0.0, 4.9:0S:152.31E, h43km, mB5.0/22, mb4.8/35, Ms4.5/3, M5.7 4, 1.3

NEIC 10 12:00:27.3:1.8, 4.9:4S:0.06:152.56E:0.09, h43km,4km, mb4.9/17, Error ellipse: s-maj=13.1km s-min=9.2km bz=83.0

IDC 10 12:00:29.7:1.9, 5.0:1S:152.37E, h69km, 16km, mb4.3/25, mb1.4/28, mb1mx4.3/45, mbtpm4.7/28, MS3.5/20, Ms1.3.5/20, ms1mx3.4/35, Error ellipse: s-maj=12.8km s-min=8.5km az=100.0

ISC 10 12:00:28.2:0.3, 4.9:4S:0.04:152.46E:0.06, h55km, n248, e113/244, mb4.8/100, MS3.6/21, 26C-27D, Fault plane solution: NP1:0.91.33816, 869.97405, lambda-2.78587, NP2:0.81.29283, 887.38269, lambda-159.95224, Principal axes: T P1g12.1139, Azm315.0888, N P1g69.7891, Azm189.4256, P P1e15.9294, Azm9.6007, Fault plane solution: NP1:0.72.50935, 389.94321, Azm14.43108, NP2:0.342.50494, 885.56892, Azm179.94304, Principal axes: T P1g3.1719, Azm297.5929, N P1g85.5686, Azm73.2422, P P1g3.0915, Azm207.4214

New Britain region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like RABL, MANU, PMG, etc.

Main station list table with columns: STA, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like STKA, STKA, STKA, etc.

Main station list table with columns: STA, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GTA, SHL, SONM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like K05A Summer Lake, K27K Chicken, MOD Mico Plateau, etc.

WEL 10 12:25:00, 42.63S, 172.80E, h9km, ML3.9, Mw3.8, Moment Tensor Solution, s7 Moment tensor, Scale 10^14 Nm; Mw-1.96; Mho-1.65; Mho-3.61; Mho-1.31; Mw-1.19; Fault plane solution: M4.78000x10^14 NP1; o=65.00000, delta=62.00000, lambda=156.00000. NP2: o=166.00000, delta=69.00000, lambda=30.00000. Principal axes: T -51.6900, Plg36.0000, Azm27.0000; N 43.9300, Plg54.0000, Azm197.0000; P 7.7600, Plg5.0000, Azm294.0000.

NOU 10 12:25:58.1, 42.86S, 173.17E, h27km, ML4.2/10, South Island, New Zealand

WEL 10 12:25:58.1, 42.86S, 173.17E, h8km, 2km, M3.8/19, ML4.0/19, ML3.8/19, Error ellipse: s-maj=0.0km s-min=0.0km az=110.4, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like GVZ Greta Valley S, GVZ Lake Taylor, AMZ Amberley, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like ANWZ Angora Road, NEZ North Egmont, PKE Pukeiti, etc.

IDC 10 12:31:02.4+0.0, 8.40, 97N, 74.10E, h0km, mb3.7/12, mb1.4/0.19, mb1mx3.8/46, mbtmp3.8/19, ML3.3/27, Ms1.3/2.7, ms1mx2.9/45, Error ellipse: s-maj=11.7km s-min=10.3km az=90.0

Bull 10 12:31:02.4+0.0, 41.14N, 74.03E, h7km, mB4.3/6, mb4.1/8, ML4.0/4, Ms3.7/4, Ms7.3/6

SOME 10 12:31:03.9, 41.100N, 74.10E, h20km, MS3.9, MOS 10 12:31:03.4+2.1, 40.97N, 74.05E, h5km, mb4.2/7, Error ellipse: s-maj=7.5km s-min=4.4km az=79.0

MOS Fellt (IV) at Kosh-Debe, (III) at Kazaman, Salam-Alik, (II/III) at Kek-Dzhangak

NINC 10 12:31:04.5+0.9, 41.08N, 74.05E, h0km, mb4.9, mpv4.7, Error ellipse: s-maj=7.7km s-min=4.7km az=171.0

KRNET 10 12:31:04.1+0.1, 41.04N, 74.05E, h20km, mb4.7, KNET 10 12:31:06.0+0.8, 41.19N, 74.17E, h5km, 4km, ml4.0, Error ellipse: s-maj=1.9km s-min=3.0km az=29.0

NEIC 10 12:31:07.6+1.9, 41.10N, 0.05, 74.06E, 0.04, h20km, 7km, mb4.0/9, Error ellipse: s-maj=8.2km s-min=4.1km az=162.0

ISC 10 12:31:04.0+1.0, 41.07N, 0.02, 74.07E, 0.02, h9km, 7km, n196, s199/269, mb3.9/19, MS3.1/6, 57C-36D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like ARLS Aral, ARLS baz=15, AML Almayashu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like BOOM Boomskeye usch, BOOM Boomskeye usch, CHMS Chumysh, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like KARATAY ARRAY, CHUKHALY, PRZHEVAL'SK, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like ZALVOSE BEAM, PYUN, KOLN, GKN, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like AAK, MRKS, DGS, etc. Includes a large block of text for KRNET and SOME stations.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time Res, ISC. Includes stations like Port Moresby, Honiara, Charters Tower, etc.

SOME 10 13:46:03.6, 41.12N:74.08E, h5km
KRNET 10 13:46:03.8-0.1, 41.12N:73.98E, h20km, mb2.8
KNET 10 13:46:05.1-0.6, 41.18N:74.16E, h0km, m12.1, Error ellipse: s-maj=4.4km s-min=3.6km az=174.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, ISC. Includes stations like Aral, Almayashu, Osh, etc.

Main table with columns: Code, Station Name, Az, El, P, S, Pn, Time Res, ISC. Includes stations like KZA Kyzart, EKS2 Erkin-Say, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time Res, ISC. Includes stations like BTLS Baital, ARXS Arharly, PDGX Podgornoye, etc.

JMA 10 14:03:58.7-0.1, 24.41N:121.38E, h4km, M3.4
TAP 10 14:03:58.7, 24.42N:121.42E, h5km, ML3.8, C
IDC 10 14:04:00.2-1.6, 23.92N:121.00E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/39, mbtrmp3.3/4, ML3.2/1, MS2.4/1, Ms1 2.6/1, ms1mx2.2/19, Error ellipse: s-maj=73.6km s-min=28.4km az=69.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time Res, ISC. Includes stations like FUSS Fushou, ETLH Xiulin Townshi, YHNB Yeheng, etc.

Table with columns: Station Name, Azimuth, Elevation, Magnitude, Position, Time, Residual. Includes stations like TIPB, TWSJ, DWJ1, SMLT, TCU, TYC, etc.

Table with columns: Station Name, Azimuth, Elevation, Magnitude, Position, Time, Residual. Includes stations like SCST, LDUT, SSD, TSMG, etc.

Table with columns: Station Name, Azimuth, Elevation, Magnitude, Position, Time, Residual. Includes stations like PMG, CTA, MTN, etc.

NIED 10 14:59:25.9, 43:55'N: 147:46'E, h15km, MW4.3, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; M1: -1.13; M2: 0.19; M3: 0.94; M4: 2.48; M5: 2.14; M6: 0.11; Fault plane solution: Mo: 3.44000x10^15 NP1: 282.00000; 287.00000; -1.130.00000; NP2: 177.00000; 841.00000; -2.20.00000; JMA 10 14:59:25.9: 0.2, 43:55'N: 147:46'E, h15km, 4km, M4.3 JMA Felt 1 J1 SKHL 10 14:59:26.7: 0.4, 43:60'N: 147:70'E, h52km, 2km, mb5.7/3, mbv5.2/1 MOS 10 14:59:26.2: 0.9, 43:64'N: 147:58'E, h51km, mb4.9/29, Error ellipse: s-maj=7.7km s-min=6.4km az=86.0 MOS Felt (I-II) at Malokuril'skoye. IDC 10 14:59:27.8: 1.9, 43:70'N: 147:49'E, h45km, 18km, mb3.9/22, mb1.4/30, mb1mx4.0/51, mbtmp4.2/30, ML3.7/6, MS3.3/21, Ms1.3.3/21, ms1mx3.2/40, Error ellipse: s-maj=14.6km s-min=11.0km az=129.0 NEIC 10 14:59:27.2: 1.8, 43:71'N: 0:07:147:60E:0:06, h35km, 1km, mb4.7/17, Error ellipse: s-maj=14.4km s-min=3.2km az=150.0 ISC 10 14:59:27.1: 0.7, 43:59'N: 0:05:147:57E:0:05, h45km, 6km, h377.1e126/392, mb4.6/96, MS3.4/15, 8C-4D, Kuril Islands

TAP 10 14:45:32.8, 24:40'N: 121:41'E, h7km, ML1.1, C, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Position, Time, Residual. Includes stations like ETHL, FUSS, TDCB, etc.

JMA 10 14:46:23.9: 0.2, 23:91'N: 123:28'E, h27km, 3km, M1.6, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Position, Time, Residual. Includes stations like HATJ, IRIF, YOJ, etc.

NEIC 10 14:48:43.1: 2.7, 2:25'S: 0:1: 148:72'E: 0:09, h44km, 13km, mb4.3/10, Error ellipse: s-maj=18.4km s-min=12.4km az=193.0

IDC 10 14:49:22.0: 7.8, 4:95'S: 146:82'E, h111km, 77km, mb3.7/2, mb1.4/16, mb1mx3.4/42, mbtmp4.5/6, ML4.6/3, Error ellipse: s-maj=87.9km s-min=26.8km az=141.0

ISC 10 14:49:22.1: 3.5, 15:0: 1: 146:8E: 0:1, h100km, m20, c2611/22, mb4.0/3, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Position, Time, Residual. Includes stations like PMG, JRA, etc.

10d 14h

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Table with columns for station name, frequency, power, and other technical details. Includes stations like JNSB, JNK, JAK, JTKR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMY, YAK, YAK, YAK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MDM, KNK, WRH, SML, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Honiara, Arti, Kingsbay, Spitsbergen Ar, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Simmler, Tonopah, Teton Pass, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Black Stump Fm, Afiamalu, Pines Island, etc.

Technical notes and coordinates for various stations, including 'IDC 10 15:17:49.3... 176.17W, h0km, mb4.1/13' and 'NEIC 10 15:17:51.2... 176.22W, h10km, 1km'.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like IDC 10 15:31:48.3, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WEL 10 15:38:35.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BKZ, HWZ, KWHZ, etc.

IDC 10 15:45:57.9.1.9,6.31S:129.51E,h0km,mb3.4/1, mb1 3.3/4,mb1mx3.2/28,mbtmp3.2/4,ML2.7/3,Error ellipse: s-maj=72.3km s-min=29.9km az=81.0, Banda Sea

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

MAN 10 15:48:26.0,6.90N:126.53E,h106km,mb4.4,ML3.3, MS3.0,Mindanao

ANF 10 15:55:06.7.1.0,41.80N:119.44W,h10km,ML2.8/10, Error ellipse: s-maj=9.2km s-min=4.0km az=99.0, NEIC 10 15:55:08.7.2.4,41.81N:0.02:119.56W:0.02,h1km,2km, Error ellipse: s-maj=3.3km s-min=1.9km az=169.0, REN 10 15:55:09.2.2.0,41.78N:0.04:119.63W:0.03,h10km,6km, ML2.8/5,ML2.8/5(SEA),ML2.4/28(NEIC),Error ellipse: s-maj=6.2km s-min=2.7km az=163.0, SEA 10 15:55:10.4.4.1,41.81N:0.04:119.61W:0.03,h0km,6km, Error ellipse: s-maj=5.5km s-min=3.4km az=168.0, ISC 10 15:55:08.2.1.3,41.81N:0.03:119.58W:0.03,h3km,12km,n39,e0589/46,Nevada

Main table for the first column with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOD, LKVV, WVOR, etc.

IDC 10 15:58:25.4.400.0,57.72N:30.76E,h0km,Error ellipse: s-maj=107.7km s-min=33.9km az=157.0,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station I43RU.

I37NO 137NO 1259 340 i 17 10 50.0 ellipse: s-maj=7.3km s-min=5.9km az=113.0, NEIC 10 16:07:38.6.1.4,37.1N:0.1:15.7E:1.01,h32km,6km, mb4.0/8,Error ellipse: s-maj=19.5km s-min=12.2km az=179.0, NINC 10 16:07:38.2.4.0,37.24N:55.06E,h18km,20km,mb4.1, Error ellipse: s-maj=21.1km s-min=17.8km az=45.0, ISC 10 16:07:32.9.0.4,36.86N:0.03:54.99E:0.03,h10km,n148, e187/137,mb4.0/22,MS3.1/7,10C-6D,Northern and Central Iran

Main table for the second column with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BARC, BARRC, BARRC, etc.

TEH 10 16:07:31.1,36.76N:54.98E,h8km,ML4.0, ISC 10 16:07:32.6.1.0,36.71N:55.20E,h0km,mb3.8/13, mb1 4.0/20,mb1mx3.8/47,mbtmp3.9/20,ML3.4/5,MS3.1/8, Ms1 3.1/8,ms1mx2.8/39,Error ellipse: s-maj=18.9km s-min=12.2km az=171.0, MOS 10 16:07:36.5.2.0,37.15N:55.14E,h32km,mb4.3/8,Error

Main table for the third column with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IMND, IGL0, MRVT, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like USRK, MJAR, SONM, Oregon, KEBM, J01E, etc.

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MHMT, CM13, CM15, etc.

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

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MNTX, MNTX, IDC 10 17:30:00.9, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BGNE Belgrade, X40A Basin Creek Fa, R40A Maddies Station, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, PD31 Pinedale Array, H17A Grand Valley, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WB2 Warramunga Arr, WRAB Tennant Creek, GQSA South Pole Op, etc.

IDC 10 17:39:22.2±3.1, 3.0BS; 100.87E, h0km, mb3.6/7, mb1 3.8/7, mb1mx3.5/53, mbtmp3.7/7, Error ellipse: s-maj=134.9km s-min=18.3km az=58.0

IDC 10 18:30:48.4±1.1, 2.7:12S; 176.35W, h0km, mb3.9/7, mb1 4.2/8, mb1mx4.0/21, mbtmp3.9/8, ML4.8/1, MS3.1/4, MS1 3.1/4, ms1mx2.8/22, Error ellipse: s-maj=36.6km s-min=22.0km az=128.0

SOME 10 18:51:42.1, 37.68N; 71.90E, h5km IDC 10 18:51:44.0±3.2, 36.45N; 70.43E, h142km±27km, mb3.3/5, mb1 3.3/12, mb1mx3.1/41, mbtmp3.8/12, MS3.1/2, MS1 3.1/2, ms1mx2.4/30, Error ellipse: s-maj=42.5km s-min=19.1km az=136.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAS1 Maura Aman, UB51 University, Be, KSI Kapahiang, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHGR Chuyangaron, KBL Kabul, GAR Garm, etc.

NEIC 10 18:26:22.6±2.9, 43.72N; 0.05±105.28W, h0km±1km, ML3.3/56, Error ellipse: s-maj=8.9km s-min=4.7km az=168.0

IDC 10 18:26:23.1±1.4, 44.04N; 105.75W, h0km, mb1 3.7/3, mb1mx3.4/35, mbtmp3.4/3, ML3.2/3, Error ellipse: s-maj=36.2km s-min=10.3km az=146.0

ISC 10 18:26:21.5±1.0, 43.76N; 0.06±105.29W, h0km, n51, c1568/49, Wyoming

KRMB	Red Mountain	83.86	37	P	P	19 32 03.1 +1.1
KRMB	comp=Z,28nm,1.4s			I	Amb	19 32 21.1
WDC	Whiskeytown Da	83.94	38	P	P	19 32 02.7 +0.4
WDC	comp=Z,17nm,1.1s			P	pmx	
WDC	Whiskeytown Da	83.94	38	P	P	19 32 02.7 +0.4
WDC	comp=Z,18nm,1.1s			I	Amb	19 32 28.9
N02D	Trinity Center	84.12	38	P	P	19 32 04.8 +1.4
O03E	Paynes Creek	84.15	39	P	P	19 32 05.4 +1.9
IRM	Iron Mountain	84.16	47	P	P	19 32 04.7 +1.1
GMRC	Granite Mounta	84.22	46	P	P	19 32 05.7 +1.6
WAKR	Walker	84.30	41	P	P	19 32 04.9 +0.4
M02C	Callahan	84.33	37	P	P	19 32 05.7 +1.3
YBH	Yreka Blue Hor	84.65	37	P	P	19 32 06.5 +0.5
YBH	comp=Z,17nm,1.3s			P	pmx	
YBH	Yreka Blue Hor	84.65	37	P	P	19 32 06.5 +0.5
YBH	comp=Z,17nm,1.2s			I	Amb	19 32 30.1
BEKR	Beckworth	84.67	40	P	P	19 32 05.5 -0.8
BEKR	comp=Z,24nm,1.5s			I	Amb	19 32 30.7
UGL	Uglegorsk	84.67	334	eP	S	19 32 01.7 -4.1
UGL	comp=Z,24nm,1.5s			eS	smx	19 42 34.9 +2.9
LHV	Little Huntoon	84.68	42	P	P	19 32 06.0 -0.1
LHV	comp=Z,16nm,1.2s			I	Amb	19 32 30.4
YERR	Yerington	84.73	41	P	P	19 32 06.0 -0.7
MSHR	Mys Shuitsa	84.77	324	iP	P	19 32 06.0 +0.2
VLA	Vladivostok	84.77	325	iP	P	19 32 05.5 -0.9
N02D	Willamette Mer	84.81	36	P	P	19 32 08.3 +1.5
KVAR	Mina Array Bea	84.92	42	P	P	19 32 08.0 +0.4
NVAR	comp=Z,2.1nm,0.8s,baz=221,slow=8.6,SNR=14			LR	LR	20 05 54.8
NVAR	Mina Array Bea	84.92	42	P	P	19 32 06.9 -0.7
RYN	Ryan	84.92	42	P	P	19 32 07.0 -0.5
RYN	comp=Z,17nm,1.4s			I	Amb	19 32 34.0
NV11	Mina Array Sit	85.01	42	P	P	19 32 07.2 -0.7
QIZ	Qiongzong	85.12	294	P	P	19 32 09.9 +1.1
QIZ	comp=Z,11nm,2.0s			S	pmx	19 42 38.2 +0.4
QIZ	comp=Z,400nm,6.1s			P	pmx	
QIZ	comp=Z,410nm,14.7s			LR	LR	
QIZ	comp=Z,790nm,15.7s			LR	LR	
HUMO	Hull Mountain	85.12	36	P	P	19 32 08.7 +0.4
HUMO	comp=Z,960nm,17.2s			I	Amb	19 32 35.2
PAHR	Pah Rah Range	85.12	40	P	P	19 32 08.2 -0.3
PAHR	comp=Z,23nm,1.5s			I	Amb	19 32 32.1
M04C	Macdoel	85.15	38	P	P	19 32 09.8 +1.2
L04D	Klamath Falls	85.20	37	P	P	19 32 10.0 +1.2
TPNV	Topopah Spring	85.21	44	P	P	19 32 08.4 -0.6
TPNV	comp=Z,30nm,1.5s			P	pmx	
TPNV	Topopah Spring	85.21	44	P	P	19 32 08.4 -0.6
TPNV	comp=Z,30nm,1.5s			I	Amb	19 32 13.9
TPH	Tonopah	85.33	43	P	P	19 32 08.1 -1.6
TPH	comp=Z,105nm,1.4s			P	pmx	
TPH	Tonopah	85.33	43	P	P	19 32 08.1 -1.6
Y14A	Wickenburg	85.43	48	P	P	19 32 10.2 +0.2
KVN	Kaiserville	85.44	42	P	P	19 32 10.2 0.0
KVN	comp=Z,17nm,1.3s			P	pmx	
KVN	Kaiserville	85.44	42	P	P	19 32 10.2 0.0
KVN	comp=Z,17nm,1.3s			I	Amb	19 32 33.6
NJ2	Nanjing	85.46	310	iP	P	19 32 10.4 +0.3
NJ2	comp=Z,22nm,1.7s			P	pmx	19 32 15.2 -0.1
NJ2	comp=Z,11nm,19.4s			S	pmx	19 32 18.9 +1.9
NJ2	comp=Z,700nm,20.8s			S	pmx	19 42 41.6 +1.0
USRK	Ussuriysk Ar	85.48	325	P	P	19 32 10.2 +0.3
USRK	comp=Z,2.6nm,0.7s,baz=103,slow=6.1,SNR=6.4			LR	LR	20 03 31.1
W13A	Hualapai Mount	85.56	47	P	P	19 32 10.6 -0.3
SHPR	Sheep Range	85.61	45	P	P	19 32 09.5 -1.6
SHPR	comp=Z,16nm,1.4s			I	Amb	19 32 35.4
TYV	Tymovskoe	85.89	335	eP	S	19 32 12.3 +0.5
TYV	comp=Z,800nm,6.2s			eS	pmx	19 42 41.5 -2.5
TYV	comp=Z,17nm,1.5s			P	pmx	
TYV	comp=E,11um,9.3s			smx	smx	
TUC	Tucson	85.97	51	P	P	19 32 12.2 -0.6
TUC	comp=Z,24nm,1.5s			P	pmx	
TUC	Tucson	85.97	51	P	P	19 32 12.2 -0.6
TUC	comp=Z,24nm,1.5s			I	Amb	19 32 34.6
PRN	Pahroc Range	86.24	44	P	P	19 32 13.9 -0.2
PRN	comp=Z,28nm,1.3s			I	Amb	19 32 38.5
K05A	Summer Lake	86.31	37	P	P	19 32 14.2 -0.2
K05A	comp=Z,26nm,1.2s			I	Amb	19 32 38.3
319A	Douglas	86.47	52	P	P	19 32 15.3 -0.1
319A	comp=Z,16nm,1.0s			I	Amb	19 32 19.2
J05D	Fort Rock, OR	86.51	37	P	P	19 32 16.2 +0.9
X16A	Lo Mia Camp, P	86.76	49	P	P	19 32 16.2 -0.5
X16A	comp=Z,13nm,1.3s			I	Amb	19 32 20.9
BMN	Battle Mountai	86.85	41	P	P	19 32 14.9 -2.2
BMN	comp=Z,18nm,1.5s			P	pmx	
BMN	Battle Mountai	86.85	41	P	P	19 32 14.8 -2.2
BMN	comp=Z,18nm,1.5s			I	Amb	19 32 41.4
MDJ	Mudanjiang	87.00	325	P	P	19 32 19.0 +1.5
MDJ	comp=Z,19nm,1.9s			P	pmx	19 32 22.3 -0.3
MDJ	comp=Z,910nm,17.7s			S	pmx	19 32 23.6 -0.7
MDJ	comp=Z,490nm,14.2s			S	pmx	19 35 44.6 +3.4
MDJ	comp=Z,19nm,1.9s			S	pmx	19 43 00.7 +5.6
MDJ	comp=Z,910nm,17.7s			LR	LR	
MDJ	comp=Z,490nm,14.2s			LR	LR	
MDJ	comp=Z,19nm,1.9s			LR	LR	
PINE	Pine Mountain	87.01	37	P	P	19 32 17.1 -0.7
PINE	comp=Z,18nm,1.5s			I	Amb	19 32 44.5
LCMT	Little Creek M	87.14	46	P	P	19 32 18.3 -0.2
LCMT	comp=Z,12nm,1.3s			I	Amb	19 32 42.7

GSJ	Gunungsitoli	87.21	273	P	P	19 32 18.0 -1.3
CCUT	Cedar City	87.39	45	P	P	19 32 19.9 +0.1
CCUT	comp=Z,13nm,1.5s			I	Amb	19 32 45.2
U15A	North Rim	87.39	46	P	P	19 32 20.0 +0.1
U15A	comp=Z,9.5nm,1.1s			I	Amb	19 32 44.3
KNB	Kanab	87.41	46	P	P	19 32 20.4 +0.5
KNB	comp=Z,18nm,1.4s			P	pmx	
KNB	Kanab	87.41	46	P	P	19 32 20.4 +0.5
KNB	comp=Z,18nm,1.4s			I	Amb	19 32 38.0
PSUT	Pine Spring	87.68	44	P	P	19 32 20.7 -0.5
WHN	Wuhan	87.77	306	iP	P	19 32 22.3 +0.8
WHN	comp=Z,21um,20.4s			S	LR	19 43 03.8 +0.7
WHN	comp=Z,890nm,11.9s			LR	LR	
WHN	comp=Z,3um,22.7s			LR	LR	
DL2	Dalian	87.78	316	iP	P	19 32 21.6 +0.3
DL2	comp=Z,27nm,1.3s			S	SKS	19 42 49.0 +0.6
DL2	comp=Z,600nm,6.0s			S	SKS	19 43 06.4 -2.9
DL2	comp=Z,370nm,17.2s			P	pmx	
DL2	comp=Z,580nm,16.8s			P	pmx	
DL2	comp=Z,850nm,16.6s			LR	LR	
X18A	Snowflake	87.82	49	P	P	19 32 21.8 -0.1
I07A	Izee	87.97	37	P	P	19 32 21.8 -0.6
GRNR	Gornyy	88.27	332	iP	P	19 32 23.1 -0.3
GRNR	comp=Z,3.0nm,1.0s			P	pmx	
GRNR	comp=E,110nm,15.0s			MLR	MLR	
GRNR	comp=N,370nm,19.0s			MLR	MLR	
GRNR	comp=Z,450nm,18.0s			MLR	MLR	
W18A	Petrified Fore	88.31	49	P	P	19 32 23.4 -0.8
W18A	comp=Z,21nm,1.5s			I	Amb	19 32 42.2
MTPU	Mount Pierson	88.43	45	P	P	19 32 24.5 -0.4
MTPU	comp=Z,10nm,1.3s			I	Amb	19 32 34.0
NKL	Nikolayevsk	88.46	336	eP	P	19 32 23.2 -1.0
NKL	comp=N,513nm,0.8s			eP	SKS	19 35 50.0
NKL	comp=E,24nm,1.5s			eS	SKS	19 42 52.2 +0.5
NKL	comp=Z,25nm,1.5s			P	pmx	
NKL	comp=E,49nm,3.4s			P	pmx	
NKL	comp=N,2um,2.6s			smx	smx	
NKL	comp=N,9um,11.0s			smx	smx	
O18K	Koktuh Hills	88.56	10	P	P	19 32 25.2 +0.6
O18K	baz=199			MLR	MLR	
CN2	Changchun	88.66	322	eP	P	19 32 24.0 -1.4
CN2	comp=N,10.0nm,1.8s			eP	SKS	19 35 56.9 +2.4
CN2	comp=N,350nm,4.0s			eS	SKS	19 43 17.1 -0.5
CN2	comp=N,400nm,17.0s			eS	SS	19 49 04.1 +1.0
CN2	comp=N,640nm,17.0s			P	pmx	
CN2	comp=N,780nm,18.0s			P	pmx	
CN2	comp=N,900nm,18.4s			P	pmx	
TIA	Tai'an	89.05	312	eP	P	19 32 29.0 +1.6
TIA	comp=N,26nm,1.3s			P	pmx	
TIA	comp=N,570nm,11.8s			P	pmx	
TIA	comp=N,370nm,14.2s			LR	LR	
TIA	comp=N,500nm,20.1s			LR	LR	
TIA	comp=N,900nm,18.4s			LR	LR	
G08A	Pilot Rock	89.06	36	P	P	19 32 26.5 -0.9
G08A	comp=Z,17nm,1.3s			I	Amb	19 32 51.8
KLR	Kul'dur	89.19	329	eP	P	19 32 29.1 +1.3
TX31	Lajitas Ar. Si	89.40	56	P	P	19 32 30.3 +0.9
TX32	Lajitas Array	89.40	56	P	P	19 32 30.3 +0.9
TXAR	Lajitas Array	89.40	56	P	P	19 32 30.3 +0.9
TXAR	comp=Z,1.6nm,0.9s,baz=209,slow=7.1,SNR=16			LR	LR	20 07 22.9
TXAR	Lajitas Array	89.40	56	P	P	19 32 29.2 -0.2
TXAR	Lajitas Array	89.40	56	P	P	19 32 29.2 -0.2
MNTX	Cornudas Mount	89.41	54	P	P	19 32 26.9 -2.4
B05A	Bryant	89.53	33	P	P	19 32 31.3 +2.1
B05A	comp=Z,1.6nm,0.9s,baz=209,slow=7.1,SNR=16			LR	LR	20 07 22.9
HAWA	Hanford	89.50	35	P	P	19 32 28.0 -1.3
HAWA	comp=Z,17nm,1.4s			I	Amb	19 32 37.5
A04D	Lummi Island	89.52	32	P	P	19 32 31.3 +2.0
BMO	Blue Mountains	89.66	38	P	P	19 32 28.5 -1.7
BMO	comp=Z,15nm,1.5s			P	pmx	
BMO	Blue Mountains	89.66	38	P	P	19 32 28.5 -1.7
BMO	comp=Z,15nm,1.5s			I	Amb	19 32 53.5
TMUT	Trail Mountain	89.79	45	P	P	19 32 29.9 -1.3
TMUT	comp=Z,11nm,1.1s			I	Amb	19 32 49.2
BNM	Barren Site	89.87	51	P	P	19 32 28.8 -2.9
SRU	San Rafael Swe	90.11	45	P	P	19 32 32.4 -0.2
SRU	comp=Z,6.0nm,1.0s			P	pmx	
D08A	San Rafael Swe	90.11	45	P	P	19 32 32.4 -0.2
D08A	comp=Z,13nm,0.9s			I	Amb	19 32 30.7 -2.1
E09A	Wood Farm, Sta	90.30	36	P	P	19 32 33.4 +0.3
E09A	comp=Z,24nm,1.3s			I	Amb	19 32 57.0
HVU	Hansel Valley	90.32	42	P	P	19 32 33.1 -0.4
HVU	comp=Z,24nm,1.4s			P	pmx	
HVU	Hansel Valley	90.32	42	P	P	19 32 33.1 -0.4
HVU	comp=Z,24nm,1.4s			I	Amb	19 32 57.0
ANMO	Albuquerque	90.43	50	eP	P	19 32 33.6 -0.6
ANMO	comp=Z,12nm,1.7s			P	pmx	
ANMO	Albuquerque	90.43	50	P	P	19 32 33.5 -0.6
ANMO	comp=Z,10nm,1.2s			I	Amb	19 32 51.9
F10A	Beach Ranch, E	90.43	37	P	P	19 32 33.3 -0.5
F10A	comp=Z,13nm,1.1s			I	Amb	19 32 57.5
HLID	Hailey	90.45	40	P	P	19 32 34.5 +0.5
PLID	Pearl Lake	90.53	38	P	P	19 32 34.0 -0.4
PLID	comp=Z,16nm,1.3s			I	Amb	19 32 58.4
PWL	Port Wells	90.75	13	P	P	19 32 34.4 -0.

Table with columns: ZKR, Station Name, Time, Res, P, S, N, and other identifiers. Includes stations like Zakros, Neapolis, Herakleio, etc.

RSPR 10 19:45:55.9, 19:24N, 65.44W, h117km, 1km, MD3.7/5
NEIC 10 19:45:58.2, 2.0, 19:34N, 0.09:65.51W, 0.05, h46km, 42km,
Error ellipse: s-maj=14.0km s-min=6.6km az=184.0

ISC 10 19:45:55.0, 1.8, 19:45N, 0.08:65.51W, 0.04, h16km, n38,
o540/44, 5C-4D, Puerto Rico region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, P, S, N. Includes stations like Culebra, Puerto, Saint Thomas, etc.

IDC 10 19:48:23.1, 1.8, 56.29S, 141.05W, h0km, mb4, 1/3,
mb1 4.3/3, mb1mx3.9/36, mbtmp4.1/3, Error ellipse:
s-maj=59.8km s-min=39.2km az=34.0

ISC 10 19:48:24.3, 1.8, 56.2S, 0.3:141.0W, 0.3, h10km, n21,
o539/9, mb4, 1/3, Pacific-Antarctic Ridge

Continuation of station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, P, S, N. Includes stations like South Pole Qui, Juan Fernandez, etc.

Table with columns: H10N2, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, P, S, N. Includes stations like ASCENSION HYDRO2, Sonsea Array, etc.

IDC 10 19:51:56.4, 0.6, 2.6:94S, 176.27W, h0km, mb4.5/15,
mb1 4.6/16, mb1mx4.5/32, mbtmp4.5/16, ML5.1/1, MS4.1/5,
ML1.4/15, mb1mx3.7/39, Error ellipse: s-maj=21.4km
s-min=16.6km az=106.0

NEIC 10 19:52:00.2, 1.6, 27.3S, 0.1:176.60W, 0.08, h10km, 1km,
mb4.8/41, Error ellipse: s-maj=17.3km s-min=12.0km
az=177.0

ISC 10 19:52:02.5, 0.5, 27.18S, 0.06:176.40W, 0.08, h35km, n92,
o195/88, mb4.7/33, MS4.0/5, 2D, Kermadec Islands region

Continuation of station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, P, S, N. Includes stations like Raoul Island, Niue, etc.

IDC 10 20:08:46.4, 4.3, 36.57N, 64.59E, h0km, mb3.5/2,
mb1 3.6/4, mb1mx3.3/42, mbtmp3.6/4, ML3.1/2, Error
ellipse: s-maj=77.8km s-min=31.4km az=163.0,
Turkmenistan-Afghanistan border region

ISC 10 20:10:18.5, 0.9, 43.31N, 0.05:105.23W, 0.06, h0km, n39,
o583/39, Wyoming

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, P, S, N. Includes stations like Alibek, Black Hills, etc.

IDC 10 20:10:19.9, 1.0, 44.14N, 105.80W, h0km, mb3.7/2,
mb1 3.7/6, mb1mx3.5/47, mbtmp3.5/6, ML2.9/3, Error
ellipse: s-maj=29.1km s-min=9.1km az=144.0

ISC 10 20:10:18.5, 0.9, 43.31N, 0.05:105.23W, 0.06, h0km, n39,
o583/39, Wyoming

Continuation of station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, P, S, N. Includes stations like Black Hills, Casper, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, P, S, N. Includes stations like Lajitas Arr, Wollman Farm, etc.

IDC 10 20:08:46.4, 4.3, 36.57N, 64.59E, h0km, mb3.5/2,
mb1 3.6/4, mb1mx3.3/42, mbtmp3.6/4, ML3.1/2, Error
ellipse: s-maj=77.8km s-min=31.4km az=163.0,
Turkmenistan-Afghanistan border region

ISC 10 20:10:18.5, 0.9, 43.31N, 0.05:105.23W, 0.06, h0km, n39,
o583/39, Wyoming

Continuation of station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, P, S, N. Includes stations like Alibek, Black Hills, etc.

IDC 10 20:10:19.9, 1.0, 44.14N, 105.80W, h0km, mb3.7/2,
mb1 3.7/6, mb1mx3.5/47, mbtmp3.5/6, ML2.9/3, Error
ellipse: s-maj=29.1km s-min=9.1km az=144.0

ISC 10 20:10:18.5, 0.9, 43.31N, 0.05:105.23W, 0.06, h0km, n39,
o583/39, Wyoming

Continuation of station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, P, S, N. Includes stations like Black Hills, Casper, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like U32A Winter Ranch, T35A Sooner Cattle, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like OXF Oxford, T45A Paducah, Y45A Yeager Farm, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TIXI Tiksi, IMAR Indian Mountain, COLD Coldfoot, etc.

TORD Torodi Ar. Bea 167.96 195 PKP PKPdf 23 53 24.5 -0.3
comp=Z,1.6nm,0.7s,baz=15,slow=0.8,SNR=24
TORD PKPab PKPab 23 54 36.4 +0.2
comp=Z,2.2nm,0.7s,baz=165,slow=3.9,SNR=14

MOS 10 23:53:09.8,1.1,5.32S,151.80E,h22km,mb5.5/38,Error
ellipse: s-maj=9.9km s-min=6.8km az=96.3
IDC 10 23:53:11.1,1.6,5.37S,151.91E,h22km,9km,mb4.9/30,
mb1.5/0.33,mb1mx4.9/5/1,mb1mp5.1/33,ML3.5/2,MS4.6/2/5,
Ms1.4/6/25,ms1mx4.5/3/6,Error ellipse: s-maj=14.1km
s-min=9.6km az=104.0
NEIC 10 23:53:14.2,1.4,5.52S,0.05x151.82E,0.06,h36km,4dkm,
mb5.4/261,Error ellipse: s-maj=9.3km s-min=6.8km
az=113.0
DJA 10 23:53:15.9,0.5,6.3S,3.15E,2E,5h8km,5km,M5.2/36,
mb5.1/36,mb5.5/18,ML5.8/3.6,Mw(mb)5.0/18,
MwMwp5.0/6,Mwp5.7/6

GCMT 10 23:53:16.2,0.1,5.70S,0.01x151.87E,0.1,h29km,
MW5.3/120,Moment Tensor Solution, s107,c200;
s120,c205; Duration: 1s1 Moment tensor: Scale 1017
Nm; Mn:0.82x0.02; M0:0.86x0.01; M0:0.04x0.01;
M0:0.72x0.03; M0:0.30x0.01; M0:0.01x0.03; Best double
couple: M0:1.14000x1017 NP1:0.240,00000; 0.82,00000;
7.69,00000; NP2:0.84,00000; 0.65,00000; 1.01,00000;
Principal axes: T 1.0890,Plg68.0000; Azm14.0000; N
0.1020,Plg10.0000; Azm259.0000; P -1.1910,
Plg19.0000; Azm166.0000; nsta1 refers to body waves,
cutoff=40s; nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
ISC 10 23:53:14.0,0.2,5.56S,0.03x151.89E,0.04,h45km,n899,
e1832/839,mb5.3/225,MS4.8/52,48C-39D,New Britain
region

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

Main table with columns: KNRA, Kununurra, 24.82 244 P P, 23 58 32.5 +0.3. Lists numerous seismic stations across Australia and the Pacific region.

Table with columns: QIZ, QIZ, S, S, 00 08 47.8 +2.5. Lists seismic stations in the Indian Ocean and surrounding regions.

10d 23h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like FINES, EYMN, W03A, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CLL, SKO, PRU, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WTTA, J62A, D63A, etc.

DJA 10 23:53:20.4±0.6, 10°S:3'×11°E, h13km,4km, M4.5/18, mb4.5/6, MLV4.5/18, MWLWp4.8/1, Mwps.1/1, NEIC 10 23:53:22.6±2.1, 9.60S:0.07:11.773E:0.05, h72km,10km, mb4.6/6, Error ellipse: s-maj=10.6km s-min=7.6km bz=175.0, IDC 10 23:53:22.7±4.1, 9.38S:117.74E, h68km,36km, mb4.0/2, mb1.4/0.10, mb1mx3.6/60, mbtmp4.2/10, ML3.9/3, MS4.2/2, Ms1.4/2.2, ms1mx3.3/34, Error ellipse: s-maj=34.9km s-min=13.9km az=62.0

ISC 10 23:53:22.1-0.5,9.54S;0.05;117.75E;0.04,h71km,n56,
c151/63,mb4.5/11, Sumbawa region

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

NEIC 10 23:55:40.7-1.2,5.57S;0.08;151.89E;0.09,h35km,1km,
mb4.6/17, Error ellipse: s-maj=19.4km s-min=5.4km
az=132.0

IDC 10 23:55:41.7-6.1,5.39S;151.60E,h60km,53km,mb4.17,
mb1.4/4.8,mb1mx3.9/4.7,mbtmp4.4/8,ML2.5/1, Error
ellipse: s-maj=55.0km s-min=33.5km az=116.0

ISC 10 23:55:40.9-0.6,5.54S;0.08;151.8E;0.1,h50km,n32,
c117/34,mb4.5/15, New Britain region

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

comp=Z,2.5nm,0.9s,baz=93,slow=3.7,SNR=2.0

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

TUL 10 23:55:49.6-2.0,35.93N;0.01;97.11W;0.02,h0km,7km,
ML2.6,mb,Lg2.1/15(NEIC), Error ellipse: s-maj=2.3km
s-min=1.1km az=129.0

NEIC 10 23:55:51.1-1.1,8.35S;93N;0.01;97.09W;0.02,h5km,7km,
Error ellipse: s-maj=2.5km s-min=1.5km az=132.0,
Oklahoma

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

SOME 10 23:56:21.7,41.58N;63.38E,h0km,MS4.1
NMC 10 23:56:26.3;0.7,40.57N;64.14E,h0km,mb4.7,mpv4.3,
GYN0.4, Error ellipse: s-maj=19.9km s-min=6.0km az=117.0

NEIC 10 23:56:29.2-2.2,40.65N;64.01E;h10km,1km,
mb4.4/4.1, Error ellipse: s-maj=11.9km s-min=10.8km
az=178.0

MOS 10 23:56:29.3;1.4,40.65N;64.14E,h27km,10.4km/5.0, Error
ellipse: s-maj=6.5km s-min=5.1km az=168.7

ISU 10 23:56:29.4;0.59N;64.60E,h15km
IDC 10 23:56:32.1-1.8,40.55N;64.08E,h34km,15km,mb4.0/23,
mb1.4/2.35,mb1mx4.1/6.3,mbtmp4.2/35,ML4.1/1.0,
MS3.4/1.1,Ms1.3/4.1,ms1mx3.1/5.2, Error ellipse:
s-maj=17.0km s-min=7.0km az=174.0

ISC 10 23:56:28.6;1.1,40.84N;64.04E;h0km,7km,
N193,1549/219,mb4.3/38,MS3.6/7,2C-9D,Northernwestern
Uzbekistan

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

40nm,0.5s

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

AAK Ala-Archa 8.05 72 Pn Pn 23 58 26.9 +0.9

AAK Ala-Archa 8.05 72 Pn Pn 23 58 27.0 +0.9

AAK Ala-Archa 8.05 71 P Pn 23 58 27.5 -0.3

AAK Ala-Archa 8.05 71 P Pn 23 58 27.5 -0.3

AAK Ala-Archa 8.05 71 P Pn 23 58 27.9 -0.1

AAK Ala-Archa 8.05 71 P Pn 23 58 29.0 +0.1

AAK Ala-Archa 8.05 71 P Pn 23 58 29.0 +0.1

AAK Ala-Archa 8.05 71 P Pn 23 58 29.0 +0.1

AAK Ala-Archa 8.05 71 P Pn 23 58 29.0 +0.1

AAK Ala-Archa 8.05 71 P Pn 23 58 29.0 +0.1

AAK Ala-Archa 8.05 71 P Pn 23 58 29.0 +0.1

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AAK Ala-Archa 8.05 71 P Pn 23 58 29.0 +0.1

AAK Ala-Archa 8.05 71 P Pn 23 58 29.0 +0.1

11d 0h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WMQ Urumqi, WSAR Wadi Sarin, MARD Mardin, ZALV Zalesovo Be, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ESDC Sonsea Array, MBAR Mbarara, TORB Torodi Arr, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RABL Rabaul, PMG Port Moresby, CTAO Charters Tower, etc.

Table with columns: ID, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like K04D Chiloquin, J05D Fort Rock, J05D Fort Rock, etc.

DJA 11 00:36:41.9,0.8,6'S:6'x15'E2E, h51km,12km, M5,0/6, mb4.6/6, MLV5.2/3

NEIC 11 00:36:42.9,2.3,5'S0S:0:maj=151.86E:0.10,h35km,2km, mb4.3/17, Error ellipse: s-maj=17.7km s-min=8.1km az=113.0

ISC 11 00:36:43.6,5.0,5.44S:151.83E,h54km,45km,mb4.0/10, mb1.4/21, mb1mx3.9/38, mbtmp4.3/11, ML2.6/1, MS3.4/9, Ms1.3/4.9, ms1mx2.3/27, Error ellipse: s-maj=28.6km s-min=26.6km az=23.0

ISC 11 00:36:43.1,0.6,5.51S:0:06:151.81E:0:09,h45km,n53, o=151/43,mb4.3/17,MS3.5/7, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RABL Rabaul, MANU Manus Island, PMG Port Moresby, etc.

Table with columns: ID, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, ARMA Armadale, etc.

ISC 11 01:01:47.5,1.3,34'29N:80'53E,h0km,mb3.6/9, mb1.3/7.1, mb1mx3.5/48, mbtmp3.6/11, ML3.0/2, MS3.3/3, Ms1.3/4.3, ms1mx2.8/36, Error ellipse: s-maj=33.2km s-min=24.8km az=72.0

ISC 11 01:01:53.1,1.2,34.4N:0:1:80.6E:0:2,h35km,n14, o=75/12,mb3.6/8,Xizang

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

ISC 11 01:02:13.9,8.1,5'25S:150.26E,h93km,57km,mb3.5/2, mb1.3/8.3, mb1mx3.2/38, mbtmp4.0/3, ML2.3/1, Error ellipse: s-maj=122.9km s-min=55.2km az=118.0, New Britain region

ISC 11 01:05:06.2,9.2,32'81S:178'18W,h0km,mb3.8/2, mb1.4/1.4, mb1mx3.8/26, mbtmp4.0/4, ML4.0/2, Error ellipse: s-maj=69.4km s-min=27.3km az=116.0

NEIC 11 01:05:06.2,0.3,33'S:0:1:177.97W:0:08,h10km,2km, mb4.3/6, Error ellipse: s-maj=19.2km s-min=10.8km az=192.0

ISC 11 01:05:09.4,2.2,33.0S:0:1:178.0W:0:3,h34km,n19, o=150/23,mb4.2/6, South of Kermadec Islands

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

Table with columns: ID, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CTAO comp=Z,4.3nm,1.2s, ASAR Alice Springs, ASAR Alice Springs, etc.

ISC 11 01:05:31.1,3.2,31'42S:178.60W,h0km,mb3.6/2, mb1.3/9.3, mb1mx3.7/25, mbtmp3.8/3, ML3.6/1, Error ellipse: s-maj=74.1km s-min=48.8km az=114.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, etc.

NOU 11 01:53:12.9,3.1'96S:176'68W,h52km,MLV5.5/22, Kermadec Islands region

NEIC 11 01:53:16.0,1.5,31'58S:0:05:178.0W:0:1,h10km,1km, mb4.8/21, Error ellipse: s-maj=18.4km s-min=3.3km az=116.0

ISC 11 01:53:19.0,2.9,31'51S:178'06W,h30km,19km,mb4.3/13, mb1.4/5.18, mb1mx4.4/27, mbtmp4.5/18, ML4.6/3, MS3.8/13, Ms1.3/8.13, ms1mx3.6/37, Error ellipse: s-maj=17.8km s-min=14.1km az=96.0

ISC 11 01:53:18.2,0.4,31'59S:0:04:177.91W:0:07,h35km, h36km,PKP,n130,o=221/130,mb4.7/21,MS3.9/12,4C, Kermadec Islands region

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

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

MSVF 9.7nm,0.3s,baz=66,slow=23,SNR=18 Sn

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CONA Conrad Observa, CKRC Cesky Krumlov, KHC Kasperske Hory, etc.

NEIC 11 02:38:02.8, 2.67S, 147.4E, 0.2, h31km, 9km, mb4.7/10, Error ellipse: s-maj=35.0km s-min=9.3km az=97.0

IDC 11 02:38:06.0, 17.0, 3.21S, 148.10E, h84km, 145km, mb3.6/3, mb1.3/9.3, mb1mx3.4/47, mbtmp4.0/3, MS3.8/4, Ms1.3/8.4, ms1mx3.3/29, Error ellipse: s-maj=117.1km s-min=48.7km az=86.0

ISC 11 02:38:02.7, 1.5, 2.72S, 0.09, 147.4E, 0.3, h35km, n27, r1564/13, mb4.5/9, MS3.8/4, Admiralty Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MANU Manus Island, MANU, MTN Manton Dam, WBD Warrungarra Arr, etc.

INET 11 02:42:49.4, 10.66N, 86.38W, h15km, MW3.5

UCR 11 02:42:53.0, 1.1048N, 86.44W, h11km, MW4.0, 2C, Off

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SAJU San Juanillo, GUAI, GRZA Playa Garza, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MKR Makanchi Array, WRA Warrungarra Arr, ASAR Alice Springs, etc.

NOU 11 03:00:05.6, 38.31S, 175.88E, h205km, ML3.5/8, North Island, New Zealand

WEL 11 03:00:12.4, 39.5S, 176.1E, h148km, 13km, M2.9/66, ML2.5/10, ML2.9/66, Error ellipse: s-maj=0.0km s-min=0.0km az=93.2, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TLZ Toiley Road, MRHZ Matea Rd, KATZ Katames, etc.

IDC 11 03:21:45.9, 1.2, 1.33N, 128.16E, h0km, mb3.6/4, mb1.3/7.5, mb1mx3.6/41, mbtmp3.6/5, MS3.0/2, r161.0/2, ms1mx3.6/46, Error ellipse: s-maj=67.5km s-min=20.9km az=63.0

DJA 11 03:21:50.0, 1.8, 2.16N, 12.8E, h44km, 39km, M3.7/5, ML3.7/5

ISC 11 03:21:51.7, 1.0, 1.48N, 0.07, 128.30E, 0.07, h50km, n12, r145/12, mb3.6/4, Halmaheira

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GAMI Galea, Maluku, TNTI Ternate, etc.

Tensor Solution. s2 Moment tensor: Scale 10^14Nm; Fault plane: M1: 0.81; M2: 5.41; M3: 4.54; M4: 3.33; M5: 1.47; M6: 0.81; M7: 1.00; M8: 1.00; M9: 1.00; M10: 1.00; M11: 1.00; M12: 1.00; M13: 1.00; M14: 1.00; M15: 1.00; M16: 1.00; M17: 1.00; M18: 1.00; M19: 1.00; M20: 1.00; M21: 1.00; M22: 1.00; M23: 1.00; M24: 1.00; M25: 1.00; M26: 1.00; M27: 1.00; M28: 1.00; M29: 1.00; M30: 1.00; M31: 1.00; M32: 1.00; M33: 1.00; M34: 1.00; M35: 1.00; M36: 1.00; M37: 1.00; M38: 1.00; M39: 1.00; M40: 1.00; M41: 1.00; M42: 1.00; M43: 1.00; M44: 1.00; M45: 1.00; M46: 1.00; M47: 1.00; M48: 1.00; M49: 1.00; M50: 1.00; M51: 1.00; M52: 1.00; M53: 1.00; M54: 1.00; M55: 1.00; M56: 1.00; M57: 1.00; M58: 1.00; M59: 1.00; M60: 1.00; M61: 1.00; M62: 1.00; M63: 1.00; M64: 1.00; M65: 1.00; M66: 1.00; M67: 1.00; M68: 1.00; M69: 1.00; M70: 1.00; M71: 1.00; M72: 1.00; M73: 1.00; M74: 1.00; M75: 1.00; M76: 1.00; M77: 1.00; M78: 1.00; M79: 1.00; M80: 1.00; M81: 1.00; M82: 1.00; M83: 1.00; M84: 1.00; M85: 1.00; M86: 1.00; M87: 1.00; M88: 1.00; M89: 1.00; M90: 1.00; M91: 1.00; M92: 1.00; M93: 1.00; M94: 1.00; M95: 1.00; M96: 1.00; M97: 1.00; M98: 1.00; M99: 1.00; M100: 1.00; M101: 1.00; M102: 1.00; M103: 1.00; M104: 1.00; M105: 1.00; M106: 1.00; M107: 1.00; M108: 1.00; M109: 1.00; M110: 1.00; M111: 1.00; M112: 1.00; M113: 1.00; M114: 1.00; M115: 1.00; M116: 1.00; M117: 1.00; M118: 1.00; M119: 1.00; M120: 1.00; M121: 1.00; M122: 1.00; M123: 1.00; M124: 1.00; M125: 1.00; M126: 1.00; M127: 1.00; M128: 1.00; M129: 1.00; M130: 1.00; M131: 1.00; M132: 1.00; M133: 1.00; M134: 1.00; M135: 1.00; M136: 1.00; M137: 1.00; M138: 1.00; M139: 1.00; M140: 1.00; M141: 1.00; M142: 1.00; M143: 1.00; M144: 1.00; M145: 1.00; M146: 1.00; M147: 1.00; M148: 1.00; M149: 1.00; M150: 1.00; M151: 1.00; M152: 1.00; M153: 1.00; M154: 1.00; M155: 1.00; M156: 1.00; M157: 1.00; M158: 1.00; M159: 1.00; M160: 1.00; M161: 1.00; M162: 1.00; M163: 1.00; M164: 1.00; M165: 1.00; M166: 1.00; M167: 1.00; M168: 1.00; M169: 1.00; M170: 1.00; M171: 1.00; M172: 1.00; M173: 1.00; M174: 1.00; M175: 1.00; M176: 1.00; M177: 1.00; M178: 1.00; M179: 1.00; M180: 1.00; M181: 1.00; M182: 1.00; M183: 1.00; M184: 1.00; M185: 1.00; M186: 1.00; M187: 1.00; M188: 1.00; M189: 1.00; M190: 1.00; M191: 1.00; M192: 1.00; M193: 1.00; M194: 1.00; M195: 1.00; M196: 1.00; M197: 1.00; M198: 1.00; M199: 1.00; M200: 1.00; M201: 1.00; M202: 1.00; M203: 1.00; M204: 1.00; M205: 1.00; M206: 1.00; M207: 1.00; M208: 1.00; M209: 1.00; M210: 1.00; M211: 1.00; M212: 1.00; M213: 1.00; M214: 1.00; M215: 1.00; M216: 1.00; M217: 1.00; M218: 1.00; M219: 1.00; M220: 1.00; M221: 1.00; M222: 1.00; M223: 1.00; M224: 1.00; M225: 1.00; M226: 1.00; M227: 1.00; M228: 1.00; M229: 1.00; M230: 1.00; M231: 1.00; M232: 1.00; M233: 1.00; M234: 1.00; M235: 1.00; M236: 1.00; M237: 1.00; M238: 1.00; M239: 1.00; M240: 1.00; M241: 1.00; M242: 1.00; M243: 1.00; M244: 1.00; M245: 1.00; M246: 1.00; M247: 1.00; M248: 1.00; M249: 1.00; M250: 1.00; M251: 1.00; M252: 1.00; M253: 1.00; M254: 1.00; M255: 1.00; M256: 1.00; M257: 1.00; M258: 1.00; M259: 1.00; M260: 1.00; M261: 1.00; M262: 1.00; M263: 1.00; M264: 1.00; M265: 1.00; M266: 1.00; M267: 1.00; M268: 1.00; M269: 1.00; M270: 1.00; M271: 1.00; M272: 1.00; M273: 1.00; M274: 1.00; M275: 1.00; M276: 1.00; M277: 1.00; M278: 1.00; M279: 1.00; M280: 1.00; M281: 1.00; M282: 1.00; M283: 1.00; M284: 1.00; M285: 1.00; M286: 1.00; M287: 1.00; M288: 1.00; M289: 1.00; M290: 1.00; M291: 1.00; M292: 1.00; M293: 1.00; M294: 1.00; M295: 1.00; M296: 1.00; M297: 1.00; M298: 1.00; M299: 1.00; M300: 1.00; M301: 1.00; M302: 1.00; M303: 1.00; M304: 1.00; M305: 1.00; M306: 1.00; M307: 1.00; M308: 1.00; M309: 1.00; M310: 1.00; M311: 1.00; M312: 1.00; M313: 1.00; M314: 1.00; M315: 1.00; M316: 1.00; M317: 1.00; M318: 1.00; M319: 1.00; M320: 1.00; M321: 1.00; M322: 1.00; M323: 1.00; M324: 1.00; M325: 1.00; M326: 1.00; M327: 1.00; M328: 1.00; M329: 1.00; M330: 1.00; M331: 1.00; M332: 1.00; M333: 1.00; M334: 1.00; M335: 1.00; M336: 1.00; M337: 1.00; M338: 1.00; M339: 1.00; M340: 1.00; M341: 1.00; M342: 1.00; M343: 1.00; M344: 1.00; M345: 1.00; M346: 1.00; M347: 1.00; M348: 1.00; M349: 1.00; M350: 1.00; M351: 1.00; M352: 1.00; M353: 1.00; M354: 1.00; M355: 1.00; M356: 1.00; M357: 1.00; M358: 1.00; M359: 1.00; M360: 1.00; M361: 1.00; M362: 1.00; M363: 1.00; M364: 1.00; M365: 1.00; M366: 1.00; M367: 1.00; M368: 1.00; M369: 1.00; M370: 1.00; M371: 1.00; M372: 1.00; M373: 1.00; M374: 1.00; M375: 1.00; M376: 1.00; M377: 1.00; M378: 1.00; M379: 1.00; M380: 1.00; M381: 1.00; M382: 1.00; M383: 1.00; M384: 1.00; M385: 1.00; M386: 1.00; M387: 1.00; M388: 1.00; M389: 1.00; M390: 1.00; M391: 1.00; M392: 1.00; M393: 1.00; M394: 1.00; M395: 1.00; M396: 1.00; M397: 1.00; M398: 1.00; M399: 1.00; M400: 1.00; M401: 1.00; M402: 1.00; M403: 1.00; M404: 1.00; M405: 1.00; M406: 1.00; M407: 1.00; M408: 1.00; M409: 1.00; M410: 1.00; M411: 1.00; M412: 1.00; M413: 1.00; M414: 1.00; M415: 1.00; M416: 1.00; M417: 1.00; M418: 1.00; M419: 1.00; M420: 1.00; M421: 1.00; M422: 1.00; M423: 1.00; M424: 1.00; M425: 1.00; M426: 1.00; M427: 1.00; M428: 1.00; M429: 1.00; M430: 1.00; M431: 1.00; M432: 1.00; M433: 1.00; M434: 1.00; M435: 1.00; M436: 1.00; M437: 1.00; M438: 1.00; M439: 1.00; M440: 1.00; M441: 1.00; M442: 1.00; M443: 1.00; M444: 1.00; M445: 1.00; M446: 1.00; M447: 1.00; M448: 1.00; M449: 1.00; M450: 1.00; M451: 1.00; M452: 1.00; M453: 1.00; M454: 1.00; M455: 1.00; M456: 1.00; M457: 1.00; M458: 1.00; M459: 1.00; M460: 1.00; M461: 1.00; M462: 1.00; M463: 1.00; M464: 1.00; M465: 1.00; M466: 1.00; M467: 1.00; M468: 1.00; M469: 1.00; M470: 1.00; M471: 1.00; M472: 1.00; M473: 1.00; M474: 1.00; M475: 1.00; M476: 1.00; M477: 1.00; M478: 1.00; M479: 1.00; M480: 1.00; M481: 1.00; M482: 1.00; M483: 1.00; M484: 1.00; M485: 1.00; M486: 1.00; M487: 1.00; M488: 1.00; M489: 1.00; M490: 1.00; M491: 1.00; M492: 1.00; M493: 1.00; M494: 1.00; M495: 1.00; M496: 1.00; M497: 1.00; M498: 1.00; M499: 1.00; M500: 1.00; M501: 1.00; M502: 1.00; M503: 1.00; M504: 1.00; M505: 1.00; M506: 1.00; M507: 1.00; M508: 1.00; M509: 1.00; M510: 1.00; M511: 1.00; M512: 1.00; M513: 1.00; M514: 1.00; M515: 1.00; M516: 1.00; M517: 1.00; M518: 1.00; M519: 1.00; M520: 1.00; M521: 1.00; M522: 1.00; M523: 1.00; M524: 1.00; M525: 1.00; M526: 1.00; M527: 1.00; M528: 1.00; M529: 1.00; M530: 1.00; M531: 1.00; M532: 1.00; M533: 1.00; M534: 1.00; M535: 1.00; M536: 1.00; M537: 1.00; M538: 1.00; M539: 1.00; M540: 1.00; M541: 1.00; M542: 1.00; M543: 1.00; M544: 1.00; M545: 1.00; M546: 1.00; M547: 1.00; M548: 1.00; M549: 1.00; M550: 1.00; M551: 1.00; M552: 1.00; M553: 1.00; M554: 1.00; M555: 1.00; M556: 1.00; M557: 1.00; M558: 1.00; M559: 1.00; M560: 1.00; M561: 1.00; M562: 1.00; M563: 1.00; M564: 1.00; M565: 1.00; M566: 1.00; M567: 1.00; M568: 1.00; M569: 1.00; M570: 1.00; M571: 1.00; M572: 1.00; M573: 1.00; M574: 1.00; M575: 1.00; M576: 1.00; M577: 1.00; M578: 1.00; M579: 1.00; M580: 1.00; M581: 1.00; M582: 1.00; M583: 1.00; M584: 1.00; M585: 1.00; M586: 1.00; M587: 1.00; M588: 1.00; M589: 1.00; M590: 1.00; M591: 1.00; M592: 1.00; M593: 1.00; M594: 1.00; M595: 1.00; M596: 1.00; M597: 1.00; M598: 1.00; M599: 1.00; M600: 1.00; M601: 1.00; M602: 1.00; M603: 1.00; M604: 1.00; M605: 1.00; M606: 1.00; M607: 1.00; M608: 1.00; M609: 1.00; M610: 1.00; M611: 1.00; M612: 1.00; M613: 1.00; M614: 1.00; M615: 1.00; M616: 1.00; M617: 1.00; M618: 1.00; M619: 1.00; M620: 1.00; M621: 1.00; M622: 1.00; M623: 1.00; M624: 1.00; M625: 1.00; M626: 1.00; M627: 1.00; M628: 1.00; M629: 1.00; M630: 1.00; M631: 1.00; M632: 1.00; M633: 1.00; M634: 1.00; M635: 1.00; M636: 1.00; M637: 1.00; M638: 1.00; M639: 1.00; M640: 1.00; M641: 1.00; M642: 1.00; M643: 1.00; M644: 1.00; M645: 1.00; M646: 1.00; M647: 1.00; M648: 1.00; M649: 1.00; M650: 1.00; M651: 1.00; M652: 1.00; M653: 1.00; M654: 1.00; M655: 1.00; M656: 1.00; M657: 1.00; M658: 1.00; M659: 1.00; M660: 1.00; M661: 1.00; M662: 1.00; M663: 1.00; M664: 1.00; M665: 1.00; M666: 1.00; M667: 1.00; M668: 1.00; M669: 1.00; M670: 1.00; M671: 1.00; M672: 1.00; M673: 1.00; M674: 1.00; M675: 1.00; M676: 1.00; M677: 1.00; M678: 1.00; M679: 1.00; M680: 1.00; M681: 1.00; M682: 1.00; M683: 1.00; M684: 1.00; M685: 1.00; M686: 1.00; M687: 1.00; M688: 1.00; M689: 1.00; M690: 1.00; M691: 1.00; M692: 1.00; M693: 1.00; M694: 1.00; M695: 1.00; M696: 1.00; M697: 1.00; M698: 1.00; M699: 1.00; M700: 1.00; M701: 1.00; M702: 1.00; M703: 1.00; M704: 1.00; M705: 1.00; M706: 1.00; M707: 1.00; M708: 1.00; M709: 1.00; M710: 1.00; M711: 1.00; M712: 1.00; M713: 1.00; M714: 1.00; M715: 1.00; M716: 1.00; M717: 1.00; M718: 1.00; M719: 1.00; M720: 1.00; M721: 1.00; M722: 1.00; M723: 1.00; M724: 1.00; M725: 1.00; M726: 1.00; M727: 1.00; M728: 1.00; M729: 1.00; M730: 1.00; M731: 1.00; M732: 1.00; M733: 1.00; M734: 1.00; M735: 1.00; M736: 1.00; M737: 1.00; M738: 1.00; M739: 1.00; M740: 1.00; M741: 1.00; M742: 1.00; M743: 1.00; M744: 1.00; M745: 1.00; M746: 1.00; M747: 1.00; M748: 1.00; M749: 1.00; M750: 1.00; M751: 1.00; M752: 1.00; M753: 1.00; M754: 1.00; M755: 1.00; M756: 1.00; M757: 1.00; M758: 1.00; M759: 1.00; M760: 1.00; M761: 1.00; M762: 1.00; M763: 1.00; M764: 1.00; M765: 1.00; M766: 1.00; M767: 1.00; M768: 1.00; M769: 1.00; M770: 1.00; M771: 1.00; M772: 1.00; M773: 1.00; M774: 1.00; M775: 1.00; M776: 1.00; M777: 1.00; M778: 1.00; M779: 1.00; M780: 1.00; M781: 1.00; M782: 1.00; M783: 1.00; M784: 1.00; M785: 1.00; M786: 1.00; M787: 1.00; M788: 1.00; M789: 1.00; M790: 1.00; M791: 1.00; M792: 1.00; M793: 1.00; M794: 1.00; M795: 1.00; M796: 1.00; M797: 1.00; M798: 1.00; M799: 1.00; M800: 1.00; M801: 1.00; M802: 1.00; M803: 1.00; M804: 1.00; M805: 1.00; M806: 1.00; M807: 1.00; M808: 1.00; M809: 1.00; M810: 1.00; M811: 1.00; M812: 1.00; M813: 1.00; M814: 1.00; M815: 1.00; M816: 1.00; M817: 1.00; M818: 1.00; M819: 1.00; M820: 1.00; M821: 1.00; M822: 1.00; M823: 1.00; M824: 1.00; M825: 1.00; M826: 1.00; M827: 1.00; M828: 1.00; M829: 1.00; M830: 1.00; M831: 1.00; M832: 1.00; M833: 1.00; M834: 1.00; M835: 1.00; M836: 1.00; M837: 1.00; M838: 1.00; M839: 1.00; M840: 1.00; M841: 1.00; M842: 1.00; M843: 1.00; M844: 1.00; M845: 1.00; M846: 1.00; M847: 1.00; M848: 1.00; M849: 1.00; M850: 1.00; M851: 1.00; M852: 1.00; M853: 1.00; M854: 1.00; M855: 1.00; M856: 1.00; M857: 1.00; M858: 1.00; M859: 1.00; M860: 1.00; M861: 1.00; M862: 1.00; M863: 1.00; M864: 1.00; M865: 1.00; M866: 1.00; M867: 1.00; M868: 1.00; M869: 1.00; M870: 1.00; M871: 1.00; M872: 1.00; M873: 1.00; M874: 1.00; M875: 1.00; M876: 1.00; M877: 1.00; M878: 1.00; M879: 1.00; M880: 1.00; M881: 1.00; M882: 1.00; M883: 1.00; M884: 1.00; M885: 1.00; M886: 1.00; M887: 1.00; M888: 1.00; M889: 1.00; M890: 1.00; M891: 1.00; M892: 1.00; M893: 1.00; M894: 1.00; M895: 1.00; M896: 1.00; M897: 1.00; M898: 1.00; M899: 1.00; M900: 1.00; M901: 1.00; M902: 1.00; M903: 1.00; M904: 1.00; M905: 1.00; M906: 1.00; M907: 1.00; M908: 1.00; M909: 1.00; M910: 1.00; M911: 1.00; M912: 1.00; M913: 1.00; M914: 1.00; M915: 1.00; M916: 1.00; M917: 1.00; M918: 1.00; M919: 1.00; M920: 1.00; M921: 1.00; M922: 1.00; M923: 1.00; M924: 1.00; M925: 1.00; M926: 1.00; M927: 1.00; M928: 1.00; M929: 1.00; M930: 1.00; M931: 1.00; M932: 1.00; M933: 1.00; M934: 1.00; M935: 1.00; M936: 1.00; M937: 1.00; M938: 1.00; M939: 1.00; M940: 1.00; M941: 1.00; M942: 1.00; M943: 1.00; M944: 1.00; M945: 1.00; M946: 1.00; M947: 1.00; M948: 1.00; M949: 1.00; M950: 1.00; M951: 1.00; M952: 1.00; M953: 1.00; M954: 1.00; M955: 1.00; M956: 1.00; M957: 1.00; M958: 1.00; M959: 1.00; M960: 1.00; M961: 1.00; M962: 1.00; M963: 1.00; M964: 1.00; M965: 1.00; M966: 1.00; M967: 1.00; M968: 1.00; M969: 1.00; M970: 1.00; M971: 1.00; M972: 1.00; M973: 1.00; M974: 1.00; M975: 1.00

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like LK2D Lefkada island, TSKL Tsoukalades, RLS Riolos of Patr, etc.

VAO 11 04:11:57.2-2.1, 14.44S:75.74W, h10km, mb4.2
NEIC 11 04:12:12.6-1.8, 14.33S:01:174.9W:0.1, h84km, 8km,
mb4.3/13, ML4.4(ARE), Error ellipse: s-maj=18.7km

ARE 11 04:12:12.2-5, 14.32S:0:09.74:9W:0.1, h56km, 8km,
Error ellipse: s-maj=15.8km s-min=12.8km az=78.0
IDC 11 04:12:15.0-2.4, 14.26S:74.78W, h112km, 23km, mb3.6/6,
mb1.3/8.1, mb1mx3.6/3.1, mbtmp4.0/1.1, MS2.6/1,
Ms1.3.0/1, ms1mx2.6/1.7, Error ellipse: s-maj=29.3km
s-min=16.6km az=58.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, PB01 IPOC Station P, PB07 IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like H1N3 WAKE ISLAND Hyt21.00 285 T, H1N2 WAKE ISLAND Hyt21.02 285 T, etc.

IDC 11 04:42:21.1-2.5, 5.52S:152.32E, h0km, mb3.5/3,
mb1.3/8.3, mb1mx3.5/3.7, mbtmp3.5/3, MS3.0/2, Ms1.3.0/2,
ms1mx2.6/2.0, Error ellipse: s-maj=177.4km
s-min=32.4km az=128.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, etc.

ANF 11 04:49:06.7-0.8, 36.62N:97.82W, h5km, ML3.6/11, Error
ellipse: s-maj=2.6km s-min=2.4km az=168.0
TUL 11 04:49:06.5-1.0, 36.62N:0:02.97:81W:0.0, h7km, 1km,
ML3.0, mb_Lg3.0/90(NEIC), Error ellipse: s-maj=7.4km
s-min=2.4km az=79.0
NEIC 11 04:49:06.7-0.8, 36.62N:0:01.97:79W:0.0, h5km, 2km,
Error ellipse: s-maj=8.8km s-min=3.0km az=259.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CROK Carrier, GCO2 Grant County #, GCO2 Salt Plains WL, etc.

ISC 11 04:49:06.8-1.0, 36.61N:0:02.97:81W:0.02, h9km, 8km,
n94, c05772, Oklahoma

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like U32A Winter Ranch, U32A Winter Ranch, U32A Winter Ranch, etc.

QUOK Quay, OK031 S. Brethren Rd, T35A Sooner Cattle, T35B Sooner Cattle, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like OK025 Westminster Rd, OKCFA Oklahoma City, OKCFA Oklahoma City, etc.

OKCWS OKLAHOMA CITY, FNO Franklin, TUL1 Leonard, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like R32A Long Quarter, R32A Long Quarter, R32A Long Quarter, etc.

X34A Smith Ranch, M, WMOK Wichita Mounta, WMOK Wichita Mounta, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like KSU1 Kansas State U, KSU1 Kansas State U, KSU1 Kansas State U, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like X37A Clayton, H3AR Hobbs, W39A Magazine, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ABTX Abilene, Hawle, MGMO Mountain Grove, MGMO Mountain Grove, etc.

WHAH Woolly Hollow, R40A Maddies Statio, R40A Maddies Statio, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like BGNE Belgrade, BGNE Belgrade, BGNE Belgrade, etc.

LCAR Lake Charles, CCM Cathedral Cave, CCM Cathedral Cave, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like L34A Svendsen Farm, L34A Svendsen Farm, L34A Svendsen Farm, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like LPAR Lepanto, SDCO Sand Dun, SDCO Sand Dun, etc.

SCIA State Center, HALT Halls, ISCO Idaho Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like L40A Anamosa, Y22D IRIS PASSCAL, Y22D IRIS PASSCAL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like L42A Oliver, JFWS Jewell Farm, T47A Sharon Grove, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like K22A Caspe, SFIN Lafayette, CLTN Cedars of Leba, etc.

U49A Red Boiling Sp, I42A Draeger Farm, I42A Draeger Farm, etc.

IDC 11 04:57:27.6-0.8, 29.64N:142.10E, h0km, mb4.0/15,
mb1.4/2.18, mb1mx4.0/3.6, mbtmp4.0/1.8, ML3.1/3, MS3.2/4,
Ms1.3.2/4, ms1mx2.7/3.2, Error ellipse: s-maj=26.4km
s-min=17.5km az=72.0

JMA 11 04:57:29.0-0.2, 29.94N:142.78E, h54km, M4.2
ISC 11 04:57:32.2-0.8, 29.82N:0:09.142:1E:0.2, h26km, n27,
c124/27, MS4.0/14, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso I, JHU Hanno, JRY Ryogami san, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like KSRK Kora Array, USRK Ussuriysk Arr, KLR Kul'dur, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, ZALV Zalesovo Beam, HHAR Makanchi Array, etc.

IDC 11 07:46:10.61e, 1.9, 52:29N; 169:48W, h0km, mb3.4/2, mb1 3.7/6, mb1mx3.3/50, mbtmp3.6/4, ML3.3/2, Error ellipse: s-maj=63.1km s-min=25.2km az=168.0, AEIC 11 07:46:11.1e, 5.2:23N; 0.06, 169:51W; 0.07, h14km; 7km, Error ellipse: s-maj=8.6km s-min=6.5km az=165.0, NEIC 11 07:46:12.4e, 1.3, 52:25N; 0.09, 169:50W; 0.1, h17km; 13km, ML3.4(AEIC), Error ellipse: s-maj=14.3km s-min=7.8km az=157.0

ISC 11 07:46:11.1-1.1, 52:22N; 0.1x169:46W; 0.08, h10km, n51, <084/45, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like NIKH, OKSP, OKCE, etc.

IDC 11 07:50:09.61e, 4.1, 38:97N; 143:48E, h0km, mb3.6/4, mb1 3.7/6, mb1mx3.5/38, mbtmp3.6/6, ML3.3/2, Error ellipse: s-maj=34.9km s-min=25.3km az=108.0, JMA 11 07:50:12.2e, 0.1, 39:10N; 143:36E, h25km; 3km, M3.8, NIED 11 07:50:12.3, 39:10N; 143:36E, h25km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14N; Mn=0.79; Mw=0.91; Mx=0.12; Mz=0.33; Mxx=0.30; Mxy=2.81; Fault plane solution: M=4.45000x10^14 NPI; <230.0000, <35.0000, <1.96.00000. NP2=<99.00000, <3.8.00000, <2.00000

ISC 11 07:50:13.6e, 3.6, 39:12N; 0.06, 143:28E; 0.09, h23km; 25km, n23, <088/27, mb3.6/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like MIYJ, MIJU, OFJU, etc.

IDC 11 08:21:29.8e, 2.7, 19:36S; 176:71W, h0km, mb3.8/4, mb1 4.1/4, mb1mx3.7/29, mbtmp3.8/4, Error ellipse: s-maj=265.3km s-min=32.7km az=161.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like CTA, ASAR, WRA, etc.

IDC 11 08:24:25.0e, 4.5, 32:03S; 177:78W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/29, mbtmp4.0/3, MS3.4/1, Ms1 3.4/1, ms1mx2.7/24, Error ellipse: s-maj=176.5km s-min=54.1km az=162.0, NEIC 11 08:24:26.0e, 0.6, 32:05S; 0.08, 177:77W; 0.2, h10km; 2km,

mb4.4/8, Error ellipse: s-maj=32.0km s-min=12.8km az=102.0

ISC 11 08:24:26.8e, 1.3, 32:1S; 0.1x177:7W; 0.2, h18km, n18, <092/17, mb4.3/6, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like RAO, RAO, RAO, etc.

AEIC 11 08:36:25.3e, 4.5, 52:1N; 0.2, 174:9E; 0.1, h123km; 7km, Error ellipse: s-maj=27.7km s-min=11.3km az=182.0, NEIC 11 08:36:26.3e, 1.4, 52:4N; 0.2, 175:3E; 0.1, h135km; 11km, mb4.2/77, ML3.5(AEIC), Error ellipse: s-maj=28.7km s-min=11.8km az=179.0

IDC 11 08:36:27.7e, 3.6, 52:73N; 175:40E, h134km; 32km, mb3.8/18, mb1 3.9/21, mb1mx3.7/46, mbtmp4.2/21, MS3.6/2, Ms1 3.6/2, ms1mx2.6/52, Error ellipse: s-maj=19.4km s-min=11.5km az=176.0

ISC 11 08:36:27.0e, 0.6, 52:65N; 0.1, 175:41E; 0.06, h135km, n219, <076/220, mb4.2/52, Rat Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like SMY, LSNW, LSPA, etc.

IDC 11 08:40:09.61e, 4.1, 38:97N; 143:48E, h0km, mb3.6/4, mb1 3.7/6, mb1mx3.5/38, mbtmp3.6/6, ML3.3/2, Error ellipse: s-maj=34.9km s-min=25.3km az=108.0, JMA 11 08:40:12.2e, 0.1, 39:10N; 143:36E, h25km; 3km, M3.8, NIED 11 08:40:12.3, 39:10N; 143:36E, h25km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14N; Mn=0.79; Mw=0.91; Mx=0.12; Mz=0.33; Mxx=0.30; Mxy=2.81; Fault plane solution: M=4.45000x10^14 NPI; <230.0000, <35.0000, <1.96.00000. NP2=<99.00000, <3.8.00000, <2.00000

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like OHAK, L19K, M19K, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like MCK, NEA2, I23K, etc.

11d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like WUJAZ, G08A Pilot Rock, PKCU Pink Cliffs, HAWA Hanford, MTPU Mount Pierson, MFID Beach Ranch, HLD Halley, WRH Wood River Hill, DOT Dot Lake, CCB Clear Creek Bu, ILAR Ejilout Array, TX31 Lajitas Ar. Si, TX32 Lajitas Array, TXAR Lajitas Array, ANMO Albuquerque, MCMT McKenzie Canyo, SNOW Snow King Moun, IMW Indian Meadow, FLWY Flag Ranch, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, SNA3 Neumayer Olymp, VNA3 Neumayer-Watz, VNA1 Neumayer-Stat, WMOK Wichita Mounta, ACES ARCESS Array B, FINES FINESSE Array B, BRTR Keskin Array B, BRTR Keskin Array B, GERES GERESS Array B, CONA Conrad Observa, KBA Koelnbreinsper, WATA Walderalm, RETA Reutte, WTTA Wattenberg, DIVS Divibare, DIVS Moosalm, MYKA Terra Mystica, SQTa Sankt Quirin, ABTA Abfältersbach, DAVA Damuels, FETA Feichten, and KEF5 Kardakata, Kep.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KEF5 Kardakata, KEF5 Kardakata, VLS Valsamata, VLS Valsamata, MAKRR Makrakommi, MAKRR Makrakommi, MAKRR Makrakommi, MAKRR Makrakommi, KEF4 Livadi, KEF4 Livadi, JAIN Janina, JAIN Janina, ARG Argositol, ARG Argositol, DAM Damoulaniata-K, DMLN DMLN, PSDA Pessada-Kefalo, PSDA Pessada-Kefalo, SERG Sergoula, SERG Sergoula, SERG Sergoula, SERG Sergoula, KEF3 Kipouria, KEF3 Kipouria, KEF3 Kipouria, KEF3 Kipouria, TRIZ Trizonia, TRIZ Trizonia, TRIZ Trizonia, TRIZ Trizonia, IGT Igoumenitsa, IGT Igoumenitsa, IGT Igoumenitsa, IGT Igoumenitsa, LAKA Lakka, LAKA Lakka, LAKA Lakka, LAKA Lakka, THL Klokotos Trika, THL Klokotos Trika, VLMS Volimes, Zaykn, VLMS Volimes, Zaykn, KPRO Kiproio, KPRO Kiproio, KPRO Kiproio, KPRO Kiproio, KLV Kalavryta, KLV Kalavryta, LTHK Lithakia, LTHK Lithakia, KEK Kerkira, KEK Kerkira, KEK Kerkira, KEK Kerkira, LKR Lokris, LKR Lokris, LTK Loutrak, LTK Loutrak, VL2 Platees, VL2 Platees, FNA Florina, FNA Florina, FNA Florina, SRS Serrai, SRS Serrai, ZAPS Zavojo, ZAPS Zavojo, GRUS Grubuza, GRUS Grubuza, DIVS Divivare, DIVS Divivare, HVAR Hvar, HVAR Hvar, ZIRJ Zirje, ZIRJ Zirje, MORI Morici, MORI Morici, DUGI Dugi Otok, DUGI Dugi Otok, DUGI Dugi Otok, DUGI Dugi Otok, KURBB Kurchatov Arra, KURBB Kurchatov Arra, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ABTX Abilene, Hawle, U40A Yellville, S39A Bolivar, X40A Basin Creek, WHAR Woolly Hollow, FCAR Ozark Folk Cen, R40A Maddies Station, JCT Junction City, PBMO Poplar Bluff.

ISK 11 09:59:32.6, 41°25'N-28°68'E, h0km, ML2.0/1, Suspected

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ISK Istanbul-Kandi, ISK Istanbul-Kandi, SLVT Silivri, CTYL Yalikoy Yolu, CTYL Yalikoy Yolu, SILT Site, HRT Hereke, YLV Yalova, MRMT Marmara Adasi, EDC Edincik, GZTK Gazitaky-Tekird, MAR4 Mariste Statio, RKY Sarkoy-Tekirda, EDRB Edirne, GULT Gulveren.

IDC 11 09:59:29.1, 3.8, 35°64'N-141°40'E, h0km, mb3.4/3, mb1 3.9/4, mb1mx3.3/44, mbtmp3.3/4, ML2.1/1, MS2.6/2, Ms1 2.6/2, ms1mx2.2/28, Error ellipse: s-maj=113.9km s-min=29.2km az=55.0

JMA 11 09:59:34.5, 0.1, 35°56'N-141°06'E, h35km, 1km, M2.7

ISC 11 09:59:34.8, 1.4, 35°55'N-107°14'11"E, 0.1, h35km, n13, 0°50'16", mb3.6/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like CHQJ Chosi, CHQJ Chosi, JSMT Sammumatsuo, JSMT Sammumatsuo, JIHU Itakohinouch, JIHU Itakohinouch, BS04 Boso 4, BS03 Boso 3, BS03 Boso 3, BS03 Boso 3, BS01 Boso 1, JYT Yasato, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAT Matsushiro, MAT Matsushiro, KSRS Korea Array, KSRS Korea Array, WURB Kurchatov Arra, WURB Kurchatov Arra, KURB Warrungarra Arr, KURB Warrungarra Arr, ASAR Alice Springs, ASAR Alice Springs.

IDC 11 10:01:38.5, 2.5, 53°31'N-86°54'E, h0km, mb1.9/2, mb1mx2.8/5.1, mbtmp2.9/6.2, ML2.5/2, Error ellipse: s-maj=20.2km s-min=12.5km az=64.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like I46RU ZALISOVO INFRA, I46RU ZALISOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KURBB Kurchatov Arra, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam.

BUC 11 10:01:38.3, 0.2, 46°34'N-23°21'E, h2km, ml1.4/6, 16C-11D, Error ellipse: s-maj=1.8km s-min=1.2km az=44.0, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like DRGR Gazitaky, DRGR Gazitaky, DRGR Gazitaky, LOT Lotru, LOT Lotru, LOT Lotru, GZR Gura Zlata, GZR Gura Zlata, GZR Gura Zlata, SIRR Siria, SIRR Siria, SIRR Siria, BZS Buzias, BZS Buzias, VOIR Voinia, VOIR Voinia, VOIR Voinia, JOSR Joseni, JOSR Joseni, OZUR Ozur, OZUR Ozur, MLR Muntele Rosu, MLR Muntele Rosu, PLOR Plostina, PLOR Plostina, VRI Vrincoia, VRI Vrincoia, VRI Vrincoia.

NEIC 11 10:23:21.2, 0.1, 36°37'N-100°08'97.68W, 0.01, h4km, 7km, mb_Lg2.7/2, Error ellipse: s-maj=1.7km s-min=1.3km az=107.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like GC02 Grant County #, GC02 Grant County #, KAN17 Caldwell West, KAN17 Caldwell West, KAN13 South Haven SW, KAN13 South Haven SW, KS20 Mayfield South, KS20 Mayfield South, BLOK Blackwell, BLOK Blackwell, BLOK Blackwell, KAN10 Anthony SW Sta, KAN10 Anthony SW Sta, KAN08 Anthony NE Sta, KAN08 Anthony NE Sta, OK032 Salt Plains WL, OK032 Salt Plains WL, CROK Carrier, CROK Carrier, KAN12 Harper NE Sta, KAN12 Harper NE Sta.

IDC 11 09:52:13.6, 47.0, 38°42'N-20°69'E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.4/37, mbtmp3.8/4, Error ellipse: s-maj=913.7km s-min=64.6km az=35.0

ATH 11 09:52:23.0, 38°80'N-21°15'E, h17km, 2km, ML2.7/12, Error ellipse: s-maj=2.4km s-min=0.8km az=307.0

THE 11 09:52:23.3, 38°84'N-21°15'E, h23km, ML2.8/12, Error ellipse: s-maj=1.0km s-min=0.8km az=215.0

BEO 11 09:52:24.0, 1.2, 38°85'N-21°18'E, h13km, 1km, ML2.7/4

IOC 11 09:52:22.9, 0.9, 38°86'N-02°21'12"E, 0.02, h31km, 8km, n61, c1817/90, mb3.4/4, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, TSLK Tsoukalades, L, TSLK Tsoukalades, L, TSLK Tsoukalades, L, TSLK Tsoukalades, L, LK02 Lefkada island, LK02 Lefkada island, LK02 Lefkada island, LK02 Lefkada island, EVGI Lefkada island, EVGI Lefkada island, EVGI Lefkada island, DRAG Dragano-Lefkad, DRAG Dragano-Lefkad, EVR Evrytania, EVR Evrytania, EVR Evrytania, EVR Evrytania, FSK Fiskardo, FSK Fiskardo, FSK Fiskardo, FSK Fiskardo, EFP Efpalio, EFP Efpalio, EFP Efpalio, EFP Efpalio, KEF5 Kardakata, Kep, KEF5 Kardakata, Kep.

TUL 11 09:53:24.6, 0.9, 35°74'N-101°01'97.374W, 0.007, h6km, 5km, ML2.4, mb_Lg2.2/13(NEIC), Error ellipse: s-maj=1.9km s-min=0.6km az=162.0

NEIC 11 09:53:24.9, 0.8, 35°75'N-100°06'97.39W, 0.02, h7km, 5km, Error ellipse: s-maj=2.7km s-min=0.8km az=104.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like OK029 Liberty Lake, OK029 Liberty Lake, OK009 Oakdale Elemen, OK025 Westminster Rd, OK025 Westminster Rd, OK005 Luther M Schoo, OK005 Luther M Schoo, BCOK Bluff Creek, N, BCOK Bluff Creek, N, OK001 Jones High Sch, OK001 Jones High Sch, OK001 Oklahoma City, OK001 Oklahoma City, OK001 Oklahoma City, OK001 Oklahoma City, OK035 OKLAHOMA CITY, OK031 S. Brethren Rd, OK031 S. Brethren Rd, FNO Franklin, FNO Franklin, QUOK Quay, QUOK Quay, CROK Carrier, CROK Carrier, BLOK Blackwell, BLOK Blackwell, GC02 Grant County #, GC02 Grant County #, KAN13 Smith Ranch, M, KAN13 Smith Ranch, M, KAN17 Caldwell West, KAN17 Caldwell West, KAN13 South Haven SW, KAN13 South Haven SW, KS20 Mayfield South, KS20 Mayfield South, KAN10 Anthony SW Sta, KAN10 Anthony SW Sta, WMOK Wichita Mounta, WMOK Wichita Mounta, KAN08 Anthony NE Sta, KAN08 Anthony NE Sta, KAN12 Harper NE Sta, KAN12 Harper NE Sta, LOOK Love County, LOOK Love County, X37A Clayton, X37A Clayton, Z35A Perchaven, San, Z35A Perchaven, San, U38A Gravette, U38A Gravette, HHAR Hobbs, HHAR Hobbs, MIAR Mount Ida, MIAR Mount Ida.

Table with columns: Code, Station Name, Az, Alt, P, Q, H, S, Res. Includes entries like 735A Sooner Cattle, 735B Quok, 735C Quok, etc.

BJI 11 10:34:22.2,0.0,4.7S;123.99E;h140km,mB4.8/41, mb4.9/60
IDC 11 10:34:28.3,0.8,0.12N;123.49E,h138km/gm,mb4.5/32, mb1.4/35,mb1mx4.4/41,mbtpp4.9/35,MS3.9/S, Ms1.3/5.9,ms1mx3.1/38,Error ellipse: s-maj=13.7km s-min=7.0km az=82.0
NEIC 11 10:34:28.2,2.1,0.13N;0.07x123.53E;0.06,h131km,4km, mb4.9/126,Error ellipse: s-maj=10.0km s-min=8.7km az=216.0
MOS 11 10:34:28.4,0.9,0.13N;123.30E,h161km,mb4.8/19,Error ellipse: s-maj=11.5km s-min=6.0km az=100.6
GCMT 11 10:34:29.0,0.2,0.14N;0.02x123.62E;0.03,h131km,2km, mb5.3/14,mb5.0/30,MLV5.4/19,MW(mB)4.8/14
KLM 11 10:34:30.0,0.03N;123.69E,h152km,mb5.0
ISC 11 10:34:28.8,0.4,0.02N;0.04x123.53E;0.04,h142km,3km,h143km;p-P,n602,e1936/637,mb4.9/145,54C-37D,Fault plane solution: NP1:e232.46121°,δ53.49104°, λ100.47484°. NP2:φ35.83360°,δ37.68629°,λ76.70309°. Principal axes: T Plg78.6011°,Azml181.2079°;N Plg8.0829°,Azml46.4271°;P Plg7.9837°,Azml315.2858°; Minahasna Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Alt, P, Q, H, S, Res. Includes entries like MRSI Marisa, MNI Manado, APSI Ampana, etc.

Table with columns: Code, Station Name, Az, Alt, P, Q, H, S, Res. Includes entries like BKB Balikpapan, BKB Balikpapan, BSSI Biau, Biau, Buton, etc.

Table with columns: Code, Station Name, Az, Alt, P, Q, H, S, Res. Includes entries like NONG Nongkai, MEEK Meekatharra, SRDT SRDT, etc.

Table with columns: Station ID, Name, Time, Azimuth, Distance, Magnitude, etc. Includes stations like BR131 Keskin Array S, BRTR Keskin Array B, BRTR Keskin Array B, QSPA South Pole Qui, etc.

Table with columns: Station ID, Name, Time, Azimuth, Distance, Magnitude, etc. Includes stations like GMRC Granite Mounta, DUG Dugway, Tooele, RLMT Red Lodge, BW06 Boulder Array, etc.

Table with columns: Station ID, Name, Time, Azimuth, Distance, Magnitude, etc. Includes stations like I61A Oroboro, Fairl, P52A Corning, H64A Tro, H65A Eastbrook, etc.

Table with columns: Code, Station Name, Azimuth, Distance, Phase ID, Time, Res. Includes OTT 11 10:55:49.21, 2.59:06N:55:00W, etc.

Table with columns: Code, Station Name, Azimuth, Distance, Phase ID, Time, Res. Includes IDC 11 10:59:31.0, 3.2:5:13S, 102:36E, etc.

Table with columns: Code, Station Name, Azimuth, Distance, Phase ID, Time, Res. Includes CMAR Chiang Mai Arr, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

TXAR Lajitas Array 145.61 43 PKPbc PKPdf 11 09 11.6 -0.4

TXAR Lajitas Array 145.61 43 PKPbc PKPdf 11 09 12.1 +0.1

BJI 11 11:05:36.0, 0.42, 90N:145.98E, h38km, mb4.9/24, mb4.6/37, Ms3.8/10, Ms7.3/6/3

MOS 11 11:05:39.7, 1.0, 42.83N:145.54E, h43km, mb4.7/26, Error ellipse: s-maj=8.1km s-min=5.1km az=93.1

SKHL 11 11:05:41.8, 0.5, 42.90N:145.60E, h52km, mb3.3/4, NIED 11 11:05:42.2, 42.93N:145.49E, h47km, MW4.3, Moment Tensor Solution. s3 Moment tensor: Scale 1.015Nm

JMA 11 11:05:41.2, 0.1, 42.93N:145.48E, h47km, mb4.2, M4.2, JMA Feil II J1, IDC 11 11:05:43.2, 2.5, 42.97N:145.45E, h54km, mb3.9/21, mb1.4/125, mb1mx4.0/52, mbtmp4.2/25, ML3.9/2, MS3.4/14, Ms1.3/4/14, ms1mx3.2/42, Error ellipse: s-maj=17.6km s-min=12.7km az=161.0

ISC 11 11:05:41.5, 0.5, 42.91N:0.04:145.49E:0.04, h37km, mb4.2, n256, c114/270, mb4.5/71, MS3.6/12, 12C-20D, Hokkaido region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Time, Residual, ISC. Lists seismic stations and their recorded data.

Table with columns: Station Name, Time, Residual, ISC. Lists seismic stations and their recorded data.

11d 12h

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, MKAR Makanchi Array.

NEIC 11 12:22:55.5, 1.3, 21.63N, 0.09, 143.1E, 0.1, h270km, 3km, mb4.1/30, Error ellipse: s-maj=19.0km s-min=13.6km az=93.0

IDC 11 12:22:55.8, 4.2, 21.63N, 143.14E, h283km, 4.1km, mb3.5/15, mb1.3/6.16, mb1mx3.5/2, mbtmp4.1/16, Error ellipse: s-maj=21.4km s-min=10.9km az=86.0

ISC 11 12:22:58.6, 0.5, 21.80N, 0.08, 143.1E, 0.1, h311km, n57, +076/56, mb3.9/26, Mariana Islands region

Main table for 11d 12h section, listing various seismic stations and their data points.

TUL 11 12:37:28.1, 1.3, 35.40N, 0.02, 96.56W, 0.02, h5km, 6km, ML2.8, mb, Lg2.7/52(NEIC), Error ellipse: s-maj=2.8km s-min=1.7km az=202.0

NEIC 11 12:37:28.3, 1.5, 35.38N, 0.02, 96.57W, 0.03, h8km, 6km, Error ellipse: s-maj=3.4km s-min=2.8km az=123.0, Oklahoma

Table for Oklahoma stations, including OK011 Prague, OK031 S. Brethren Rd, OK025 Westminster Rd, etc.

2015 AUG

Main table for 2015 AUG section, listing stations like Clayton, Smith Ranch, Love County, Blackwell, Sooner Cattle, etc.

IDC 11 12:45:54.3, 1.1, 0.220N, 127.95E, h235km, 115km, mb3.1/4, mb1.3/3.4, mb1mx2.9/52, mbtmp3.7/4, Error ellipse: s-maj=188.5km s-min=21.9km az=65.0, Northern Molucca Sea

Table for Northern Molucca Sea stations, including WRA Warramunga Arr, ASAR Alice Springs, ASAR Karatay Array, etc.

TAP 11 12:46:31.1, 23.18N, 120.43E, h4km, ML1.4, ID, C, Taiwan

Main table for Taiwan stations, including CHN1 Nanshi, CHN1 Hsinying, TWK Hsinying, etc.

Main table for 2015 AUG section (continued), listing stations like Heping Village, ENA Nanshi, ENA baz=316, etc.

IDC 11 12:46:57.4, 24.25N, 121.88E, h29km, 1km, M2.1, TAP 11 12:46:57.1, 24.31N, 121.90E, h24km, ML3.0, B, ISC 11 12:46:57.4, 0.9, 24.30N, 0.02, 121.91E, 0.02, h24km, 6km, n86, +067/115, 1C-6D, Taiwan

Main table for Taiwan stations (continued), including CHY Chiayi, STYH Taoyuan, ALS Alishan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Asem Bagus, Wanagama, Denpasar, Singaraja, Cisonoet, Garu, Cibanong, CNJI.

TAP 11 13:24:06.0,24:30N:121:92E,h24km,ML2.9,C
JMA 11 13:24:06.3,24:24N:121:87E,h32km,1km,M2.4
ISC 11 13:24:06.3,0.9,24:27N,0.02:121:94E,0.02,h18km,2km,

Main table for station data on the left side, including columns for Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Lists numerous stations like Heping Village, Nanau, Fush Village, etc.

Main table for station data in the middle, including columns for Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Lists numerous stations like Guoxing, Beigang Elemen, Zhongli, etc.

Table for station data on the right side, including columns for Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Lists stations like Majia, Ishigaji jima, Mashibuluo, etc.

TAP 11 13:31:49.8,24:32N:121:90E,h25km,ML3.1,B
JMA 11 13:31:50.2,24:27N:121:88E,h29km,1km,M2.5
ISC 11 13:31:50.1,0.9,24:28N,0.01:121:94E,0.02,h18km,3km,

Main table for station data on the right side, including columns for Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Lists numerous stations like Heping Village, Nanau, Fush Village, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HGSD, NSTT Nanjuang, NNTT, NTY Taoyuan, etc.

Table with columns: CHNI, Nanshi, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CHNI, WSF, SGST, SLGT, etc.

Table with columns: ONTNC, Ouen Toro, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ONTNC, DZM, THZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CASY Casey, BAWI Baumata, MORI Morawa, SANI Sanana, MMRI Maumere, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like H03S1 Juan Fernandez, H03S3 Juan Fernandez, SCZ2 Santa Cruz Isl, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PEAOB Petropavlovsk, PEAOB Petropavlovsk, PETK Petropavlovsk, etc.

KIS	Kishinev	152.16 322	ePKIKP	PKPbc	13 55 42.0	-2.1
KIS					13 55 53.0	
MMAI	Mount Meron Ar	152.19 290	PKPbc	PKIKP	13 55 46.4	+1.4
MMAI					13 55 56.3	+1.1
BEL	Belsk	152.28 337	ePKP	PKPdf	13 55 38.6	+1.1
BR131	Keşkin Array S	152.34 304	ePKIKP	PKPdf	13 55 38.3	+0.1
BR131	Keşkin Array S	152.34 304	PKPdf	PKPdf	13 55 37.4	-0.7
BRTR	Keşkin Array S	152.34 304	PKP	PKPdf	13 55 37.5	-0.7
BRTR					13 55 45.0	0.0
BRTR					13 55 37.1	-1.0
EIL	Eilat	152.61 283	ePKPbc	PKIKP	13 55 46.6	+0.7
EIL					13 55 57.2	+1.1
LVV	L'vov	152.62 331	ePKIKP	PKPdf	13 55 38.4	+0.4
BSEG	Bad Segeberg	152.86 352	ePKIKP	PKPdf	13 55 38.9	+0.7
HLG	Heligoland	152.87 325	eX		13 55 46.0	+0.3
BUR08	Bucovina Ar. S	153.65 326	ePKP	PKPdf	13 55 39.7	0.0
BURAR	Bucovina Array	153.65 326	ePKP	PKPdf	13 55 40.1	+0.1
OJC	Ojcow	153.97 336	ePKP	PKPdf	13 55 40.2	+0.2
OJC	Ojcow	153.97 336	ePKP	PKPdf	13 55 41.7	+1.6
KOLS	Kolonické sedl	154.04 332	ePKIKP	PKPdf	13 55 41.7	+1.6
KOLS	Kolonické sedl	154.04 332	ePKP	PKPbc	13 55 46.2	-2.4
UZH	Uzhgorod	154.26 331	ePKIKP	ePKP	13 55 53.6	
FLTZH	Flechtingen	154.29 350	ePKPdf	PKPdf	13 55 40.4	+0.1
FLTG					13 55 48.7	
NRDL	Niedersach Rie	154.30 351	eX	PKPdf	13 55 40.4	+0.1
CRVS	Cervenica-Dubn	154.40 333	ePKIKP	PKPdf	13 55 41.5	+0.9
CRVS	Cervenica-Dubn	154.40 333	ePKIKP	PKPdf	13 55 41.9	+1.1
NIE	Niedzica	154.45 335	ePKP	PKPdf	13 55 40.4	-0.4
KSP	Ksiaz	154.56 342	ePKP	PKPdf	13 55 40.8	+0.2
ASSE	Asse, Remlinge	154.57 350	ePKPdf	PKPdf	13 55 49.5	
MLR	Muntele Rosu	154.66 322	PKP	PKPdf	13 55 41.4	+0.1
MLR					13 55 50.0	+0.1
MLR	Muntele Rosu	154.67 322	ePKPbc	PKPbc	13 55 41.2	-0.1
MLR					13 55 50.4	
IBBN	Ibbenburen	154.74 354	eX		13 55 50.4	
OSTC	Ostas	154.84 341	ePKP	PKPbc	13 55 51.1	+0.1
OSTC					13 59 35.4	-4.9
OSTC					14 19 22.0	+1.7
OSTC					15 13 10.0	
CHVC	Chvalec	154.85 342	ePKP	PKPbc	13 55 42.0	+0.8
CHVC					13 55 51.6	
CHVC					15 12 30.0	
CLZ	Clausthal	154.90 350	ePKP	PKPbc	13 55 41.5	+0.3
CLZ					13 55 51.3	+1.2
UPC	Upipe	154.94 342	ePKIKP	PKIKP	13 55 50.8	
UPC					13 59 38.6	
UPC					13 55 51.3	+1.2
UPC					13 59 38.6	-2.3
UPC					15 12 40.0	
CLL	Colim	154.94 346	ePKP	PKPbc	13 55 42.0	+0.7
CLL					13 55 50.3	+0.3
CLL					13 56 00.9	
CLL					13 56 04.6	-0.8
CLL					13 59 41.0	+0.2
CLL					14 03 07.0	
CLL					14 06 18.0	-1.1
CLL					14 10 05.0	
CLL					14 11 16.0	-8.4
CLL					14 12 36.0	
CLL					14 14 26.0	
CLL					14 19 16.0	-5.1
CLL					14 25 12.0	
CLL					14 26 23.0	
CLL					14 29 24.0	
CLL					14 32 30.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 55 42.0	+0.7
CLL					13 55 50.3	
CLL					13 56 00.9	
CLL					13 56 04.6	-0.8
CLL					13 59 41.0	+0.2
CLL					14 03 07.0	
CLL					14 06 18.0	-1.1
CLL					14 10 05.0	
CLL					14 11 16.0	-8.4
CLL					14 12 36.0	
CLL					14 14 26.0	
CLL					14 19 16.0	-5.1
CLL					14 25 12.0	
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CLL					14 32 30.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 55 42.0	+0.7
CLL					13 55 50.3	
CLL					13 56 00.9	
CLL					13 56 04.6	-0.8
CLL					13 59 41.0	+0.2
CLL					14 03 07.0	
CLL					14 06 18.0	-1.1
CLL					14 10 05.0	
CLL					14 11 16.0	-8.4
CLL					14 12 36.0	
CLL					14 14 26.0	
CLL					14 19 16.0	-5.1
CLL					14 25 12.0	
CLL					14 26 23.0	
CLL					14 29 24.0	
CLL					14 32 30.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 55 42.0	+0.7
CLL					13 55 50.3	
CLL					13 56 00.9	
CLL					13 56 04.6	-0.8
CLL					13 59 41.0	+0.2
CLL					14 03 07.0	
CLL					14 06 18.0	-1.1
CLL					14 10 05.0	
CLL					14 11 16.0	-8.4
CLL					14 12 36.0	
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CLL					14 32 30.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 55 42.0	+0.7
CLL					13 55 50.3	
CLL					13 56 00.9	
CLL					13 56 04.6	-0.8
CLL					13 59 41.0	+0.2
CLL					14 03 07.0	
CLL					14 06 18.0	-1.1
CLL					14 10 05.0	
CLL					14 11 16.0	-8.4
CLL					14 12 36.0	
CLL					14 14 26.0	
CLL					14 19 16.0	-5.1
CLL					14 25 12.0	
CLL					14 26 23.0	
CLL					14 29 24.0	
CLL					14 32 30.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 55 42.0	+0.7
CLL					13 55 50.3	
CLL					13 56 00.9	
CLL					13 56 04.6	-0.8
CLL					13 59 41.0	+0.2
CLL					14 03 07.0	
CLL					14 06 18.0	-1.1
CLL					14 10 05.0	
CLL					14 11 16.0	-8.4
CLL					14 12 36.0	
CLL					14 14 26.0	
CLL					14 19 16.0	-5.1
CLL					14 25 12.0	
CLL					14 26 23.0	
CLL					14 29 24.0	
CLL					14 32 30.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 55 42.0	+0.7
CLL					13 55 50.3	
CLL					13 56 00.9	
CLL					13 56 04.6	-0.8
CLL					13 59 41.0	+0.2
CLL					14 03 07.0	
CLL					14 06 18.0	-1.1
CLL					14 10 05.0	
CLL					14 11 16.0	-8.4
CLL					14 12 36.0	
CLL					14 14 26.0	
CLL					14 19 16.0	-5.1
CLL					14 25 12.0	
CLL					14 26 23.0	
CLL					14 29 24.0	
CLL					14 32 30.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 55 42.0	+0.7
CLL					13 55 50.3	
CLL					13 56 00.9	
CLL					13 56 04.6	-0.8
CLL					13 59 41.0	+0.2
CLL					14 03 07.0	
CLL					14 06 18.0	-1.1
CLL					14 10 05.0	
CLL					14 11 16.0	-8.4
CLL					14 12 36.0	
CLL					14 14 26.0	
CLL					14 19 16.0	-5.1
CLL					14 25 12.0	
CLL					14 26 23.0	
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CLL					14 32 30.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 55 42.0	+0.7
CLL					13 55 50.3	
CLL					13 56 00.9	
CLL					13 56 04.6	-0.8
CLL					13 59 41.0	+0.2
CLL					14 03 07.0	
CLL					14 06 18.0	-1.1
CLL					14 10 05.0	
CLL					14 11 16.0	-8.4
CLL					14 12 36.0	
CLL					14 14 26.0	
CLL					14 19 16.0	-5.1
CLL					14 25 12.0	
CLL					14 26 23.0	
CLL					14 29 24.0	
CLL					14 32 30.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 11 00.0	
CLL					15 55 42.0	+0.7
CLL					13 55 50.3	
CLL					13 56 00.9	
CLL					13 56 04.6	-0.8
CLL					13 59 41.0	+0.2
CLL					14 03 07.0	
CLL					14 06 18.0	-1.1
CLL					14 10 05.0	
CLL					14 11 16.0	-8.4
CLL					14 12 36.0	
CLL					14 14 26.0	
CLL					14 19 16.0	-5.1
CLL					14 25 12.0	
CLL					14 26 23.0	
CLL					14 29 24.0	
CLL					14 32 30.0	
CLL					15 11 00.0	

ESL	Shilin	0.67 223	i P	Pb	13 39 16.2	-0.4
ESL	Shuangqi	0.67 352	P	Pb	13 39 16.8	+0.1
TIPB	Tachien	0.69 266	i P	Pb	13 39 17.0	-0.1
TWT	Tachien	0.69 266	i P	Pb	13 39 17.0	-0.1
TWT	Tachien	0.69 266	i P	Pb	13 39 17.0	-0.1
TEGC	Jichi Village	0.69 211	e P	Pg	13 39 17.6	+0.4
TEGC	Jichi Village	0.69 211	e P	Pg	13 39 17.6	+0.4
TEGC	Jichi Village	0.69 211	e P	Pg	13 39 17.6	+0.4
TDCB	Techi	0.71 266	P	Pb	13 39 17.3	-0.2
TDCB	Techi	0.71 266	P	Pb	13 39 17.3	-0.2
CHGB	Renai	0.74 251	P	Pb	13 39 17.8	-0.2
CHGB	Renai	0.74 251	P	Pb	13 39 17.8	-0.2
CHGB	Renai	0.74 251	P	Pb	13 39 17.8	-0.2
CHGB	Renai	0.74 251	P	Pb	13 39 17.8	-0.2
TWA	Mucha	0.74 335	P	Pn	13 39 18.9	-0.2
TWA	Mucha	0.74 335	P	Pn	13 39 18.9	-0.2
TWA	Mucha	0.74 335	P	Pn	13 39 18.9	-0.2
TWA	Mucha	0.74 335	P	Pn	13 39 18.9	-0.2
NHHD	Xindian Distri	0.75 330	P	Sb	13 39 18.4	+0.4
NHHD	Xindian Distri	0.75 330	P	Sb	13 39 18.4	+0.4
NHHD	Xindian Distri	0.75 330	P	Sb	13 39 18.4	+0.4
NHHD	Xindian Distri	0.75 330	P	Sb	13 39 18.4	+0.4
NWF	Wu-fen Shan	0.78 350	P	Pg	13 39 19.0	+0.2
NWF	Wu-fen Shan	0.78 350	P	Pg	13 39 19.0	+0.2
NWF	Wu-fen Shan	0.78 350	P	Pg	13 39 19.0	+0.2
NWF	Wu-fen Shan	0.78 350	P	Pg	13 39 19.0	+0.2
WFSB	Wu-fen Shan	0.78 350	P	Pg	13 39 18.9	+0.1
WFSB	Wu-fen Shan	0.78 350	P	Pg	13 39 18.9	+0.1
WFSB	Wu-fen Shan	0.78 350	P	Pg	13 39 18.9	+0.1
WFSB	Wu-fen Shan	0.78 350	P	Pg	13 39 18.9	+0.1
OWD	Renai	0.78 243	i P	Pb	13 39 18.5	-0.1
OWD	Renai	0.78 243	i P	Pb	13 39 18.5	-0.1
OWD	Renai	0.78 243	i P	Pb	13 39 18.5	-0.1
OWD	Renai	0.78 243	i P	Pb	13 39 18.5	-0.1
TATO	Taipei	0.78 329	P	Pg	13 39 19.4	+0.5
TATO	Taipei	0.78 329	P	Pg	13 39 19.4	+0.5
TATO	Taipei	0.78 329	P	Pg	13 39 19.4	+0.5
TATO	Taipei	0.78 329	P	Pg	13 39 19.4	+0.5
EGFH	Guangfu	0.79 216	i P	Pb	13 39 18.8	+0.1
EGFH	Guangfu	0.79 216	i P	Pb	13 39 18.8	+0.1
EGFH	Guangfu	0.79 216	i P	Pb	13 39 18.8	+0.1
EGFH	Guangfu	0.79 216	i P	Pb	13 39 18.8	+0.1
TNOU	National Taiwa	0.85 350	P	Pb	13 39 19.6	-0.2
TNOU	National Taiwa	0.85 350	P	Pb	13 39 19.6	-0.2
TNOU	National Taiwa	0.85 350	P	Pb	13 39 19.6	-0.2
TNOU	National Taiwa	0.85 350	P	Pb	13 39 19.6	-0.2
YM01	YM01	0.90 338	P	Pn	13 39 21.5	+0.2
YM01	YM01	0.90 338	P	Pn	13 39 21.5	+0.2
YM01	YM01	0.90 338	P	Pn	13 39 21.5	+0.2
YM01	YM01	0.90 338	P	Pn	13 39 21.5	+0.2
NTY	Taoyuan	0.90 320	P	Pn	13 39 21.3	0.0
NTY	Taoyuan	0.90 320	P	Pn	13 39 21.3	0.0
NTY	Taoyuan	0.90 320	P	Pn	13 39 21.3	0.0
NTY	Taoyuan	0.90 320	P	Pn	13 39 21.3	0.0
LI0B	Emei	0.90 292	P	Sb	13 39 21.3	0.0
LI0B	Emei	0.90 292	P	Sb	13 39 21.3	0.0
LI0B	Emei	0.90 292	P	Sb	13 39 21.3	0.0
LI0B	Emei	0.90 292	P	Sb	13 39 21.3	0.0
WHP	Taichung City	0.90 268	P	Pb	13 39 21.0	+0.3
WHP	Taichung City	0.90 268	P	Pb	13 39 21.0	+0.3
WHP	Taichung City	0.90 268	P	Pb	13 39 21.0	+0.3
WHP	Taichung City	0.90 268	P	Pb	13 39 21.0	+0.3
NSST	Nanjuang	0.91 291	P	Sb	13 39 21.1	+0.3
NSST	Nanjuang	0.91 291	P	Sb	13 39 21.1	+0.3
NSST	Nanjuang	0.91 291	P	Sb	13 39 21.1	+0.3
NSST	Nanjuang	0.91 291	P	Sb	13 39 21.1	+0.3
JYNG	Yongunijimaku	0.93 81	P	Pb	13 39 21.4	+0.3
JYNG	Yongunijimaku	0.93 81	P	Pb	13 39 21.4	+0.3
JYNG	Yongunijimaku	0.93 81	P	Pb	13 39 21.4	+0.3
JYNG	Yongunijimaku	0.93 81	P	Pb	13 39 21.4	+0.3
YM08	YM08	0.93 340	e P	Pb	13 39 18.4	-2.8
YM08	YM08	0.93 340	e P	Pb	13 39 18.4	-2.8
YM08	YM08	0.93 340	e P	Pb	13 39 18.4	-2.8
YM08	YM08	0.93 340	e P	Pb	13 39 18.4	-2.8
HGSD	Ruisui	0.94 210	P	Sb	13 39 21.5	+0.3
HGSD	Ruisui	0.94 210	P	Sb	13 39 21.5	+0.3
HGSD	Ruisui	0.94 210	P	Sb	13 39 21.5	+0.3
HGSD	Ruisui	0.94 210	P	Sb	13 39 21.5	+0.3
WPL	Puli Township	0.94 252	P	Pb	13 39 20.7	-0.6
WPL	Puli Township	0.94 252	P	Pb	13 39 20.7	-0.6
WPL	Puli Township	0.94 252	P	Pb	13 39 20.7	-0.6
WPL	Puli Township	0.94 252	P	Pb	13 39 20.7	-0.6
NCUH	Zhongli	0.95 314	e P	Sb	13 39 20.1	-1.3
NCUH	Zhongli	0.95 314	e P	Sb	13 39 20.1	-1.3
NCUH	Zhongli	0.95 314	e P	Sb	13 39 20.1	-1.3
NCUH	Zhongli	0.95 314	e P	Sb	13 39 20.1	-1.3
ANP	Anpu	0.95 337	P	Pn	13 39 22.1	0.0
ANP	Anpu	0.95 337	P	Pn	13 39 22.1	0.0
ANP	Anpu	0.95 337	P	Pn	13 39 22.1	0.0
ANP	Anpu	0.95 337	P	Pn	13 39 22.1	0.0
DPDB	Guoxing	0.96 254	P	Pb	13 39 21.2	-0.5
DPDB	Guoxing	0.96 254	P	Pb	13 39 21.2	-0.5
DPDB	Guoxing	0.96 254	P	Pb	13 39 21.2	-0.5
DPDB	Guoxing	0.96 254	P	Pb	13 39 21.2	-0.5
WCS	Beigang Elemen	0.97 255	P	Pb	13 39 21.3	-0.4
WCS	Beigang Elemen	0.97 255	P	Pb	13 39 21.3	-0.4
WCS	Beigang Elemen	0.97 255	P	Pb	13 39 21.3	-0.4
WCS	Beigang Elemen	0.97 255	P	Pb	13 39 21.3	-0.4
EHY	Hungye	0.97 215	e P	Pb	13 39 20.0	-1.9
EHY	Hungye	0.97 215	e P	Pb	13 39 20.0	-1.9
EHY	Hungye	0.97 215	e P	Pb	13 39 20.0	-1.9
EHY	Hungye	0.97 215	e P	Pb	13 39 20.0	-1.9
SBCB	Hsinchu	0.99 299	P	Pb	13 39 21.6	-0.5
SBCB	Hsinchu	0.99 299	P	Pb	13 39 21.6	-0.5
SBCB	Hsinchu	0.99 299	P	Pb	13 39 21.6	-0.5
SBCB	Hsinchu	0.99 299	P	Pb	13 39 21.6	-0.5
YOJ	Yongunijima	0.99 81	P	Pb	13 39 22.3	+0.1
YOJ	Yongunijima	0.99 81	P	Pb	13 39 22.3	+0.1
YOJ	Yongunijima	0.99 81	P	Pb	13 39 22.3	+0.1
YOJ	Yongunijima	0.99 81	P	Pb	13 39 22.3	+0.1
YOJ	Yongunijima	0.99 81	P	Pb	13 39 22.3	+0.1
HSN	Hsinchu	1.01 300	e P	Pb	13 39 21.1	-1.4
HSN	Hsinchu	1.01 300	e P	Pb	13 39 21.1	-1.4
HSN	Hsinchu	1.01 300	e P	Pb	13 39 21.1	-1.4
HSN	Hsinchu	1.01 300	e P	Pb	13 39 21.1	-1.4
TWY	Chenhua	1.01 343	P	Sb	13 39 22.2	-0.3
TWY	Chenhua	1.01 343	P	Sb	13 39 22.2	-0.3
TWY	Chenhua	1.01 343	P	Sb	13 39 22.2	-0.3
TWY	Chenhua	1.01 343	P	Sb	13 39 22.2	-0.3
SSLB	Suanglung	1.03 240	P	Pb	13 39 22.3	-0.6
SSLB	Suanglung	1.03 240	P	Pb	13 39 22.3	-0.6
SSLB	Suanglung	1.03 240	P	Pb	13 39 22.3	-0.6
SSLB	Suanglung	1.03 240	P	Pb	13 39 22.3	-0.6
SMLT	Sun Moon Lake	1.03 246	P	Pb	13 39 22.8	-0.1
SMLT	Sun Moon Lake	1.03 246	P	Pb	13 39 22.8	-0.1
SMLT	Sun Moon Lake	1.03 246	P	Pb	13 39 22.8	-0.1
SMLT	Sun Moon Lake	1.03 246	P	Pb	13 39 22.8	-0.1
NJN	Zhunan	1.04 291	P	Pb	13 39 22.2	-0.8
NJN	Zhunan	1.04 291	P	Pb	13 39 22.2	-0.8
NJN	Zhunan	1.04 291	P	Pb	13 39 22.2	-0.8
NJN	Zhunan	1.04 291	P	Pb	13 39 22.2	-0.8
TWQ1	Liyutan	1.06 273	P	Pg	13 39 24.2	0.0
TWQ1	Liyutan	1.06 273	P	Pg	13 39 24.2	0.0
TWQ1	Liyutan	1.06 273	P	Pg	13 39 24.2	0.0
TWQ1	Liyutan	1.06 273	P	Pg	13 39 24.2	0.0
NSY	Sanyi	1.08 276	P	Pg	13 39 24.5	0.0
NSY	Sanyi	1.08 276	P	Pg	13 39 24.5	0.0
NSY	Sanyi	1.08 276	P	Pg	13 39 24.5	0.0
NSY	Sanyi	1.08 276	P	Pg	13 39 24.5	0.0
ECBN	Changbin	1.08 204	P	Pn	13 39 23.2	-0.5
ECBN	Changbin	1.08 204	P	Pn	13 39 23.2	-0.5
ECBN	Changbin	1.08 204	P	Pn	13 39 23.2	-0.5
ECBN	Changbin	1.08 204	P	Pn	13 39 23.2	-0.5
YULB	Yu-li	1.08 213	e P	Pb	13 39 21.6	-2.1
YULB	Yu-li	1.08 213	e P	Pb	13 39 21.6	-2.1
YULB	Yu-li	1.08 213	e P	Pb	13 39 21.6	-2.1
YULB	Yu-li	1.08 213	e P	Pb	13 39 21.6	-2.1
YULB	Yu-li	1.08 213	e P	Pb	13 39 21.6	-2.1
EYUL	Yuli	1.11 211	P	Pg	13 39 25.2	+0.1
EYUL	Yuli	1.11 211	P	Pg	13 39 25.2	+0.1
EYUL	Yuli	1.11 211	P	Pg	13 39 25.2	+0.1
EYUL	Yuli	1.11 211	P	Pg	13 39 25.2	+0.1
EYUL	Yuli	1.11 211	P	Pg	13 39 25.2	+0.1
TWF1	Yuli	1.11 212	e P	Pb	13 39 22.4	-1.9
TWF1	Yuli	1.11 212	e P	Pb	13 39 22.4	-1.9
TWF1	Yuli	1.11 212	e P	Pb	13 39 22.4	-1.9
TWF1	Yuli	1.11 212	e P	Pb	13 39 22.4	-1.9
TWF1	Yuli	1.11 212	e P	Pb	13 39 22.4	-1.9
WWF	Wufeng	1.16 257	e P	Pg	13 39 26.2	+0.2
WWF	Wufeng	1.16 257	e P	Pg	13 39 26.2	+0.2
WWF	Wufeng	1.16 257	e P	Pg	13 39 26.2	+0.2
WWF	Wufeng	1.16 257	e P	Pg	13 39 26.2	+0.2
WHYT	Xinyi Township	1.16 239	P	Pn	13 39 24.9	+0.1
WHYT	Xinyi Township	1.16 239	P	Pn	13 39 24.9	+0.1
WHYT	Xinyi Township	1.16 239	P	Pn	13 39 24.9	+0.1
WHYT	Xinyi Township	1.16 239	P	Pn	13 39 24.9	+0.1

WJS	Zhushan	1.20 247	P	Pb	13 39 26.1	+0.4
WJS	Zhushan	1.20 247	P	Pb	13 39 26.1	+0.4
WJS	Zhushan	1.20 247	P	Pb	13 39 26.1	+0.4
WJS	Zhushan	1.20 247	P	Pb	13 39 26.1	+0.4
WNT	Mingjian	1.22 250	P	Pb	13 39 26.4	+0.3
WNT	Mingjian	1.22 250	P	Pb	13 39 26.4	+0.3
WNT	Mingjian	1.22 250	P	Pb	13 39 26.4	+0.3
WNT	Mingjian	1.22 250	P	Pb	13 39 26.4	+0.3
FULB	Fuli	1.25 208	P	Pn	13 39 26.2	+0.2
FULB	Fuli	1.25 208	P	Pn	13 39 26.2	+0.2
FULB	Fuli	1.25 208	P	Pn	13 39 26.2	+0.2
FULB	Fuli	1.25 208	P	Pn	13 39 26.2	+0.2
ALS	Alshan	1.30 233	i P	Pb	13 39 27.7	0.0
ALS	Alshan	1.30 233	i P	Pb	13 39 27.7	0.0
ALS	Alshan	1.30 233	i P	Pb	13 39 27.7	0.0
ALS	Alshan	1.30 233	i P	Pb	13 39 27.7	0.0
CHNS	Tsauling					

GTA	comp=Z,100nm,15.6s	LR	LR						
GTA	comp=Z,150nm,16.7s	LR	LR						
GTA	comp=Z,140nm,18.9s	LR	LR						
JIRN	Jiri	54.19 312	eP	P	16 02 19.2	+0.5			
PKI	Pulchoki	54.72 311	eP	P	16 02 22.6	+0.1			
PKIN	Pulchoki	54.73 311	eP	P	16 02 22.6	0.0			
KKN	Kakani	54.94 311	eP	P	16 02 24.2	+0.3			
YSS	Yuzh-Sakhalins	55.28 11	eP	P	16 02 26.6	+0.8			
YSS			e		16 03 25.0				
YSS			e		16 03 58.0				
YSS	comp=Z,10.0nm,0.7s		pmx	pmx					
YSS	Yuzh-Sakhalins	55.28 11	P	P	16 02 26.5	+0.8			
GKN	Gorkha	55.53 311	eP	P	16 02 28.6	+0.5			
HYB	Hyderabad	55.76 297	iP	P	16 02 28.0	-1.8			
KOLN	Koldanda	56.19 310	eP	P	16 02 33.5	+0.6			
KLR	Kul'dur	56.28 2	P	P	16 02 32.9	+0.1			
DANN	Dangsing	56.37 311	eP	P	16 02 34.5	+0.2			
RYUN	Ryuthan	56.82 310	eP	P	16 02 37.9	+0.6			
GRNR	Gornyy	58.11 511	iP	P	16 02 46.3	+0.6			
GRNR	comp=Z,9.0nm,0.8s		pmx	pmx					
GRNR	comp=E,50nm,11.0s		MLR	MLR					
GRNR	comp=N,50nm,15.0s		MLR	MLR					
GRNR	comp=Z,100nm,15.0s		MLR	MLR					
ULN	Ulaanbaatar	58.27 343	P	P	16 02 46.1	-0.9			
ULN	comp=Z,11nm,0.8s		pmx	pmx					
ULN	Ulaanbaatar	58.27 343	P	P	16 02 46.1	-0.9			
SOMN	Songino Array	58.44 342	P	P	16 02 49.1	+0.9			
SOMN	comp=Z,5.8nm,0.8s,baz=153,slow=6.9,SNR=11		ScP	ScP					
SOMN	comp=Z,2.1nm,0.6s,baz=158,slow=2.7,SNR=4.7		ScP	ScP					
SOMN	Songino Array	58.44 342	P	P	16 02 47.1	-1.1			
TYV	Tymovskoe	59.03 10	eP	P	16 02 53.3	+1.3			
TYV	comp=Z,8.0nm,1.0s		pmx	pmx					
TYV	comp=Z,200nm,4.9s		pmx	pmx					
CASY	Casey	60.35 189	P	P	16 03 02.3	+1.5			
CASY	comp=Z,28nm,0.8s		IAMB	IAMB	16 03 03.1				
ZEa	Zeya	60.78 359	eP	P	16 03 05.4	+1.5			
ZEa	comp=N,10.0nm,1.2s		pmx	pmx					
ZEa	comp=Z,20nm,1.0s		pmx	pmx					
NDI	New Delhi	61.55 308	eP	P	16 03 09.0	-0.6			
ZAK	Zakamensk	61.66 341	eP	P	16 03 09.3	-0.7			
ZAK	comp=Z,7.0nm,1.9s		pmx	pmx					
IRK	Irkutsk	62.99 343	eP	P	16 03 18.2	-0.5			
IRK	comp=Z,30nm,2.0s		pmx	pmx					
WMQ	Urumqi	63.20 327	eP	P	16 03 21.1	+0.8			
WMQ	comp=Z,27nm,0.9s		pmx	pmx	16 03 53.9	-1.7			
WMQ	comp=Z,80nm,5.1s		pmx	pmx					
WMQ	comp=Z,320nm,19.5s		LR	LR					
WMQ	comp=Z,340nm,23.7s		LR	LR					
MOY	Monday	63.50 341	eP	P	16 03 23.5	+1.3			
MOY	comp=Z,45nm,1.5s		pmx	pmx					
PEAOB	Petrovskoye	64.79 191	eP	P	16 03 31.9	+1.4			
PEAOB	Petrovskoye	64.79 191	eP	P	16 03 31.5	+1.0			
PEAOB	comp=Z,24nm,0.9s		IAMB	IAMB					
PETK	Petrovskoye	64.79 191	P	P	16 03 31.1	+0.6			
PETK	comp=Z,5.4nm,0.7s,baz=206,slow=13,SNR=9.0		LR	LR	16 26 50.1				
PETK	comp=Z,41nm,21.7s,baz=192,slow=31		LR	LR					
PETK	Petrovskoye	64.79 191	P	P	16 03 31.0	+0.5			
BOD	Bodaibo	66.02 351	iP	P	16 03 32.7	+0.7			
BOD	comp=Z,41nm,1.3s		pmx	pmx	16 03 38.5	+0.2			
NIL	Nilore	66.82 311	P	P	16 03 43.9	0.0			
NIL	comp=Z,37nm,0.6s		pmx	pmx					
NIL	Nilore	66.82 311	P	P	16 03 43.9	0.0			
NIL	comp=Z,37nm,0.6s		IAMB	IAMB	16 03 45.9				
ZSN	Zaisan	67.10 329	eP	P	16 03 44.6	-0.7			
ZSN	Zaisan	67.10 329	eP	P	16 03 44.6	-0.7			
DGZ	Jazzator, Alta	67.37 332	iP	P	16 03 48.0	+0.8			
DGZ	comp=Z,13nm,0.7s		pmx	pmx					
SHLS	Shalkode	67.46 323	eP	P	16 03 45.8	-2.1			
SHLS	Shalkode	67.46 323	eP	P	16 03 45.8	-2.1			
KSH	Kashi	67.70 318	P	P	16 03 50.6	+1.1			
KSH	comp=Z,28nm,0.8s		pmx	pmx	16 12 35.0	+0.1			
KSH	comp=Z,28nm,0.8s		pmx	pmx					
UZB	Uzynbulak	67.72 323	eP	P	16 03 48.6	-1.0			
UZB	Uzynbulak	67.72 323	eP	P	16 03 48.5	-1.0			
MK31	Makanchi Array	68.03 327	P	P	16 03 51.3	+0.1			
MK31	comp=Z,23nm,1.1s		pmx	pmx					
MK31	Makanchi Array	68.03 327	P	P	16 03 51.3	+0.1			
MK31	comp=Z,23nm,1.1s		IAMB	IAMB	16 04 13.2				
MKAR	Makanchi Array	68.03 327	P	P	16 03 51.9	+0.7			
MKAR	comp=Z,12nm,0.7s,baz=124,slow=8.0,SNR=9.2		S	S	16 12 36.2	-2.0			
MKAR	Makanchi Array	68.03 327	P	P	16 03 51.8	+0.6			
SATY	Saty	68.04 322	eP	P	16 03 51.1	-0.4			
SATY	Saty	68.04 322	eP	P	16 03 51.1	-0.4			
KPKS	Kokpek	68.10 323	eP	P	16 03 50.8	-1.0			
KPKS	Kokpek	68.10 323	eP	P	16 03 50.8	-1.0			
MAKZ	Makanchi	68.20 327	P	P	16 03 52.4	+0.1			
MAKZ	comp=Z,30nm,1.3s		pmx	pmx					
MAKZ	Makanchi	68.20 327	P	P	16 03 52.4	+0.1			
MAKZ	comp=Z,30nm,1.2s		IAMB	IAMB	16 04 13.6				
KDJ	Kajisay	68.29 321	P	P	16 03 53.4	+0.3			
KDJ	comp=Z,13nm,0.7s		pmx	pmx					
KDJ	Kajisay	68.29 321	P	P	16 03 53.4	+0.3			
MA2	Magadan	68.79 12	P	P	16 03 56.2	+0.6			
MA2	comp=Z,8.6nm,0.8s,baz=163,slow=19,SNR=4.6		S	S					
MA2	Magadan	68.79 121	eP	P	16 03 57.8	+2.2			
MA2	comp=Z,12nm,1.0s		pmx	pmx					
MDOK	Medeo	68.93 322	eP	P	16 03 56.1	-1.0			
MDOK	Medeo	68.93 322	eP	P	16 03 56.1	-1.0			
YAK	Yakutsk	69.07 0	P	P	16 03 57.9	+0.6			
YAK	comp=Z,38nm,0.7s,baz=171,slow=1.1,SNR=30		S	S	16 12 48.1	-1.8			
YAK	Yakutsk	69.07 0	eP	P	16 03 57.6	+0.3			
YAK	comp=Z,4.1nm,0.4s,baz=270,slow=24,SNR=14		S	S	16 04 18.8				
YAK	Yakutsk	69.07 0	eP	P	16 04 18.8				
YAK	comp=Z,38nm,0.7s,baz=171,slow=1.1,SNR=30		S	S	16 04 34.2	+0.9			
YAK	Yakutsk	69.07 0	eP	P	16 12 48.3	-1.6			
YAK	comp=Z,4.1nm,0.4s,baz=270,slow=24,SNR=14		S	S	16 13 39.9				
YAK	Yakutsk	69.07 0	eP	P	16 17 24.5	+5.3			

YAK	comp=N,16nm,1.4s		smx	smx					
YAK	comp=N,16nm,1.9s		smx	smx					
YAK	Yakutsk	69.07 0	P	P	16 03 57.0	-0.3			
BOOM	Boomskeye usch	69.26 321	P	P	16 03 59.8	+0.6			
BOOM	comp=Z,22nm,1.0s		pmx	pmx					
BOOM	Boomskeye usch	69.26 321	P	P	16 03 59.8	+0.6			
BOOM	comp=Z,22nm,1.0s		IAMB	IAMB	16 04 03.1				
CHKK	Chushkaly	69.34 322	eP	P	16 03 58.6	-0.9			
KZA	Kyzart	69.48 320	P	P	16 04 02.4	+1.6			
TKM2	Tokmak 2	69.70 321	P	P	16 04 02.8	+0.9			
TKM2	SNR=21								
KUU	Kuryt	69.76 322	eP	P	16 04 00.7	-1.3			
KUU	Uchtor	69.76 322	eP	P	16 04 00.7	-1.3			
UCH	Uchtor	70.03 320	P	P	16 04 05.7	+1.5			
UCH	SNR=20								
AAK	Ala-Archa	70.25 320	P	P	16 04 06.5	+1.3			
AAK	comp=Z,6.3nm,0.5s,baz=136,slow=4.9,SNR=2.1		S	S	16 13 04.2	-0.7			
AAK	Ala-Archa	70.25 320	P	P	16 04 06.7	+1.5			
AAK	SNR=7.5								
AAK	Ala-Archa	70.25 320	P	P	16 04 06.0	+0.8			
AAK	comp=Z,29nm,1.2s		IAMB	IAMB	16 04 08.8				
KBL	Kabul	70.35 310	P	P	16 04 06.0	0.0			
KBL	comp=Z,19nm,1.1s		pmx	pmx					
KBL	Kabul	70.35 310	P	P	16 04 06.0	0.0			
AML	Almayashu	70.51 319	P	P	16 04 08.8	+1.8			
USP	Ospenovka	70.57 321	P	P	16 04 08.0	+1.1			
SGDS	Sogindy	70.58 321	eP	P	16 04 05.7	-1.3			
EKS2	Erkin-Say	70.72 320	P	P	16 04 09.6	+1.6			
EKS2	SNR=19								
GAR	Garm	71.31 315	P	P	16 04 11.1	-0.6			
GAR	Batken	71.44 316	P	P	16 04 12.1	-0.3			
GAR	BTK		pmx	pmx					
BTK	Batken	71.44 316	P	P	16 04 12.1	-0.3			
BTK	comp=Z,26nm,1.2s		IAMB	IAMB	16 04 16.3				
ZAAO	Zalesovo Array	71.48 334	P	P	16 04 11.5	-0.6			
ZAAO	comp=Z,26nm,1.1s		IAMB	IAMB	16 04 13.7				
ZALV	Zalesovo Beam	71.48 334	P	P	16 04 11.8	-0.3			
ZALV	comp=Z,12nm,0.6s,baz=108,slow=4.8,SNR=44		S	S	16 13 15.8	-2.4			
ZALV	Zalesovo Beam	71.48 334	P	P	16 04 11.5	-0.6			
ZALV	comp=Z,0.6nm,0.3s,baz=168,slow=2.1,SNR=2.6		S	S	16 04 11.5	-0.6			
ZALV	Zalesovo Beam	71.48 334	P	P	16 04 11.5	-0.6			
ZALV	comp=Z,12nm,0.6s,baz=108,slow=4.8,SNR=44		S	S	16 04 12.2	-1.1			
BTL5	Baital	71.76 322	eP	P	16 04 12.8	-1.2			
BTL5	Baital	71.76 322	eP	P	16 04 12.8	-1.2			
CHGR	Chuyangaron	71.98 314	P	P	16 04 15.6	-0.1			
CHGR	comp=Z,88nm,1.0s		IAMB	IAMB	16 04 18.2				
VNDA	Vanda	72.29 173	P	P	16 04 18.1	+1.4			
VNDA	comp=Z,18nm,0.7s,baz=319,slow=6.7,SNR=126		S	S	16 13 21.2	-5.7			
VNDA	Vanda	72.29 173	P	P	16 04 18.1	+1.4			
VNDA	comp=Z,0.8nm,1.1s,baz=276,slow=8.2,SNR=2.2		LR	LR	16 35 49.7				
VNDA	Vanda	72.29 173	P	P	16 04 17.5	+0.9			
VNDA	comp=Z,124nm,20.0s,baz=330,slow=36		S	S	16 13 21.3	-5.7			

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like DUWZ, PAWZ, MSWZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SATY, KTBS, KUUB, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SAML, DBIC, KOWA, etc.

IDC 11 18:47:01.9-7.3, 39.77N;75.14E, h0km, mb3.7/1, mb1.3/4.3, mb1mx3.2/4.5, mbrtm3.3/3, ML2.6/2, MS3.1/3, Ms1.4/1.3, ms1mx2.8/5.0, Error ellipse: s-maj=129.7km s-min=35.4km az=150.0

Code Station Name Az AZZ Phase ID Time Res h m s ISC

PGC 11 18:48:01.1-0.3, 59.86N;140.04W, h0km, ML3.7/6, ML3.4, 70km northwest of Yakutat, AK Southeastern Alaska, Southeastern Alaska

SOME 11 18:47:05.0, 39.93N;75.32E, h15km NNC 11 18:47:06.8-4.0, 39.94N;75.42E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=40.0km s-min=17.2km az=163.0

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KRNET 11 18:47:06.2-0.1, 39.93N;75.44E, mb3.5

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

ISIC 11 18:47:07.1-5.1, 39.99N;0.05;75.36E, 0.03, h3km, n53, c187/85, MS4.0/3, 29C-14D, Southern Xinjiang

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

SFK Stufi-Kurgan baz=74 1.43 272 U/P Pn 18 47 34.1 -0.1

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

ARLS Aral baz=37 2.03 338 U/P Pn 18 47 44.2 -0.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

ARLS Aral baz=37 2.03 338 U/P Pn 18 47 44.2 -0.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

OHH Osh baz=87 2.04 286 U/P Pn 18 47 44.3 -0.7

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

OHH Osh baz=87 2.04 286 U/P Pn 18 47 44.3 -0.7

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KZA Kyzart baz=56 2.09 358 U/P Pn 18 47 45.0 -0.9

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KZA Kyzart baz=56 2.09 358 U/P Pn 18 47 45.0 -0.9

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

UCH Uchtor baz=43 2.33 344 P Pn 18 47 48.0 +1.2

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

UCH Uchtor SNR=119 2.33 344 P Pn 18 47 48.0 +1.2

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

ULHL Ulahol baz=14 2.35 161 U/P Pn 18 47 49.0 -1.3

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

ULHL Ulahol SNR=17 2.35 161 U/P Pn 18 47 49.0 -1.3

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

AML Almayashu baz=30 2.49 330 U/P Pn 18 47 50.8 +0.5

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

AML Almayashu SNR=17 2.49 330 U/P Pn 18 47 50.8 +0.5

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

BOOM Boomsokoye usch baz=8.0 2.54 10 U/P Pn 18 47 50.8 +1.7

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

BOOM Boomsokoye usch SNR=25 2.54 10 U/P Pn 18 47 50.8 +1.7

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KDJ Kajisay baz=31 2.54 32 U/P Pn 18 47 50.4 +0.9

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KDJ Kajisay SNR=31 2.54 32 U/P Pn 18 47 50.4 +0.9

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KBK Karagaybulak baz=52 2.69 353 U/P Pn 18 47 53.2 +1.8

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KBK Karagaybulak SNR=25 2.69 353 U/P Pn 18 47 53.2 +1.8

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KBK Karagaybulak SNR=25 2.69 353 U/P Pn 18 47 53.2 +1.8

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

AAK Ala-Archa baz=46 2.73 346 U/P Pn 18 47 53.8 +1.8

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

AAK Ala-Archa SNR=22 2.73 346 U/P Pn 18 47 53.8 +1.8

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

AAK Ala-Archa SNR=22 2.73 346 U/P Pn 18 47 53.8 +1.8

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

DRK Karamyk baz=62 2.79 261 U/P Pn 18 47 54.2 +1.2

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

DRK Karamyk SNR=22 2.79 261 U/P Pn 18 47 54.2 +1.2

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

DRK Karamyk SNR=22 2.79 261 U/P Pn 18 47 54.2 +1.2

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

FRU1 Bishkek baz=48 2.87 349 U/P Pn 18 47 55.9 +2.0

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

FRU1 Bishkek SNR=48 2.87 349 U/P Pn 18 47 55.9 +2.0

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

EKS2 Erkin-Say baz=36 2.93 336 U/P Pn 18 47 56.5 +1.8

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

EKS2 Erkin-Say SNR=36 2.93 336 U/P Pn 18 47 56.5 +1.8

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

EKS2 Erkin-Say SNR=36 2.93 336 U/P Pn 18 47 56.5 +1.8

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

TKM2 Tokmak 2 baz=2.0 2.94 3 U/P Pn 18 47 57.4 +2.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

TKM2 Tokmak 2 SNR=2 2.94 3 U/P Pn 18 47 57.4 +2.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

TKM2 Tokmak 2 SNR=2 2.94 3 U/P Pn 18 47 57.4 +2.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

CHMS Chumysh SNR=22 3.04 352 P Pn 18 47 58.9 +2.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

CHMS Chumysh SNR=22 3.04 352 P Pn 18 47 58.9 +2.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KST KasteK 3.09 8 eP Pn 18 48 03.9 +1.2

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KST KasteK SNR=10, 0.7s 3.09 8 eP Pn 18 48 03.9 +1.2

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

MRKS Merke 27nm, 0.7s 1.9 330 eS Pn 18 48 07.0 +2.5

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

MRKS Merke SNR=27, 0.7s 1.9 330 eS Pn 18 48 07.0 +2.5

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

MRKS Merke 37nm, 0.4s 3.27 5 eP Pn 18 48 07.4 +1.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

MRKS Merke SNR=37, 0.4s 3.27 5 eP Pn 18 48 07.4 +1.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

DGS Degeres 56nm, 0.6s 3.29 31 U/P Pn 18 48 01.0 +1.3

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

DGS Degeres SNR=56, 0.6s 3.29 31 U/P Pn 18 48 01.0 +1.3

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

ANVS Anan'yev 3.29 31 U/P Pn 18 48 01.2 +1.7

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

ANVS Anan'yev SNR=30 3.29 31 U/P Pn 18 48 01.2 +1.7

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

USP Ospenovka baz=48 3.34 349 U/P Pn 18 48 02.1 +1.8

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

USP Ospenovka SNR=48 3.34 349 U/P Pn 18 48 02.1 +1.8

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

USP Ospenovka SNR=48 3.34 349 U/P Pn 18 48 02.1 +1.8

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

MDOK Medeo 4.9nm, 0.4s 3.42 21 eP Pn 18 48 09.6 +1.2

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

MDOK Medeo SNR=4.9, 0.4s 3.42 21 eP Pn 18 48 09.6 +1.2

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

MDOK Medeo 67nm, 0.6s 3.42 21 U/P Pn 18 48 03.2 +1.7

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

MDOK Medeo SNR=67, 0.6s 3.42 21 U/P Pn 18 48 03.2 +1.7

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

MDOK Medeo 80nm, 1.0s 3.49 27 U/P Pn 18 48 04.4 +2.0

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

MDOK Medeo SNR=80, 1.0s 3.49 27 U/P Pn 18 48 04.4 +2.0

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

BTK Batken baz=73 3.50 21 eP Pn 18 48 11.7 +1.9

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

BTK Batken SNR=73 3.50 21 eP Pn 18 48 11.7 +1.9

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KOTS Kotyrbulak 9.1nm, 0.6s 3.50 21 eP Pn 18 48 11.7 +1.9

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KOTS Kotyrbulak SNR=9.1, 0.6s 3.50 21 eP Pn 18 48 11.7 +1.9

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KOTS Kotyrbulak 274nm, 0.6s 3.56 297 U/P Pn 18 48 05.0 +1.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KOTS Kotyrbulak SNR=274, 0.6s 3.56 297 U/P Pn 18 48 05.0 +1.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

TRKS Terek-Say baz=97 3.71 3 eP Pn 18 48 07.0 +0.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

TRKS Terek-Say SNR=97 3.71 3 eP Pn 18 48 07.0 +0.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

TRKS Terek-Say SNR=97 3.71 3 eP Pn 18 48 07.0 +0.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

KRB5 Karabastau 11nm, 0.5s 3.83 36 eP Pn 18 48 15.8 +0.4

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

11d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like KLU, FID, JIS, L26K, etc.

NEIC 11 18:48:28.4z2.1, 60.07N, 139.95W:0.06, h1km, 2km, Error ellipse: s-maj=8.3km s-min=4.9km az=356.0

IDC 11 18:48:32.4z2.1, 60.03N, 139.61W, h30km, 16km, mb3.7/3, mb1 3.6/7, mb1mx3.3/48, mbtmp3.6/7, ML3.0/4, MS4.0/39, Ms1 4.0/39, ms1mx3.9/52, Error ellipse: s-maj=26.5km s-min=10.8km az=35.0

ANF 11 18:48:33.7z0.5, 60.31N, 140.62W, h91km, 2km, ML3.8/15, Error ellipse: s-maj=4.1km s-min=2.3km az=18.0

ISC 11 18:48:30.0z0.7, 60.009N, 139.83W, 0.04, h15.0km, km, n77, c218/41, mb4.16, MS4.0/35, Southeastern Alaska

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

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

NDI 11 19:12:58.6z2.7, 31.32N, 94.77E, h10km, ML4.5, mb4.9(NEIC)

IDC 11 19:13:08.5z0.5, 30.32N, 94.87E, h0km, mb4.5/37, mb1 4.6/40, mb1mx1.4/74, mbtmp4.5/40, ML3.7/3, Error ellipse: s-maj=16.1km s-min=10.4km az=41.0

BUI 11 19:13:09.4z0.0, 30.35N, 94.87E, h8km, mb4.7/26, mb4.5/45, ML4.1/7, Ms3.9/31, Ms7.3/628

MOS 11 19:13:11.1z1.1, 30.34N, 94.86E, h31km, mb5.1/27, Error ellipse: s-maj=7.4km s-min=3.4km az=124.6

NEIC 11 19:13:13.4z1.7, 30.34N, 94.87E:0.08, h35km, 1km, mb4.9/10, Error ellipse: s-maj=12.6km s-min=3.2km az=282.0

BGR 11 19:13:15.8z0.0, 30.74N, 94.70E, h33km, mb4.9

ISC 11 19:13:12.2z0.3, 30.39N, 94.85E:0.04, h23km, n454, c1929/464, mb4.8/158, MS3.7/4, 25C-28D, Xizang

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like CD2, RAMM, JIRN, etc.

SATY	S	19 20 49.5	-1.7
SATY	S	19 17 23.5	-0.1
SATY	P	19 20 49.5	-1.7
KPKS	S	19 17 23.4	-1.4
KPKS	S	19 20 50.9	+2.0
KPKS	S	19 17 23.4	-1.4
KDJ	S	19 20 50.8	+2.0
KDJ	P	19 17 25.4	-0.4
comp-Z,49nm,1.2s			
KDJ	P	19 17 25.4	-0.4
NIL	P	19 17 24.9	-2.9
NIL	P	19 17 24.9	-2.9
comp-Z,52nm,1.1s			
NIL	P	19 17 24.9	-2.9
ZSN	P	19 17 28.3	-0.5
ZSN	P	19 17 28.2	-0.5
PBA	P	19 17 27.2	-2.3
UHLL	P	19 17 34.6	+0.8
SNR=9.1			
MK31	P	19 17 31.0	-1.7
MK31	P	19 17 31.0	-1.7
MK31	P	19 17 31.0	-1.7
MKAR	P	19 17 31.6	-1.1
MKAR	P	19 17 31.6	-1.1
comp-Z,0.1nm,0.3s,baz=209,slow=1.3,SNR=4.6			
MKAR	P	19 17 31.2	-1.5
MDOK	P	19 17 34.0	0.0
MDOK	P	19 17 34.0	0.0
AAA	P	19 17 35.3	+0.1
AAA	P	19 21 10.6	+0.5
AAA	P	19 17 35.3	+0.1
AAA	P	19 21 10.6	+0.5
MAKZ	P	19 17 33.0	-1.2
MAKZ	P	19 17 33.0	-1.2
comp-Z,37nm,1.2s			
MAKZ	P	19 17 33.0	-1.2
ARX5	P	19 17 35.8	-0.6
BOOM	P	19 17 35.7	-0.7
BOOM	P	19 17 35.7	-0.7
comp-Z,54nm,1.2s			
BOOM	P	19 17 35.7	-0.7
BOOM	P	19 17 35.7	-0.7
comp-Z,54nm,1.2s			
TDK	P	19 17 37.3	-0.2
TDK	P	19 17 37.3	-0.2
CHHK	P	19 17 37.4	-0.5
SONMI	P	19 17 37.1	-0.5
comp-Z,0.3nm,0.3s,baz=214,slow=10,SNR=38			
SONMI	P	19 17 37.7	-0.5
KZA	P	19 17 41.0	+0.5
SNR=21			
HYB	P	19 17 39.0	-0.8
ULN	P	19 17 38.4	-2.7
ULN	P	19 17 38.4	-2.7
comp-Z,19nm,1.2s			
ULN	P	19 17 38.4	-2.7
TKM2	P	19 17 43.1	+0.2
TKM2	P	19 17 43.1	+0.2
SNR=14			
BJT	P	19 17 40.4	-1.1
BJT	P	19 17 40.4	-1.1
comp-Z,15nm,1.2s			
BJT	P	19 17 40.4	-1.1
BJT	P	19 17 43.4	+0.1
BJI	P	19 17 43.4	+0.1
BJI	P	19 17 43.4	+0.1
comp-Z,12nm,0.9s			
BJI	P	19 17 43.4	+0.1
BJI	P	19 17 43.4	+0.1
comp-Z,190nm,10.1s			
BJI	P	19 17 43.4	+0.1
BJI	P	19 17 43.4	+0.1
comp-Z,240nm,11.6s			
BJI	P	19 17 43.4	+0.1
comp-Z,320nm,9.7s			
KUU	P	19 17 41.6	-0.7
KUU	P	19 17 41.6	-0.7
KBK	P	19 17 45.9	-0.2
comp-Z,20.9,346f,SNR=21			
DGZ	P	19 17 45.7	-0.3
UCH	P	19 17 46.0	+0.8
SNR=31			
AAK	P	19 17 48.9	-0.4
AAK	P	19 17 48.9	-0.4
comp-Z,60nm,1.1s,baz=130,slow=8.0,SNR=48			
AAK	P	19 17 48.9	-0.4
AAK	P	19 17 48.9	-0.4
comp-Z,325nm,1.3s			
AAK	P	19 17 47.4	+0.2
AAK	P	19 17 53.4	
comp-Z,110nm,1.2s			
FRU1	P	19 17 47.5	+0.4
FRU1	P	19 17 47.5	+0.4
comp-Z,56nm,1.1s			
FRU1	P	19 17 47.5	+0.4
FRU1	P	19 17 50.4	
comp-Z,56nm,1.1s			
CHMS	P	19 17 48.5	-0.9
CHMS	P	19 17 48.5	-0.9
SNR=28			
NJ2	P	19 17 48.4	-1.2
NJ2	P	19 17 48.4	-1.2
comp-Z,7.0nm,0.5s			
AML	P	19 17 51.9	-0.9
AML	P	19 17 51.9	-0.9
SNR=9.1			
USP	P	19 17 51.2	+0.7
SGDS	P	19 17 49.5	-1.2
SGDS	P	19 17 51.6	+0.9
EKS2	P	19 17 54.0	-0.8
DRK	P	19 17 52.0	-1.3
DRK	P	19 17 56.1	
comp-Z,82nm,1.4s			
ZAK	P	19 17 53.3	-0.1
ZAK	P	19 17 53.3	-0.1
comp-Z,32nm,1.1s			
MOY	P	19 18 03.5	+1.6
MOY	P	19 18 03.5	+1.6
comp-Z,49nm,1.8s			
BTK	P	19 18 02.4	-0.4
BTK	P	19 18 02.4	-0.4
comp-Z,102nm,1.3s			
BTK	P	19 18 02.4	-0.4
BTK	P	19 18 06.0	
comp-Z,102nm,1.2s			
GAR	P	19 18 01.9	-1.5
BTLS	P	19 18 04.5	+0.7
KBL	P	19 18 05.4	-1.1
KBL	P	19 18 05.4	-1.1
comp-Z,141nm,1.2s			
KBL	P	19 18 05.4	-1.1
CHGR	P	19 18 09.6	-2.3
IRK	P	19 18 14.9	+0.6
IRK	P	19 18 14.9	+0.6
comp-Z,33nm,1.6s			
IUG	P	19 18 15.6	-1.0
IUG	P	19 18 17.3	+0.8
KK31	P	19 18 15.8	-1.2
KK31	P	19 18 15.8	-1.2
comp-Z,30nm,1.3s			
KK31	P	19 18 15.8	-1.2
KK31	P	19 18 19.5	
comp-Z,30nm,1.2s			
KKAR	P	19 18 16.0	-1.1
KKAR	P	19 18 16.0	-1.1
comp-Z,30nm,1.3s			
KKAR	P	19 18 15.9	-1.1
KKAR	P	19 18 15.5	-1.5
KURBB	P	19 18 21.1	-0.2
comp-Z,24nm,1.1s,baz=142,slow=10,SNR=72			
KURK	P	19 18 21.1	-0.6
KURK	P	19 18 21.1	-0.6
ZAAO	P	19 18 29.3	-1.4
ZALV	P	19 18 31.1	+0.4
comp-Z,8.2nm,0.8s,baz=162,slow=9.0,SNR=38			
ZALV	P	19 18 29.6	-1.2
BRZ5	P	19 18 39.9	-0.7
BRZ5	P	19 18 39.9	-0.7
comp-Z,36nm,1.4s			
BRZ5	P	19 18 39.9	-0.7
BRZ5	P	19 18 39.9	-0.7
comp-Z,36nm,1.4s			
HIA	P	19 18 48.5	-0.6

HIA	comp-Z,17nm,1.1s		
HIA	Hailar	26.65 38	P
CN2	Changchun	27.66 53	P
PSI	Prapat	27.71 171	P
comp-Z,9.0nm,1.2s			
HRA	Herat	27.75 287	P
RPSI	Rantau Prapat	27.82 171	P
BVAR	Borovoye Array	28.80 329	P
comp-Z,7.3nm,1.0s,baz=162,slow=20,SNR=26			
BVAR	Borovoye	28.87 329	P
comp-Z,1.3nm,0.8s,baz=184,slow=19,SNR=4.3			
BRVK	Borovoye	28.87 329	P
BRVK	Borovoye	28.87 329	P
BRVK	Borovoye	28.87 329	P
BRVK	Borovoye	28.87 329	P
GEYT	Alibeck	31.16 294	P
comp-Z,9.8nm,1.1s,baz=160,slow=9.0,SNR=16			
GYA0B	ALIBECK ARRAY	31.16 294	P
GYA0B	ALIBECK ARRAY	31.16 294	P
comp-Z,16nm,1.1s			
ABKAR	Abkukul array	32.37 316	P
ABKAR	Abkukul array	32.37 316	P
ABKAR	Abkukul array	32.37 316	P
ABKAR	Abkukul array	32.37 316	P
comp-Z,8.2nm,1.1s			
ZEA	Zeya	33.04 36	P
ZEA	Zeya	33.04 36	P
comp-Z,10.0nm,1.0s			
ZEA	Zeya	33.04 36	P
comp-E,10.0nm,0.9s			
ZEA	Zeya	33.04 36	P
comp-Z,20nm,0.9s			
KLR	Kul'dur	33.58 45	P
KLR	Kul'dur	33.58 45	P
comp-Z,11nm,1.1s			
AKTO	Aktuyinsk	33.98 317	P
AKTO	Aktuyinsk	33.98 317	P
comp-Z,4.1nm,0.9s,baz=115,slow=8.8,SNR=12			
KSI	Kapahiang	34.65 166	P
LHSI	Lahat	35.02 165	P
comp-Z,40nm,1.4s			
SVE	Sverdlouk	35.58 328	P
SVE	Sverdlouk	35.58 328	P
comp-Z,36nm,1.1s			
ARU	Arti	36.34 326	P
comp-Z,3.4nm,0.8s,baz=134,slow=7.5,SNR=24			
ARU	Arti	36.34 326	P
ARU	Arti	36.34 326	P
ARU	Arti	36.34 326	P
ARU	Arti	36.34 326	P
comp-Z,28nm,1.2s			
ARU	Arti	36.34 326	P
ARU	Arti	36.34 326	P
comp-Z,29nm,1.2s			
MJAR	Matsushiro Arr	36.45 69	P
comp-Z,2.1nm,1.1s,baz=272,slow=9.1,SNR=6.1			
YAK	Yakutsk	38.90 25	P
YAK	Yakutsk	38.90 25	P
comp-Z,22nm,0.8s			
YAK	Yakutsk	38.90 25	P
YAK	Yakutsk	38.90 25	P
comp-Z,19nm,0.8s			
NRIK	Noril'sk	39.21 356	P
NRIK	Noril'sk	39.21 356	P
comp-Z,4.7nm,0.8s,baz=324,slow=4.8,SNR=12			
NRIK	Noril'sk	39.21 356	P
NRIK	Noril'sk	39.21 356	P
comp-Z,19nm,1.4s			
NRIK	Noril'sk	39.21 356	P
NRIK	Noril'sk	39.21 356	P
comp-Z,25nm,1.4s			
ASAJ	Asahikawa	39.86 56	P
ASAJ	Asahikawa	39.86 56	P
comp-Z,5.7nm,0.8s,baz=266,slow=19,SNR=4.8			
YSS	Yuzh-Sakhalins	40.23 52	P
YSS	Yuzh-Sakhalins	40.23 52	P
comp-Z,30nm,1.2s			
YSS	Yuzh-Sakhalins	40.23 52	P
YSS	Yuzh-Sakhalins	40.23 52	P
comp-Z,100nm,12.0s			
YSS	Yuzh-Sakhalins	40.23 52	P
YSS	Yuzh-Sakhalins	40.23 52	P
comp-Z,41nm,1.2s			
BELG	Belogoroye	40.76 316	P
comp-Z,19nm,0.8s,baz=324,slow=4.8,SNR=4.6			
TYV	Tymovskoe	40.79 46	P
TYV	Tymovskoe	40.79 46	P
TYV	Tymovskoe	40.79 46	P
TYV	Tymovskoe	40.79 46	P
TYV	Tymovskoe	40.79 46	P
comp-Z,6.0nm,1.1s			
TYV	Tymovskoe	40.79 46	P
TYV	Tymovskoe	40.79 46	P
comp-Z,200nm,6.0s			
TYV	Tymovskoe	40.79 46	P
TYV	Tymovskoe	40.79 46	P
comp-E,200nm,9.3s			
GNI	Garni	41.58 298	P
comp-E,10nm,0.8s,baz=193,slow=7.8,SNR=9.0			
GNI	Garni	41.58 298	P
GNI	Garni	41.58 298	P
GNI	Garni	41.58 298	P
GNI	Garni	41.58 298	P
comp-Z,23nm,1.1s			
GNI	Garni	41.58 298	P
GNI	Garni	41.58 298	P
comp-Z,23nm,1.1s			
KIRV	Kirov	41.72 326	P
comp-Z,30nm,0.7s,baz=108,slow=21,SNR=18			
KIRV	Kirov	41.72 326	P
ZEI	Tsey	42.14 302	P
ZEI	Tsey	42.14 302	P
comp-Z,6.0nm,1.1s			
NCK	Nalchik	42.37 303	P
NCK	Nalchik	42.37 303	P
comp-Z,19nm,0.9s			
ONI	Oni	42.48 301	P
ONI	Oni	42.48 301	P
comp-Z,51nm,1.1s			
ONI	Oni	42.48 301	P
GOF	Gofitskoye	42.79 305	P
GOF	Gofitskoye	42.79 305	P
comp-Z,68nm,1.0s			
KBZ	Khabaz	42.88 303	P
KBZ	Khabaz	42.88 303	P
comp-Z,2.9nm,1.0s,baz=193,slow=6.5,SNR=4.7			
KBZ	Khabaz	42.88 303	P
KBZ	Khabaz	42.88 303	P
comp-Z,7.0nm,1.4s			
NEY	Neytrino	43.01 302	P
NEY	Neytrino	43.01 302	P
comp-Z,6.0nm,1.2s			
KIV	Kislovodsk	43.03 303	P
KIV	Kislovodsk	43.03 303	P
comp-Z,25nm,1.1s			
KIV	Kislovodsk	43.03 303	P
KIV	Kislovodsk	43.03 303	P
comp-Z,34nm,1.3s			
KIRT	Sirkak	43.58 294	P
GIRO	Guroymak-BITLI	43.79 295	P
VRH	Novokhoporsky	44.15 314	P
VRH	Novokhoporsky	44.15 314	P
comp-Z,30nm,1.2s			
PRGR	Permogore	44.62 329	P
PRGR	Permogore	44.62 329	P
comp-Z,9.0nm,0.9s			
SOC	Sochi	45.19 303	P
SOC	Sochi	45.19 303	P
SOC	Sochi	45.19 303	P
SOC	Sochi	45.19 303	P
SOC	Sochi	45.19 303	P
comp-Z,22nm,1.0s			
VORD	Divnogorie	45.65 313	P
VORD			

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like KWP Kalwaria Pacla, KOLS Kolonice sedl, UZH Uzhgorod, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like NRCA Norcia, RETA Reutte, TEOL Teolo, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like H08S3 Diego Garcia H, M5EY Mahe Island, ABPO Ambohimpanom, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like IUG luzhnay, IUG 92nm,0.5s, MRKS Merke, etc.

JYNG		S	Sn	19 33 07.1 +1.0	WPL		eS	Sn	19 33 32.2 -0.2
YOY	Yonaguni jima	0.35 92	Pn	19 32 58.3 +0.3	DPDB	baz=248	eS	Sn	19 33 33.3 +0.4
YOY	Yonaguni jima	0.35 92	Pn	19 32 57.7 +0.9	WCS	baz=250	eP	Pn	19 33 13.8 +1.1
YOY	baz=101		S	19 33 07.6 +0.8	WCS	baz=251	eS	Sn	19 33 33.3 +0.4
TWC	Suao	0.72 281	iP	19 33 01.2 -0.3	YULB	Yu-II	eS	Sn	19 33 11.9 -1.0
TWC	baz=282		iS	19 33 12.8 -0.2	YULB	baz=236	P	Pn	19 33 31.6 -1.5
ENA	Nanau	0.81 267	iP	19 33 02.9 +0.4	EYUL	Yuli	eP	Pn	19 33 12.2 -0.9
ENA	baz=259		iS	19 33 15.6 +0.9	EYUL	baz=236	eS	Sn	19 33 33.5 0.0
NTC	Toucheng	0.82 298	eP	19 33 02.3 -0.3	TWF1	Yuli	iP	Pn	19 33 12.4 -0.8
NTC	baz=295		eS	19 33 14.5 -0.4	TWF1	baz=235	iS	Sn	19 33 32.1 -1.6
EHP	Heping Village	0.83 259	eS	19 33 16.8 +1.7	SSLB	Suazung	eP	Pn	19 33 12.3 -1.2
NDS	Dongshan	0.85 281	P	19 33 03.6 +0.6	SSLB	baz=245	eS	Sn	19 33 33.8 -0.5
NDS	baz=285		S	19 33 14.6 -0.8	SMLT	Sun Moon Lake	eP	Pn	19 33 14.5 +0.8
TIPB	Shuangxi	0.88 304	iP	19 33 02.9 -0.5	SMLT	baz=245	eS	Sn	19 33 35.0 +0.8
TIPB	baz=302		S	19 33 15.4 -0.8	NSY	Sanyi	eS	Sn	19 33 34.8 -0.2
TWE	Neicheng	0.91 286	iP	19 33 03.7 0.0	TYC	Yuch	P	Pn	19 33 14.3 +0.3
TWE	baz=283		S	19 33 16.4 -0.4	TYC	baz=244	S	Sn	19 33 35.9 +0.8
ETL	Fush Village	0.97 251	eP	19 33 03.9 -0.5	FULB	Fuli	eP	Pn	19 33 14.8 +0.1
ETL	baz=242		S	19 33 18.0 -0.1	FULB	baz=217	eS	Sn	19 33 35.3 -1.1
NWF	Wu-fen Shan	0.97 308	iP	19 33 04.4 -0.1	WHYT	Xinyi Township	eP	Pn	19 33 16.1 +0.9
NWF	baz=298		S	19 33 17.3 -1.0	WHYT	baz=243	eS	Sn	19 33 38.2 +1.0
WFSB	Wu-fen Shan	0.97 308	iP	19 33 04.4 0.0	TCU	Taichung	eS	Sn	19 33 38.0 +0.6
WFSB	baz=300		S	19 33 17.7 -0.5	WWF	Wufeng	eS	Sn	19 33 38.4 +0.8
NACB	Ninganchiao	0.99 253	P	19 33 03.6 -1.1	WDJ	Dajia District	eS	Sn	19 33 36.9 -0.7
NACB	baz=244		S	19 33 18.0 -0.5	WJS	Zhushan	eP	Pn	19 33 16.8 +0.9
IRIF	Iriomote-Funau	1.01 98	P	19 33 04.7 -0.2	WJS	baz=248	eS	Sn	19 33 40.3 +1.8
TRW	Chiawan	1.02 248	P	19 33 19.2 +0.2	ECS	Chishang	eP	Pn	19 33 17.1 +0.8
TRW	baz=246		iS	19 33 04.5 -0.5	ECS	baz=233	eS	Sn	19 33 39.0 -0.3
TWD			S	19 33 18.7 -0.5	JTJ	Tarama	P	Pn	19 33 16.1 -0.3
TNOU	National Taiwa	1.03 311	eP	19 33 05.8 +0.7	JTJ	baz=233	S	Sn	19 33 39.7 +0.3
TNOU	baz=303		eS	19 33 19.8 +0.5	ALS	Alishan	eS	Sn	19 33 17.7 +0.6
HWA	Hwaiien	1.06 242	S	19 33 21.0 +1.0	ALS	baz=233	eS	Sn	19 33 41.1 +0.5
ETLH	Xiulin Townshi	1.08 256	eP	19 33 05.3 -0.5	EDH	Donghe	eP	Pn	19 33 16.1 -0.7
ETLH	baz=249		eS	19 33 20.6 -0.1	EDH	baz=215	S	Sn	19 33 39.0 -1.2
NHHD	Xindian Distri	1.12 296	eP	19 33 05.5 -0.7	ELDTW	Lidau	eP	Pn	19 33 16.4 -0.9
NHHD	baz=294		eS	19 33 20.6 -0.6	ELDTW	baz=228	S	Sn	19 33 39.7 -1.4
HATJ	Hateruma jima	1.15 111	eS	19 33 23.0 +1.0	CHN5	Tsauling	eP	Pn	19 33 18.5 +0.8
ETM	Tongmen	1.16 244	P	19 33 05.7 -1.0	CHN5	baz=236	eP	Sn	19 33 43.6 +1.8
ETM	baz=239		S	19 33 21.1 -1.0	WGK	Gukung	eP	Pn	19 33 18.8 +0.4
YHNB	Yeheng	1.16 280	P	19 33 07.3 +0.5	WGK	baz=259	eS	Sn	19 33 43.6 +0.5
YHNB	baz=278		S	19 33 21.9 -0.4	WDLH	Douliu	eP	Pn	19 33 20.2 +1.5
TAP	Taipei	1.17 299	eP	19 33 05.0 -1.8	WDLH	baz=259	eS	Sn	19 33 45.4 +1.8
TAP	baz=288		eS	19 33 21.6 -0.8	LONT	Longtian	eS	Sn	19 33 44.4 +0.4
YM01	YM01	1.17 305	P	19 33 06.7 -0.3	LDUT	Ludao	eP	Pn	19 33 18.7 -0.3
YM01	baz=296		S	19 33 21.8 -0.8	LDUT	baz=210	eS	Sn	19 33 42.6 -1.4
NSK	Sanguang	1.18 280	P	19 33 07.0 0.0	STYH	Taoyuan	eS	Sn	19 33 45.9 +0.6
NSK	baz=278		iS	19 33 22.3 -0.5	TPUB	Utai	eP	Pn	19 33 20.6 +0.5
YM08	YM08	1.18 307	eP	19 33 07.4 +0.4	TPUB	baz=229	eS	Sn	19 33 47.1 +1.0
TEGC	Jichi Village	1.25 233	eP	19 33 08.1 +0.2	CHN4	Tsushan	P	Pn	19 33 21.3 +1.2
TEGC	baz=240		S	19 33 24.6 +0.2	CHN4	baz=238	S	Sn	19 33 48.1 +1.9
PCYT	Pengchayiu	1.26 336	eP	19 33 08.3 +0.3	TWGBT	Beinan	eS	Sn	19 33 45.9 -0.4
PCYT	baz=325		eS	19 33 23.6 -0.9	TWGT	Pinglang	eS	Sn	19 33 40.0 -0.3
ESL	Shilin	1.28 239	P	19 33 07.6 -0.7	TTN	Taitung	eP	Pn	19 33 20.5 +0.2
ESL	baz=243		S	19 33 23.8 -1.2	WTK	Tuku	eP	Pn	19 33 21.0 +0.6
JKRS	Kuro-shima	1.28 100	P	19 33 08.4 +0.1	WTK	baz=259	eS	Sn	19 33 46.2 -0.4
JKRS	baz=298		S	19 33 25.6 +0.6	WTP	Taichung	S	Sn	19 33 21.5 +0.7
FUSS	Fushou	1.28 260	eP	19 33 09.1 +0.5	WTP	baz=235	P	Pn	19 33 49.1 +1.9
FUSS	baz=258		S	19 33 25.7 +0.2	CHY	Chiayi	eS	Sn	19 33 47.0 -0.7
WHF	Hehuan Shan	1.29 255	iP	19 33 08.4 -0.4	TWK	Hsinying	eP	Pn	19 33 22.6 +0.7
WHF	baz=260		iS	19 33 24.9 -1.0	CHN1	Nanshi	eP	Pn	19 33 23.2 +1.2
NTY	Taoyuan	1.32 294	eP	19 33 08.6 -0.2	CHN1	baz=246	eS	Sn	19 33 50.4 +0.8
NTY	baz=292		eS	19 33 25.4 -0.5	SLGT	Liugui	eP	Pn	19 33 23.7 +1.3
TWT	Tachien	1.34 261	eP	19 33 11.2 +1.9	SLGT	baz=237	eS	Sn	19 33 50.9 +0.7
TWT	baz=259		S	19 33 27.1 +0.4	WSF	Szhu	eS	Sn	19 33 23.6 +1.0
TDCB	Techi	1.36 261	P	19 33 09.4 0.0	ECL	Taimali	eS	Sn	19 33 50.6 -1.6
TDCB	baz=259		S	19 33 26.3 -0.7	SDD	Sandimen	eP	Pn	19 33 25.7 +1.0
EGFH	Guanggu	1.36 234	S	19 33 26.5 -0.4	TSMG	Tasme	eP	Pn	19 33 26.0 +1.0
EGFH	baz=253		Pn	19 33 09.1 -0.5	TSMG	baz=225	eS	Sn	19 33 54.8 -0.1
JIJ	Ishigaki jima	1.38 94	P	19 33 26.8 -0.8	SCLT	Jiali	eP	Pn	19 33 25.5 -0.1
JIJ	baz=245		S	19 33 09.8 -0.2	MASBT	Mashibuluo	eP	Pn	19 33 26.5 +0.5
CHGB	Renai	1.39 253	P	19 33 26.8 -1.1	MASBT	baz=224	eS	Sn	19 33 57.9 +1.2
CHGB	baz=245		S	19 33 26.8 -1.1	EAST	Anshuo	eP	Pn	19 33 24.7 -1.9
NCU	National Centr	1.40 291	eP	19 33 09.8 -0.1					
NCU	baz=289		eS	19 33 27.8 0.0					
OWD	Renai	1.43 249	P	19 33 10.7 +0.4					
OWD	baz=242		S	19 33 27.3 -1.3					
HGSD	Ruisui	1.47 229	eP	19 33 10.8 0.0					
HGSD	baz=225		eS	19 33 29.0 -0.5					
LIOB	Emei	1.48 277	eP	19 33 11.2 +0.3					
LIOB	baz=275		S	19 33 29.8 +0.1					
NSTT	Nanjiang	1.49 276	S	19 33 29.8 -0.1					
NSTT	baz=274		S	19 33 30.2 -0.5					
SBCB	Hsinchu	1.53 282	eS	19 33 30.2 -0.5					
SBCB	baz=280		Pn	19 33 11.1 -0.5					
JHG	Ishigakijimahi	1.54 85	P	19 33 30.6 -0.8					
JHG	baz=230		eS	19 33 10.9 -0.3					
EHY	Hungye	1.54 231	S	19 33 30.6 -0.4					
EHY	baz=230		S	19 33 30.6 -0.4					
WHP	Taichung City	1.55 263	iP	19 33 12.8 +1.0					
WHP	baz=258		S	19 33 31.8 +0.4					
ECBN	Changbin	1.58 223	eS	19 33 30.7 -1.2					
ECBN	baz=216		Pn	19 33 11.9 -0.5					
WPL	Puli Township	1.59 254	eP	19 33 11.9 -0.5					
WPL	baz=248								

WPL		eS	Sn	19 33 32.2 -0.2	WPL		eS	Sn	19 33 32.2 -0.2	
DPDB	Guoxing	1.61 255	eS	Sn	19 33 33.3 +0.4	DPDB	baz=248	eS	Sn	19 33 33.3 +0.4
WCS	Beigang Elemen	1.62 255	eP	Pn	19 33 13.8 +1.1	WCS	baz=250	eP	Pn	19 33 13.8 +1.1
WCS	baz=251		eS	Sn	19 33 33.3 +0.4	WCS	baz=251	eS	Sn	19 33 33.3 +0.4
YULB	Yu-II	1.63 229	P	Pn	19 33 11.9 -1.0	YULB	Yu-II	eS	Sn	19 33 11.9 -1.0
YULB	baz=236		S	Sn	19 33 31.6 -1.5	YULB	baz=236	P	Pn	19 33 31.6 -1.5
EYUL	Yuli	1.64 227	eP	Pn	19 33 12.2 -0.9	EYUL	Yuli	eP	Pn	19 33 12.2 -0.9
EYUL	baz=236		eS	Sn	19 33 33.5 0.0	EYUL	baz=236	eS	Sn	19 33 33.5 0.0
TWF1	Yuli	1.65 228	iP	Pn	19 33 12.4 -0.8	TWF1	Yuli	iP	Pn	19 33 12.4 -0.8
TWF1	baz=235		iS	Sn	19 33 32.1 -1.6	TWF1	baz=235	iS	Sn	19 33 32.1 -1.6
SSLB	Suazung	1.66 246	eP	Pn	19 33 12.3 -1.2	SSLB	Suazung	eP	Pn	19 33 12.3 -1.2
SSLB	baz=245		eS	Sn	19 33 33.8 -0.5	SSLB	baz=245	eS	Sn	19 33 33.8 -0.5
SMLT	Sun Moon Lake	1.69 250	P	Pn	19 33 14.5 +0.8	SMLT	Sun Moon Lake	eP	Pn	19 33 14.5 +0.8
SMLT	baz=245		eS	Sn	19 33 35.0 +0.8	SMLT	baz=245	eS	Sn	19 33 35.0 +0.8
NSY	Sanyi	1.70 268	eS	Sn	19 33 34.8 -0.2	NSY	Sanyi	eS	Sn	19 33 34.8 -0.2
NSY	baz=267		Pn	19 33 14.3 +0.3	NSY	baz=267	P	Pn	19 33 14.3 +0.3	
TYC	Yuch	1.71 251	P	Pn	19 33 14.3 +0.3	TYC	Yuch	P	Pn	19 33 14.3 +0.3
TYC	baz=244		S	Sn	19 33 35.9 +0.8	TYC	baz=244	S	Sn	19 33 35.9 +0.8
FULB	Fuli	1.76 224	eP	Pn	19 33 14.8 +0.1	FULB	Fuli	eP	Pn	19 33 14.8 +0.1
FULB	baz=217		eS	Sn	19 33 35.3 -1.1	FULB	baz=217	eS	Sn	19 33 35.3 -1.1
WHYT	Xinyi Township	1.80 245	eP	Pn	19 33 16.1 +0.9	WHYT	Xinyi Township	eP	Pn	19 33 16.1 +0.9
WHYT	baz=243		eS	Sn	19 33 38.2 +1.0	WHYT	baz=243	eS	Sn	19 33 38.2 +1.0
TCU	Taichung	1.81 260	eS	Sn	19 33 38.0 +0.6	TCU	Taichung	eS	Sn	19 33 38.0 +0.6
TCU	baz=269		eS	Sn	19 33 38.4 +0.8	TCU	baz=269	eS	Sn	19 33 38.4 +0.8
WWF	Wufeng	1.81 257	eS	Sn	19 33 36.9 -0.7	WWF	Wufeng	eS	Sn	19 33 36.9 -0.7
WWF	baz=267		eS	Sn	19 33 38.4 +0.8	WWF	baz=267	eS	Sn	19 33 38.4 +0.8
WDJ	Dajia District	1.82 266	eS	Sn	19 33 36.9 -0.7	WDJ	Dajia District	eS	Sn	19 33 36.9 -0.7
WDJ	baz=265		eP	Pn	19 33 16.8 +0.9	WDJ	baz=265	eP	Pn	19 33 16.8 +0.9
WJS	Zhushan	1.85 250	eP	Pn	19 33 16.8 +0.9	WJS	Zhushan	eP	Pn	19 33 16.8 +0.9
WJS	baz=248		eS	Sn	19 33 40.3 +1.8	WJS	baz=248	eS	Sn	19 33 40.3 +1.8
ECS	Chishang	1.89 224	eP	Pn	19 33 17.1 +0.8	ECS	Chishang	eP	Pn	19 33 17.1 +0.8
ECS	baz=233		eS	Sn	19 33 39.0 -0.3	ECS	baz=233	eS	Sn	1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CROK Carrier, BCOK Bluff Creek, N, GC025 Westminster Rd, etc.

11d 20:23:36.5-1.4, 17:93Sx70.48W, h0km, mb3.4/3, mb1 3.7/6, mb1mx3.6/38, mbtmp3.6/6, ML3.7/3, MS2.4/1, Ms1 2.5/1, ms1mx2.2/18, Error ellipse: s-maj=28.6km s-min=18.6km az=85.0

GUC 11 20:23:40.0-0.6, 17:89Sx70.49W, h22km, 3km, ML4.1, 1SC 11 20:23:38.1-1.1, 17:85Sx0.06:70.5W-0.1, h10km, n15, o574/21, mb3.5/3, 4D, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AP01 Chacalluta, PSGC Pisagua, PB11 IPOC Station P, etc.

SOME 11 20:29:29.2, 40:60N:72:42E, h15km, KRNET 11 20:29:29.0, 40:70N:72:35E, h12km, mb2.5, NNC 11 20:29:36.3-2.4, 40:83N:72:46E, h0km, mb2.7, mpv2.6, Error ellipse: s-maj=21.6km s-min=11.0km az=146.0

1SC 11 20:29:30.3-1.0, 40:68N:0.03:72.38E:0.04, h14km, 13km, n14, i166/25, 11C-7D, Krygyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OHH Osh, DRK Karamyk, DRK Batken, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KZA Kyzart, KZA Karatay, KK31 Karatay Array, etc.

1DC 11 20:43:45.6:2.1, 24:48Sx174:84W, h0km, mb4.1/6, mb1 4.4/7, mb1mx4.0/27, mbtmp4.2/7, ML3.4/1, MS3.3/2, Ms1 3.3/2, ms1mx2.0/26, Error ellipse: s-maj=102.3km s-min=26.3km az=160.0

NEIC 11 20:43:47.6:2.2, 24:05S:0.2:174:70W:0.1, h17km, 7km, mb4.8/8, Error ellipse: s-maj=27.1km s-min=14.1km az=173.0

1SC 11 20:43:46.9:0.7, 23:95S:0.2x174:76W:0.09, h10km, n26, o250/25, mb4.5/9, 2C, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIUE Niue, MSFV Nonsavu, RAR Rarotonga, etc.

TUL 11 20:46:34.6: 1.5, 36:03N:0.01:97:121W:0.009, h6km, 7km, ML2.5, mb, Lg2, 1/9(NEIC), Error ellipse: s-maj=1.8km s-min=0.6km az=154.0

NEIC 11 20:46:34.6: 1.2, 36:06N:0.01:97:14W:0.01, h6km, 6km, Error ellipse: s-maj=1.9km s-min=1.4km az=142.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK031 S. Brethren Rd, OK029 Liberty Lake, QUOK Quay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, RPSI Ranu Prapat, CMAR Chiang Mai Arr, etc.

1DC 11 20:49:15.5:4.0, 7:15S:148:14E, h107km, 36km, mb3.3/2, mb1 3.6/5, mb1mx3.2/28, mbtmp3.8/5, MS2.8/1, MS1 2.8/1, ms1mx2.3/15, Error ellipse: s-maj=52.6km s-min=37.2km az=122.0

1SC 11 20:49:15.2:1.5, 7:05S:0.1:148:1E:0.3, h100km, n7, o193/7, New Britain region

1DC 11 20:58:59.6:3.7, 3:62S:151:14E, h0km, mb3.1/2, mb1 3.4/2, mb1mx3.2/35, mbtmp3.1/2, ML4.9/1, MS2.7/2, Ms1 2.7/2, ms1mx2.5/12, Error ellipse: s-maj=115.8km s-min=33.4km az=104.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, SIJI Sorong, WRA Warrumungu Arr, etc.

TUL 11 21:21:22.1, 36:20N:0.01:97:287W:0.004, h8km, 7km, ML2.7, mb, Lg2, 5/30(NEIC), Error ellipse: s-maj=1.6km s-min=0.6km az=182.0

NEIC 11 21:22:2.0: 0.8, 36:20N:0.01:97:29W:0.02, h4km, 7km, Error ellipse: s-maj=1.8km s-min=1.6km az=102.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OK029 Liberty Lake, OK031 S. Brethren Rd, QUOK Quay, etc.

comp=Z,8.6nm,1.0s
N41A Harden Midland 6.76 46 Iamb_Lg 21 24 52.3

NEIC 11 21:27:11.1,8,16:80N:0:07:94:34W,0:05,h123km,6km,
Error ellipse: s-maj=10.1km s-min=6.8km az=171.0

MEX 11 21:27:12.0,1.6,16:81N:94:36W,h126km,14km,MD4.2
GCG 11 21:27:20.5,0.5,16:09N:92:18W,h406km,57km,MD4.4

ISC 11 21:27:10.7,0.8,16:83N:0:05:94:33W,0:03,
h131km,10km,n50,cf141/83,mb4.1/3,Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like TGIG, HUIG, CCIG, etc.

IDC 11 22:01:27.9,4.6,23:34N:94:67E,h96km,42km,mb3.3/2,
mb1 3.3,mb1mx3.0/36,mbtm3.4/3, Error ellipse:
s-maj=152.3km s-min=24.4km az=59.0,Myanmar-India
border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CMAR, MKAR, WRA.

TAP 11 22:04:00.5,24:53N,122:82E,h101km,1km,ML2.7,C,
Taiwan region

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

Main table with columns: NACB, Station Name, Az, Phase ID, Time, Res. Lists stations like NACB, NINANCHIAO, TWID, etc.

TAP 11 22:04:26.2,24:33N,121:80E,h28km,ML1.9,D,Taiwan

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

NEIC 11 22:07:22.2,1.1,52:8N:0:1:167:9W,0:1,h28km,17km,
Error ellipse: s-maj=20.1km s-min=4.0km az=152.0
AEIC 11 22:07:21.1,7.52:8N:0:1:167:83W,0:08,h26km,9km,
ML2.9,mb3.8/3(NEIC),Error ellipse: s-maj=17.0km

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

IDC 11 22:09:09.8,1.1,26:88S:176:52W,h0km,mb4.0/8,
mb1 4.2/9,mb1mx4.0/26,mbtm4.0/9,ML4.6/1,MS3.6/13,
Ms1 3.6/13,ms1mx3.4/28,Error ellipse: s-maj=30.9km
s-min=22.5km az=108.0

NEIC 11 22:09:13.3,1.6,27:0S:0:1:176:73W,0:08,h10km,1km,
Ms5/14,Error ellipse: s-maj=19.8km s-min=9.7km
az=25.0

ISC 11 22:09:15.8,0.8,26:94S:0:08:176:5W,0:1,h35km,n44,
cf134/34,mb4.2/13,MS3.7/10,South of Fiji Islands

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

TAP 11 22:04:26.2,24:33N,121:80E,h28km,ML1.9,D,Taiwan

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station names like Yonagunijimaku, Suao, Toucheng, Shuangxi, etc.

JMA 11 22:26:29.4, 24.83N, 121.95E, h30km, M2.8
TAP 11 22:26:29.3, 24.80N, 121.95E, h16km, ML3.1, C
ISC 11 22:26:28.2, 0.9, 24.87N, 122.00E, 0.02, h19km, 2km,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station names like Toucheng, Shuangxi, ILA, NWF, WFSB, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station names like ANP, TWY, YHNB, NSK, NTY, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station names like XPPS, LYJ, KNMB, etc. Includes detailed seismic event descriptions.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like BGNE Belgrade, L34A Svendsen Farm, I42A Draeger Farm, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like BOSA Boshof, BOSA Boshof, SPR3 Spring Creek, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like J05D Fort Rock, L02E Cave Junction, JMTM Jette, etc.

NIC 12 00:29:17.8:0.0,35:62N:27:87E,h16km,1km,ML3.6/3
DDA 12 00:29:18.6:35:64N:27:76E,h7km,2km,ML3.0
ISK 12 00:29:18.4:35:67N:27:85E,h12km,ML3.0/2.5
ATH 12 00:29:18.3:35:62N:27:86E,h12km,2km,ML3.1/4,Error
ellipse: s-maj=2.5km s-min=0.9km az=354.0

THE 12 00:29:19.1,35:68N:27:91E,h0km,ML2.9/5,Error ellipse:
s-maj=1.5km s-min=0.8km az=136.0

ISC 12 00:29:18.5:1.3,35:62N:0:33:27.89E:0:02,h11km,9km,
n79,-0:679/104,Dodecanese Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists various stations like KARP, ARG, NIS1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like AKMS, NATA, NATA, etc.

IDC 12 00:32:23.4:4.7,35:24S:178:42E,h197km,30km,mb3.7/4,
mb1.3,8/5,mb1mx3.4/55,mbtmp4.1/5,Error ellipse:
s-maj=59.9km s-min=10.0km az=49.0
WEL 12 00:32:28.9:0.9,36:16S:107:178E:1.0,h209km,13km,
ML4.2/3,ML4.5/9,MLv4.2/23,Error ellipse: s-maj=0.0km
s-min=0.0km az=48.9

NOU 12 00:32:29.0,35:76S:177:94E,h249km,ML4.2/8,Off E.
Coast of N. Island, N.Z.

ISC 12 00:32:27.1:3,35:79S:107:10E:0:1,h266km,8km,
n94,-1:933/107,mb3.7/4,Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like MXZ, HAZ, WMGZ, etc.

az=222.0
ISC 12 00:39:29.7:1.5,47:2N:0:11:156:7E:0.2,h18km,n36,
c1131/31,mb4.2/15,East of Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like PEAOB, PETK, PETK, etc.

KRNET 12 00:42:19.5:0.1,39:46N:73:12E,h13km,mb3.0
SOME 12 00:42:20.7,39:60N:73:07E,h10km
NMC 12 00:42:26.0:3.3,39:73N:73:19E,h0km,mb3.2,mpv2.9,
Error ellipse: s-maj=28.2km s-min=17.0km az=14.0

ISC 12 00:42:20.6:1.0,39:51N:0:04:73.14E:0:03,h10km,n31,
c250/53,32C-7D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like SFK, SFK, DRK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ALFC Alekfa, AKMS Akamas, LFK Lefkose, etc.

IDC 12 05:43:46.5.5.5,36:45N:70:97E, h191km,49km,mb3.4/7, mb1 3.5/12, mb1mx3.3/44, mbtmp4.0/12, MS2.8/2, Ms1 2.8/2, ms1mx2.4/35, Error ellipse: s-maj=48.4km s-min=14.1km az=39.0, NNC 12 05:43:49.4.2.6, 82:5N:70:66E, h156km,40km,mb3.5, mpv4.1, Error ellipse: s-maj=22.8km s-min=16.3km az=37.0, ISC 12 05:43:46.2.0.6,36:59N:0:06:70:92E:0:09, h188km, n44, e159/48, mb3.6/7, 4C-6D, Hindu Kush region

Main table of station data for the first section, including stations like CEP Cherat, CHCP Chirah Chowk, THW Thamme Wali, etc.

IDC 12 05:56:58.4.4.9,2.373:13970E, h0km, mb3.1/2, mb1 3.4/3, mb1mx3.3/22, mbtmp3.2/3, ML3.2/1, Error ellipse: s-maj=19.1km s-min=32.1km az=88.0, Near coast of Irian Jaya

Table of station data for the second section, including stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, etc.

IDC 12 06:17:56.5.1.5,7:27N,35:20W, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.1/31, mbtmp3.7/5, MS3.6/1, Ms1 3.6/1, ms1mx2.8/30, Error ellipse: s-maj=58.2km s-min=28.0km az=19.0, Central Mid-Atlantic Ridge

Table of station data for the third section, including stations like TORD Torodi Arr, ROSC El Rosal, TXAR Lajitas Array, etc.

NEIC 12 06:23:39.8.1.9, 19:1N:0:1:145:8E:0:2, h105km,9km, mb4.3/21, Error ellipse: s-maj=34.0km s-min=16.5km az=93.0, IDC 12 06:23:40.9.3.1, 19:03N:145:72E, h124km,31km, mb3.7/10, mb1 3.9/11, mb1mx3.5/54, mbtmp4.1/11, Error ellipse: s-maj=30.4km s-min=17.1km az=106.0, ISC 12 06:23:38.9.0.7, 19:12N:0:08:145:7E:0:2, h100km, n40, e0597/35, mb4.3/21, Mariana Islands region

Main table of station data for the third section, including stations like GUMU Guam, GUMU GUMU, H11S1 WAKE ISLAND Hy, etc.

NEIC 12 06:26:58.6.2.8, 22:43S:0:04:174:60W:0:09, h10km,1km, mb4.4/24, Error ellipse: s-maj=15.1km s-min=4.9km az=105.0, IDC 12 06:26:59.0.0.6, 22:44S:175:01W, h0km, mb4.5/18, mb1 4.7/19, mb1mx4.6/38, mbtmp4.5/19, ML4.2/1, MS4.0/24, Ms1 4.0/24, ms1mx3.8/52, Error ellipse: s-maj=21.3km s-min=16.0km az=126.0, ISC 12 06:26:59.0.0.4, 22:54S:0:06:174:62W:0:07, h10km, h10km:pp-P,n143, r1986/126, mb4.4/27, MS4.1/23, Tonga Islands region

Main table of station data for the fourth section, including stations like NIUE Niue, RAO Raoul Island, MSVF Nonsavu, etc.

Table of station data for the fifth section, including stations like QRZ Quartz Range, THZ Tophouse, LTZ Lake Taylor, etc.

NEIC 12 06:26:59.0.0.4, 22:54S:0:06:174:62W:0:07, h10km, h10km:pp-P,n143, r1986/126, mb4.4/27, MS4.1/23, Tonga Islands region

Main table of station data for the fifth section, including stations like SNAA Sanae, VNA3 Neumayer Olymp, KLR Kul'dur, etc.

0.0nm,0.3s,baz=28,slow=27,SNR=2.4

AEIC 12:07:06:07z:1.6,57.01N:0.03:156.99W:0.05,h1km,5km, ML2.7,ML3.9/22(NEIC), Error ellipse: s-maj=4.6km s-min=2.9km az=137.0 NEIC 12:07:06:08z:1.5,57.01N:0.02:157.00W:0.05,h1km,6km, Error ellipse: s-maj=5.0km s-min=1.7km az=126.0 ANF 12:07:06:10z:1.4,57.03N:156.97W,h1km,11km,ML4.2/18,ML4.2/18, Error ellipse: s-maj=3.1km s-min=2.0km az=130.0

IDC 12:07:10:1.2,3.56:82N:157.07W,h0km,mb3.4/5,mb1.3/9.7,mb1mx3.6/50,mbtmp3.5/7,ML2.7/2,MS3.3/7,Ms1.3.3/7,ms1mx3.1/20, Error ellipse: s-maj=39.2km s-min=20.8km az=93.0

ISC 12:07:09:2.0,7.57:00N:0.03:156.99W:0.03,h10km,n188,0099/192,mb3.4/5,MS3.3/7, Alaska Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Aniakhchak, Peulik, Chirikof, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Kodiak, Sand Point, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Kodiak, Sand Point, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Kodiak, Sand Point, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Kodiak, Sand Point, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Kodiak, Sand Point, etc.

Table with columns: SKT, Skwentna, 5.72 27, Pn, 07 07 35.5 +1.5, 07 07 34.8 +0.8. Lists stations like Port Wells, Talatina, etc.

Table with columns: SKT, Skwentna, 5.72 27, Pn, 07 07 35.5 +1.5, 07 07 34.8 +0.8. Lists stations like Port Wells, Talatina, etc.

Table with columns: SKT, Skwentna, 5.72 27, Pn, 07 07 35.5 +1.5, 07 07 34.8 +0.8. Lists stations like Port Wells, Talatina, etc.

Table with columns: SKT, Skwentna, 5.72 27, Pn, 07 07 35.5 +1.5, 07 07 34.8 +0.8. Lists stations like Port Wells, Talatina, etc.

Table with columns: SKT, Skwentna, 5.72 27, Pn, 07 07 35.5 +1.5, 07 07 34.8 +0.8. Lists stations like Port Wells, Talatina, etc.

Table with columns: SKT, Skwentna, 5.72 27, Pn, 07 07 35.5 +1.5, 07 07 34.8 +0.8. Lists stations like Port Wells, Talatina, etc.

Main table on the left side, columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Chiang Mai, Kashi, etc.

Main table on the left side, columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Chiang Mai, Kashi, etc.

Main table on the left side, columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Chiang Mai, Kashi, etc.

Main table on the left side, columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Chiang Mai, Kashi, etc.

Main table on the left side, columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Chiang Mai, Kashi, etc.

Main table on the left side, columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Chiang Mai, Kashi, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Kodiak, Sand Point, etc.

ASAR 0.3nm,0.4s,baz=345,slow=9,SNR=4.7 PcP PcP 07 42 37.9 +0.3
SONM Songino Array 44.87 343 P P 07 41 52.2 +0.2
MKAR R Matkani Array 54.69 326 P P 07 43 03.8 -0.3
MKAR 0.7nm,0.7s,baz=122,slow=3.7,SNR=4.4 PcP PcP 07 43 58.1 -0.5

NEIC 12 08:06:23.4:1.6,5.86S;0.09:147.4E:0.1,h35km,2km, mb4.2/17, Error ellipse: s-maj=21.1km s-min=11.9km az=302.0
IDC 12 08:06:26.3:5.1,5.94S;147.39E,h66km,42km,mb3.7/4, mb1 4.0/7,mb1mx3.6/36,mbtmp4.1/7,ML2.2,MS2.8/4, Ms1 2.8/4,ms1mx2.6/43, Error ellipse: s-maj=53.9km s-min=35.0km az=113.0

ISC 12 08:06:27.0:0.8,6.01S;0.09:147.4E:0.1,h77km,n29, c230/30,mb4.1/7,Eastern New Guinea region
Code Station Name Az AzZ Phase ID Time Res h m s ISC
PMG Port Moresby 3.39 184 P Pn 08 07 17.6 0.0
PMG 23nm,0.3s,baz=328,slow=9.5,SNR=4.7 LR LR 08 08 37.7
PMG 23nm,1.152nm,18.8s,baz=324,slow=38 LR LR 08 08 37.7

IDC 12 08:19:24.2:2.3,26.39N;141.45E,h0km,mb3.9/5, mb1 4.0/5,mb1mx3.6/45,mbtmp3.9/5,MS3.1/1, Ms1 3.1/1, ms1mx2.2/60, Error ellipse: s-maj=122.2km s-min=21.1km az=81.0, Bonin Islands region

Code Station Name Az AzZ Phase ID Time Res h m s ISC
KLR Kul'dur 24.01 344 Op ISC 08 24 41.8 +1.2
WRA Warramunga Arr 46.57 189 P P 08 27 54.3 +0.3
ZALV Zalesov Beam 49.59 320 LR LR 08 49 03.1
ASAR Alice Springs 50.30 189 P P 08 28 22.4 -0.3
KURBS Kurchatov Arra 53.06 315 P P 08 28 42.8 -0.4
FINES FINES Array B 78.28 334 P Pn 08 31 25.4 -0.4

IDC 12 08:46:14.2:2.3,35.65S;177.90E,h0km,mb3.4/2, mb1 4.0/4,mb1mx3.7/32,mbtmp3.9/4,ML5.0/2,MS2.2/1, Ms1 2.2/1,ms1mx2.1/15, Error ellipse: s-maj=52.8km s-min=31.5km az=97.0
NOU 12 08:46:28.2:37.38S;177.68E,h203km,ML3.8/9, Off E. Coast of N. Island, N.Z.
WEL 12 08:46:34.2:0.6,37.53S;177.7E:1,h143km,qkm,M3.4/56, ML3.6/30,MLV3.4/6, Error ellipse: s-maj=0.0km s-min=0.0km az=54.5

ISC 12 08:46:32.1:1.0,37.43S;0.05:177.35E:0.05,h171km,6km, n146,c19/27/169, Off east coast of North Island
Code Station Name Az AzZ Phase ID Time Res h m s ISC
HAZ Te Kaha 0.47 133 P Pn 08 46 55.1 -0.5
HAZ Whare Island 0.52 215 P Pn 08 46 55.7 -0.2
RUGZ Raukumanga Rang 0.59 154 P Pn 08 46 55.8 -0.8
PLGZ Pakihiroa 0.73 128 P Pn 08 46 57.4 +0.3
OPRZ Ohinepanea 0.75 237 P Pn 08 46 56.8 -0.3
OPRZ Manawahe 0.77 224 P Pn 08 46 57.3 0.0
MARZ Matakaoka Point 0.77 100 P Pn 08 46 57.1 -0.1
MXZ Edgecumbe 0.83 216 P Pn 08 46 58.0 +0.3
EDRZ Urewera 0.85 193 P Pn 08 46 57.7 0.0
URZ 75nm,0.3s,baz=267,slow=5.1,SNR=5.94 Sn Sn 08 47 15.0 -2.6
URZ 65nm,0.3s,baz=171,slow=20,SNR=27 P Pn 08 46 57.7 0.0
URZ Urewera 0.85 193 P Pn 08 46 57.7 0.0
TWGZ Tauwhareparea 0.90 279 P Pn 08 46 57.5 -0.7
MWZ Matawai 0.91 171 P Pn 08 46 58.6 +0.4
MWZ TGRZ Tauranga 0.92 251 P Pn 08 46 58.1 -0.2
TWGZ Waiomatatini S 0.93 115 P Pn 08 47 17.2 -1.3
WMGZ Puketiti 0.96 132 P Pn 08 46 59.1 +0.5
PUZ Makatiti 0.99 225 P Pn 08 47 00.2 +1.3
ONRZ Mount Tarawera 1.04 220 P Pn 08 46 59.3 +0.4
KARZ Kaharoa 1.05 236 P Pn 08 47 00.1 +0.8
RAGZ Rawiri 1.06 177 P Pn 08 47 00.0 +0.6
RAGZ Te Karaka 1.08 159 P Pn 08 47 00.2 +0.8

TKGZ Sn 08 47 20.8 +0.1
RRRZ Republican Roa 1.12 216 P Pn 08 47 00.3 +0.5
RRRZ Sn 08 47 20.6 -0.8
HLRZ Highlands Stat 1.14 224 P Pn 08 47 00.7 +0.7
MUGZ Murupura 1.14 204 P Pn 08 47 00.3 +0.3
MUGZ Sn 08 47 00.5 +1.1
NGRZ Ngongotaha 1.14 234 P Pn 08 47 00.7 +0.7
UTU Utuhou 1.18 231 P Pn 08 47 01.6 +1.2
KMRZ Kaimai 1.19 249 P Pn 08 47 00.7 +0.2
KMRZ Sn 08 47 21.9 -0.5
RTZ Ruatahunu 1.22 194 P Pn 08 47 00.8 +0.1
RTZ Sn 08 47 20.7 +1.0
HSRZ Huastaka Road 1.24 225 P Pn 08 47 01.9 +1.0
CNGZ Carnagh Stat 1.25 147 P Pn 08 47 02.4 +1.5
HRRZ Handcock Road 1.27 221 P Pn 08 47 02.1 +0.8
PRRZ Plateau Road 1.31 215 P Pn 08 47 02.1 +0.6
RIMZ Rimuhau 1.31 166 P Pn 08 47 02.0 +0.7
GRRZ Galatos Road 1.34 227 P Pn 08 47 02.9 +1.1
SNGZ Shannon Stat 1.35 180 P Pn 08 47 02.6 +0.8
SNGZ Sn 08 47 24.7 -0.2
ALRZ Allen Road 1.38 215 P Pn 08 47 02.9 +0.8
WPRZ Whakapapatarin 1.41 217 P Pn 08 47 03.1 +1.0
MTHZ Maungataniwha 1.47 196 P Pn 08 47 03.5 +0.4
MTHZ Sn 08 47 26.8 -0.3
KUZ Kaoutunu 1.47 297 P Pn 08 47 01.9 -1.2
RAHZ Arai 1.50 188 P Pn 08 47 04.3 +1.0
RAHZ Sn 08 47 27.7 +0.3
TOHZ Taharoa Road 1.50 258 P Pn 08 47 04.9 +1.1
PRGZ Paritu Road 1.54 164 P Pn 08 47 04.9 +1.1
MRHZ Matea Rd 1.58 208 P Pn 08 47 04.6 +0.5
MRHZ Sn 08 47 28.2 -0.8
KUTZ Kaahu Road 1.60 228 P Pn 08 47 05.5 +1.2
KNHZ Kokohu 1.61 217 P Pn 08 47 05.9 +1.0
WHZ Whaihua 1.64 183 P Pn 08 47 06.0 +1.2
WHZ Sn 08 47 30.6 +0.5
WHZ Whakaora 1.65 221 P Pn 08 47 06.3 +1.4
TLZ Tolley Road 1.69 238 P Pn 08 47 06.3 +1.0
NMHZ Naumai 1.72 194 P Pn 08 47 06.8 +1.3
MHGZ Eden Park Peninsula 1.77 111 P Pn 08 47 11.7 +1.5
WATZ Wairoa 1.80 225 P Pn 08 47 07.6 +1.2
ARHZ Aroapanui 1.85 189 P Pn 08 47 08.1 +1.2
BKZ Black Stump Fm 1.86 201 P Pn 08 47 07.3 +0.3
WIHZ Waheke Island 1.88 289 P Pn 08 47 07.1 -0.1
RATZ Rangitukia 1.90 221 P Pn 08 47 08.9 +1.4
RATZ Sn 08 47 10.7 +1.5
RITZ Rihia Road 1.94 217 P Pn 08 47 09.0 +1.1
ETAZ East Tamaki Re 1.99 283 P Pn 08 47 08.8 +0.4
KATZ Kakarama 2.02 220 P Pn 08 47 09.6 +0.7
MBAZ Motutapu North 2.02 288 P Pn 08 47 09.5 +0.2
MBAZ Sn 08 47 10.2 +1.2
KWHZ Kaweka Forest 2.12 200 P Pn 08 47 10.4 +0.6
NTVZ North Tongariri 2.12 218 P Pn 08 47 11.1 +1.1
TMVZ Te Maari 2.12 217 P Pn 08 47 10.9 +0.9
ETVZ East Tongariri 2.13 217 P Pn 08 47 10.9 +0.7
KRVZ Karewarea 2.14 219 P Pn 08 47 11.4 +1.2
EPVZ Eden Park BICE 2.16 225 P Pn 08 47 10.7 +1.0
HBVZ Herne Bay Bore 2.17 285 P Pn 08 47 11.0 +0.5
NVVZ North Ngauruhoe 2.18 218 P Pn 08 47 11.7 +1.0
OTVZ Otutere 2.18 217 P Pn 08 47 11.5 +0.8
WTVZ West Tongariri 2.18 219 P Pn 08 47 11.3 +0.7
ABVZ Army Bay 2.18 232 P Pn 08 47 10.7 +0.2
AWVZ Awahiri 2.19 279 P Pn 08 47 11.4 +0.4
SNVZ South Ngauruhoe 2.21 217 P Pn 08 47 11.9 +0.8
NGVZ Ngauruhoe 2.22 218 P Pn 08 47 12.1 +1.0
TWVZ Taurewa 2.22 222 P Pn 08 47 11.9 +0.8
CKVZ Cape Kidnapper 2.23 285 P Pn 08 47 12.0 +0.9
HIVZ Huihuia 2.23 217 P Pn 08 47 12.3 +0.7
TUVZ Tupiko 2.27 216 P Pn 08 47 12.3 +0.7
BHVZ Black Hill Sta 2.29 206 P Pn 08 47 12.1 +0.2
FSVZ Far West T-bar 2.30 217 P Pn 08 47 12.8 +0.6
WVZ Whangape Hut 2.31 216 P Pn 08 47 12.8 +0.5
RVVZ Riverhead Bore 2.31 286 P Pn 08 47 12.3 +0.2
MCHZ Dome Shelter 2.32 217 P Pn 08 47 12.7 +1.5
MOVZ Moawhango 2.34 212 P Pn 08 47 12.4 0.0
KRHZ Kereru 2.34 199 P Pn 08 47 12.6 +0.2
WVNZ Wahianoa 2.34 216 P Pn 08 47 13.0 +0.4
TUVZ Turoa 2.34 217 P Pn 08 47 13.3 +0.7
KARHZ Kaharanaki 2.39 194 P Pn 08 47 13.9 +0.9
PKVZ Pekaia 2.40 220 P Pn 08 47 14.0 +0.6
MTVZ Mangateitei 2.44 217 P Pn 08 47 14.3 +0.6
PXZ Pawanui 2.62 188 P Pn 08 47 15.9 +0.3
PNHZ Pukenui 2.63 200 P Pn 08 47 16.0 +0.1
VRZ Vera Road 2.65 230 P Pn 08 47 18.4 +2.4
WHVZ Whakapapa Bore 2.72 195 P Pn 08 47 18.2 +0.2
TSZ Takapari Road 2.84 202 P Pn 08 47 18.2 -0.2
WCVZ Waipua Caves 2.84 301 P Pn 08 47 18.0 -0.3
PRHZ Porangahau 2.88 191 P Pn 08 47 19.1 +0.2
WVZ Wanganui 2.97 218 P Pn 08 47 20.7 +0.8
DVHZ Dannevirke 3.01 198 P Pn 08 47 19.9 -0.5
LREZ Lake Rotokare 3.08 228 P Pn 08 47 20.2 +0.9
ANVZ Angora Road 3.10 192 P Pn 08 47 21.5 +0.1
NEZ North Egmont 3.15 233 P Pn 08 47 24.8 +2.6
PKE Pukeiti 3.18 235 P Pn 08 47 24.7 +2.2
POVZ Post Office Roc 3.20 202 P Pn 08 47 22.5 -0.3
KHEZ Kaitake Hut 3.30 199 P Pn 08 47 25.8 +0.9
BRVZ Birch Farm 3.36 195 P Pn 08 47 23.2 -0.1
MRZ Mangatanioka R 3.51 203 P Pn 08 47 25.7 -0.9
TIWZ Tintock 3.53 198 P Pn 08 47 26.3 -0.6
CPVZ Castlepoint 3.58 194 P Pn 08 47 27.3 -0.3
HOWZ Howlands Sta 3.74 229 P Pn 08 47 28.5 -1.1
OUZ Ouhape 3.75 305 P Pn 08 47 29.5 -0.2
OGWZ Otaki Gorge 3.78 206 P Pn 08 47 29.1 -0.9
TMWZ Te Maipa 3.84 197 P Pn 08 47 30.0 -0.8
KIW Kapiti Island 3.91 208 P Pn 08 47 30.6 -1.2
MTW Mount Morrison 3.99 201 P Pn 08 47 31.3 -1.4
CAW Cannon Point 4.08 225 P Pn 08 47 31.9 -1.1
TRVZ Traveller 4.16 198 P Pn 08 47 33.9 -1.1
PAWZ Paruru Farm 4.21 200 P Pn 08 47 34.1 -1.6
DUVZ D'Urville Isla 4.29 217 P Pn 08 47 35.7 -1.0
MSWZ Moikau Station 4.30 202 P Pn 08 47 35.0 -1.7
BHW Baring Head 4.41 205 P Pn 08 47 36.4 -1.8
PLWZ Pallett's Pond 4.46 211 P Pn 08 47 36.2 -1.9
TCW Tory Channel 4.46 211 P Pn 08 47 36.9 -1.9
TUWZ Tuamarina 4.78 212 P Pn 08 47 41.1 -1.9
NVNZ Nelson 4.87 218 P Pn 08 47 42.7 -1.5
BSWZ Blackbirch Sta 5.05 211 P Pn 08 47 46.2 -0.2
ORVZ Quartz Range 5.05 217 P Pn 08 47 47.0 -0.3
THZ Topohue 5.05 217 P Pn 08 47 50.9 -1.8
KHZ Kahutara 5.77 209 P Pn 08 47 53.7 -2.2
DSZ Denniston Nort 6.07 223 P Pn 08 47 57.7 -2.3
GVZ Greta Valley S 6.44 210 P Pn 08 48 02.2 -2.5
LTZ Lake Taupo 6.61 215 P Pn 08 48 04.3 -2.7
OKVZ Okaini Bay 7.08 206 P Pn 08 48 10.6 -2.6
OXZ Oxford 7.15 213 P Pn 08 48 11.1 -3.0
MQZ McQueen's Vall 7.21 208 P Pn 08 48 11.4 -3.5
HMCZ Mount Hunt 7.52 214 P Pn 08 48 17.0 -2.1
TMHZ Timaru 8.44 213 P Pn 08 48 28.7 -2.5
ODVZ Otago Downs 9.12 212 P Pn 08 48 37.5 -2.7
HNR Honiara 32.01 326 LR LR 09 01 15.0

ASAR Alice Springs 39.51 278 P P 08 53 48.3 +1.9
WRA Warramunga Arr 41.7 219 P P 08 54 01.3 +1.4
ARC ARCES Array B 144.43 343 PKP PKP 08 55 47.2 +0.4
FINES FINES Array B 150.02 332 PKP PKP 09 06 03.1 +0.8

IDC 12 08:48:30.6:2.8,17.37S;174.36W,h132km,28km,mb3.5/6, mb1 3.8/7,mb1mx3.4/35,mbtmp4.0/7, Error ellipse: s-maj=42.2km s-min=18.7km az=141.0
ISC 12 08:48:32.0:0.9,17.2S;0.2:174.3W:0.3,h150km,n8, c174/8,mb3.7/6,Tonga Islands
Code Station Name Az AzZ Phase ID Time Res h m s ISC
AFI Afiamalu 4.09 37 P Pn 08 49 33.9 +0.3
AFI 22nm,0.3s,baz=209,slow=2.6,SNR=34 Sn Sn 08 50 18.8 -2.5
MSVZ Nonsavu 7.29 285 P Pn 08 50 22.1 +1.6
URZ Urewera 22.29 198 P Pn 08 53 15.1 -1.9
STKA 2.8nm,0.4s,baz=265,slow=2.5,SNR=7.2 P Pn 08 56 12.2 +0.5
Stephens Creek Arr 42.38 211 P Pn 08 56 12.2 +0.5

WRA Warramunga Arr 48.58 258 P P 08 56 59.9 -0.8
ASAR Alice Springs 48.72 253 P P 08 57 01.4 -0.3
TXAR Lailias Array 82.35 56 P P 09 00 38.4 +0.9
PDAR Pinedale Array 84.19 42 P P 09 00 48.6 +1.8

NEIC 12 08:54:40.8:1.1,35.750N;0.009:97.39W:0.01,h8km,3km, ML1.9/27, Error ellipse: s-maj=1.6km s-min=0.8km az=139.0, Oklahoma

Code Station Name Az AzZ Phase ID Time Res h m s ISC
OK029 Liberty Lake 0.07 310 Op ISC 08 54 44.7 -0.1
OK029 Pg 08 54 42.5 +0.3
OK029 IAML 08 54 44.6
901nm,0.1s IAML 08 54 42.6
699nm,0.1s IAML 08 54 44.4 0.0
OK025 Westminster Rd 0.17 166 Pg Pg 08 54 44.9 -0.1
BCOK Bluff Creek, N 0.20 243 Pg Pg 08 54 44.8 +0.6
BCOK IAML 08 54 50.9
comp=N,206nm,0.3s IAML 08 54 46.6 -0.5
OKCFA Oklahoma City 0.34 189 Pg Pg 08 54 52.4 +0.5
OKCFA Pg 08 54 47.6 0.0
OKCSW OKLAHOMA CITY 0.35 187 Pg Pg 08 54 52.7 +0.5
OKCSW Pg 08 54 50.0 0.0
OK031 S. Brethren Rd 0.49 65 Pg Pg 08 54 57.3 +0.5
OK031 Pg 08 54 57.6
comp=N,68nm,0.1s IAML 08 54 50.2 -0.2
FNO Franklin 0.49 181 Pg Pg 08 54 57.3 +0.5
FNO IAML 08 54 57.5
comp=N,79nm,0.3s IAML 08 54 57.7
FNO IAML 08 54 57.7
QUOK Quay 0.69 52 Pg Pg 08 55 04.1 -0.1
QUOK IAML 08 55 04.9
comp=E,32nm,0.1s IAML 08 55 07.2
QUOK IAML 08 55 07.2
comp=N,46nm,0.3s IAML 08 55 07.2
CROK Carrier 0.89 328 Pg Pg 08 55 07.6 -0.4
CROK Pg 08 55 13.3 -0.5
X3A4 Smith Ranch, M 1.20 198 IAML 08 55 21.6
X3A4 IAML 08 55 21.6
comp=E,15nm,1.0s IAML 08 55 21.9
X3A4 IAML 08 55 21.9
comp=N,15nm,0.5s IAML 08 55 04.4 -0.4
KAN13 South Haven SW 1.26 357 Pn Pn 08 55 05.5 -0.3
KAN17 Caldwell West 1.33 347 Pn Pn 08 55 25.6
comp=N,30nm,0.2s IAML 08 55 06.1 -0.1
T3SA Sooner Cattle 1.36 31 Pn Pn 08 55 08.4 -0.1
WMOK Wichita Mount 1.52 229 Pn Pn 08 55 09.5 -0.3
KAN08 Anthony Ne Sta 1.55 342 Pn Pn 08 55 09.5 -0.3

IDC 12 08:59:56.3:3.1,52.44N;35.42E,h0km,mb1 3.7/2, mb1mx3.1/34,mbtmp3.7/2,ML2.9/3, Error ellipse: s-maj=32.3km s-min=12.2km az=113.0, Baltic States-Belarus-Northwestern Russia

Code Station Name Az AzZ Phase ID Time Res h m s ISC
OBN Obninsk 2.77 14 Lg Lg 09 01 22.5
1.7nm,0.3s,baz=9.9,slow=22,SNR=11.1
AKASO Malin Aray Be 4.24 248 Pn Pn 09 00 59.6 -2.5
0.8nm,0.3s,baz=64,slow=15,SNR=18.3
1.9nm,0.3s,baz=70,slow=15,SNR=6.2
AKASG Sn Sn 09 01 51.1 -1.1
2.8nm,0.3s,baz=62,slow=21,SNR=2.7
AKASG Lg Lg 09 02 09.6
1.9nm,0.3s,baz=67,slow=30,SNR=6.7
I43RU DUBNA INFRASON 4.42 13 i Pn 09 28 20.0
baz=196,slow=311,SNR=4.5
BELG Belogor'skoye 7.47 86 Lg Lg 09 03 52.8
0.7nm,0.3s,baz=112,slow=22,SNR=4.1
FINES FINES Array B 10.36 334 Pn Pn 09 02 22.1 -3.8
0.2nm,0.3s,baz=148,slow=12,SNR=5.4
FINES Sn Sn 09 04 11.4 -1.1
0.3nm,0.3s,baz=160,slow=22,SNR=5.1
FINES Lg Lg 09 05 21.7
0.2nm,0.3s,baz=146,slow=33,SNR=4.2
I26DE FREYUNG INFRAS14.22 264 i Pn 10 23 10.0
baz=109,slow=317,SNR=1.4
ARC ARCES Array B 17.77 349 P Pn 09 04 04.2 -0.6
baz=160,slow=11,SNR=9.2

IDC 12 09:21:07.2:2.6,53.62N;87.82E,h0km,mb1 3.4/2, mb1mx3.1/42,mbtmp3.4/2,ML3.1/2, Error ellipse: s-maj=22.0km s-min=15.2km az=59.0
NVC 12 09:21:08.6:3.0,53.44N;87.88E,h6km,28km,mb3.5, mpv3.1, Error ellipse: s-maj=33.0km s-min=11.7km az=72.0, Suspected Mining explosion.

ISC 12 09:21:06.6:3.3,53.6N;1.0:87.8E:0.2,h0km,n8,c197/18,13, 9C-22, Southwestern Siberia

Code Station Name Az AzZ Phase ID Time Res h m s ISC
I46RU ZALESOV INFRA 1.82 282 i Op ISC 09 23 15.0
baz=99,slow=306,SNR=6.91
ZAAO Zalevov Array 1.82 282 i Pn Pg 09 21 40.5 -0.9
1.4nm,0.3s iSn Sg 09 22 06.8 +1.9
6.7nm,0.4s Sg 09 22 06.8 +1.9
ZALV Zalesov Beam 1.82 282 Pn Pn 09 21 39.4 -1.3
9.4nm,0.3s,baz=101,slow=16,SNR=30 Lg Lg 09 22 04.3
9.0nm,0.3s,baz=103,slow=26,SNR=14 Lg Lg 09 22 44.2 +1.2
KURBB Kurchatov Arra 6.47 246 Pn Pn 09 22 44.2 +1.2
0.3nm,0.3s,baz=63,slow=14,SNR=12 Sn Sn 09 23 57.0 -0.4
0.1nm,0.3s,baz=61,slow=25,SNR=1.4 Lg Lg 09 24 32.0
0.1nm,0.3s,baz=56,slow=29,SNR=4.0 Lg Lg 09 24 32.0
KURBB Kurchatov Arra 6.47 246 i Pn Pn 09 22 44.0 +1.0
2.1nm,0.4s iSn Sg 09 23 57.6 +0.2
3.5nm,0.5s iSn Sg 09 24 31.2
16nm,1.1s iSn Sg 09 23 01.5 +1.5
0.3nm,0.4s,baz=30,slow=13,SNR=32 iSn Sg 09 24 25.7 -2.2
MK31 Makanchi Array 7.70 210 i Pn Pn 09 23 01.5 +1.5
0.3nm,0.4s,baz=30,slow=13,SNR=32 iSn Sg 09 24 25.7 -2.2
MK31 6.7nm,0.4s Lg Lg 09 25 11.2
4.6nm,1.0s,baz=31,slow=29,SNR=4.0 Lg Lg 09 23 01.5 +1.5
MKAR Makanchi Array 7.70 210 Pn Pn 09 23 01.5 +1.5
0.4nm,0.3s,baz=26,slow=13,SNR=23 Sn Sn 09 24 28.7 +0.8
0.3nm,0.3s,baz=27,slow=23,SNR=2.9 Lg Lg 09 25 12.3
MAKZ Makanchi 7.78 211 i Pn Pn 09 23 03.2 +2.1
1.4nm,0.6s iSn Sg 09 24 27.0 -2.9
0.7nm,0.5s iSn Sg 09 25 17.0 -2.9
4.4nm,1.1s iSn Sg 09 25 17.0 -2.9

THR 12 09:31:34.5:0.3,39.87N;53.85E,h15km,ML4.0
IDC 12 09:31:34.2:1.7,39.66N;53.86E,h0km,mb3.2/3, mb1 3.6/6,mb1mx3.4/49,mbtmp3.6/6,ML3.5/3,MS2.2/1, Ms1 2.2/1,ms1mx1.9/32, Error ellipse: s-maj=27.5km s-min=13.0km az=18.0

TEH 12 09:31:35.7,39.69N;53.89E,h10km,ML3.9
ISC 12 09:31:37.9:0.8,39.91N;0.06:53.98E:0.05,h35km,n55, c1967/58,4C-1D,Turkmenistan

Code Station Name Az AzZ Phase ID Time Res h m s ISC
MRVT Maraveh tapeh 2.79 143 ePn Pn 09 32 09.9 +0.8
comp=N,557nm,0.3s IAML 09 32 55.1
MRVT IAML 09 32 55.2
comp=E,396nm,0.3s IAML 09 32 55.2
MRVT Maraveh tapeh 2.79 143 ePn Pn 09 32 20.9 +0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array A, ARCES ARCESS Array C, etc.

JMA 12 11:24:41.3:0.1,36.68h:139.33E,h8km,2km,M-0.2, Eastern Honshu. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

JMA 12 11:38:04.8,40:28N:142:22E,h41km,1km,M3.8 JMA Feil II J1. NIED 12 11:38:04.8,40:28N:142:22E,h41km,MW3.7,Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm^2...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JKEN Kujiedanarisaw, JKEN Tanohata, JTH Tanohata, etc.

IDC 12 12:04:51.2:28.0,29:99S:179.73W,h491km,331km, mb3.1/5,mb1.3,4/5,mb1mx3.1/28,mbtmp3.0/5,M5.3/4.1, Ms1.3/4.1,ms1mx2.9/8,Error ellipse: s-maj=126.2km, s-min=98.5km az=136.0.

IDC 12 12:04:39.3:2.7,30.0S:0.8,179.4W:0.3,h362km,n6, o544/5,mb3.5/5,Kermadec Islands region. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

MDD 12 12:21:25.0:2.6,36:74N:5:33E,h0km,mb4.3/6,Error ellipse: s-maj=4.5km,s-min=4.7km,az=49.0,PRXIMO CRAAG 12 12:21:26.7,36:51N:5:46E,M3.4 LDG 12 12:21:31.0:2.4,36:80N:5:29E,h30km,M3.1/7,Error ellipse: s-maj=7.7km,s-min=4.2km,az=133.0.

IDC 12 12:21:26.9:0.9,36:65N:0.04:5:48E:0.04,h10km,n52, e207/63,Northern Algeria. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAHO Mahon, MAHO MAHO, MAHO MAHO, ETOS Mallorca, etc.

BUC 12 12:24:48.6:0.1,46:02N:22:83E,h7km,1km,m1.9/10, Error ellipse: s-maj=1.3km,s-min=1.1km,az=116.0. BEO 12 12:24:49.4:0.4,46:04N:22:82E,h0km,ML1.9/7. IDC 12 12:24:48.5:1.1,46:03N:0.02:22:82E:0.02,h4km,gkm,n31,o080/50,28C-4D,Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DEV Deva, DEV Deva, DEV Deva, Gura Zlata, etc.

GRUS ZAPS Zavoj, 2.75 183 eSn Sn, 12 26 05.1 +1.7, 12 26 35.0 +1.6, 12 26 09.7 -2.6

IDC 12 12:40:23.3:4.4,22:46N:144:19E,h0km,mb3.5/3, mb1.3/7.3,mb1mx3.3/43,mbtmp3.5/3,M5.3/8.1,Ms1.3/7.1, ms1mx2.4/42,Error ellipse: s-maj=280.0km s-min=35.1km az=88.0,Volcano Islands region

Code Station Name Az Az' Phase ID Time Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

BGR 12 12:50:38.9:0.0,18:30S:176:85W,h415km,5km MOS 12 12:50:42.5:0.8,16:36S:177:44W,h408km,mb5.0/58, Error ellipse: s-maj=9.4km,s-min=6.4km,az=62.4. IDC 12 12:50:42.9:1.1,16:43S:177:45W,h406km,10km, mb4.4/30,mb1.4/5.32,mb1mx4.5/41,mbtmp5.2/32,Error ellipse: s-maj=12.0km,s-min=8.4km,az=147.0.

NEIC 12 12:50:43.4:1.9,16:54S:0.09:177:25W:0.08, h409km,5km,mb5.2/385,Error ellipse: s-maj=14.3km s-min=10.6km az=150.0. NOU 12 12:50:43.3,16:48S:177:16W,h434km,MLv6.2/56,Fiji Islands Region

Code Station Name Az Az' Phase ID Time Res. Includes stations like MSVF Nonsavu, MSVF Nonsavu, MSVF Nonsavu, etc.

ISIC 12 12:50:43.3:0.4,16:49S:0.04:177:26W:0.04, h415km,3km,h415km:PP-P,n1126,+112/1156,mb5.1/268, 302C-67D,Fault plane solution: NP1:phi=1.9996°, delta,0.7162°,lambda,125.87468°. NP2:phi,182.60771°,delta,96.96209°, lambda,69.17597°. Principal axes: T P1g62.0379, Azm69.1881°, N P1g14.3474°, Azm187.9605°, P P1g23.4840°, N P1g284.3410°. Fiji Islands region

Code Station Name Az Az' Phase ID Time Res. Includes stations like MSVF Nonsavu, MSVF Nonsavu, MSVF Nonsavu, etc.

DZM Mont Dzumac, 16.36 248 eP P, 12 54 09.4 -0.6. DZM Mont Dzumac, 16.36 248 P P, 12 54 08.8 -1.2. DZM Mont Dzumac, 16.36 248 P P, 12 54 13.6.

Code Station Name Az Az' Phase ID Time Res. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

Code Station Name Az Az' Phase ID Time Res. Includes stations like HNR Honiara, XMAS Kiritimati, XMAS Kiritimati, etc.

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like KHLU Kahalu'u, HUH Hualalai, MLOA Mauna Loa Obse, etc.

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like PET Petropavlovsk, PET Petropavlovsk, PET Petropavlovsk, etc.

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like N02D Trinity Center, SFX San Felipe, PFO Pinyon Flats O, etc.

623

TPNV	Topopah Spring	78.25	46	P	P	13 02 00.4 +1.4
TPNV	Topopah Spring	78.25	46	P	I Amb	13 02 00.4 +1.4 13 02 01.5
214A	Organ Pipe Nat	78.27	52	P	P	13 02 01.0 +1.9
214A	Organ Pipe Nat	78.27	52	P	I Amb	13 02 01.0 +1.9
214A	Organ Pipe Nat	78.27	52	P	P	13 02 00.9 +1.8
NEE2	Needles Airpor	78.29	48	P	P	13 02 00.4 +1.3
MOD	Modoc Plateau	78.30	40	P	I Amb	13 02 00.3 +1.1 13 02 01.0
GRNR	Gornyy	78.30	332	P	P	13 01 59.3 +0.5
GRNR	Gornyy	78.30	332	P	I Amb	13 01 59.3 +0.5
P19K	Oil Pt	78.35	12	P	P	13 01 58.9 +0.1
HSIG	HSIG	78.37	55	P	I Amb	13 02 00.6 +0.9 13 02 02.1
H04D	Lebanon	78.39	36	P	P	13 02 00.7 +1.3
K05A	Summer Lake	78.41	39	P	P	13 02 01.5 +1.7
PDMCA	Parker Dam,Lak	78.41	49	P	P	13 02 01.3 +1.6
G03D	McMinnville, O	78.51	36	P	P	13 02 01.5 +1.5
J05D	Fort Rock, OR	78.53	38	P	P	13 02 02.0 +1.6
CNPD	China Foot	78.65	13	P	P	13 02 00.8 +0.3
HOM	Homer	78.69	13	P	P	13 02 03.2 +2.6
SHPR	Sheep Range	78.77	47	P	P	13 02 03.5 +1.6
N16K	Kilae Creek	78.80	11	P	P	13 02 01.1 -0.1
H04A	Detroit Lake	78.80	37	P	P	13 02 02.4 +0.7
O20K	Slope Mountain	78.87	12	P	P	13 02 01.7 -0.0
BRBK	Bradley Lake	78.95	13	P	P	13 02 02.3 +0.2
BRLE	Bradley Lake S	78.96	13	P	P	13 02 02.4 +0.3
W13A	Hualapai Mount	78.98	48	P	P	13 02 04.6 +1.5
PINE	Pine Mountain	79.00	38	P	P	13 02 04.5 +1.5
Y14A	Wickenburg	79.06	50	P	I Amb	13 02 05.0 +1.6 13 02 06.1
Y14A	Wickenburg	79.06	50	P	I Amb	13 02 06.1
I05D	Terrebonne, OR	79.09	37	P	P	13 02 04.4 +1.2
E03A	Lebanon	79.17	34	P	P	13 02 04.6 +1.2
F04D	Rainier, OR	79.18	35	P	P	13 02 05.1 +1.5
R05D	Redoubt South	79.19	12	P	P	13 02 03.1 -0.4
SVW2	Sparrevohn	79.25	11	P	P	13 02 03.4 -0.2
PRN	Painco Range	79.30	46	P	I Amb	13 02 06.4 +0.7 13 02 07.6
PRN	Painco Range	79.30	46	P	I Amb	13 02 07.6
DIB	Dawson Inlet,	79.38	26	P	I Amb	13 02 05.2 +0.8 13 02 07.3
DIB	Dawson Inlet,	79.38	26	P	I Amb	13 02 05.2 +0.8 13 02 07.3
R11A	Troy Canyon, C	79.42	45	P	P	13 02 06.3 +1.0
F04A	Amboy	79.42	35	P	P	13 02 05.7 +0.8
BMN	Battle Mountai	79.42	42	P	P	13 02 06.5 +1.2
BMN	Battle Mountai	79.42	42	P	P	13 02 06.5 +1.2
BMN	Battle Mountai	79.42	42	P	I Amb	13 02 06.5 +1.2
KLR	Kul'dur	79.47	329	P	P	13 02 05.2 +0.1
KLR	Kul'dur	79.47	329	P	P	13 02 05.2 +0.1
KLR	Kul'dur	79.47	329	P	P	13 02 05.4 +0.4
NLWA	Neilton Lookou	79.53	34	P	P	13 02 06.8 +1.4
NLWA	Neilton Lookou	79.53	34	P	I Amb	13 02 08.1
SEW	Seward	79.57	14	P	P	13 02 05.2 -0.1 13 02 06.3
SEW	Seward	79.57	14	P	I Amb	13 02 05.2 -0.1 13 02 06.3
SEW	Seward	79.57	14	P	P	13 02 05.2 -0.1
CN2	Changchun	79.59	322	eS	S	13 02 06.4 +0.6 13 11 32.8 +0.2
CN2	Changchun	79.59	322	eS	S	13 02 06.4 +0.6 13 11 32.8 +0.2
CN2	Changchun	79.59	322	eS	S	13 02 06.4 +0.6 13 11 32.8 +0.2
WVOR	Wild Horse Val	79.62	40	P	P	13 02 07.5 +1.3
WVOR	Wild Horse Val	79.62	40	P	P	13 02 07.5 +1.3
WVOR	Wild Horse Val	79.62	40	P	I Amb	13 02 07.5 +1.3 13 02 08.7
G05D	Wamic, OR	79.63	37	P	P	13 02 07.1 +1.0
E04D	Cinebar	79.72	35	P	P	13 02 07.9 +1.5
CAPN	Captain Cook N	79.80	13	P	P	13 02 07.2 +0.7
O22K	Cooper Landing	79.85	13	P	P	13 02 07.2 +0.4
O22K	Cooper Landing	79.85	13	P	I Amb	13 02 18.7
O22K	Cooper Landing	79.85	13	P	P	13 02 06.8 0.0
QIZ	Qiongzong	79.90	293	S	S	13 02 09.1 +1.1 13 11 39.6 +2.8 13 12 23.1 +2.6
QIZ	Qiongzong	79.90	293	S	S	13 02 09.1 +1.1 13 11 39.6 +2.8 13 12 23.1 +2.6
F05D	White Salmon	79.93	36	P	P	13 02 08.6 +1.0
TUC	Tucson	79.96	52	P	P	13 02 10.4 +2.2
TUC	Tucson	79.96	52	P	P	13 02 10.4 +2.2
D04E	Lakebay	79.98	34	P	P	13 02 09.6 +1.8
SPU	Mount Spurr	79.99	12	P	P	13 02 06.9 -0.7
I07A	Izze	80.02	38	P	P	13 02 09.7 +1.4 13 02 10.8
I07A	Izze	80.02	38	P	I Amb	13 02 09.7 +1.4 13 02 10.8
D03D	Eldon	80.03	34	P	P	13 02 09.4 +1.3
GAMB	Gambell	80.12	3	P	P	13 02 06.8 -1.3
MA2	Magadan	80.13	344	P	P	13 02 07.4 -0.9
MA2	Magadan	80.13	344	P	P	13 02 07.4 -0.9
MA2	Magadan	80.13	344	P	P	13 02 08.2 -0.1
MA2	Magadan	80.13	344	P	I Amb	13 02 07.7 -0.6 13 02 08.7
J08A	Circle Bar Ran	80.23	39	P	P	13 02 10.9 +1.5
J08A	Circle Bar Ran	80.23	39	P	I Amb	13 02 11.9
LOH	Longmire	80.25	35	P	P	13 02 10.0 +0.7
LOH	Longmire	80.25	35	P	P	13 02 10.0 +0.7
LOH	Longmire	80.25	35	P	P	13 02 10.0 +0.7
LCMT	Little Creek M	80.36	47	P	P	13 02 11.8 +1.5
L19K	White Mountai	80.39	10	P	P	13 02 09.9 +0.3
RC01	Rabbit Creek A	80.39	13	P	P	13 02 09.5 -0.2
RC01	Rabbit Creek A	80.39	13	P	I Amb	13 02 10.8
RC01	Rabbit Creek A	80.39	13	P	P	13 02 09.5 -0.2
D05A	Enunclaw	80.41	35	P	P	13 02 11.8 +1.7
X16A	Lo Mia Camp, P	80.43	50	P	P	13 02 12.7 +1.9 13 02 14.0
X16A	Lo Mia Camp, P	80.43	50	P	I Amb	13 02 12.7 +1.9 13 02 14.0
PWL	Port Wells	80.50	14	P	P	13 02 10.1 -0.2
SUA	Susitna One	80.51	13	P	P	13 02 10.1 -0.4
SUA	Susitna One	80.51	13	P	P	13 02 10.1 -0.4
PGC	Sidney	80.53	33	P	P	13 02 11.7 +1.0
PGC	Sidney	80.53	33	P	I Amb	13 02 12.8
HIN	Hinchinbrook I	80.53	15	P	P	13 02 10.7 +0.3
HIN	Hinchinbrook I	80.53	15	P	I Amb	13 02 11.5
CCUT	Cedar City	80.54	46	P	P	13 02 12.8 +1.5

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SPR3	Spring Creek 3	80.59	45	P	P	13 02 12.5 +0.8 13 02 13.8
SPR3	Spring Creek 3	80.59	45	P	I Amb	13 02 12.5 +0.8 13 02 13.8
KNB	Kanab	80.66	47	P	P	13 02 13.6 +1.7
KNB	Kanab	80.66	47	P	I Amb	13 02 13.6 +1.7
KNB	Kanab	80.66	47	P	P	13 02 13.6 +1.7
KAIM	Kayak Island	80.66	16	P	P	13 02 11.7 +0.7
KAIM	Kayak Island	80.66	16	P	P	13 02 11.7 +0.7
PSUT	Pine Spring	80.68	45	P	P	13 02 13.2 +1.2
319A	Douglas	80.70	53	P	P	13 02 14.6 +2.4
SZCU	Shurtz Canyon	80.75	46	P	P	13 02 14.2 +1.7 13 02 15.4
SZCU	Shurtz Canyon	80.75	46	P	I Amb	13 02 14.2 +1.7 13 02 15.4
U15A	North Rim	80.75	48	P	P	13 02 14.4 +1.9 13 02 15.7
U15A	North Rim	80.75	48	P	I Amb	13 02 14.4 +1.9 13 02 15.7
CRAG	Craig	80.78	24	P	P	13 02 12.9 +1.1
F07A	Phinny Hill Vi	80.80	37	P	P	13 02 13.3 +1.1 13 02 14.4
F07A	Phinny Hill Vi	80.80	37	P	I Amb	13 02 13.3 +1.1 13 02 14.4
GLI	Glacier Island	80.81	14	P	P	13 02 11.4 -0.5 13 02 11.6 -0.2
GLI	Glacier Island	80.81	14	P	P	13 02 11.4 -0.5 13 02 11.6 -0.2
SKT	Skwentna	80.82	12	P	P	13 02 10.8 -1.1
SKT	Skwentna	80.82	12	P	P	13 02 10.6 -1.3
EYAK	Cordova Ski Ar	80.85	15	P	P	13 02 12.1 0.0
EYAK	Cordova Ski Ar	80.85	15	P	I Amb	13 02 13.2
EYAK	Cordova Ski Ar	80.85	15	P	P	13 02 11.9 -0.1
ELK	Elko	80.87	43	P	P	13 02 14.0 +1.0
ELK	Elko	80.87	43	P	P	13 02 14.0 +1.0
ELK	Elko	80.87	43	P	I Amb	13 02 14.0 +1.0 13 02 15.4
A04D	Lummi Island	80.96	33	P	P	13 02 14.2 +1.3
KNK	Knik Glacier	80.96	14	P	P	13 02 12.7 +0.1 13 02 13.8
KNK	Knik Glacier	80.96	14	P	I Amb	13 02 12.7 +0.1 13 02 13.8
KNK	Knik Glacier	80.96	14	P	P	13 02 12.5 -0.2
PMR	Palmer	80.97	13	P	P	13 02 12.5 -0.2
PMR	Palmer	80.97	13	P	P	13 02 12.5 -0.2
PMR	Palmer	80.97	13	P	I Amb	13 02 12.5 -0.2 13 02 13.7
PMR	Palmer	80.97	13	P	P	13 02 12.5 -0.2
RAGM	Ragged Mountai	80.99	16	P	P	13 02 13.0 +0.2 13 02 14.3
RAGM	Ragged Mountai	80.99	16	P	I Amb	13 02 13.0 +0.2 13 02 14.3
WUAZ	Wupatki	80.99	49	P	P	13 02 15.4 +1.8 13 02 16.8
WUAZ	Wupatki	80.99	49	P	I Amb	13 02 15.4 +1.8 13 02 16.8
B05A	Bryant	81.00	34	P	P	13 02 14.3 +1.1
G08A	Pilot Rock	81.02	37	P	P	13 02 14.4 +1.0
LTY	Liberty	81.18	35	P	P	13 02 14.9 +0.7 13 02 16.2
GHO	Glory Hole Cre	81.18	13	P	P	13 02 13.8 -1.1
E07A	Sunnyside	81.23	36	P	P	13 02 15.5 +1.1 13 02 16.8
E07A	Sunnyside	81.23	36	P	I Amb	13 02 15.5 +1.1 13 02 16.8
BERG	Berg Lake	81.25	16	P	P	13 02 14.4 +0.2 13 02 15.1
BERG	Berg Lake	81.25	16	P	I Amb	13 02 14.4 +0.2 13 02 15.1
ANM	Nome	81.31	5	P	P	13 02 13.9 -0.5
HAWA	Hanford	81.31	36	P	P	13 02 16.1 +1.2 13 02 17.2
HAWA	Hanford	81.31	36	P	I Amb	13 02 16.1 +1.2 13 02 17.2
SML	Sawmill	81.34	13	P	P	13 02 14.3 -0.4
SML	Sawmill	81.34	13	P	I Amb	13 02 14.3 -0.4
SML	Sawmill	81.34	13	P	P	13 02 14.3 -0.4
DIV	Divide	81.35	15	P	P	13 02 14.8 0.0
C06D	Leavenworth	81.45	34	P	P	13 02 15.9 +0.4
A05A	Maple Falls	81.45	33	P	P	13 02 15.7 -0.2
CUT	Chulitna	81.46	12	P	P	13 02 14.9 -0.3
CUT	Chulitna	81.46	12	P		

12d 12h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio (SNR). Includes stations like WRH Wood River Hill, MVCO Mesa Verde, BCIY Bear Canyon, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio (SNR). Includes stations like BILL Bilibino, LRRM Limekiln Ridge, MVCO Mesa Verde, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio (SNR). Includes stations like LAO, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

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

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

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

12d 13h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes stations like URLA Izmir, GCAM G?zelcam?, SKO Skopje, SENIN Lac Senin/Sane, etc.

MAN 12 13:09:07.3, 12.59N; 126.11E, h2km, mb5.0, ML4.0, MS4.0
IDC 12 13:09:12.8; 3.4, 12.02N; 125.00E, h0km, ML3.4/3,
mb1 3.6/3, mb1mx3.3/4, mbtmpp3.4/3, Error ellipse:
s-maj=273.6km s-min=26.4km az=64.0

ISC 12 13:09:16.6; 1.4, 12.39N; 0.09; 125.8E; 0.2, h35km, n13,
o=64677, mb3.4/3, 1C-1D, Samar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes stations like LLL Lapu-Lapu, RLP Roxas, JCNP Jose Panganiban, etc.

NEIC 12 13:19:48.5; 2.1, 23.99S; 0.07; 65.42W; 0.07, h10km, 1km,
mb4.5/13, Md4.1(SJA), Error ellipse: s-maj=11.7km
s-min=10.3km az=166.0

SJA 12 13:19:48.6; 0.7, 23.85S; 65.35W, h20km, 3km, ML4.4,
MW4.4
IDC 12 13:19:53.4; 2.5, 23.87S; 65.59W, h44km, 20km, mb3.7/8,
mb1 3.9/12, mb1mx3.8/21, mbtmpp3.9/12, ML4.2/3, MS3.6/4,
s-min=19.4km az=129.0

VAO 12 13:19:53.6; 0.7, 23.90S; 65.08W, h2km, mb4.3
ISC 12 13:19:52.0; 0.5, 23.88S; 0.04; 65.47W; 0.06, h35km, n17,
o=15641/19, mb4.3/4, Juyuy Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes stations like HJA Humahuaca, SLA San Lorenzo, YJA Yavi, etc.

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Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes stations like ACDD Cuesta del Vie, ACCV Cerro Coronel, CPUP Villa Florida, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes stations like QUOK Sooner Cattle, T35A Liberty Lake, B30K Bluff Creek, etc.

IDC 12 13:40:36.0; 1.4, 14.14N; 144.48E, h98km, 17km, mb3.0/4,
mb1 3.3/4, mb1mx3.0/30, mbtmpp3.4/4, MS3.4/1, M1 3.4/1,
ms1mx2.7/8, Error ellipse: s-maj=61.5km s-min=23.5km
az=97.0

NEIC 12 13:40:37.1; 1.4, 14.11N; 0.09; 144.3E; 0.1, h98km, 7km,
mb4.3/11, Error ellipse: s-maj=15.8km s-min=11.8km
az=125.0

ISC 12 13:40:36.3; 0.8, 14.11N; 0.1; 144.3E; 0.2, h100km, n24,
o=882/16, mb3.9/9, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes stations like GUMO Guam, W00 Warramunga Arr, W10 WAKE ISLAND Hy, etc.

TUL 12 13:49:56.3; 0.4, 36.28N; 0.01; 97.51W; 0.02, h7km, 7km,
ML2.8, mb1, LQ2.735(NEIC), Error ellipse: s-maj=2.0km
s-min=1.4km az=50.0

NEIC 12 13:49:56.1; 0.5, 36.286N; 0.009; 97.51W; 0.02, h5km, 9km,
Error ellipse: s-maj=2.1km s-min=0.5km az=56.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s ISC. Includes stations like CROK Carrier, OK029 Liberty Lake, B30K Blackwell, etc.

Table with columns: WHAR, P38A, R40A, KSCO, MSTX, LCAR, CCM, P40A, T25A, N38A, PBMO, OGNE, K22A. Includes station names, codes, and coordinates.

JMA 12 13:51:30.0, 3.0, 2.4, 81N, 122.48E, h0km, M1.7
TAP 12 13:51:30.2, 24.83N, 122.49E, h17km, ML2.9, 3
ISC 12 13:51:30.4, 1.1, 24.82N, 122.48E, 0.03, h8km, 11km, n23, c056/45, Taiwan region

Main table for 627 page with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Yonagunijimaku, Toucheng, Yonaguni jima, Suao, etc.

IDC 12 13:55:16.2, 3.5, 11.16S, 167.09E, h0km, mb3.7/5, mb1.3/9.5, mb1mx3.6/25, mbtmp3.6/5, MS3.3/5, Ms1.3/3.5, ms1mx2.9/26, Error ellipse: s-maj=129.1, km s-min=33.4km az=138.0, Santa Cruz Islands

Table for Santa Cruz Islands with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Honiara, Nonsavu, Port Moresby, etc.

TUL 12 14:11:51.7, 0.8, 36.50N, 0.04, 99.04W, 0.05, h6km, 7km, ML2.9, mb, Lg2.8/52(NEIC), Error ellipse: s-maj=5.3km s-min=5.1km az=146.0

Table for Oklahoma with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Winter Ranch, Salt Plains WL, etc.

Main table for 2015 AUG page with columns: KAN17, KAN12, KAN13, KS20, BCOK, OK02, OK025, OKCFA, OKCSW, WMOK, FNO, OK031, QUOK, R32A, T35A, X34A, CBKS, AMTX, LOOK, U38A, KSCO, ABTX, W39A, S39A, MIAR, U40A, X40A, MGMO, 435B, ISCO, N38A, P40A, T42A, CCM, PBMO, PHWY, MVCO, PV11, L40A, JFWS. Includes station names, codes, and coordinates.

NOU 12 14:18:32.4, 14.82S, 167.07E, h45km, ML4.1/1.1, Vanuatu Islands, Vanuatu Islands

Table for Vanuatu Islands with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Sarauoutou, Devils Point, Koumac, etc.

TAP 12 15:24:40.3, 22.78N, 120.92E, h10km, 2km, ML0.9, 2C, B, Taiwan

Main table for Taiwan with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Pinlang, Beinan, Taimali, etc.

TAP 12 15:24:43.7, 22.75N, 120.92E, h7km, 2km, ML0.9, 1C, C, Taiwan

Main table for Taiwan (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Pinlang, Beinan, Taimali, etc.

Table with columns: MASBT, SLGT, EDH, EDH, FULB. Includes station names, codes, and coordinates.

NEIC 12 15:29:20.5, 1.5, 56.08S, 0.10, 27.7W, 0.2, h12km, 5km, mb4.7/43, Error ellipse: s-maj=14.7km s-min=13.0km az=202.0

IDC 12 15:29:22.0, 1.9, 56.05S, 27.56W, h12km, 15km, mb4.2/9, mb1.4/3.1, mb1mx4.1/24, mbtmp4.7/11, MS3.5/4, Ms1.3/4.4, ms1mx3.0/22, Error ellipse: s-maj=19.0km s-min=13.7km az=67.0

ISC 12 15:29:21.2, 1.3, 56.08S, 0.07, 27.67W, 0.08, h12km, 1.1km, n82, s1905/88, mb4.6/25, 1C, South Sandwich Islands region

Main table for 12d 15h page with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Hope Point, Neumayer-Stat, Neumayer Olymp, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TORD, NNZ, HIZ, STKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like HSN1, FUSS, LIOB, etc.

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

JMA 12 15:31:02.70, 1.24, 81N, 121.96E, h113km, 2km, M2.1
TAP 12 15:31:03.5, 24.86N, 121.99E, h108km, 1.8L, 3.0B
ISC 12 15:31:03.5, 1.3, 24.84N, 122.00E, 0.03, h109km, 6km,

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like NTC, ILA, TWC, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like YOM, YOJ, YOY, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JIJ, WSF, WTP, etc.

IDC 12 15:34:33.6; 7.8, 38.91N; 117.58E, h0'km, mb1 3.3/2,
mb1mx3.1/40, mbtmp3.3/2, ML3.1/2, Error ellipse:
s-maj=196.4km s-min=38.9km az=30.0, Northeastern
China

SNET 12 15:44:26.8; 1.4, 14.23N; 91.10W, h95km, 48km, ML3.9
UCR 12 15:44:27.3; 1.4, 14.24N; 91.09W, h91km, 48km, ML3.8,
mb4.30(VEIC)
GCG 12 15:44:28.7; 5.8, 14.84N; 90.98W, h86km, MD4.4
NEIC 12 15:44:30.4; 2.7, 14.13N; 91.10W, h92km, 6km,
mb4.3/106, Error ellipse: s-maj=16.0km s-min=8.9km
az=21.0
IDC 12 15:44:37.9; 2.5, 14.37N; 90.82W, h161km, 23km, mb3.7/8,
mb1 3.9/10, mb1mx3.6/39, mbtmp4.1/10, MS3.3/20,
Ms1 3.3/20, ms1mx3.2/36, Error ellipse: s-maj=37.3km
s-min=15.3km az=50.0
ISC 12 15:44:29.0; 0.9, 14.13N; 0.008; 9.12W; 0.07, h83km, 6km,
n173, 0.1970/163, mb4.4/49, 2D, Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like FUG Fuego 3, PACAYA Pacaya, SLOZ Alcaldia de Sa, etc.

Table with columns: comp, Z, 13nm, 0.8, KMSC Kings Mountain, etc. Includes stations like KMSC Kings Mountain, AMTX Amarillo, MGMO Mountain Grove, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like NIKH Nikolski High, ATKA Atka Island, ADK Adak, etc.

IDC 12 15:58:51.1, 1.1, 36.20N; 222E, h0km, mb3.7/9, mb1 3.7/10, mb1mx3.5/68, mbtmp3.7/10, ML2.8/1, MS2.8/2, Ms1 2.8/2, ms1mx2.3/37, Error ellipse: s-maj=23.9km s-min=19.0km az=22.0

ISC 12 15:58:52.8, 35.77N; 22.04E, h8km, ML3.4/7 THE 12 15:58:55.4, 35.83N; 22.12E, h16km, ML3.5/9, Error ellipse: s-maj=2.5km s-min=0.9km az=215.0

ISC 14 15:58:53.2, 1.7, 35.80N; 005.22E, 0.05, h13km, 10km, N14, +1841/53, mb3.9/8, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like KTHR Kythira, KTHA Kythira Island, ANKY Antikythira Is, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes stations like ETLH, ECS, CHSHANG, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes stations like SLGT, SGST, CHN1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, etc. Includes stations like Azm318.0000, BUI 12:18:19.6, etc.

12d 18h

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Table with columns: Station Name, Date, Time, Status, and Value. Includes stations like RDOG Red Dog Mine, CHUM Lake Minchumin, HIN Hinchbrook I, etc.

Table with columns: Station Name, Date, Time, Status, and Value. Includes stations like WRH comp=Z,21nm,1.0s, MESA comp=Z,2um,19.0s, ISLE Juniper Island, etc.

Table with columns: Station Name, Date, Time, Status, and Value. Includes stations like MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, etc.

Table with columns: BRG, Berggishubel, 129.01 331, ePKPdf, PKIKP, 18 38 26.3 +0.8. Includes various station codes and coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station codes like WRA, TOR, and various coordinates.

Table with columns: KWAJ, comp=Z, 2.0m, 1.1s, pmax, pmax. Includes station codes like KWAJ, KWAJ, QIS and various coordinates.

IDC 12 18:27:23.9-4.0, 9.17S:156.86E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.5/31, mbtmp3.7/3 Error ellipse: s-maj=116.2km s-min=44.4km az=122.0,

Bougainville-Solomon Islands region

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

IDC 12 18:27:23.9-4.0, 9.17S:156.86E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.5/31, mbtmp3.7/3 Error ellipse: s-maj=116.2km s-min=44.4km az=122.0,

Bougainville-Solomon Islands region

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

IDC 12 18:38:17.2-4.5, 8.94S:156.74E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/24, mbtmp3.4/3, Error ellipse: s-maj=130.3km s-min=45.6km az=121.0,

Bougainville-Solomon Islands region

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

IDC 12 18:38:17.2-4.5, 8.94S:156.74E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/24, mbtmp3.4/3, Error ellipse: s-maj=130.3km s-min=45.6km az=121.0,

Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station codes like WRA, ASAR, MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station codes like WRA, ASAR, MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station codes like WRA, ASAR, MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station codes like WRA, ASAR, MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station codes like WRA, ASAR, MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station codes like WRA, ASAR, MKAR.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like MSAL Masohi, OUZ Omahuta, KRAI Karang Ratu, etc.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like WHZ Wether Hill Ro, PYZ Puysegur Point, BNSI Bone, etc.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like YOJ Yonaguni jima, TWG Waduk Cacaban, YULB Yu-li, etc.

12d 18h

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Table with columns for station name, frequency, and signal strength. Includes stations like KHU, KAHU, HUALAI, ENIWO, LAHAT, YUZH-KURIL'SK, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like WHN, WUHAN, YUZH-SAKHALINS, PADANG PANJANG, USSURIYSK ARR, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like SURA, SURATHANI, ENH, GSI, KRAB, SLVN, GUIYANG, NUKU HIVA ISLA, etc.

PKIN	baz=229 Phulchoki	79.01 300	eP	P	19 01 28.3	-1.0
SVWZ	Sparrevohn	79.10 21	P	IAMS_20	19 01 29.4	+0.7
SVWZ	comp=Z,215nm,0.7s				19 31 00.0	
KKN	Kakani	79.17 301	eP	P	19 01 29.5	-0.6
O20K	Slope Mountain	79.52 23	P	P	19 01 31.2	+0.2
O20K	baz=230,SNR=7.4				19 11 28.1	-4.2
HOM	Hom	79.63 23	P	P	19 01 32.8	+1.3
HOM	Hom	79.63 23	P	P	19 01 31.2	-0.3
HOM	baz=231,SNR=7.8				19 11 32.5	-0.8
CNPM	China Poot	79.70 24	P	IAMB	19 01 32.5	+0.5
CNPM	comp=Z,295nm,1.1s				19 01 36.1	
RSO	Redoubt South	79.72 22	P	P	19 01 33.1	+0.8
GKN	Gorkh	79.78 301	eP	P	19 01 32.6	-0.7
BRLLK	Bradley Lake	79.99 24	P	IAMB	19 01 34.2	+0.6
BRLLK	comp=Z,136nm,1.0s				19 01 37.4	
BRLLK	comp=Z,28um,19.0s				19 33 53.6	
BRSE	Bradley Lake S	80.03 24	P	P	19 01 33.8	0.0
BRSE	baz=231,SNR=13				19 11 36.4	-1.4
M19K	Big River Lodg	80.07 21	P	P	19 01 34.8	+0.9
M19K	baz=228				19 11 38.3	+0.2
L19K	White Mountain	80.10 20	S	S	19 01 35.1	+1.0
L19K	baz=227				19 11 39.0	+0.6
TTA	Tatalina	80.22 20	P	P	19 01 35.9	+1.1
TTA	comp=Z,126nm,0.9s				19 01 39.0	
TTA	Tatalina	80.22 20	P	IAMB	19 01 35.9	+1.1
TTA	comp=Z,126nm,0.9s				19 01 34.8	0.0
TTA	Tatalina	80.22 20	P	P	19 01 34.8	0.0
TTA	baz=226				19 11 40.2	+0.5
CAPN	Captain Cook N	80.52 23	P	P	19 01 36.4	+0.2
CAPN	Captain Cook N	80.52 23	P	P	19 01 37.1	+0.9
CAPN	baz=231				19 11 41.2	-1.5
KOLN	Koldanda	80.60 300	eP	P	19 01 36.8	-1.0
DANN	Dangsing	80.62 301	eP	P	19 01 37.2	-0.8
QSPA	South Pole Qui	80.68 180	P	IAMB	19 01 36.5	-0.9
QSPA	comp=Z,295nm,1.3s				19 02 00.9	
QSPA	South Pole Qui	80.68 180	IAMS_20	IAMS_20	19 32 43.9	
SEW	Seward	80.77 24	P	IAMB	19 01 37.5	-0.1
SEW	comp=Z,182nm,1.1s				19 01 44.8	
SEW	Seward	80.77 24	P	IAMS_20	19 01 38.1	+0.5
SEW	comp=Z,24um,20.0s				19 11 44.7	-0.6
SEW	baz=233,SNR=20				19 11 44.7	-0.6
O22K	Cooper Landing	80.89 23	P	IAMS_20	19 01 38.0	-0.3
O22K	comp=Z,29um,19.0s				19 34 22.8	
O22K	Cooper Landing	80.89 23	P	P	19 01 39.0	+0.7
O22K	baz=232,SNR=8.4				19 11 45.3	-1.3
SUA	Susitna One	81.11 22	P	IAMB	19 01 39.0	-0.6
SUA	comp=Z,184nm,1.2s				19 01 46.1	
SUA	Susitna One	81.11 22	P	P	19 01 39.3	-0.4
SUA	baz=231,SNR=47				19 11 45.4	-3.7
SKT	Skwentna	81.14 22	P	IAMS_20	19 01 39.1	-0.6
SKT	comp=Z,30um,20.0s				19 34 32.5	
SKT	Skwentna	81.14 22	P	P	19 01 38.6	-1.1
SKT	baz=230				19 11 44.5	-4.8
K20K	Telida	81.16 20	P	P	19 01 40.6	+0.9
K20K	baz=230,SNR=97				19 11 50.6	+1.3
PYUN	Pluithan	81.21 300	eP	P	19 01 39.8	-1.2
RC01	Rabbit Creek A	81.26 23	P	IAMB	19 01 39.9	-0.4
RC01	comp=Z,435nm,0.8s				19 01 57.0	
RC01	Rabbit Creek A	81.26 23	P	P	19 01 40.6	+0.3
RC01	baz=232,SNR=32				19 11 48.9	-1.5
PAF	Port-aux-Franc	81.46 221	IAMS_20	IAMS_20	19 35 04.4	
PPLA	Purkeypile	81.50 21	P	IAMB	19 01 40.4	-1.3
PPLA	comp=Z,30um,18.0s				19 01 58.6	
PPLA	Purkeypile	81.50 21	P	IAMS_20	19 34 47.8	
PPLA	comp=Z,252nm,1.3s				19 01 40.3	-1.4
PPLA	Purkeypile	81.50 21	P	P	19 01 40.3	-1.4
PPLA	baz=230				19 11 50.8	-2.4
Q23K	Middleton Isla	81.65 25	IAMS_20	IAMS_20	19 35 36.8	
Q23K	comp=Z,19um,18.0s				19 01 42.9	+0.6
Q23K	Middleton Isla	81.65 25	P	P	19 01 42.9	+0.6
Q23K	baz=236				19 11 55.3	+0.9
MID	Middleton Isla	81.65 25	IAMS_20	IAMS_20	19 35 35.9	
PWL	Port Wells	81.67 24	P	IAMS_20	19 01 42.1	-0.3
PWL	comp=Z,19um,19.0s				19 34 14.4	
J20K	Nowinta River	81.68 19	P	P	19 01 43.8	+1.4
J20K	baz=228,SNR=100				19 11 56.7	+2.0
PMR	Palmer	81.80 23	P	P	19 01 43.1	0.0
PMR	comp=Z,126nm,1.0s				19 01 43.1	0.0
PMR	Palmer	81.80 23	P	MLR	19 01 43.1	0.0
PMR	comp=Z,10um,20.0s				19 01 43.1	0.0
PMR	Palmer	81.80 23	P	IAMB	19 01 46.8	
PMR	comp=Z,126nm,1.0s				19 01 43.2	+0.1
PMR	baz=233,SNR=16				19 11 54.5	-1.4
CUT	Chulitna	81.87 22	P	P	19 01 43.4	-0.1
CUT	Chulitna	81.87 22	P	P	19 01 43.7	+0.2
CUT	baz=232,SNR=7.1				19 11 52.7	-4.0
KNK	Knik Glacier	81.95 23	P	IAMS_20	19 01 44.9	+0.9
KNK	comp=Z,20um,19.0s				19 36 14.6	
KNK	Knik Glacier	81.95 23	P	P	19 01 44.4	+0.4
KNK	baz=233,SNR=32				19 11 56.4	-1.2
GHO	Glory Hole Cre	81.99 23	P	IAMB	19 01 44.7	-0.3
GHO	comp=Z,252nm,1.1s				19 02 06.8	
RDOG	Red Dog Mine	82.05 14	P	IAMB	19 01 44.7	+0.3
RDOG	comp=Z,188nm,1.1s				19 02 10.6	
RDOG	Red Dog Mine	82.05 14	P	IAMS_20	19 32 15.4	
RDOG	comp=Z,25um,21.0s					

RDOG	Red Dog Mine	82.05 14	P	P	19 01 45.5	+1.2
RDOG	baz=219				19 11 57.6	-0.8
CHUM	Minchumin	82.10 20	P	P	19 01 45.2	+0.5
CHUM	baz=230,SNR=72				19 11 57.2	-1.7
HIN	Hinchinbrook I	82.13 24	P	IAMB	19 01 45.7	+0.7
HIN	comp=Z,193nm,1.2s				19 02 01.7	
HIN	Hinchinbrook I	82.13 24	P	IAMS_20	19 33 44.4	
GLI	Glacier Island	82.17 24	P	IAMB	19 01 46.4	+1.3
GLI	comp=Z,121nm,1.0s				19 02 09.5	
GLI	Glacier Island	82.17 24	P	P	19 01 44.4	-0.8
GLI	baz=235,SNR=26				19 11 59.2	-0.7
SML	Sawmill	82.23 23	P	P	19 01 45.2	-0.2
SML	Sawmill	82.23 23	P	P	19 01 45.7	+0.2
SML	baz=233,SNR=90				19 11 59.5	-1.1
FID	Port Fidalgo	82.34 24	P	IAMB	19 01 45.5	-0.5
FID	comp=Z,129nm,1.2s				19 02 10.3	
FID	Port Fidalgo	82.34 24	P	IAMS_20	19 34 48.6	
KTH	Kantishna Hill	82.36 21	P	IAMB	19 01 45.2	-0.9
KTH	comp=Z,213nm,1.1s				19 01 51.6	
KTH	Kantishna Hill	82.36 21	P	IAMS_20	19 33 02.6	
WMQ	Urumqi	82.41 317	P	P	19 01 47.1	+0.2
WMQ	comp=Z,22um,20.0s				19 01 55.6	+1.2
WMQ	Urumqi	82.41 317	P	SS	19 12 04.4	+1.2
WMQ	comp=Z,220nm,1.5s				19 17 27.7	+3.3
WMQ	comp=Z,5um,4.7s				pmax	pmax
WMQ	comp=Z,18um,20.7s				LR	LR
WMQ	comp=Z,18um,22.3s				LR	LR
TRF	Thorofare Moun	82.52 21	P	IAMB	19 01 46.6	-0.5
TRF	comp=Z,171nm,0.9s				19 01 52.6	
TRF	Thorofare Moun	82.52 21	P	IAMS_20	19 35 29.8	
TRF	comp=Z,26um,20.0s				19 01 46.6	-0.5
TRF	Thorofare Moun	82.52 21	P	P	19 01 46.6	-0.5
TRF	baz=231,SNR=46				19 11 59.9	-3.8
EYAK	Cordova Ski Ar	82.53 25	P	IAMS_20	19 01 45.8	-1.1
EYAK	comp=Z,20um,20.0s				19 34 14.0	
EYAK	Cordova Ski Ar	82.53 25	P	P	19 01 46.3	-0.6
EYAK	baz=236,SNR=10				19 12 03.8	+0.3
SCM	Sheep Creek Mo	82.64 23	P	MLR	19 01 47.5	-0.1
SCM	comp=Z,230nm,1.0s				MLR	MLR
SCM	Sheep Creek Mo	82.64 23	P	IAMS_20	19 01 47.5	-0.1
SCM	comp=Z,18um,20.0s				19 35 48.8	
HYB	Hyderabad	82.67 289	iP	P	19 01 48.0	-0.7
HYB	comp=Z,85nm,0.8s				19 12 08.0	+1.3
HYB	Hyderabad	82.67 289	eP	P	19 01 47.9	-0.8
HYB	comp=Z,15nm,28.0s				19 01 46.4	-1.4
BPAW	Bear Paw Mtn.	82.69 20	P	IAMB	19 01 48.0	+0.2
BPAW	comp=Z,151nm,1.3s				19 33 00.2	
BPAW	Bear Paw Mtn.	82.69 20	P	P	19 01 48.0	+0.2
BPAW	comp=Z,20um,21.0s				19 12 03.0	-2.1
BPAW	baz=231,SNR=61				19 01 47.8	-0.3
KAIM	Kayak Island	82.74 25	P	IAMB	19 01 47.4	+0.2
KAIM	comp=Z,80nm,0.8s				19 01 54.2	
KAIM	Kayak Island	82.74 25	P	P	19 01 47.7	-0.3
KAIM	comp=Z,21um,20.0s				19 12 08.1	+2.4
KAIM	Kayak Island	82.74 25	P	P	19 01 48.4	+0.2
KAIM	baz=237				19 12 04.5	-1.5
WATI	Susitna Watana	82.76 22	P	P	19 01 48.0	-0.7
WATI	comp=Z,127nm,1.2s				19 02 05.5	
DIV	Divide	82.84 24	P	IAMB	19 01 48.0	-0.7
DIV	comp=Z,24um,21.0s				19 36 14.4	
DIV	Divide	82.84 24	P	IAMS_20	19 36 14.4	
DIV	comp=Z,127nm,1.2s				19 01 50.8	+1.9
RAGM	Ragged Mountai	82.88 25	P	IAMS_20	19 37 13.4	
RAGM	comp=Z,24um,19.0s				19 01 50.2	+1.0
WAT6	Susitna Watana	82.92 22	P	P	19 01 50.2	+1.0
WAT6	comp=Z,26um,18.0s				19 12 06.3	-1.4
WAT6	Susitna Watana	82.92 22	P	P	19 01 49.7	+0.3
WAT6	baz=234,SNR=73				19 02 06.8	
KLU	Klutina	82.99 24	P	IAMB	19 01 49.7	+0.3
KLU	comp=Z,171nm,1.0s				19 36 50.2	

HDA	baz=234,SNR=83	S	S	19 12 17.7	-3.4	HYT	Haines Junctio	86.17	26	P	Iamb	P	Iamb	19 02 06.1	+0.4	YBH	comp=Z,2.6nm,0.9s,ba	PP	PP	19 05 44.0	-0.5			
HDA	baz=234	S	S	19 12 17.7	-3.4	HYT	comp=Z,204nm,1.1s							19 02 10.5		YBH	comp=Z,2.2,6nm,0.9s,ba	LR	LR	19 34 05.9				
DGAR	Diego Garcia	84.28	263	IAMS_20	IAMS_20	19 42 13.8								19 38 23.3		YBH	comp=Z,7.7um,21.2s,ba	PP	PP	19 02 18.1	+1.4			
TABL	Table Mountain	84.41	26	P	Iamb	19 01 56.3	-0.6	NDI	New Delhi	86.28	300	eP	S	19 02 06.0	-0.8	YBH	Yreka Blue Hor	86.37	47	P	Iamb	19 02 39.8	+0.8	
TABL	comp=Z,99nm,0.8s					19 02 10.4		AYAN	Aya Nagar	86.31	299	eP	Iamb	19 02 32.0	-1.4	I03D	comp=Z,1,104nm,1.5s	P	P	19 02 17.3	+0.8			
TABL	comp=Z,22um,19.0s					19 37 46.7		BESE	comp=Z,91nm,0.7s					19 02 09.0		I03D	baz=256	S	S	19 13 06.4	+4.4			
BARN	Barnard Glacie	84.50	25	P	Iamb	19 01 58.7	+1.3	BESE	Bessie Mountain	86.42	29	P	Iamb	19 02 08.4	+1.6	HUMO	Hull Mountain	88.40	47	P	Iamb	19 02 16.1	-0.6	
BARN	comp=Z,1,104nm,1.2s					19 01 21.8		BESE	comp=Z,229nm,1.4s					19 02 32.4		HUMO	comp=Z,92nm,1.4s	P	Iamb	19 02 40.0				
ILAR	Eielson Array	84.51	21	P	PP	19 01 55.9	-1.2	JIS	comp=Z,27um,21.0s					19 33 00.6		PRZ	Przheval'sk	88.51	313	P	pmax	19 02 17.1	-0.4	
ILAR	comp=Z,5.4nm,0.9s,ba					19 05 11.4	-1.2	SKAG	Skagway	86.56	28	P	IAMS_20	IAMS_20	19 02 08.7	+1.3	PRZ	Przheval'sk	88.51	313	P	P	19 02 17.1	-0.4
ILAR	comp=Z,6.1nm,1.1s,ba					19 20 08.1	-3.2	SKAG	comp=Z,25um,21.0s					19 33 37.6		KPKS	Kokpek	88.55	314	eP	S	19 02 16.1	-1.4	
ILAR	comp=Z,1.3nm,0.8s,ba					19 28 14.4	+2.4	SKAG	baz=245,SNR=41					19 12 42.6	-1.2	KPKS	comp=Z,301nm,1.8s	eS	S	19 02 42.4	-4.5			
ILAR	comp=Z,0.7nm,1.0s,ba					19 24 30.6		SKAG	baz=245					19 02 07.4	+1.1	KPKS	Kokpek	88.55	314	eP	S	19 02 16.1	-1.4	
POKR	Poker Plat Res	84.52	20	P	Iamb	19 01 57.2	0.0	EGAK	Eagle	86.58	22	P	Iamb	19 02 07.4	+0.1	KPKS	comp=Z,301nm,1.8s	eS	pmax	19 12 42.3	-4.5			
POKR	comp=Z,167nm,1.4s					19 02 12.7		EGAK	comp=Z,204nm,1.2s					19 35 57.0		KPKS	comp=Z,301nm,1.8s	smax	smax					
POKR	comp=Z,18um,22.0s,ba					19 39 15.7		EGAK	comp=Z,16um,20.0s					19 02 07.5	+0.1	PMPB	comp=E,335nm,6.0s	88.56	53	P	P	19 02 18.5	+0.9	
POKR	comp=Z,19um,20.0s					19 01 57.2	0.0	EGAK	comp=Z,240,SNR=78					19 12 43.9	+0.1	COR	Corvallis	88.64	45	P	IAMS_20	IAMS_20	19 34 39.0	
POKR	comp=Z,234,SNR=7.9					19 12 20.0	-3.5	GOA	Goa	86.74	286	eP	S	19 02 09.4	+0.2	SATY	Saty	88.65	314	eP	P	19 02 16.7	-1.4	
CTG	Chitna Glacier	84.58	25	P	P	19 01 58.3	+0.5	KUDL	Kundal	86.79	299	eP	P	19 02 07.2	-2.0	SATY	comp=Z,228nm,2.2s	ePP	PP	19 05 45.3	-1.5			
CTG	comp=Z,240,SNR=33					19 12 25.2	+0.6	WRAK	Wrangell Islan	86.82	31	P	IAMS_20	IAMS_20	19 40 04.5		SATY	comp=Z,479nm,7.1s	eS	SKS	19 12 44.2	-3.4		
CTGM	Chitna Glacie	84.59	25	P	Iamb	19 01 58.6	+0.8	WRAK	Wrangell Islan	86.82	31	P	P	19 02 09.4	+0.7	SATY	Saty	88.65	314	eP	P	19 02 16.6	-1.4	
CTGM	comp=Z,1,113nm,1.2s					19 02 15.0		WRAK	comp=Z,20um,18.0s					19 12 48.7	+2.4	SATY	comp=Z,228nm,2.2s	eS	SKS	19 12 44.1	-3.4			
PCA	Pinnacle	84.62	26	P	Iamb	19 01 58.9	+1.1	SMLA	Simla	86.86	302	eP	P	19 02 07.7	-1.8	SATY	comp=E,479nm,7.1s	smax	smax					
PCA	comp=Z,127nm,0.9s					19 02 12.6		DAWY	Dawson	86.89	23	P	Iamb	19 02 07.8	+0.6	O03E	Paynes Creek	88.70	49	P	P	19 02 18.9	+0.6	
PCA	comp=Z,16um,19.0s					19 37 24.4		MK31	Makanchi Array	86.98	318	P	pmax	19 02 08.9	-0.9	O03E	baz=257,SNR=17	S	S	19 13 08.4	+3.0			
PINM	Pinnacle	84.62	26	P	P	19 01 58.5	+0.7	MK31	comp=Z,101nm,0.7s					19 02 08.9	-0.9	DLBC	Dease Lake	88.71	30	P	P	19 02 18.1	+0.3	
PINM	baz=241,SNR=16					19 12 24.3	-0.6	MK31	Makanchi Array	86.98	318	P	Iamb	19 02 13.5		DLBC	comp=E,33nm,1.2s,ba	LR	LR	19 38 00.1				
M26K	Nabesna, AK	84.65	24	P	P	19 01 58.2	+0.3	MKAR	comp=Z,101nm,0.7s					19 02 09.0	-0.8	DLBC	comp=E,26um,18.8s,ba	PP	PP	19 02 20.2	+2.4			
M26K	baz=238,SNR=43					19 12 23.9	-1.1	MKAR	comp=Z,130nm,0.7s,ba					19 05 32.3	-0.8	ORV	Buck Mountain	88.76	50	P	pmax	19 02 18.8	+0.3	
MENT	Mentasta	84.65	23	P	Iamb	19 01 57.5	-0.3	MKAR	comp=Z,9.5nm,0.9s,ba					19 20 03.4	-1.3	ORV	comp=Z,45nm,1.2s	MLR	MLR					
MENT	comp=Z,238					19 02 15.1		MKAR	comp=Z,1.0nm,1.0s,ba					19 28 09.6		ORV	comp=Z,9um,20.0s	88.76	50	P	P	19 02 18.8	+0.3	
LOGN	Logan Glacier	84.66	26	P	Iamb	19 01 58.7	+0.5	MKAR	comp=Z,0.3nm,0.9s,ba					19 39 32.1		TARG	Taragay, Kyrgy	88.77	312	P	Iamb	19 02 19.9	+0.9	
LOGN	comp=Z,119nm,1.1s					19 02 16.9		MKAR	comp=Z,1.1um,21.6s,ba					19 02 09.1	-0.8	TARG	comp=Z,59nm,0.8s	88.77	45	P	IAMS_20	IAMS_20	19 34 12.3	
RIDD	Independent Ri	84.66	22	P	IAMS_20	19 01 58.4	+0.5	MKAR	comp=Z,101nm,0.7s					19 28 08.4	-0.6	L04D	Klamath Falls	88.78	47	P	P	19 02 18.5	-0.2	
RIDD	comp=Z,16um,19.0s					19 39 17.2		MKAR	comp=Z,130nm,0.7s,ba					19 32 22.2		L04D	baz=256,SNR=9.1	S	S	19 13 09.3	+3.2			
RIDD	Independent Ri	84.66	22	P	P	19 01 58.7	+0.7	MAKZ	Makanchi	87.19	318	P	pmax	19 02 09.5	-1.3	G03D	McMinnville, O	88.83	44	P	P	19 02 19.2	+0.6	
RIDD	baz=236					19 12 22.3	-2.7	MAKZ	comp=Z,133nm,0.8s							G03D	baz=256	S	S	19 13 10.1	+4.0			
DGZ	Jazzator, Alta	84.67	3222	iP	pmax	19 01 57.3	-1.1	MAKZ	comp=Z,16um,22.0s					19 02 09.5	-1.3	E03A	Lebam	88.86	43	P	Iamb	19 02 20.4	+1.3	
DGZ	comp=Z,129nm,0.7s					19 01 58.4	-0.2	MAKZ	comp=Z,16um,22.0s					19 02 11.8	+0.9	E03A	comp=Z,65nm,1.0s	IAMS_20	IAMS_20	19 38 02.3				
H24K	Noodor Dome	84.80	20	P	P	19 01 58.4	-0.2	WHY	Whitehorse	87.26	27	P	Iamb	19 02 25.9		E03A	comp=Z,27um,19.0s	88.96	22	P	IAMS_20	IAMS_20	19 02 18.8	0.0
H24K	baz=234,SNR=67					19 01 58.2	-2.2	WHY	comp=Z,80nm,1.1s					19 12 52.0	+1.2	EPYK	Eagle Plains	88.96	22	P	P	19 02 19.5	+0.7	
L26K	Log Cabin Wild	84.84	23	P	P	19 01 59.9	+1.1	WHY	Whitehorse	87.26	27	P	P	19 02 11.6	+0.6	EPYK	comp=Z,20um,21.0s	88.96	22	P	P	19 13 06.7	+0.1	
L26K	baz=238,SNR=17					19 12 27.0	+0.2	WHY	comp=Z,19um,19.0s					19 12 10.0	-1.8	EPYK	baz=244	S	S	19 02 19.9	+0.3			
DOT	Dot Lake	84.90	22	IAMS_20	IAMS_20	19 36 12.7		WHY	Whitehorse	87.26	27	P	S	19 12 52.0	+1.2	EPYK	comp=Z,20um,21.0s	88.96	22	P	P	19 13 06.7	+0.1	
COLD	Coldfoot	84.91	18	IAMS_20	IAMS_20	19 33 16.0		WHY	Whitehorse	87.26	27	P	S	19 12 52.0	+1.2	EPYK	baz=244	S	S	19 02 19.9	+0.3			
COLD	comp=Z,25um,22.0s					19 02 00.0	+0.9	WHY	Whitehorse	87.26	27	P	S	19 12 52.0	+1.2	SNCC	San Nicolas Is	88.97	56	P	P	19 13 13.9	+5.9	
COLD	Coldfoot	84.91	18	P	P	19 02 00.0	+0.9	WHY	Whitehorse	87.26	27	P	S	19 12 52.0	+1.2	SNCC	baz=258	S	S	19 13 13.9	+5.9			
COLD	baz=231,SNR=10.0					19 12 26.9	-0.4	WHY	Whitehorse	87.26	27	P	S	19 12 52.0	+1.2	NLWA	Neilton Lookou	88.97	42	IAMS_20	IAMS_20	19 35 38.6		
BHPL	Bhopal	84.93	294	eP	P	19 01 58.9	-1.2	WHY	Whitehorse	87.26	27	P	S	19 12 52.0	+1.2	SMCC	comp=Z,18um,20.0s	89.01	54	P	P	19 02 21.1	+1.4	
M27K	Edge Creek, AK	85.07	24	P	P	19 02 01.3	+1.1	WHY	Whitehorse	87.26	27	P	S	19 12 52.0	+1.2	SMCC	baz=258	S	S	19 13 14.7	+6.3			
M27K	baz=239,SNR=89					19 12 28.2	-1.2	WHY	Whitehorse	87.26	27	P	S	19 12 52.0	+1.2	M04C	MacLeod	89.01	48	P	P	19 02 20.6	+0.8	
SCRK	Sand Creek	85.11	22	P	Iamb	19 01 60.0	-0.3	WHY	Whitehorse	87.26	27	P	S	19 12 52.0	+1.2	M04C	baz=257,SNR=18	S	S	19 13 12.6	+4.3			
SCRK	comp=Z,183nm,1.2s					19 02 17.3		WHY	Whitehorse	87.26	27	P	S	19 12 52.0	+1.2	H04D	Lebanon	89.02	45	P	P	19 02 20.0	+0.4	
SCRK	comp=Z,19um,19.0s					19 12 28.9	-0.7	WHY	Whitehorse	87.26	27	P	S	19 12 52.0	+1.2	H04D	baz=256	S	S	19 13 11.6	+3.6			
SCRK	Sand Creek	85.11	22	P	P	19 02 00.9	+0.6	WHY	Whitehorse	87.26	27	P	S	19 12 52.0	+1.2	AFDM	Forest Hills D	89.02	50	P	Iamb	19 02 20.2	+0.4	
SCRK	comp=Z,237,SNR=136					19 12 28.9	-0.7	WHY	Whitehorse	87.26	27	P	S	19 12 5										

F10A	comp-Z,16um,22.0s	IAMS_20	IAMS_20	19 37 31.7					
NEE2	Needles Airpor baz=261	93.25	55	P	P	19 02 39.7 +0.3			
NEE2	baz=261			S	S	19 13 51.3 +4.3			
PRN	Pahroc Range	93.31	53	P	P	19 02 41.2 +1.3			
PRN	comp-Z,99nm,1.3s			IAmb	IAmb	19 03 03.9			
PDMCI	Parker Dam,Lak baz=261	93.56	56	P	P	19 02 41.1 +0.3			
PDMCI	baz=261			S	S	19 13 53.8 +4.1			
NEW	Newport comp-Z,5.1nm,0.8s,baz=248,slow=4.7,SNR=8.8	93.59	42	P	P	19 02 40.3 -0.4			
NEW	comp-Z,16um,22.0s,baz=263,slow=31			LR	LR	19 37 11.1			
NEW	Newport	93.59	42	P	P	19 02 41.1 +0.3			
NEW	comp-Z,15nm,0.9s			MLR	MLR				
NEW	comp-Z,18um,18.0s			MLR	MLR				
NEW	Newport	93.59	42	P	P	19 02 41.1 +0.3			
NEW	Newport	93.59	42	IAMS_20	IAMS_20	19 44 49.0			
NEW	Newport	93.59	42	P	P	19 02 39.4 -1.4			
NEW	baz=260			S	S	19 13 49.7 +0.2			
BTK	Batken	93.63	310	P	P	19 02 40.9 -0.3			
BTK	comp-Z,74nm,1.0s			P	P	19 02 40.9 -0.3			
BTK	Batken	93.63	310	IAMB	IAMB	19 02 56.6			
MFID	comp-Z,74nm,1.0s			P	P	19 02 42.0 +0.6			
MFID	Camas Ranch	93.69	47	IAMB	IAMB	19 02 55.7			
ELK	comp-Z,76nm,1.5s			LR	LR	19 37 14.6			
ELK	Elko	93.69	49	LR	LR	19 37 14.6			
ELK	comp-Z,9um,21.7s,baz=264,slow=31			P	P	19 02 42.3 +0.6			
ELK	Elko	93.69	49	P	P				
ELK	comp-Z,53nm,1.3s			MLR	MLR				
ELK	comp-Z,10um,21.0s			P	P	19 02 42.3 +0.6			
ELK	Elko	93.69	49	P	P	19 02 38.7 +2.7			
DZA	Taraz	93.70	313	eS	SKSac	19 13 14.9 -1.3			
DZA	comp-Z,364nm,5.9s			eS	SKSac	19 13 14.9 -1.3			
DZA	Taraz	93.70	313	eS	SKSac	19 02 38.6 -2.7			
DZA	comp-Z,364nm,5.9s			eS	SKSac	19 13 14.9 -1.3			
PLID	Pearl Lake	93.83	45	P	P	19 02 43.1 +1.0			
GAR	Garm	93.85	309	IAMS_20	IAMS_20	19 02 42.5 +0.2			
GAR	comp-Z,27um,22.0s			IAMS_20	IAMS_20	19 44 48.4			
W13A	Hualapai Mount	93.89	55	IAMS_20	IAMS_20	19 39 06.1			
BRZS	Berezni	93.94	320	eP	SKSac	19 02 40.6 -1.7			
BRZS	comp-Z,299nm,5.3s			eS	SKSac	19 06 28.4 +0.1			
BRZS	Berezni	93.94	320	eP	SKSac	19 13 10.3 -6.8			
BRZS	comp-Z,299nm,5.3s			eS	SKSac	19 06 28.4 +0.1			
BRZS	Berezni	93.94	320	eP	SKSac	19 13 10.3 -6.8			
CRZF	Crozet Islands	94.11	222	IAMS_20	IAMS_20	19 41 00.0			
SPR3	Spring Creek 3	94.12	51	IAMB	IAMB	19 02 44.9 +1.1			
SPR3	comp-Z,131nm,1.3s			IAMB	IAMB	19 02 39.3			
SRIG	Santa Rosalia	94.15	63	IAMS_20	IAMS_20	19 41 05.2			
KBL	Kabul	94.20	304	P	P	19 02 43.4 -0.7			
KBL	comp-Z,22nm,0.9s			P	P				
KBL	comp-Z,14um,22.0s			MLR	MLR				
KBL	Kabul	94.20	304	P	P	19 02 43.4 -0.7			
214A	Organ Pipe Nat baz=262	94.32	58	P	P	19 02 43.6 -0.9			
214A	baz=262			S	S	19 14 02.2 +5.6			
KK31	Karatay Array	94.33	313	P	P	19 02 43.1 -1.1			
KK31	comp-Z,60nm,1.2s			P	P				
KK31	Karatay Array	94.33	313	IAMB	IAMB	19 02 43.1 -1.1			
KK31	comp-Z,60nm,1.1s			IAMB	IAMB	19 02 50.3			
KKAR	Karatay Array	94.33	313	P	P	19 02 43.1 -1.2			
KKAR	comp-Z,60nm,1.2s			P	P				
KKAR	Karatay Array	94.33	313	IAMB	IAMB	19 02 43.1 -1.2			
KKAR	comp-Z,60nm,1.1s			IAMB	IAMB	19 02 50.3			
PSUT	Pine Spring	94.42	52	P	P	19 02 46.2 +1.2			
IUG	Iuzhny	94.54	312	eS	SKSac	19 02 44.0 -1.4			
IUG	comp-Z,17um,20.0s			eS	SKSac	19 13 16.5 -4.4			
IUG	Iuzhny	94.54	312	eS	SKSac	19 02 43.9 -1.4			
IUG	comp-Z,17um,20.0s			eS	SKSac	19 13 16.5 -4.4			
LCMT	Little Creek M	94.68	53	P	P	19 02 48.0 +1.8			
CHGR	Chuyangaron	94.70	308	IAMB	IAMB	19 02 47.7 +1.5			
CHGR	comp-Z,49nm,0.8s			IAMB	IAMB	19 02 48.6			
HLID	Hailey	94.72	47	P	P	19 02 47.1 +0.8			
HLID	comp-Z,14um,19.0s			IAMS_20	IAMS_20	19 43 19.0			
HLID	Hailey	94.72	47	P	P	19 02 47.2 +1.0			
HLID	baz=262,SNR=23			S	S	19 14 04.7 +4.8			
CHM	Chimkent	94.88	312	eS	SKSac	19 13 19.1 -3.5			
TAS	Tashkent	94.97	311	P	P	19 02 47.5 +0.3			
TAS	comp-Z,108nm,0.7s			P	P				
TAS	comp-Z,14um,22.0s			MLR	MLR				
TAS	Tashkent	94.97	311	P	P	19 02 47.5 +0.3			
U15A	North Rim	95.36	54	P	P	19 02 50.2 +0.8			
U15A	comp-Z,15um,22.0s			IAMS_20	IAMS_20	19 38 15.0			
BGU	Big Grassy Mous	95.38	50	IAMB	IAMB	19 02 50.1 +0.8			
BGU	comp-Z,60nm,1.5s			IAMB	IAMB	19 03 11.9			
JTMT	Jette	95.40	43	IAMS_20	IAMS_20	19 41 05.7			
LPIG	La Paz	95.43	67	LR	LR	19 42 00.9			
DUG	Dugway, Tooele	95.45	50	P	P	19 02 50.7 +1.1			
DUG	comp-Z,36nm,1.4s			P	P				
DUG	Dugway, Tooele	95.45	50	P	P	19 02 50.7 +1.1			
DUG	comp-Z,7um,20.0s			P	P				
DUG	Dugway, Tooele	95.45	50	P	P	19 02 47.9 -1.7			
DUG	baz=262			S	S	19 14 11.8 +5.5			
M50	Missoula	95.51	44	IAMS_20	IAMS_20	19 40 53.6			
M50	comp-Z,21um,20.0s			IAMS_20	IAMS_20	19 40 53.6			
M50	Missoula	95.51	44	P	P	19 02 48.4 -1.2			
M50	baz=262			S	S	19 14 06.1 -0.3			
BCYI	Bear Canyon	95.55	46	P	P	19 02 50.7 +0.7			
MTPU	Mount Pierson	95.65	53	IAMB	IAMB	19 02 51.9 +1.1			
HVU	Hansel Valley	95.68	49	P	P	19 02 51.5 +0.9			
HVU	comp-Z,91nm,1.3s			P	P				
HVU	Hansel Valley	95.68	49	IAMB	IAMB	19 02 51.5 +0.9			
SLBS	Sierra La Lagu	95.71	67	IAMS_20	IAMS_20	19 38 21.4			
SLBS	comp-Z,17um,20.0s			IAMS_20	IAMS_20	19 38 21.4			
BVAR	Borovoye Array	95.82	323	P	P	19 06 41.4 -1.3			
WALA	Waterton Lakes	95.82	41	P	P	19 02 51.8 +0.7			
WALA	comp-Z,21um,22.0s			IAMS_20	IAMS_20	19 36 31.8			
SPUT	South Promonto	95.86	49	P	P	19 02 52.3 +0.8			
SPUT	comp-Z,72nm,1.5s			IAMB	IAMB	19 03 14.2			

BRVK	Borovoye	95.88	323	P	P	19 02 51.3 +0.2			
BRVK	comp-Z,44nm,0.7s			P	P				
BRVK	comp-Z,19um,22.0s			MLR	MLR				
BRVK	Borovoye	95.88	323	P	P	19 02 51.2 +0.2			
BRVK	comp-Z,44nm,0.7s			IAMB	IAMB	19 02 53.5			
BRVK	Borovoye	95.88	323	IAMS_20	IAMS_20	19 43 48.2			
NLU	North Lily Mtn	95.98	51	P	P	19 02 53.1 +1.0			
WUAZ	Wupatki	95.98	55	IAMS_20	IAMS_20	19 38 04.5			
WUAZ	comp-Z,26um,22.0s			S	S	19 02 52.0 -0.2			
WUAZ	Wupatki	95.98	55	P	P	19 14 16.3 +5.2			
WUAZ	baz=263			S	S				
MCMT	McKenzie Canyo	96.01	46	P	P	19 02 53.2 +1.0			
TUC	Tucson	96.07	58	P	P	19 02 53.5 +0.9			
TUC	comp-Z,8.0nm,1.0s			P	P				
TUC	comp-Z,26um,20.0s			MLR	MLR				
TUC	Tucson	96.07	58	P	P	19 02 53.5 +0.9			
TUC	baz=263			P	P	19 02 50.3 -2.2			
TUC	comp-Z,26um,20.0s			S	S	19 14 14.6 +6.5			
DLMT	Dillon	96.25	45	P	P	19 02 54.4 +1.2			
LRM	Limekiln Ridge	96.41	45	P	P	19 02 54.1 +0.1			
HWUT	Hardware Ranch	96.46	49	P	P	19 02 54.9 +0.2			
EDM	Edmonton	96.68	37	P	P	19 02 55.9 +1.2			
EDM	comp-Z,31nm,1.0s			P	P				
EDM	Edmonton	96.68	37	P	P	19 02 55.9 +1.2			
EDM	comp-Z,18um,22.0s			IAMB	IAMB	19 03 09.2			
EDM	Edmonton	96.68	37	IAMB	IAMB	19 03 09.2			
EDM	comp-Z,31nm,1.0s			IAMS_20	IAMS_20	19 38 53.3			
BOZ	Bozeman (W)	96.95	45	P	P	19 02 57.3 +0.9			
BOZ	comp-Z,15nm,1.2s			P	P				
BOZ	Bozeman (W)	96.95	45	P	P	19 02 54.6 -1.7			
BOZ	baz=264,SNR=8.1			S	S	19 14 20.8 +1.8			
BOZ	baz=264			S	S	19 02 56.0 -0.2			
YKA	Yellowknife Ar	97.06	28	P	P	19 02 56.0 -0.2			
YKA	comp-Z,10nm,0.9s,baz=256,slow=4.2,SNR=16			P	P				
YKA	comp-Z,1.7nm,0.9s,baz=82,slow=4.5,SNR=4.5			PP	PKKpP	19 40 15.5			
YKA	comp-Z,17um,21.7s,baz=0.0,slow=52			LR	LR	19 40 15.5			
YKA	Yellowknife Ar	97.06	28	P	P	19 02 58.0 +1.7			
YKA	Yellowknife Ar	97.06	28	P	P	19 02 58.0 +1.7			
TPAW	Teton Pass	97.21	47	P	P	19 02 58.4 +0.6			
TPAW	comp-Z,20um,22.0s			IAMS_20	IAMS_20	19 38 57.9			
IMW	Indian Meadow	97.27	47	P	P	19 02 58.2 +0.1			
IMW	comp-Z,15um,22.0s			IAMS_20	IAMS_20	19 39 11.2			
W18A	Petrified Fore	97.27	56	P	P	19 02 58.6 +0.5			
W18A	baz=264			P	P				
W18A	comp-Z,17um,21.7s,baz=0.0,slow=52			S	S	19 14 29.2 +7.0			
REDW	Red Top Meadow	97.27	47	IAMS_20	IAMS_20	19 39 01.4			
REDW	comp-Z,19um,22.0s			IAMS_20	IAMS_20	19 39 01.4			
YHH	Holmes Hill	97.42	46	P	P	19 02 59.0 +0.2			
FLWY	Flagg Ranch	97.46	47	IAMS_20	IAMS_20	19 39 06.2			
LOHW	Long Hollow	97.48	47	IAMS_20	IAMS_20	19 39 18.8			
LOHW	comp-Z,17um,22.0s			IAMS_20	IAMS_20	19 46 35.1			
LKWY	Lake	97.72	46	IAMS_20	IAMS_20	19 46 35.1			
YNE	Yellowstone No	98.03	46	P	P	19 03 00.6 -0.7			
PV05	Paradox Valley	98.08	53	IAMS_20	IAMS_20	19 40 48.8			

Table with columns: Station, Time, Date, Location, and various codes. Includes entries like TULEG Thule, KBS Kingsbay, N35A Tabor, etc.

Table with columns: Station, Time, Date, Location, and various codes. Includes entries like PEBM Pemiscott Bayo, VRH Novokhopovsk, Q44A Meyer Farm, etc.

Table with columns: Station, Time, Date, Location, and various codes. Includes entries like Q51A Peebles, ACSO Alum Creek Sta, P51A Williamsport, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PMAR Madeira, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like HGSD baz=214, EHY Hungye, WPL Puli Township, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like WCHH Zhanghai, WCHH baz=271, ECS Chingchiang, etc.

JMA 12 19:08:21.6±0.2, 27.3742N, 144.222E, h50km, M3.7, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like JIKH Ishinomakikobu, JIO Ouri, JKMT Kesenumamotoy, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like NJD Zhudong, LIOB Emei, NSTT Nanjiang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CHN2 Minshuang, CHN2 baz=252, TPUB Ta-pu, etc.

IDC 12 19:08:51.8±1.1, 24.24N, 122.04E, h0km, mb3.4/6, mb1 3.5/8, mb1mx3.3/73, mbmt3.3/6, ML2.71, Error ellipse: s-max=31.2km s-min=21.5km az=67.0

TAP 12 19:08:52.7, 24.17N, 121.82E, h0km, ML4.2, C
JMA 12 19:08:53.2, 24.13N, 121.79E, h9km, 1km, M3.6
ISC 12 19:08:52.9±1.0, 24.17N, 0.01±121.85E, 0.02, h5km, 7km, n130, e1903/214, mb3.4/6, 9C-19D, Taiwan

JMA 12 19:08:52.9±1.0, 24.17N, 0.01±121.85E, 0.02, h5km, 7km, n130, e1903/214, mb3.4/6, 9C-19D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like EHP Heping Village, ETL Fush Village, NACB Ninganchiao, etc.

TAP 12 19:11:55.2, 24.20N, 121.79E, h3km, ML3.2, C

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like WCHH Zhanghai, WCHH baz=271, ECS Chingchiang, etc.

EHP	S	Sg	19 12 00.7 -0.6
ETL	0.15 265	Pg	19 11 59.4 +0.1
ETL	S	Sg	19 12 02.4 +0.9
NACB	0.18 271	Pg	19 11 59.8 +0.1
NACB	S	Sg	19 12 02.7 +0.4
TWD	0.20 243	P	19 12 00.3 +0.2
TWD	S	Sg	19 12 03.9 +1.0
HWA	0.26 221	Pb	19 12 02.8 -0.1
HWA	S	Sb	19 12 06.5 -1.1
ENA	0.26 350	Pg	19 12 00.9 -0.3
ENA	S	Sg	19 12 04.8 +0.1
ETLH	0.28 277	P	19 12 01.9 +0.2
ETLH	S	Sb	19 12 07.6 -0.9
ETM	0.34 233	P	19 12 02.9 -1.5
ETM	S	Sb	19 12 09.6 +0.1
TWC	0.44 7	Pg	19 12 04.1 -0.5
TWC	S	Sg	19 12 10.7 +0.4
WHF	0.48 267	Pg	19 12 05.6 +0.1
WHF	S	Sb	19 12 12.9 -1.6
ESL	0.48 223	Pb	19 12 05.5 -1.3
ESL	S	Sb	19 12 14.4 +0.3
NDT	0.50 329	Pg	19 12 05.9 +0.2
NDT	S	Sb	19 12 13.8 -0.7
FUSS	0.51 279	Pb	19 12 06.4 -1.0
FUSS	S	Sb	19 12 14.5 -0.5
TEGC	0.52 207	P	19 12 06.8 -0.5
TEGC	S	Sb	19 12 16.6 +1.6
TWE	0.56 348	Pg	19 12 06.7 -0.1
TWE	S	Sb	19 12 15.5 -0.8
TWT	0.57 278	Pb	19 12 08.2 -0.2
TWT	S	Sb	19 12 15.7 -1.0
CHGB	0.57 259	P	19 12 07.6 -0.9
CHGB	S	Sb	19 12 16.6 -0.4
TDCB	0.58 278	P	19 12 08.3 -0.3
TDCB	S	Sb	19 12 15.9 -1.2
ILA	0.59 356	Pb	19 12 08.3 -0.3
ILA	S	Sb	19 12 17.7 +0.4
EGFH	0.60 214	Pb	19 12 08.4 -0.4
EGFH	S	Sb	19 12 18.5 +1.0
OWD	0.60 249	Pb	19 12 07.9 -1.0
OWD	S	Sb	19 12 18.4 +0.8
YHNB	0.62 323	Pb	19 12 08.4 -0.9
YHNB	S	Sb	19 12 18.0 -0.2
NSK	0.64 322	Pb	19 12 08.6 -0.9
NSK	S	Sb	19 12 18.7 +0.1
NTC	0.68 3	Pb	19 12 09.3 -0.9
NTC	S	Sb	19 12 18.9 -0.9
HGSD	0.76 207	P	19 12 11.7 +0.2
HGSD	S	Sb	19 12 23.4 -1.3
WHP	0.78 278	Pb	19 12 11.8 -0.1
WHP	S	Sb	19 12 23.0 +0.4
WPL	0.78 258	P	19 12 11.7 -0.2
WPL	S	Sb	19 12 24.9 -0.4
EHY	0.79 213	Pb	19 12 10.8 -0.5
EHY	S	Sb	19 12 24.5 -1.0
DPDB	0.80 260	P	19 12 12.2 -0.1
DPDB	S	Sb	19 12 24.9 -1.0
WCS	0.81 262	Pb	19 12 12.6 +0.2
WCS	S	Sb	19 12 24.6 +1.1
NHHD	0.82 343	Pb	19 12 12.0 -0.7
NHHD	S	Sb	19 12 23.6 -0.3
TWA	0.83 347	Pb	19 12 12.0 -0.7
TWA	S	Sb	19 12 23.7 -0.3
TATO	0.85 341	Pb	19 12 12.7 -0.3
TATO	S	Sb	19 12 24.3 -0.2
LIQB	0.85 304	Pb	19 12 13.3 +0.2
LIQB	S	Sb	19 12 26.5 -0.5
NJD	0.85 311	Pb	19 12 12.8 -0.3
NJD	S	Sb	19 12 25.4 +0.7
NSTT	0.85 303	Pb	19 12 13.4 +0.2
NSTT	S	Sb	19 12 24.6 -0.1
SSLB	0.86 244	Pb	19 12 12.8 -0.4
SSLB	S	Sb	19 12 27.4 +0.2
SMLT	0.86 251	Pb	19 12 13.0 -0.3
SMLT	S	Sb	19 12 26.2 +1.0
NHY	0.89 347	Pb	19 12 13.2 -0.5
NHY	S	Sb	19 12 25.4 -0.3
NWF	0.90 359	Pb	19 12 13.5 -0.4
NWF	S	Sg	19 12 25.1 +0.1
TYC	0.90 253	Pb	19 12 13.8 -0.1
TYC	S	Sb	19 12 27.7 -0.4
WFSB	0.90 359	Pb	19 12 13.5 -0.3
WFSB	S	Sg	19 12 25.0 +0.1
YULB	0.90 210	P	19 12 13.5 -0.4

YULB	S	Sn	19 12 28.7 +0.5
TAP	0.90 343	P	19 12 13.1 -0.3
TAP	S	Sb	19 12 25.7 -0.4
ECBN	0.91 200	P	19 12 13.7 -0.3
ECBN	S	Sb	19 12 28.6 +0.2
EYUL	0.93 208	P	19 12 15.0 -0.4
EYUL	S	Sn	19 12 29.1 +0.2
HSN1	0.93 311	eP	19 12 13.3 -0.5
HSN1	S	Sb	19 12 27.9 +1.0
TWF1	0.93 209	P	19 12 14.2 -0.3
TWF1	S	Sn	19 12 29.0 -0.1
NTY	0.94 331	P	19 12 15.0 +0.4
NTY	S	Sb	19 12 27.4 +0.2
TWQ1	0.95 281	P	19 12 16.1 +0.5
TWQ1	S	Pn	19 12 30.3 +0.9
SBCB	0.96 310	eP	19 12 14.2 -0.7
SBCB	S	Sb	19 12 28.3 +0.5
NCUH	0.97 325	eP	19 12 14.5 -0.6
NCUH	S	Sb	19 12 28.5 +0.5
NCU	0.97 325	P	19 12 14.4 -0.7
NCU	S	Sb	19 12 27.9 -0.1
NSY	0.97 285	P	19 12 16.1 +0.1
NSY	S	Sb	19 12 28.8 +0.6
TNOU	0.97 359	P	19 12 15.0 -0.2
TNOU	S	Sb	19 12 28.8 +0.6
HSN	0.98 310	eP	19 12 14.1 -0.7
WHYT	0.98 241	P	19 12 15.6 -0.6
NJUN	0.98 301	eS	19 12 28.7 +0.2
YM01	0.99 348	P	19 12 15.6 +0.1
YM01	S	Sb	19 12 29.3 +0.6
WWF	1.01 263	P	19 12 16.9 +0.4
WWF	S	Sn	19 12 30.3 -0.5
TCU	1.02 269	eP	19 12 15.9 -0.1
TCU	S	Sb	19 12 29.8 +0.3
YM08	1.03 350	S	19 12 31.4 -0.1
WJS	1.03 251	eP	19 12 15.9 -0.3
WJS	S	Sb	19 12 31.8 +0.3
NTST	1.04 343	eP	19 12 15.5 -0.5
NTST	S	Sb	19 12 30.3 +0.3
ANP	1.04 346	P	19 12 16.4 +0.1
ANP	S	Sb	19 12 30.4 +0.2
WNT1	1.05 256	eP	19 12 17.5 +0.4
WNT1	S	Sn	19 12 32.5 +0.6
WNT	1.05 254	P	19 12 18.0 +0.8
WNT	S	Sb	19 12 32.2 +0.2
WDJ	1.06 280	eP	19 12 16.6 -0.1
WDJ	S	Sn	19 12 31.9 -0.4
FULB	1.07 205	P	19 12 16.0 -0.6
FULB	S	Sb	19 12 33.4 +0.9
JYNG	1.09 75	P	19 12 16.4 -0.5
TWY	1.11 351	P	19 12 17.3 -0.2
TWY	S	Sb	19 12 32.8 +0.6
ALS	1.12 234	P	19 12 17.6 -0.2
ALS	S	Sn	19 12 34.4 +0.3
WYL	1.13 260	eP	19 12 18.1 0.0
WYL	S	Sn	19 12 34.3 +0.5
WCHH	1.13 266	eP	19 12 17.8 -0.1
WCHH	S	Sb	19 12 34.5 +0.6
CHKT	1.14 200	P	19 12 17.6 -0.4
CHKT	S	Sn	19 12 35.8 +1.8
YOJ	1.15 75	P	19 12 18.0 -0.2
YOJ	S	Pb	19 12 17.9 -0.2
YOJ	S	Sb	19 12 33.7 +0.5
CHNS	1.17 241	P	19 12 19.4 +0.6
CHNS	S	Pn	19 12 36.2 +1.2
ECS	1.19 206	P	19 12 18.8 -0.2
ECS	S	Sn	19 12 37.4 +1.9
ELDTW	1.21 216	P	19 12 18.3 -1.0
ELDTW	S	Sn	19 12 37.1 +1.1
WGK	1.22 247	P	19 12 20.3 +0.8
WGK	S	Sn	19 12 37.5 +1.2
WDLH	1.24 248	eP	19 12 20.6 +0.9
EDH	1.27 201	P	19 12 19.1 -1.4
EDH	S	Pb	19 12 39.0 +1.6
WRL	1.32 259	eP	19 12 21.5 +0.4
CHN2	1.36 242	P	19 12 22.4 +0.6
CHN2	S	Sn	19 12 41.3 +1.7
STYH	1.36 223	P	19 12 21.5 -0.3
STYH	S	Sb	19 12 42.1 +2.4
WTK	1.37 250	P	19 12 23.6 +1.7
WTK	S	Sn	19 12 40.5 +0.6
TPUB	1.37 231	P	19 12 22.4 +0.4
TPUB	S	Pb	19 12 42.0 +2.0
STYT	1.38 224	P	19 12 21.5 -0.2
STYT	S	Sn	19 12 42.2 +2.0

LONT	Longtian	1.40 206	eP	Pb	19 12 22.1 -0.3
LONT	Ta-pu	eS	Sn		19 12 42.3 +1.8
WTP	baz=205	1.42 230	P	Pb	19 12 23.0 +0.2
WTP	baz=228	eS	Sn		19 12 42.8 +1.7
CHY	baz=228	1.42 242	P	Pg	19 12 22.3 -1.0
CHY	Chiayi	S	Sn		19 12 42.5 +1.5
CHY	baz=240	S	Sn		19 12 42.3 +1.5
PCYT	baz=240	1.47 10	P	Pn	19 12 22.3 -0.6
PCYT	Pengchayiu	S	Sb		19 12 41.2 -1.4
PCYT	baz=10.0	S	Sb		19 12 41.2 -1.4
TWK	baz=10.0	1.50 233	iP	Pg	19 12 24.2 -0.5
TWK	Hsinying	S	Sn		19 12 44.5 +1.5
TWK	baz=231	1.50 206	eP	Pg	19 12 24.1 -0.7
TWG	Pinlang	eS	Sg		19 12 44.6 +0.4
TWG	baz=205	1.50 206	eP	Pg	19 12 24.4 -0.4
TWGBT	Beinan	eS	Sg		19 12 44.8 +0.5
TWGBT	baz=205	eS	Sg		19 12 44.8 +0.5
CHN1	baz=205	1.52 230	P	Pg	19 12 24.8 -0.4
CHN1	Nanshi	S	Sg		19 12 44.8 -0.1
CHN1	baz=228	S	Sg		19 12 44.8 -0.1
WSF	Szhu	1.53 250	P	Pg	19 12 24.8 -0.6
WSF	baz=248	S	Pg		19 12 45.5 +0.2
SGST	Jiashian	1.55 226	iP	Pb	19 12 23.6 -0.4
SGST	baz=224	S	Sg		19 12 45.7 -0.3
SLGT	baz=224	1.57 222	P	Pg	19 12 25.6 -0.7
SLGT	Litugui	eS	Sg		19 12 46.2 -0.5
SLGT	baz=221	eS	Sg		19 12 46.2 -0.5
ICHU	Yijhu	1.60 240	eP	Pn	19 12 24.9 +0.2
ICHU	baz=238	eS	Sg		19 12 46.9 -0.8
CHN8	Yiju	1.67 241	eP	Pb	19 12 26.5 -0.5
CHN8	baz=239	eS	Sg		19 12 48.6 -0.9
ECL	Tainai	1.75 206	eP	Pb	19 12 27.7 -0.7
ECL	baz=205	S	Pb		19 12 27.8 -0.6
SCST	Chishan	1.75 223	eP	Pb	19 12 28.6 -0.2
SSD	Sandimen	1.77 217	iP	Pb	19 12 28.6 -0.2
SSD	baz=216	eS	Sg		19 12 52.2 -0.9
IRIF	Iriomote-Funau	1.78 84	P	Pb	19 12 27.7 +0.6
TSMG	Majia	1.80 216	P	Pn	19 12 28.4 -0.9
TSMG	baz=215	eS	Sb		19 12 51.9 -0.1
MASBT	Mashibuluo	1.88 215	P	Pn	19 12 28.4 -0.2
MASBT	baz=213	eS	Sn		19 12 53.2 +0.7
EAST	Anshuo	1.98 206	P	Sn	19 12 30.7 +0.8
EAST	baz=205	S	Sb		19 12 56.3 -0.9
SSPT	Xinbi	2.02 214	P	Pb	19 12 31.6 -1.4
SSPT	baz=213	P	Pb		19 12 32.6 -0.5
JKRS	Kuro-shima	2.03 88	P	Pb	19 12 32.7 -0.8
JKRS	JKRS	S	Pb		19 12 32.8 -1.4
SCZT	Fangliang	2.09 211	P	Pb	19 12 32.8 -1.4
SCZT	baz=210	S	Sb		19 12 59.1 -1.3
PNG	baz=210	2.13 254	eP	Pn	19 12 32.5 +0.6
PNG	Penghu	eS	Sb		19 13 01.5 -0.1
PNG	baz=252	eS	Sb		19 13 01.5 -0.1
PHUB	P'eng-hu	2.13 253	eP	Pn	19 12 32.2 +0.2
PHUB	baz=251	eS	Sn		19 12 59.3 +0.6
VWUC	VWUC	2.28 291	P	Pn	19 12 34.3 +0.3
VWUC	baz=290	S	Sn		19 13 02.6 +0.3
JISG	Ishigakijimahi	2.33 79	P	Pn	19 12 36.1 +1.4
JISG	VCHM	2.37 247	eP	Sn	19 13 05.4 +1.8
VCHM	Qimei	3.12 247	eP	Pb	19 12 37.0 -1.9
VCHM	baz=245	eS	Pb		19 12 45.0 -0.2
KNMB	Chin-men Tao	3.27 276	eP	Pn	19 12 37.4 -0.2
AXDP	Jialang	3.56 283	eP	Pn	19 12 53.1 +1.6
AXDP	baz=281				

**IDC 12 19:15:04.0,354.0,52.75N,32.91E,h0km,Error ellipse:
s-maj=137.0km s-min=104.4km az=24.0, Baltic
States-Belarus-Northwestern Russia**

Code	Station Name	A°	AZ°	Phase ID	Time	Res
I43RU	DUBNA INFRASON	4.70	30	i	19 45 10.0	ISC
I26DE	FREYUNG INFRASON	12.75	260	i	20 33 30.0	ISC
I48TN	KESRA INFRASON	23.75	234	i	21 40 20.0	ISC

PRU 12 19:17:39.8,0.0,50.27N,18.97E,h0km,Poland

Code	Station Name	A°	AZ°	Phase ID	Time	Res
OJC	Orcow	0.53	95	Op	19 17 49.7	ISC
OJC	Orcow	0.53	95	Op	19 17 57.1	ISC
MORC	Moravsky Berou	1.04	242	eP	19 18 00.0	ISC</

12d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARAG Araguaiana, MT, PEIX Peixe, AQDB Aquidauana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EHP Heping Village, ETL Fush Village, NACB Ninganchiao, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWD Chiawan, HWA Hwalien, HWA Hwalien, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWQ1 Liyutan, JYNG Yonagunijimaku, JYNG Zhongli, etc.

IDD 12 20:22:09.2-1.2, 24.10N, 121.89E, h0km, mb3.6/5, mb1 3.7/7, mb1mx3.4/5.1, mbtmp3.6/7, ML3.3/2, Error ellipse: s-maj=39.7km s-min=22.3km az=68.0

TAP 12 20:22:09.4, 24.16N, 121.86E, h9km, ML4.1, C JMA 12 20:22:10.6, 24.13N, 121.78E, h11km, 1km, M3.6

ISC 12 20:22:09.9-1.1, 24.15N, 0.01, 121.87E, 0.02, h3km, 8km, n136, s190/219, mb3.5/5.15C-18D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Lists various stations like Nantou City, Mingjiang, WNT, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Lists various stations like BANOM, LMD1, MASF, etc.

12d 21:25:40.4z2.0,6:98S:129:63E,h145km,20km,mb3.4/5, mbl 3.6/8, mb1mx3.3/36, mbtmp4.0/8, Error ellipse: s-maj=28.2km s-min=15.8km az=90.0

ISC 12.21:25:39.4z0.8,7.07S:0:08:129.6E:0.1,h139km,t9

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

NEIC 12.21:07:41.6z1.7,41:21N:0:06:141:43E:0:08, h108km,5km,mb4.2/15, Error ellipse: s-maj=11.1km s-min=6.2km az=134.0

OMAN 12.21:24:43.0z0.9,27:22N:54:95E,h10km,ml3.7/18, Error ellipse: s-maj=9.7km s-min=6.1km az=29.0

ANF 12.22:02:36.1z0.4,40:16N:119:18W,h0km,ML3.5/10, Error ellipse: s-maj=8.2km s-min=2.9km az=28.0

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ETM, HWA, NHDH, TATO, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like WRL, EYUL, WDLH, ECBN, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PFVI, PFAO, PFAV, etc.

CNRM 12 23:11:23.7, 36°20N-8°13W, h48km, ml3.7
MDD 12 23:11:26.0, 0.1, 36°17N-8°12W, h54km, 2km, mb4.7/45,
Error ellipse: s-maj=1, 1km s-min=0.6km az=41.0, PRXIMO
IGL 12 23:11:25.7, 36°18N-8°11W, h32km, ML3.5,
LDG 12 23:11:26.6, 0.2, 36°25N-8°06W, h25km, M13.5/19, Error
ellipse: s-maj=4.0km s-min=2.5km az=36.0
INMG 12 23:11:26.2, 1.8, 36°19N-8°10W, h34km, 13km, MD3.2,
ML3.4, Error ellipse: s-maj=3.2km s-min=2.1km az=62.0
ISC 12 23:11:21.5, 0.8, 36°18N-0°03.8, 10W, 0.04, h77km, 10km,
n216, n288/384, 18C-6D, West of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like PFARO, PFAO, PALBU, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like REAL, REAL, REAL, CHEFC, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like EDH, WJS, WDJ, WNT, WLS, etc.

DJA 13 03:27:29.5:1.0, 1°N, 5°10'00"E, h159km, 6km, M3.2/4, MLV3.2/4
IDC 13 03:27:49.1:23.0, 1°64N, 101°54E, h359km, 221km, mb3.1/4, mb1.3/2, mb1mx2.9/40, mbmtmp3.8/4, Error ellipse: s-maj=314.5km s-min=21.7km az=55.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like MNSI, PPI, PBSI, etc.

IDC 13 03:37:35.2:1.1, 57°17N, 153°14W, h0km, mb3.7/6, mb1.3/9.6, mb1mx3.6/33, mbmtmp3.7/6, MS2.7/1, Ms1.2/7.1, ms1mx2.2/35, Error ellipse: s-maj=19.8km s-min=11.7km az=115.0
NEIC 13 03:37:39.8:1.4, 57°23N, 0°03:152°49W, 0°10, h359km, 46km, Error ellipse: s-maj=8.2km s-min=4.0km az=110.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like OHAK, KDOK, KDAK, etc.

Main table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like KABU, KVTA, PLK3, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like PETK, NVAR, PDAR, etc.

DDA 13 04:14:24.8, 37°28N, 38°63E, h12km, 2km, MW3.7
ISK 13 04:14:25.0, 37°27N, 38°65E, h5km, ML3.7/14
ISC 13 04:14:25.2:1.0, 37°28N, 0°03:38°63E, 0:02, h8km, 9km, n35, 0:080/62, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like URFA, SANL, SURC, etc.

13d 4h

Table with columns: KERG, comp, station name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes data for KERG, H02S2, H0S3, H01W3, H01W2, H01W1, WRA, ASAR, TXAR.

NEIC 13 04:15:25.8±0.7, 36.282N±0.008, 97.52W±0.004, h2km, 10km, Error ellipse: s-maj=4.3km s-min=1.0km az=99.0

IDC 13 04:15:25.7±2.4, 36.32N±97.53W, h0km, mb3.4/1, mb1.3/6.3, mb1mx3.4/37, mbtmp3.2/3, ML3.8/2, MS2.4/1, Ms1.2/4.1, ms1mx2.0/26, Error ellipse: s-maj=29.8km s-min=16.3km az=92.0

TUL 13 04:15:26.0±0.8, 36.28N±0.02, 97.52W±0.06, h5km, 7km, ML3.4, mb, Lg3.4/140(NEIC), Mwv3.1/10(SLM), Error ellipse: s-maj=7.3km s-min=2.2km az=74.0

ANF 13 04:15:25.9±0.2, 36.29N±97.52W, h3km, ML4.1/19, Error ellipse: s-maj=2.3km s-min=2.2km az=154.0

NEIC 13 04:15:26.36±28N±97.52W, h4km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mr:0.0; Mw:5.4; Mw:5.4; Mn:0.97; Mw:0.98; Mr:1.5; Fault plane solution: Ms:8.20000±1013 NP1:φ=320.00000°, δ75.00000°, λ180.00000°. NP2:φ=320.00000°, 890.00000°, λ15.00000°. Principal axes: T=5.8232, Pgl1 1.00000°, Azm1 186.00000°, N=0.0011, Pgl2 75.00000°, Azm2 0.00000°, P=5.8221, Pgl1 1.00000°, Azm3 94.00000°

ISC 13 04:15:26.0±1.1, 36.29N±0.02, 97.50W±0.02, h2km, 9km, n155, c0884/138, Oklahoma

Main table for station data, columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations from CROK to U38A.

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Main table for station data, columns: U38A, comp, station name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations from U38A to T42A.

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Main table for station data, columns: CCAR, comp, station name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations from CCAR to ILAR.

DDA 13 04:16:10.3, 37.29N±38.65E, h7km±3km, ML3.0 ISK 13 04:16:10.1, 37.29N±38.64E, h3km, ML3.2/9 ISC 13 04:16:10.6±1.1, 37.31N±0.03, 38.61E±0.02, h5km±10km, n18, c067/31, Turkey

Table for station data, columns: Code, Station Name, A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations from URFA to AKCD.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MUGLA, LTK, AYDN, CHOS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MATE, PDG, VAE, BNN, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like HHC, HHC, CMAR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ISK, DDA, VANB, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like CLDR, CLDR, CLDR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like KRNET, ZEYE, UURLA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ETL, NACB, TWD, ET LH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes a large section for 'RNSC 13 08:20:56.7, 1.0, 8.18N, 77.33W, h32km, 10km, ML2.2' and 'ATH 13 08:21:07.6, 40.80N-21.19E, h14km, 3km, ML2.6/2, Error ellipse: s-maj=8.1km s-min=1.7km az=138.0'.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MPRI, BUAF, FUSEA, CLUD, PTCC, ZOU, BUC, NORS, BRNG, etc.

JORH DANN	comp=Z,679nm,1.3s	65.25	16	eP	P	10 50 33.2	-2.0
JORHAT	comp=Z,180nm,1.2s	65.25	6	eP	P	10 50 33.3	-2.2
Dangsing	comp=Z,10um,20.0s	65.32	112	IAMS_20	IAMS_20	11 12 44.4	
LHI	Lord Howe Isla	65.53	15	eP	P	10 50 35.9	-1.0
ITANAGAR	comp=Z,11um,21.0s	65.53	129	IAMS_20	IAMS_20	11 12 26.8	
Wanaka	comp=Z,11um,21.0s	66.08	25	||P	P	10 50 41.8	+1.0
Kunming				pP	pP	10 50 45.0	+0.1
KMI				sP	sP	10 50 46.3	-0.1
KMI				S	S	10 59 30.0	+1.3
KMI				SS	SS	11 03 44.8	-0.1
KMI	comp=Z,11nm,1.0s			pmax	pmax		
KMI	comp=Z,580nm,9.3s			pmax	pmax		
KMI	comp=Z,4um,18.1s			LR	LR		
KMI	comp=Z,4um,16.8s			LR	LR		
KMI	comp=Z,5um,18.8s			LR	LR		
DIBR GENI	DIBRUGARH	66.10	16	eP	P	10 50 38.2	-2.5
Genyem	comp=Z,38nm,1.2s	66.44	75	P	P	10 50 46.4	+3.2
ODZ	Otahua Downs	66.66	130	IAMS_20	IAMS_20	11 13 16.7	
LBZ	Lake Benmore	66.70	129	IAMS_20	IAMS_20	11 12 55.8	
DDI	Dehra Dun	66.99	0	eP	P	10 50 45.1	-1.2
DDI				IAMB	IAMB	10 51 01.1	
LSA	Lhasa	67.52	12	P	P	10 50 48.4	-1.8
LSA				S	S	10 59 45.4	-1.0
LSA				pmax	pmax		
LSA	comp=Z,72nm,1.1s	67.52	12	IAMB	IAMB	10 51 06.1	
LSA	comp=Z,74nm,1.5s			IAMS_20	IAMS_20	11 17 35.2	
RPZ	comp=Z,12um,20.0s	67.57	128	IAMS_20	IAMS_20	11 13 32.0	
SMLA	Simla	67.80	359	eP	P	10 50 51.7	+0.3
GZH	Guangzhou	68.47	35	S	S	11 00 10.1	+1.3
GZH				LR	LR		
GZH	comp=Z,3um,16.7s			LR	LR		
GZH	comp=Z,1um,19.4s			LR	LR		
MOZ	McQueen's Vall	68.58	129	IAMS_20	IAMS_20	11 14 14.5	
GYA	Gyantse	68.68	28	||P	P	10 50 57.8	+0.6
GYA				S	S	11 00 00.8	+1.1
GYA				pmax	pmax		
GYA	comp=Z,21nm,1.1s			pmax	pmax		
GYA	comp=Z,580nm,10.4s			pmax	pmax		
GYA	comp=Z,2um,17.7s			LR	LR		
GYA	comp=Z,2um,19.4s			LR	LR		
GYA	comp=Z,5um,23.3s			LR	LR		
DHRM	DHARAMSHALA	68.93	358	eP	P	10 50 56.1	-2.6
DHRM				IAMB	IAMB	10 51 13.7	
KHZ	Kahutara	69.80	128	IAMS_20	IAMS_20	11 16 03.0	
NNZ	Nelson	70.34	127	IAMS_20	IAMS_20	11 16 19.3	
NIL	Nilore	70.45	356	P	P	10 51 09.0	+1.2
NIL				pmax	pmax		
NIL	comp=Z,58nm,0.4s	70.45	356	P	P	10 51 09.0	+1.2
NIL				IAMS_20	IAMS_20	11 20 56.1	
KBL	Kabul	71.68	352	P	P	10 51 14.3	-1.2
KBL				pmax	pmax		
KBL	comp=Z,76nm,1.3s	71.68	352	P	P	10 51 14.3	-1.2
CD2	Chengdu	71.77	23	P	P	10 51 17.8	+1.9
CD2				pP	pP	10 51 20.8	-0.8
CD2				S	S	11 00 40.0	+4.4
CD2				SS	SS	11 05 18.6	+6.3
CD2	comp=Z,30nm,1.3s			pmax	pmax		
CD2	comp=Z,680nm,8.8s			pmax	pmax		
CD2	comp=Z,6um,18.4s			LR	LR		
CD2	comp=Z,5um,17.9s			LR	LR		
CD2	comp=Z,5um,19.4s			LR	LR		
BFZ	Birch Farm	72.45	128	IAMS_20	IAMS_20	11 16 58.2	
HRA	Herat	72.54	346	IAMS_20	IAMS_20	11 17 53.2	
QZH	Quanzhou	72.55	38	||P	P	10 51 24.6	+4.0
QZH				S	S	11 00 47.1	+2.5
QZH				SS	SS	11 05 26.9	+2.6
QZH	comp=Z,290nm,4.5s			pmax	pmax		
QZH	comp=Z,3um,16.7s			LR	LR		
QZH	comp=Z,1um,17.0s			LR	LR		
QZH	comp=Z,4um,16.3s			LR	LR		
YULB	Yu-li	72.66	41	P	P	10 51 21.2	-0.1
SSLB	Suanglung	72.80	41	IAMB	IAMB	10 51 41.5	
ENH	Enshi	73.18	28	IAMB	IAMB	10 51 53.2	
BKZ	Black Stump Fr	73.46	127	IAMS_20	IAMS_20	11 17 31.8	
OUZ	Omahuta	73.75	122	IAMS_20	IAMS_20	11 16 10.0	
PMSA	Palmer Station	74.25	196	IAMS_20	IAMS_20	11 22 50.4	
URZ	Urewera	74.37	126	IAMS_20	IAMS_20	11 19 19.0	
WHN	Wuhan	75.37	32	P	P	10 51 37.3	+0.3
MXZ	Matakaoa Point	75.54	126	IAMS_20	IAMS_20	11 20 17.1	
CHGR	Chuyangaron	75.74	353	IAMB	IAMB	10 51 48.8	
ONTNC	Ouen Toro	75.78	107	IAMS_20	IAMS_20	11 22 09.7	
DZM	Mont Dzumac	75.90	107	eS	S	11 01 21.2	-1.8
DZM				eSS	SS	11 06 16.6	+1.6
DZM	comp=Z,2um,27.1s			eLR	LR	11 14 59.6	
DZM	comp=Z,15um,25.9s	75.90	107	IAMS_20	IAMS_20	11 25 42.0	
DZM	comp=Z,9um,18.0s			IAMS_20	IAMS_20	11 25 42.0	
GAR	Garm	75.98	354	P	P	10 51 38.8	-1.7
GAR				IAMB	IAMB	10 51 57.3	
OUENC	Ouen Island, N	76.01	108	IAMS_20	IAMS_20	11 22 07.9	
KSH	Kashi	76.19	358	P	P	10 51 40.3	-1.4
KSH				sP	sP	10 51 46.6	-0.7
KSH				PcP	PcP	10 51 53.1	-0.6
KSH				S	S	11 01 21.4	-3.7
KSH	comp=Z,18nm,1.0s			pmax	pmax		
KSH	comp=Z,300nm,4.3s			LR	LR		
KSH	comp=Z,5um,16.1s			LR	LR		
KSH	comp=Z,5um,15.6s			LR	LR		
KSH	comp=Z,6um,18.0s			LR	LR		
XAN	Xi'an	76.36	26	P	P	10 51 42.9	+0.2
XAN				pP	pP	10 51 50.6	0.0
XAN				PP	PP	10 53 3.8	+1.5
XAN				S	S	11 01 26.8	-0.3
XAN				SS	SS	11 06 24.6	+2.4
XAN	comp=Z,30nm,1.2s			pmax	pmax		

XAN	comp=Z,100nm,3.5s			LR	LR		
XAN	comp=Z,3um,17.9s			LR	LR		
XAN	comp=Z,4um,18.4s			LR	LR		
PINNC	comp=Z,7um,18.0s	76.36	108	IAMS_20	IAMS_20	11 22 09.2	
Pines Island	comp=Z,9um,19.0s	76.61	21	eP	P	10 51 45.4	+1.2
Lanzhou				pP	pP	10 51 48.3	0.0
LZH				sP	sP	10 51 51.0	-1.1
LZH				eS	eS	11 01 24.8	-5.1
LZH				SS	SS	11 06 26.0	-0.1
LZH	comp=Z,21nm,1.0s			pmax	pmax		
LZH	comp=Z,500nm,5.2s			LR	LR		
LZH	comp=Z,5um,16.0s			LR	LR		
LZH	comp=Z,3um,15.7s			LR	LR		
LZH	comp=Z,4um,17.9s			LR	LR		
GEYT	Alibeck	76.80	344	P	P	10 51 43.5	-1.6
GEYT	comp=Z,197nm,0.6s,baz=229,slo=4.3,SNR=1.5			LR	LR	11 22 16.3	
GEYT	comp=Z,3um,18.1s,baz=135,slo=33	76.80	344	IAMB	IAMB	10 51 49.0	
BTk	Batken	76.99	354	P	P	10 51 45.8	-0.3
BTk				pmax	pmax		
BTk	comp=Z,167nm,1.6s	76.99	354	P	P	10 51 45.8	-0.3
LIFNC	LIFOU	77.25	106	IAMS_20	IAMS_20	11 25 37.8	
EIL	Eilat	77.64	323	P	P	10 51 51.5	+1.6
EIL	comp=Z,7.0nm,1.0s,baz=202,slo=21,SNR=3.7			LR	LR	11 19 11.8	
HNR	Honiara	78.02	93	IAMS_20	IAMS_20	11 22 57.0	
NJ2	Nanjing	78.64	35	eP	P	10 51 55.8	+0.4
NJ2				pP	pP	10 51 58.9	-0.6
NJ2				sP	sP	10 52 03.9	-0.4
NJ2				S	S	11 01 50.6	-1.1
NJ2				SS	SS	11 02 18.4	+2.6
NJ2				SS	SS	11 07 01.3	+4.8
NJ2	comp=Z,9.0nm,0.5s			pmax	pmax		
NJ2	comp=Z,320nm,4.4s			LR	LR		
NJ2	comp=Z,4um,21.5s			LR	LR		
NJ2	comp=Z,1um,19.7s			LR	LR		
NJ2	comp=Z,5um,23.3s			LR	LR		
GTA	Gaotai	78.68	17	||P	P	10 51 55.3	-0.3
GTA				pP	pP	10 52 00.1	-1.2
GTA				sP	sP	10 52 03.3	-0.3
GTA				S	S	11 01 48.5	-3.6
GTA				SS	SS	11 07 02.3	+5.1
GTA	comp=Z,6.0nm,1.1s			pmax	pmax		
GTA	comp=Z,440nm,7.3s			LR	LR		
GTA	comp=Z,3um,19.3s			LR	LR		
GTA	comp=Z,2um,20.4s			LR	LR		
GTA	comp=Z,4um,20.0s			LR	LR		
AML	Almayashu	78.87	357	P	P	10 51 59.4	+2.4
UHLH	Uthmaniyah	78.91	359	P	P	10 51 59.2	+2.3
SSE	Sheshan	78.92	37	P	P	10 51 58.3	+1.3
SSE				pmax	pmax		
SSE	comp=Z,9.0nm,0.8s			pmax	pmax		
SSE	comp=Z,87nm,5.3s			LR	LR		
SSE	comp=Z,510nm,23.9s			LR	LR		
UCH	Uchter	78.94	357	P	P	10 51 59.4	+2.0
IUG	Iuzhnyay	79.12	354	eP	P	10 51 57.3	-0.7
IUG	Iuzhnyay	79.12	354	eS	S	11 01 59.7	+3.0
IUG	Iuzhnyay	79.12	354	eP	P	10 51 57.3	-0.7
IUG	Iuzhnyay	79.12	354	eS	S	11 01 59.6	+2.9
IUG	Iuzhnyay	79.12	354	eP	P	10 51 58.8	+0.6
BOOM	Boomsokoye usch	79.16	358	P	P	10 51 58.8	+0.6
BOOM				pmax	pmax		
BOOM	comp=Z,17nm,1.0s	79.16	358	P	P	10 51 58.8	+0.6
CHM	Chimkent	79.33	354	eS	S	11 01 59.1	+0.3
AAK	Ala-Archa	79.35	357	P	P	10 51 58.0	-1.2
AAK	Ala-Archa	79.35	357	P	P	10 52 02.0	+2.7
AAK	Ala-Archa	79.35	357	eP	P	10 51 58.7	-0.5
AAK	Ala-Archa	79.35	357	P	P	10 51 58.7	-0.5
AAK	Ala-Archa	79.35	357	P	P	10 51 58.7	-0.5
AAK	Ala-Archa	79.35	357	P	P	10 51 58.7	-0.5
EKS2	Erkin-Say	79.40	357	P	P	10 51 57.1	-2.4
CHMS	Chumyshy	79.70	358	P	P	10 52 02.8	+1.8
SATY	Saty	79.70	0	eP	P	10 52 00.1	-1.1
SATY	comp=Z,10nm,0.9s			eS	S	11 02 01.6	-1.3
SATY	Saty	79.70	0	eS	S	10 52 00.0	-1.1
SATY	Saty	79.70	0	eS	S	11 02 01.6	-1.3
DZA	Taraz	79.77	355	eP	P	10 52 00.1	-1.3
DZA	Taraz	79.77	355	eS	S	11 02 03.5	+0.2
DZA	Taraz	79.77	355	eP	P	10 52 00.1	-1.3
DZA	Taraz	79.77	355	eS	S	11 02 03.5	+0.2
UZB	Uzymbulak	79.80	1	eP	P	10 52 00.1	-1.6
UZB	Uzymbulak	79.80	1	eS	S	11 02 03.5	-0.4
UZB	Uzymbulak	79.80	1	eP	P	10 52 00.1	-1.6
UZB	Uzymbulak	79.80	1	eS	S	11 02 03.5	-0.4
UZB	Uzymbulak	79.80	1	eP	P	10 52 00.1	-1.6
UZB	Uzymbulak	79.80	1	eS</			

Table with columns: Country, Name, Time, Date, Status, and other details. Includes entries for KSRS, KURK, SOC, etc.

Table with columns: Country, Name, Time, Date, Status, and other details. Includes entries for ARU, ARU, ARU, etc.

Table with columns: Country, Name, Time, Date, Status, and other details. Includes entries for ES03, ES04, ES02, etc.

13d 13h

Table with columns: PRN, Name, Az, El, Pn, Pn, Time, Res. Includes stations like Pahroc Range, Hardware Ranch, North Lily Mtn, etc.

NEW comp=E,0.2nm,0.3s,baz=202,slow=1.1,SNR=2.2 Lg 11 34 33.0

MVU Marysville 6.67 119 Pn Pn 11 32 48.3 +1.2

ZCU Shurtz Canyon 6.68 128 Pn Pn 11 32 48.3 +1.0

MSU Marysville 6.68 119 Pn Pn 11 32 48.3 +1.0

MTPU Mount Pierson 6.95 122 Pn Pn 11 32 52.2 +1.4

KNB Kanab 7.24 131 Pn Pn 11 32 56.5 +1.7

PKCU Pink Cliffs 7.25 126 Pn Pn 11 32 56.8 +1.6

PDAR Pinedale Array 7.55 80 Pn Pn 11 33 00.7 +1.5

U15A North Rim 7.95 131 Pn Pn 11 33 07.6 +2.8

WALA Waterlon Lakes 8.19 28 Pn Pn 11 33 10.7 +2.8

PFO Pinyon Flats O 8.70 162 Lg Lg 11 35 44.0

PV21 Cone Mtn., Par 8.86 110 Pn Pn 11 33 19.4 +2.2

PV14 Lion Creek, Pa 8.86 110 Pn Pn 11 33 19.7 +1.8

PV22 Blue Mesa, Par 9.00 109 Pn Pn 11 33 21.4 +2.3

PV16 Nyswonger Mesa 9.01 110 Pn Pn 11 33 20.8 +1.6

PV11 David Mesa, Pa 9.05 110 Pn Pn 11 33 20.7 +1.0

ANMO Albuquerque 12.50 120 Pn Pn 11 34 05.6 -1.3

TXAR Lajitas Array 18.29 129 Pn Pn 11 35 18.1 -2.1

YKA Yellowknife Ar 20.80 7 Pn Pn 11 35 50.3 +0.1

ILAR Kilsnoy Array 27.62 320 Pn Pn 11 36 56.5 +0.1

NOU 13 11:55:44.8, 36:96S; 177:173E, h325km, ML4.6/8, Off E.

Coast of N. Island, N.Z. 13 11:55:46.5, 1.8, 36:58S; 177:12E, h270km, 11km, mb3.5/4,

mb1 3.7/4, mb1mx3.2/2.9, mbtmp4.1/4, Error ellipse: s-maj=42.9km az=43.0

WEL 13 11:55:52.0, 0.7, 37:51S; 177:7E, h262km, 6km, M3.9/121,

MLV3.9/121, Error ellipse: s-maj=0.0km s-min=0.0km az=43.0

ISC 13 11:55:49.6, 0.8, 37:12S; 176:71E, 0.06, h293km, 6km,

n64, r136/182, mb3.6/4, North Island

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like MYRZ Mayor Island, TGRZ Taunanga, OPRZ Ohinepeana, etc.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like MTVZ Mangateitei, VRZ Vera Road, KRHZ Kereru, etc.

MAN 13 11:57:41.2, 5:19N; 126:14E, h104km, mb4.4, ML3.2, MS3.0, Mindanao

ISC 13 12:27:56.4, 0.9, 3:83N; 32:53W, h0km, mb3.9, mb1 4.1/9,

mb1mx3.9/3.8, mbtmp3.9/9, Error ellipse: s-maj=32.5km s-min=22.3km az=157.0

NEIC 13 12:27:58.8, 1.2, 3:9N; 0.1, 1, h10km, 1km, mb4.4/9, Error ellipse: s-maj=21.8km s-min=16.6km az=338.0

ISC 13 12:27:57.8, 0.6, 3:9N; 0.1, 3:26W; 0.1, h10km, n26, r0584/15, mb4.2/11, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like RCBR Riachuelo, H10N3 ASCENSION HYDR21, etc.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like WRA 0.3nm, 0.3s, baz=335, slow=15, SNR=29, etc.

NEIC 13 12:31:10.7, 1.4, 12:33S; 0.1; 106:17E; 0.2, h222km, 7km, mb4.4/20, Error ellipse: s-maj=27.3km s-min=13.2km az=100.0

ISC 13 12:31:12.5, 3.5, 12:43S; 166:93E, h241km, 33km, mb3.7/15, mb1 3.9/16, mb1mx3.8/3.2, mbtmp4.3/16, Error ellipse: s-maj=23.3km s-min=17.7km az=128.0

ISC 13 12:31:08.0, 0.6, 12:22S; 0.09; 166:9E; 0.1, h200km, n46, r152/47, mb4.2/24, Santa Cruz Islands

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like SANVU Saraoutou, DZM Mont Dzumac, EIDS Eidsvold, etc.

TUL 13 13:59:41.8, 1.4, 35:75N; 0.02; 97:39W; 0.06, h5km, 6km, ML3.4, mb_Lg3.2/115(NEIC), Error ellipse: s-maj=7.1km s-min=2.7km az=79.0

NEIC 13 14:59:41.7:1.5,35.767N,0:04.9746W,0:06,h8km,4km, Error ellipse: s-maj=6.9km s-min=5.6km az=64.0, Oklahoma

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

Table with columns: JFWS, WCI, BLO, SFIN, PV13, PV11, PV05, RWVW, I40A, FPAL, K22A, W50A. Lists specific seismic events with their codes and details.

IDC 13 14:02:54.2:0.8,29:50N,42:87W,h0km,mb3.8/14, mb1.4/14, mb1mx3.9/44, mbmp3.8/14, MS3.5/3, Ms1.3/5.3, ms1mx3.1/61, Error ellipse: s-maj=25.3km s-min=16.9km az=170.0, NEIC 13 14:02:56.0:2.8,29:50N,42:87W,0:1, h10km,3km, mb4.5/20, Error ellipse: s-maj=28.7km s-min=19.3km az=180.0

ISC 13 14:02:56.3:0.7,29:50N,0:1,42:80W,0:09,h14km,n45, o=98/38,mb4.1/22,MS3.5/3,Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, A, AZ, Phase, ID, Time, Res, ISC. Lists a large number of seismic stations and their associated data points.

BUI 13 14:04:55.1:0.0,3:75S,153:30E,h139km,mb5.6/29, mb5.6/52

MOS 13 14:04:56.6:0.8,3:92S,152:91E,h146km,mb5.6/48, Error ellipse: s-maj=8.4km s-min=5.3km az=96.5

NEIC 13 14:04:57.2:2.3,3:98S:0:07,152:89E:0:07,h135km,1km, Ms5.7/19.1, Mw5.6/18, Mwcs:7/GCMT), Error ellipse: s-maj=11.7km az=3.0

IDC 13 14:04:57.4:0.4,3:97S,152:89E,h136km,3km,mb5.1/31, mb1.5/24, mb1mx5.2/40, mbimp5.6/34, MS4.8/4, Ms1.4/8.4, ms1mx4.0/43, Error ellipse: s-maj=8.2km s-min=6.6km az=74.0

DJA 13 14:04:58.6:0.4,4:3S,3:15E, h143km,4km, M5.5/92, mb5.9/92, mb6.0/62, MLV5.6/2, Mw(MB)5.6/62, MwMwp5.4/12, Mwp5.6/12

NEIC 13 14:04:58.1,3:92S,152:91E,h130km,Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=0.46; Mw=1.18; Mw1.65; Mw=2.91; Mw=0.42; Mw1.59; Fault plane solution: Ms3.650000, NP2:0:17, NP1:0:27,000000, Azm238.000000, N 0.070, Plg43.000000, Azm128.000000, P 3.1643, Plg45.000000, Azm359.000000

NEIC 13 14:04:59.3,3:98S,152:85E,h138km,Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=0.89; Mw=0.88; Mw=1.77; Mw=2.28; Mw=1.11; Mw1.00; Fault plane solution: Ms3.130000, NP1:0:17, NP1:0:17,000000, Azm238.000000, N 17.000000, NP2:0:122,000000, Azm80.000000, Azm238.000000, N 0.070, Plg43.000000, Azm128.000000, P 3.1643, Plg45.000000, Azm359.000000

NEIC 13 14:04:59.3,3:98S,152:85E,h130km,Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=0.89; Mw=0.88; Mw=1.77; Mw=2.28; Mw=1.11; Mw1.00; Fault plane solution: Ms3.130000, NP1:0:17, NP1:0:17,000000, Azm238.000000, N 17.000000, NP2:0:122,000000, Azm80.000000, Azm238.000000, N 0.070, Plg43.000000, Azm128.000000, P 3.1643, Plg45.000000, Azm359.000000

NEIC 13 14:04:59.3,3:98S,152:85E,h130km,Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=0.89; Mw=0.88; Mw=1.77; Mw=2.28; Mw=1.11; Mw1.00; Fault plane solution: Ms3.130000, NP1:0:17, NP1:0:17,000000, Azm238.000000, N 17.000000, NP2:0:122,000000, Azm80.000000, Azm238.000000, N 0.070, Plg43.000000, Azm128.000000, P 3.1643, Plg45.000000, Azm359.000000

NEIC 13 14:04:59.3,3:98S,152:85E,h130km,Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=0.89; Mw=0.88; Mw=1.77; Mw=2.28; Mw=1.11; Mw1.00; Fault plane solution: Ms3.130000, NP1:0:17, NP1:0:17,000000, Azm238.000000, N 17.000000, NP2:0:122,000000, Azm80.000000, Azm238.000000, N 0.070, Plg43.000000, Azm128.000000, P 3.1643, Plg45.000000, Azm359.000000

NEIC 13 14:04:59.3,3:98S,152:85E,h130km,Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr=0.89; Mw=0.88; Mw=1.77; Mw=2.28; Mw=1.11; Mw1.00; Fault plane solution: Ms3.130000, NP1:0:17, NP1:0:17,000000, Azm238.000000, N 17.000000, NP2:0:122,000000, Azm80.000000, Azm238.000000, N 0.070, Plg43.000000, Azm128.000000, P 3.1643, Plg45.000000, Azm359.000000

delta3.000000, lambda-18.000000, NP2:0:126.000000, delta78.000000, lambda-131.000000, Principal axes: T 3.9600, Plg22.0000, Azm240.0000, N 0.6161, Plg40.0000, Azm137.0000, P -4.5761, Plg42.0000, Azm358.0000, GCMT 13 14:04:59.7:0.1,3:97S:0:01,152:82E:0:01,h140km,1km, MW5.7/154,Moment Tensor Solution. s128,c220; s154,c331; Duration: 1s7 Moment tensor: Scale 10^17 Nm; Mr=1.18; Mw=1.66; Mw=0.5; Mw=2.84; Mw=2.89; Mw=1.15; Mw=0.88; Mw=0.88; Best double couple: Ms4.036000, NP2:0:1017, NP1:0:22,000000, delta2.000000, lambda-18.000000, NP2:0:126.000000, delta78.000000, lambda-131.000000, Principal axes: T 3.7430, Plg22.0000, Azm246.0000, N 0.5860, Plg40.0000, Azm136.0000, P -4.3290, Plg42.0000, Azm357.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 14:04:57.0:3.3,3:94S:0:03,152:92E:0:04,h142km,2km, h140km,pp-P,n1138, o=19/20,mb5.6/250,123C-134D, Fault plane solution: NP1:0:34,19542, delta71.21491, lambda-11.60067, NP2:0:127.97746, delta79.02516, lambda-160.85144, Principal axes: T Plg5.34111, Azm260.11377, N Plg68.0322, Azm156.7123, P Plg21.2427, Azm352.1965, New Ireland region

Table with columns: Code, Station Name, A, AZ, Phase, ID, Time, Res, ISC. Lists a large number of seismic stations and their associated data points.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like N25K, H23K, HARP, CCB, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BOOM, KUU, BMAR, EGAK, NIL, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like OSI, SC12, I07A, MLAC, CIS, etc.

13d 14h

Table with columns for station name, coordinates, and various parameters. Includes stations like BCLA Clavier, MATE Matera, SGRT San Giovanni R, RCHB Rochefort, BMRD Marecosun, etc.

2015 AUG

Table with columns for station name, coordinates, and various parameters. Includes stations like PBEJ Beja, PNCE Nicolau V Geran, PVAL Vaqueiros, PBDV Brancovo-De, etc.

684

Table with columns for station name, coordinates, and various parameters. Includes stations like ASIES 13 14:08:02.5, NEIC 13 14:08:04.2, GCMT 13 14:08:04.1, etc.

685		2015 AUG										13d 14h							
TWF1	S	Sn	14 08 38.4	-1.0	baz=234	CHN2	Minshiung	1.86 256	eP	Pn	14 08 32.7	+0.5	VDOS	Pratas Island	6.22 239	eP	Sn	14 10 40.6	-1.9
NWF	Wu-fen Shan	1.24 331	↑P	Pn	baz=235	WRL	Guollerin Hig	1.90 268	eP	Pn	14 08 33.8	+1.1	CVP	Callao Caves	6.28 185f	eP	Pn	14 09 33.0	+0.1
NWF		1.24 331	↑P	Sb	baz=331	WTK	Tuku	1.91 261j	eP	Pn	14 08 34.6	-1.2	SZP	Santa	6.67 197j	eP	Sn	14 09 40.3	+2.0
WFSB	Wu-fen Shan	1.24 331	↑P	Pn	baz=331	CHY	Chiayi	1.92 256	eP	Pb	14 08 35.4	-0.6	SSE	Sheshan	6.67 197	eP	Pn	14 09 38.2	-0.2
WFSB		1.24 331	↑P	Sb	baz=331	CHY			eS	Sn	14 08 56.2	-0.1	SSE		7.17 351	eP	Sn	14 11 05.1	-0.7
HATJ	Hateruma jima	1.24 87	P	Pb	baz=331	CHY			eS	Sn	14 08 56.2	-0.1	SSE				smax		
HATJ		1.26 322	↑P	Sb	baz=331	SLGT	Liugu	1.93 239j	eP	Pn	14 08 33.9	+0.8	SSE				smax		
TWA	Mucha	1.26 322	↑P	Sb	baz=321	CHN1	Nanmi	1.94 246j	↑P	Pn	14 08 34.7	+1.5	SSE				smax		
TWA		1.26 322	↑P	Sb	baz=321	CHN1			eS	Sb	14 08 59.3	-0.7	SSE	comp=N,240nm,1.1s					
NHND	Xindian Distri	1.28 319f	eP	Pb	baz=318	SGST	Jiashian	1.94 243	eP	Pn	14 08 33.9	+0.7	SSE	comp=E,430nm,1.1s	7.83 259	eP	Pn	14 09 55.9	+1.6
NHND		1.28 319f	eP	Pb	baz=318	SGST			eS	Sb	14 08 42.4	+1.1	SSE				smax		
TNOU	National Taiwa	1.31 332	↑P	Pn	baz=332	SGST			eS	Sb	14 08 24.2	-0.3	SSE				smax		
TNOU		1.31 332	↑P	Sn	baz=332	SGST			eS	Sb	14 08 41.4	0.0	SSE	comp=N,1μm,1.1s					
TNOU		1.31 332	↑P	Sn	baz=332	SGST			eS	Sb	14 08 41.4	0.0	SSE	comp=N,1μm,0.9s					
TATO	Taipei	1.32 318f	↑P	Pb	baz=317	SGST			eS	Sb	14 08 25.4	-0.4	SSE				smax		
TATO		1.32 318f	↑P	Sb	baz=317	SGST			eS	Sb	14 08 43.8	+1.6	SSE				smax		
TATO		1.32 318	↑P	Pn	baz=317	SGST			eS	Sb	14 08 25.1	+0.4	SSE				smax		
NHY	Taipei	1.32 323	eP	Pn	baz=338	SGST			eS	Pn	14 08 24.1	-0.6	SSE				smax		
FULB	Full	1.32 234	↑P	Pn	baz=224	SGST			eS	Pn	14 08 23.7	-1.0	SSE				smax		
CHKT	Chengkung	1.33 229j	↑P	Pn	baz=224	SGST			eS	Pn	14 08 23.6	-1.2	SSE				smax		
CHKT		1.33 229j	↑P	Sn	baz=224	SGST			eS	Sn	14 08 40.2	-1.7	SSE				smax		
TAP1	Taipei	1.34 321	eP	Pb	baz=320	SGST			eS	Pb	14 08 26.4	+0.2	SSE				smax		
BACT	New Taipei Cit	1.36 318	eP	Pb	baz=317	SGST			eS	Pb	14 08 26.1	-0.4	SSE				smax		
WPL	Puli Township	1.36 271	↑P	Pn	baz=269	SGST			eS	Pn	14 08 25.2	-0.1	SSE				smax		
SSLB	Suanguilung	1.38 262	eP	Pn	baz=260	SGST			eS	Pn	14 08 25.0	-0.2	SSE				smax		
SSLB		1.38 262	eP	Pn	baz=260	SGST			eS	Pn	14 08 25.0	-0.6	SSE				smax		
SSLB	Suanguilung	1.38 262	eP	Pn	baz=260	SGST			eS	Pn	14 08 25.0	-0.6	SSE				smax		
DPDB	Guxiong	1.39 272	eP	Pn	baz=270	SGST			eS	Pn	14 08 25.7	-0.1	SSE				smax		
WHP	Taichung City	1.40 282	↑P	Pn	baz=270	SGST			eS	Pn	14 08 26.2	+0.3	SSE				smax		
YMO1	YMO1	1.40 325f	↑P	Pn	baz=325	SGST			eS	Pn	14 08 25.8	-0.2	SSE				smax		
WCS	Beigang Elemen	1.41 273	eP	Pn	baz=271	SGST			eS	Pn	14 08 25.8	-0.1	SSE				smax		
SMT	Sun Moon Lake	1.42 266	↑P	Pn	baz=264	SGST			eS	Pn	14 08 26.0	-0.3	SSE				smax		
ECS	Chishang	1.44 323	eP	Pn	baz=218	SGST			eS	Sn	14 08 44.3	-0.2	SSE				smax		
ECS		1.44 323	eP	Sn	baz=218	SGST			eS	Sn	14 08 44.3	-0.2	SSE				smax		
JKRS	Kuro-shima	1.45 80	P	Pb	baz=299	SGST			eS	Pb	14 08 28.2	+0.2	SSE				smax		
NJD	Zhudong	1.45 301	eP	Pb	baz=299	SGST			eS	Pb	14 08 27.8	-0.2	SSE				smax		
TWS1	Kuangyinshan	1.45 320	eP	Pn	baz=336	SGST			eS	Pn	14 08 26.6	0.0	SSE				smax		
NTY	Taoyuan	1.45 314	eP	Pn	baz=329	SGST			eS	Pn	14 08 27.2	+0.6	SSE				smax		
EDH	Donghe	1.46 226j	↑P	Pn	baz=223	SGST			eS	Pn	14 08 25.6	-1.0	SSE				smax		
TYC	Yuchr	1.46 267f	↑P	Pn	baz=265	SGST			eS	Pn	14 08 26.6	-0.1	SSE				smax		
YUS	Yu-Shan	1.46 250j	↑P	Pn	baz=248	SGST			eS	Pn	14 08 26.8	-0.2	SSE				smax		
ANP	Anpu	1.46 325	eP	Pn	baz=324	SGST			eS	Pn	14 08 26.7	-0.1	SSE				smax		
NSTT	Nanjuang	1.47 296f	↑P	Sb	baz=294	SGST			eS	Pb	14 08 27.7	-0.6	SSE				smax		
NSTT		1.47 296f	↑P	Sb	baz=294	SGST			eS	Pb	14 08 46.3	-0.2	SSE				smax		
NTST	Danshui	1.48 322	eP	Pn	baz=338	SGST			eS	Pn	14 08 27.6	+0.6	SSE				smax		
WHYT	Xinyi Township	1.49 259j	↑P	Pn	baz=252	SGST			eS	Pn	14 08 27.4	+0.3	SSE				smax		
TWY	Chenhua	1.50 329	↑P	Pn	baz=328	SGST			eS	Pn	14 08 27.1	0.0	SSE				smax		
TWY		1.50 329	↑P	Sb	baz=328	SGST			eS	Sb	14 08 47.4	0.0	SSE				smax		
NCU	National Centr	1.51 311	eP	Pn	baz=309	SGST			eS	Pn	14 08 27.8	+0.5	SSE				smax		
NCU		1.51 311	eP	Pn	baz=309	SGST			eS	Pn	14 08 27.7	+0.3	SSE				smax		
HSN1	Hsinchu	1.52 301	eP	Pn	baz=299	SGST			eS	Pn	14 08 28.3	+0.8	SSE				smax		
ELDTW	Lidau	1.54 239j	↑P	Pn	baz=236	SGST			eS	Pn	14 08 26.9	-0.9	SSE				smax		
SBCB	Hsinchu	1.56 301	↑P	Pn	baz=299	SGST			eS	Pn	14 08 28.8	+0.9	SSE				smax		
TWQ1	Liyutan	1.57 284f	↑P	Pb	baz=281	SGST			eS	Pb	14 08 28.5	-0.6	SSE				smax		
HSN	Hsinchu	1.57 301	eP	Pn	baz=301	SGST			eS	Pn	14 08 28.3	+0.1	SSE				smax		
ALS	Alishan	1.58 253j	↑P	Pb	baz=251	SGST			eS	Pb	14 08 29.0	+0.4	SSE				smax		
WJS	Zhushan	1.58 264	eP	Pb	baz=262	SGST			eS	Pb	14 08 29.4	-0.9	SSE				smax		
LDUT	Ludao	1.59 215	P	Pn	baz=211	SGST			eS	Pn	14 08 27.5	-0.9	SSE				smax		
LDUT		1.59 215	P	Sn	baz=211	SGST			eS	Sn	14 08 46.0	-2.2	SSE				smax		
JJ	Ishigaki jima	1.59 76	P	Sb	baz=270	SGST			eS	Sb	14 08 29.5	-0.9	SSE				smax		
NJN	Zhunan	1.60 296	eP	Pb	baz=294	SGST			eS	Pb	14 08 50.7	+0.6	SSE				smax		
NSY	Sanyi	1.60 286f	↑P	Pb	baz=284	SGST			eS	Pb	14 08 29.7	-0.8	SSE				smax		
NSY		1.60 286f	↑P	Sb	baz=284	SGST			eS	Sb	14 08 30.0	-0.6	SSE				smax		
WWF	Wufeng	1.60 272	↑P	Pb	baz=270	SGST			eS	Pb	14 08 30.2	-0.4	SSE				smax		
WNT	Mingjian	1.62 266	eP	Pb	baz=264	SGST			eS	Pb	14 08 29.9	-1.0	SSE				smax		
LONT	Longtian	1.62 229j	↑P	Pn	baz=239	SGST			eS	Pn	14 08 28.1	-0.7	SSE				smax		
LONT		1.62 229j	↑P	Sn	baz=239	SGST			eS	Sn	14 08 49.6	+0.5	SSE				smax		
WNT1	Nantou City	1.62 267	eP	Pb	baz=265	SGST			eS	Pb	14 08 30.6	-0.3	SSE				smax		
TCU	Taichung	1.63 276f	↑P	Pb	baz=274	SGST			eS	Pb	14 08 30.4	-0.7	SSE				smax		
CHN5	Tsauling	1.67 257	eP	Pn	baz=255	SGST			eS	Pn	14 08 30.2	+0.6	SSE				smax		
PCYT	Pengchayiu	1.67 348f	↑P	Pn	baz=331	SGST			eS	Pn	14 08 29.6	+0.1	SSE				smax		
PCYT		1.67 348f	↑P	Sn	baz=331	SGST			eS	Sn	14 08 50.6	+0.4	SSE				smax		
WDJ	Dajia District	1.69 283	↑P	Pb	baz=289	SGST			eS	Pb	14 08 31.0	-1.1	SSE				smax		
WYL	Yuanlin Townsh	1.71 269	eP	Pb	baz=267	SGST			eS	Pb	14 08 31.6	-0.9	SSE				smax		
TTN	Taitung	1.71 225	eP	Pn	baz=222	SGST			eS	Pn	14 08 30.2	0.0	SSE				smax		
TWGBT	Beinan	1.71																	

Table with columns for station code, name, frequency, time, and signal strength. Includes stations like KSBN Boeun, KSDEI Deokjeokdo, INCN Incheon, etc.

comp=Z,3um,18.0s	MLR	MLR								ARU	comp=Z,30nm,0.8s		IAMS_20	IAMS_20	14 43 03.4	
YUK	comp=N,4um,16.0s									GAMB	comp=Z,2um,21.0s	58.10	29	IAMS_20	IAMS_20	14 45 13.6
YUK	MLR	MLR								STKA	comp=Z,2um,19.0s	58.49	161	P	P	14 18 00.3 +4.3
YSS	comp=E,4um,19.0s	28.10	30	P	14 13 47.8 -3.8						comp=Z,6.9nm,0.8s,baz=301,slow=12,SNR=1.5					14 45 07.1
YSS	IAMS_20	IAMS_20	14 25 11.5							STKA	comp=Z,915nm,19.4s,baz=348,slow=38					14 17 55.6 -0.4
LSA	comp=Z,6um,19.0s	28.45	288	P	14 13 59.8 +4.3					STKA	comp=Z,2um,19.0s	58.49	161	P	P	14 18 05.2 +2.4
LSA	LR	LR								BANOM	comp=Z,2um,19.0s	59.41	287	P	P	14 18 05.6 +2.1
LSA	comp=Z,9um,11.6s									SHME	comp=Z,2um,19.0s	59.52	287	P	P	14 18 05.4 +0.6
LSA	LR	LR								MDH	comp=Z,2um,19.0s	59.64	286	P	P	14 18 05.6 +1.2
LSA	comp=Z,6um,14.5s	28.45	288	P	14 13 57.5 +2.0					SOHO	comp=Z,2um,19.0s	59.64	285	P	P	14 18 05.6 +1.9
LSA	comp=Z,6um,19.0s	28.45	288	IAMS_20	IAMS_20	14 26 13.1				MSFE	comp=Z,2um,19.0s	59.73	286	P	P	14 18 06.0 +1.0
UGL	comp=Z,6um,19.0s	29.41	27	eP	14 14 04.4 +1.1					UOSS	comp=Z,2um,19.0s	59.73	286	P	P	14 18 05.1 +0.1
UGL	comp=Z,220nm,1.2s			eS	14 18 56.5 +0.7					UOSS	comp=Z,2um,19.0s	59.73	286	IAMB	IAMB	14 18 16.8
UGL	comp=E,2um,18.0s			smax						HATD	comp=Z,27nm,1.1s	59.83	286	iP	P	14 18 06.8 +1.1
UGL	comp=E,2um,10.0s			MLR						ASHO	comp=Z,2um,19.0s	59.93	286	iP	P	14 18 07.0 +0.7
UGL	comp=N,2um,16.0s			MLR						FAQ	comp=Z,2um,19.0s	60.32	286	iP	P	14 18 10.3 +1.3
UGL	comp=Z,4um,15.0s			MLR						ALNE	comp=Z,2um,19.0s	60.35	285	iP	P	14 18 10.2 +0.9
ZEA	comp=Z,4um,15.0s	29.93	6	eP	14 14 06.4 -1.4					ASUD	comp=Z,2um,19.0s	60.58	286	P	P	14 18 12.1 +1.3
ZEA	comp=Z,4um,15.0s			eS	14 18 57.1 -6.7					ANNM	comp=Z,3um,18.0s	60.95	28	IAMS_20	IAMS_20	14 48 08.1
ZEA	comp=Z,10.0nm,1.0s			pmx						KIRV	comp=Z,4um,20.3s,baz=83,slow=38	61.04	325	LR	LR	14 46 41.7
ZEA	comp=Z,200nm,6.0s			pmx						KIRV	comp=Z,4um,20.3s,baz=83,slow=38	61.04	325	eP	P	14 18 11.9 -1.4
ZEA	comp=Z,400nm,8.1s			pmx						SHAO	comp=Z,4um,20.3s,baz=83,slow=38	62.17	278	P	P	14 18 21.8 +0.2
ZEA	comp=E,200nm,15.3s			smx						BELG	comp=Z,4um,20.3s,baz=83,slow=38	62.21	318	iP	P	14 18 21.3 0.0
ZEA	comp=E,1um,11.0s			MLR						RDOG	comp=Z,6.0nm,0.9s	62.25	24	IAMS_20	IAMS_20	14 47 33.2
ZEA	comp=N,6um,13.0s			MLR						PRGR	comp=Z,6um,19.0s	62.95	329	eP	P	14 18 24.0 -2.1
ZEA	comp=Z,6um,14.0s			MLR						PRGR	comp=Z,6um,19.0s	62.95	329	eP	P	14 19 03.5
ZAK	comp=Z,6um,14.0s	30.27	335	eP	14 14 08.7 -2.3					MAK	comp=Z,26nm,0.6s	63.33	308	eP	P	14 18 24.4 -4.5
ZAK	comp=Z,6um,14.0s			pmx						MAK	comp=Z,26nm,0.6s	63.33	308	eS	P	14 26 55.1 -4.8
IRK	comp=Z,14nm,1.0s	31.45	338	eP	14 14 20.6 -0.6					MAK	comp=Z,26nm,0.6s	63.33	308	pmx	pmx	14 18 24.4 -4.5
IRK	comp=Z,14nm,1.0s			pmx						SDPT	comp=Z,372nm,1.4s	63.34	39	P	P	14 18 26.6 -2.2
MOY	comp=Z,52nm,1.4s	32.17	335	eP	14 14 28.2 +0.5					SDPT	comp=Z,30nm,0.8s	63.34	39	P	P	14 19 06.3
MOY	comp=Z,52nm,1.4s			pmx						CNBA	comp=Z,30nm,0.8s	63.89	39	P	P	14 18 31.1 -1.3
NKL	comp=Z,47nm,1.9s	32.23	21	eP	14 14 24.4 -3.6					CNBA	comp=Z,23nm,0.9s	64.13	156	P	P	14 18 37.4 -2.6
NKL	comp=E,161nm,1.2s			pmx						CAN	comp=Z,2um,22.0s	64.13	156	P	P	14 18 31.6 -2.6
NKL	comp=N,534nm,0.6s			pmx						CAN	comp=Z,138nm,2.0s	64.13	156	P	P	14 18 31.6 -2.6
NKL	comp=Z,104nm,1.5s			MLR						CAN	comp=Z,138nm,2.0s	64.13	156	P	P	14 18 31.6 -2.6
NKL	comp=E,239nm,13.0s			MLR						GROC	comp=Z,138nm,2.0s	64.52	308	eP	P	14 18 37.4 +0.6
NKL	comp=N,9um,11.0s			MLR						GROC	comp=Z,138nm,2.0s	64.52	308	eP	P	14 21 02.3
NKL	comp=Z,9um,16.0s			MLR						SOCY	comp=Z,40nm,0.5s	65.60	273	P	P	14 18 41.8 -2.6
EDFI	comp=Z,9um,16.0s	32.55	181	P	14 14 33.0 +1.7					IMAR	comp=Z,40nm,0.5s	65.84	26	P	P	14 18 43.6 -1.4
EDFI	comp=Z,9um,16.0s			P						GNI	comp=Z,40nm,0.5s	65.86	305	P	P	14 18 48.5 +2.7
WMQ	comp=Z,44nm,0.9s	34.63	313	P	14 14 49.8 +0.6					GNI	comp=Z,40nm,0.5s	65.86	305	P	P	14 18 48.2 +2.4
WMQ	comp=Z,44nm,0.9s			eP						GNI	comp=Z,40nm,0.5s	65.86	305	P	P	14 18 48.2 +2.4
WMQ	comp=Z,44nm,0.9s			ppP						GNI	comp=Z,40nm,0.5s	65.86	305	P	P	14 18 48.2 +2.4
WMQ	comp=Z,44nm,0.9s			PcP						GNI	comp=Z,40nm,0.5s	65.86	305	P	P	14 18 48.2 +2.4
WMQ	comp=Z,44nm,0.9s			S						GNI	comp=Z,40nm,0.5s	65.86	305	P	P	14 18 48.2 +2.4
WMQ	comp=Z,44nm,0.9s			ScP						GNI	comp=Z,40nm,0.5s	65.86	305	P	P	14 18 48.2 +2.4
WMQ	comp=Z,29nm,1.1s			pmx						GNI	comp=Z,40nm,0.5s	65.86	305	P	P	14 18 48.2 +2.4
WMQ	comp=Z,510nm,5.3s			pmx						KLMR	comp=Z,33nm,1.0s	65.94	328	eP	P	14 18 43.8 -1.9
WMQ	comp=Z,4um,13.1s			LR						KLMR	comp=Z,33nm,1.0s	65.94	328	eP	P	14 18 43.8 -1.9
WMQ	comp=Z,4um,13.1s			LR						KLMR	comp=Z,33nm,1.0s	65.94	328	eP	P	14 18 43.8 -1.9
WMQ	comp=Z,4um,13.1s			LR						KLMR	comp=Z,33nm,1.0s	65.94	328	eP	P	14 18 43.8 -1.9
SKR	comp=Z,2um,16.1s	37.23	36	eP	14 15 00.2 -1.1					QRN	comp=Z,33nm,1.0s	65.94	292	eP	P	14 18 45.1 -1.1
SKR	comp=Z,2um,16.1s			pmx						ZEI	comp=Z,33nm,1.0s	65.94	292	eP	P	14 18 45.1 -1.1
SKR	comp=Z,2um,16.1s			pmx						ZEI	comp=Z,33nm,1.0s	65.94	292	eP	P	14 18 45.1 -1.1
SKR	comp=Z,2um,16.1s			pmx						VRH	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						VRH	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx						CHIR	comp=Z,20nm,0.9s	65.99	317	eP	P	14 18 45.2 -0.9
SKR	comp=Z,2um,16.1s			pmx												

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TWB1 Santiao Chiao, WHF Hehuan Shan, TIBP Shuangxi, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like P40A Paris, PBMO Poplar Bluff, T25A Trinidad, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KSH Nilore, NIL Nilore, MK31 Makanchi Array, etc.

13d 15h

comp=Z,0.9nm,0.8s,baz=336,slow=4.3,SNR=3.8
TORD Torodi Arr. Bea 86.25 283 P P 15 08 51.7 -0.8

IDC 13 14:56:47.1, 1.9, 35.01N, 135.88E, h369km, 18km, mb2.7/2,
mb1 3.8/8, mb1mx2.755, mbtmp3.7/8, Error ellipse:
s-maj=4.10km s-min=19.4km az=136.0

JMA 13 14:56:48.2, 0.1, 35.06N, 135.67E, h356km, 1km, M2.9
ISC 13 14:56:47.6, 1.1, 35.0N, 0.1, 135.68E, 0.08, h359km, 8km,
n22, e077/27, Western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Wachi, Kouya, Ise, Yamagatanai, Tanabenahech, Tokai 2, Sailyo, Shimob, Matsushiro, etc.

IDC 13 14:57:24.1, 2.1, 14.13N, 145.84E, h78km, 17km, mb3.7/14,
mb1 3.8/14, mb1mx3.6/45, mbtmp4.0/14, Error ellipse:
s-maj=29.4km s-min=18.1km az=94.0

NEIC 13 14:57:25.6, 1.3, 13.99N, 0.06, 145.8E, 0.1, h101km, 8km,
mb4.1/12, Error ellipse: s-maj=17.3km s-min=4.8km
az=116.0

ISC 13 14:57:24.9, 0.6, 13.95N, 0.09, 145.79E, 0.10, h100km, n29,
e171/30, mb4.0/18, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Guam, Pohnpei, Rabaul, Kunigami, Nakatsue, Matsushiro, Sado, Tsushima, etc.

MAN 13 15:01:14.9, 5.05N, 126.58E, h1km, mb5.3, ML4.3, MS4.4
IDC 13 15:01:16.3, 2.2, 5.31N, 125.94E, h0km, mb3.5/3,
s-maj=3.7/3, mb1mx3.4/4, mbtmp3.5/3, Error ellipse:
s-maj=17.9km s-min=26.9km az=65.0

ISC 13 15:01:18.4, 1.4, 3.498N, 108.1253E, 0.4, h10km, n5,
e078/6, mb3.4/3, 1C, Talud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Kidapawan, Davao City-Mi, Warramunga Arr, Alice Springs, etc.

IDC 13 15:14:26.6, 1.4, 8.59S, 149.29E, h102km, 8km, mb3.5/4,
mb1 3.8/6, mb1mx3.5/29, mbtmp3.9/6, Error ellipse:
s-maj=55.1km s-min=18.8km az=111.0

NEIC 13 15:14:28.6, 1.3, 8.55S, 0.05, 149.1E, 0.2, h114km, 8km,
mb4.0/14, Error ellipse: s-maj=26.9km s-min=7.2km
az=96.0

ISC 13 15:14:27.6, 0.7, 8.49S, 0.09, 149.0E, 0.1, h100km, n27,
e180/27, mb4.1/10, Eastern New Guinea region

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

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Table with columns: WBO, Iamb, Iamb, Time, Res, ISC. Includes stations like Warramunga Arr, Mantion Dam, Tennant Creek, Warramunga Arr, etc.

NEIC 13 15:38:41.0, 1.1, 18.99N, 0.04, 67.64W, 0.03, h16km, 6km,
Error ellipse: s-maj=7.2km s-min=3.0km az=209.0

RSRP 13 15:38:43.0, 19.05N, 67.67W, h31km, 6km, MD2.8/9
ISC 13 15:38:40.1, 1.4, 19.02N, 0.06, 67.63W, 0.03, h16km, 10km,
n47, e056/53, 8C-2D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Isla Descecho, Punta Cana, Las Mesas, etc.

Table with columns: KBTR, Iamb, Iamb, Time, Res, ISC. Includes stations like Krutoberegovo, Semkarok, Mys Kozlova, Zelenaya, Baidaryna, etc.

RSRP 13 15:48:54.9, 18.95N, 67.93W, h37km, 12km, MD3.2/9
NEIC 13 15:48:56.1, 2.2, 18.91N, 0.04, 67.62W, 0.03, h19km, 5km,
Error ellipse: s-maj=6.5km s-min=3.9km az=203.0

ISC 13 15:48:56.9, 1.1, 18.84N, 0.07, 67.71W, 0.03, h27km, n59,
e193/55, 13C, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Isla Descecho, Punta Cana, Las Mesas, etc.

KRSC 13 15:48:53.5, 1.4, 55.67N, 163.30E, h60km, 18km, ML3.8,
Off east coast of Kamchatka Peninsula

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

BMO	baz=202	Blue Mountains	95.09	39	P	P	16 11 54.4	-0.2
BMO	comp=Z,3.0nm,1.1s	Blue Mountains	95.09	39	P	P	16 11 54.4	-0.2
BMO	HLID	Halley	95.79	41	P	P	16 11 58.1	+0.2
L19K	White Mountain	96.60	11	P	P	16 12 01.5	+0.6	
LPZ	baz=200	La Paz	97.27	115	P	Pdf	16 12 07.9	+1.9
LPZ	comp=Z,0.8nm,0.6s,baz=187,slow=12,SNR=2.6	La Paz	97.27	115	P	P	16 12 07.9	+1.9
HHC	comp=Z,157nm,18.1s,baz=270,slow=32	Hu-ho-hao-te	97.84	314	eP	P	16 12 03.6	-3.6
HHC	HLID	Hu-ho-hao-te	97.84	314	eP	P	16 12 03.6	-3.6
HHC	comp=Z,11nm,0.7s	Hu-ho-hao-te	97.84	314	eP	P	16 12 03.6	-3.6
PDAR	comp=Z,89nm,6.6s	Pinedale Array	98.05	44	P	Pdf	16 12 09.8	+1.5
PDAR	comp=Z,0.2nm,0.3s,baz=226,slow=6,1,SNR=2.5	Pinedale Array	98.05	44	P	P	16 12 09.8	+1.5
PDAR	comp=Z,408nm,18.1s,baz=249,slow=33	Pinedale Array	98.05	44	P	P	16 12 09.8	+1.5
SEY	Seymchan	98.36	347	LR	LR	16 58 19.1		
CPUP	Villa Florida	98.56	129	LR	LR	16 51 23.1		
RND	Reindeer	98.78	13	P	Pdf	16 12 15.0	+4.2	
RND	comp=Z,6.0nm,1.0s	Reindeer	98.78	13	P	P	16 12 15.0	+4.2
RND	HLID	Reindeer	98.78	13	P	P	16 12 15.0	+4.2
WRH	Wood River Hill	99.89	13	Pdf	Pdf	16 12 16.6	+1.0	
WRH	comp=Z,7.4nm,1.1s	Wood River Hill	99.89	13	Pdf	Pdf	16 12 16.6	+1.0
LZH	Lanzhou	100.07	306	eP	Pdf	16 12 17.8	+0.5	
LZH	comp=Z,14nm,1.1s	Lanzhou	100.07	306	eP	P	16 12 17.8	+0.5
LZH	comp=Z,100nm,4.3s	Lanzhou	100.07	306	eP	P	16 12 17.8	+0.5
LZH	comp=Z,130nm,12.7s	Lanzhou	100.07	306	eP	P	16 12 17.8	+0.5
LZH	comp=Z,310nm,13.8s	Lanzhou	100.07	306	eP	P	16 12 17.8	+0.5
ILAR	comp=Z,1um,15.5s	Eielson Array	100.39	13	P	Pdf	16 12 19.7	+1.9
ILAR	comp=Z,0.4nm,0.7s,baz=236,slow=5,2,SNR=4.1	Eielson Array	100.39	13	P	P	16 12 19.7	+1.9
SOMN	Songino Array	104.87	318	PP	PKPKP	16 16 55.7	+2.3	
SOMN	comp=Z,1.3nm,0.8s,baz=137,slow=5,1,SNR=4.8	Songino Array	104.87	318	PP	PKPKP	16 16 55.7	+2.3
YKA	Yellowknife Ar	107.75	26	PKPKP	PKPKP	16 28 28.9		
YKA	comp=Z,2.3nm,1.0s,baz=42,slow=3,1,SNR=5.2	Yellowknife Ar	107.75	26	PKPKP	PKPKP	16 28 28.9	
WMQ	Urumqi	114.62	307	ePKP	PKP	16 17 05.3	-6.5	
WMQ	comp=Z,160nm,6.9s	Urumqi	114.62	307	ePKP	PKP	16 17 05.3	-6.5
WMQ	comp=Z,240nm,14.9s	Urumqi	114.62	307	ePKP	PKP	16 17 05.3	-6.5
ZSN	Zaisan	117.77	310	ePKP	PKP	16 17 13.5	-4.2	
ZSN	comp=Z,2.5nm,1.1s	Zaisan	117.77	310	ePKP	PKP	16 17 13.5	-4.2
MK31	Makanchi Array	119.23	309	PKPKP	PKP	16 17 19.1	-4.4	
MK31	comp=Z,2.3nm,1.0s,baz=203,slow=0,SNR=14	Makanchi Array	119.23	309	PKPKP	PKP	16 17 19.1	-4.4
MK31	Makanchi Array	119.23	309	PKPKP	PKP	16 17 19.1	-4.4	
MK31	comp=Z,2.3nm,1.0s,baz=203,slow=0,SNR=14	Makanchi Array	119.23	309	PKPKP	PKP	16 17 19.1	-4.4
MKAR	Makanchi Array	119.23	309	PKPKP	PKP	16 17 19.1	-4.4	
MKAR	comp=Z,2.3nm,1.0s,baz=203,slow=0,SNR=14	Makanchi Array	119.23	309	PKPKP	PKP	16 17 19.1	-4.4
ZALV	Zalesovo Beam	119.77	317	PKP	PKP	16 17 20.7	-0.6	
ZALV	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Zalesovo Beam	119.77	317	PKP	PKP	16 17 20.7	-0.6
ZALV	Shalkode	120.00	304	ePKP	PKP	16 17 17.3	-5.0	
ZALV	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Shalkode	120.00	304	ePKP	PKP	16 17 17.3	-5.0
SHLS	Shalkode	120.00	304	ePKP	PKP	16 17 17.3	-5.0	
SHLS	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Shalkode	120.00	304	ePKP	PKP	16 17 17.3	-5.0
SATY	Saty	120.70	304	ePKP	PKP	16 17 19.6	-4.1	
SATY	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Saty	120.70	304	ePKP	PKP	16 17 19.6	-4.1
KSH	Kashi	121.34	299	PKP	PKP	16 17 23.3	-1.7	
KSH	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Kashi	121.34	299	PKP	PKP	16 17 23.3	-1.7
MDOK	Miedo	121.69	304	PKP	PKP	16 17 18.0	-7.5	
MDOK	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Miedo	121.69	304	PKP	PKP	16 17 18.0	-7.5
MDOK	Miedo	121.69	304	PKP	PKP	16 17 18.0	-7.5	
MDOK	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Miedo	121.69	304	PKP	PKP	16 17 18.0	-7.5
NRIK	Noril'sk	121.83	335	PKP	PKP	16 17 24.4	-0.4	
NRIK	comp=Z,4.8nm,0.7s,baz=95,slow=5.1,SNR=8.1	Noril'sk	121.83	335	PKP	PKP	16 17 24.4	-0.4
KU	Kury	122.39	304	ePKP	PKP	16 17 21.7	-5.0	
KU	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Kury	122.39	304	ePKP	PKP	16 17 21.7	-5.0
KURK	Kurchatov	122.63	313	PKPKP	PKP	16 17 26.5	-0.4	
KURK	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Kurchatov	122.63	313	PKPKP	PKP	16 17 26.5	-0.4
KURB	Kurchatov Arra	122.67	313	PKP	PKP	16 17 26.5	-0.5	
KURB	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Kurchatov Arra	122.67	313	PKP	PKP	16 17 26.5	-0.5
AAK	Ala-Archa	123.33	303	PKP	PKP	16 17 28.8	+0.1	
AAK	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Ala-Archa	123.33	303	PKP	PKP	16 17 28.8	+0.1
SGDS	Sogindiy	123.46	303	PKP	PKP	16 17 22.9	-5.9	
SGDS	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Sogindiy	123.46	303	PKP	PKP	16 17 22.9	-5.9
BTLS	Baital	124.27	305	PKP	PKP	16 17 26.8	-3.5	
BTLS	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Baital	124.27	305	PKP	PKP	16 17 26.8	-3.5
BTL5	Baital	124.27	305	PKP	PKP	16 17 26.8	-3.5	
BTL5	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Baital	124.27	305	PKP	PKP	16 17 26.8	-3.5
KBL	Kabul	125.02	292	PKPKP	PKP	16 17 31.8	-0.5	
KBL	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Kabul	125.02	292	PKPKP	PKP	16 17 31.8	-0.5
BTK	Batken	125.29	299	PKPKP	PKP	16 17 31.9	-0.6	
BTK	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Batken	125.29	299	PKPKP	PKP	16 17 31.9	-0.6
BTK	Batken	125.29	299	PKPKP	PKP	16 17 31.9	-0.6	
BTK	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Batken	125.29	299	PKPKP	PKP	16 17 31.9	-0.6
LSZ	Lusaka	125.87	212	PKPKP	PKP	16 17 37.0	+2.2	
LSZ	comp=Z,0.8nm,0.2s,baz=253,slow=2,SNR=1.8	Lusaka	125.87	212	PKPKP	PKP	16 17 37.0	+2.2
LSZ	Lusaka	125.87	212	PKPKP	PKP	16 17 37.0	+2.2	
LSZ	comp=Z,0.8nm,0.2s,baz=253,slow=2,SNR=1.8	Lusaka	125.87	212	PKPKP	PKP	16 17 37.0	+2.2
CHGR	Chuyangaron	126.15	297	PKP	PKP	16 17 34.1	-0.1	
CHGR	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Chuyangaron	126.15	297	PKP	PKP	16 17 34.1	-0.1
KKAR	Karatay Array	126.28	302	PKPKP	PKP	16 17 33.7	-0.5	
KKAR	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Karatay Array	126.28	302	PKPKP	PKP	16 17 33.7	-0.5
IUG	Iuzhnyy	126.40	301	PKPKP	PKP	16 17 29.6	-4.9	
IUG	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Iuzhnyy	126.40	301	PKPKP	PKP	16 17 29.6	-4.9
IUG	Iuzhnyy	126.40	301	PKPKP	PKP	16 17 29.6	-4.9	
IUG	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Iuzhnyy	126.40	301	PKPKP	PKP	16 17 29.6	-4.9
BRVK	Borovyoye	128.12	314	PKPKP	PKP	16 17 37.0	+0.3	
BRVK	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Borovyoye	128.12	314	PKPKP	PKP	16 17 37.0	+0.3
BRVK	Borovyoye	128.12	314	PKPKP	PKP	16 17 37.0	+0.3	
BRVK	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Borovyoye	128.12	314	PKPKP	PKP	16 17 37.0	+0.3
GEYT	Alibek	134.42	293	PKPKP	PKP	16 17 52.2	+1.0	
GEYT	comp=Z,1.8nm,0.8s,baz=217,slow=1,SNR=6.1	Alibek	134.42	293	PKPKP	PKP	16 17 52.2	+1.0
ARU	Arti	134.88	319	PKPKP	PKP	16 17 46.0	-0.4	
ARU	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Arti	134.88	319	PKPKP	PKP	16 17 46.0	-0.4
ARU	Arti	134.88	319	PKPKP	PKP	16 17 46.0	-0.4	
ARU	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Arti	134.88	319	PKPKP	PKP	16 17 46.0	-0.4
KIRV	Kirov	139.25	324	PKPKP	PKP	16 17 58.4	+0.4	
KIRV	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Kirov	139.25	324	PKPKP	PKP	16 17 58.4	+0.4
PRGR	Permogore	139.89	329	PKPKP	PKP	16 17 55.8	-3.2	
PRGR	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Permogore	139.89	329	PKPKP	PKP	16 17 55.8	-3.2
PRGR	Permogore	139.89	329	PKPKP	PKP	16 17 55.8	-3.2	
PRGR	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Permogore	139.89	329	PKPKP	PKP	16 17 55.8	-3.2
HAMP	Hammerfest	140.34	349	ePKP	PKP	16 17 54.4	-5.3	
HAMP	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Hammerfest	140.34	349	ePKP	PKP	16 17 54.4	-5.3
ARAO	ARCESS Array S	140.98	347	ePKP	PKP	16 17 55.8	-5.1	
ARAO	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	ARCESS Array S	140.98	347	ePKP	PKP	16 17 55.8	-5.1
ARAO	ARCESS Array S	140.98	347	ePKP	PKP	16 17 55.8	-5.1	
ARAO	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	ARCESS Array S	140.98	347	ePKP	PKP	16 17 55.8	-5.1
ARCES	ARCESS Array S	140.98	347	PKPKP	PKP	16 18 02.6	+1.7	
ARCES	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	ARCESS Array S	140.98	347	PKPKP	PKP	16 18 02.6	+1.7
ARCES	ARCESS Array S	140.98	347	PKPKP	PKP	16 18 02.6	+1.7	
ARCES	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	ARCESS Array S	140.98	347	PKPKP	PKP	16 18 02.6	+1.7
JETT	Jettan, Norway	141.83	350	PKPKP	PKP	16 17 57.0	+1.4	
JETT	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Jettan, Norway	141.83	350	PKPKP	PKP	16 17 57.0	+1.4
KTK1	Kautokino	141.85	348	ePKP	PKP	16 17 59.2	-3.3	
KTK1	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Kautokino	141.85	348	ePKP	PKP	16 17 59.2	-3.3
BELG	Belogornyye	141.85	315	PKPKP	PKP	16 17 57.2		
BELG	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Belogornyye	141.85	315	PKPKP	PKP	16 17 57.2	
TRO	Tromsø	141.98	350	ePKP	PKP	16 17 59.8	-2.8	
TRO	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Tromsø	141.98	350	ePKP	PKP	16 17 59.8	-2.8
KLMR	Klimovskoe	142.86	330	ePKPKP	PKP	16 17 59.4		
KLMR	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Klimovskoe	142.86	330	ePKPKP	PKP	16 17 59.4	
KLMR	Klimovskoe	142.86	330	ePKPKP	PKP	16 17 59.4		
KLMR	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Klimovskoe	142.86	330	ePKPKP	PKP	16 17 59.4	
KLMR	Klimovskoe	142.86	330	ePKPKP	PKP	16 17 59.4		
KLMR	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Klimovskoe	142.86	330	ePKPKP	PKP	16 17 59.4	
LOF	Lofofen	144.07	353	ePKP	PKP	16 18 00.7	-3.1	
LOF	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Lofofen	144.07	353	ePKP	PKP	16 18 00.7	-3.1
GROC	Groznyy	144.22	300	ePKPKP	PKP	16 17 59.9		
GROC	comp=Z,2.3nm,0.6s,baz=126,slow=1.5,SNR=8.7	Groznyy	144.22	300				

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LEF, CSS, MATHIATIS, etc.

TAP 13 16:40:43.4, 22.43'N, 121.42'E, h18km, ML2.1, C, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LDUT, LAY, TTN, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MASBT, HEN, TSMG, etc.

IDC 13 16:41:00.0, 2.8, 32.90'S, 178.36'W, h0km, mb4.1/2, mb1.4/3, mb1mx3.8/22 mbtmp4.1/3, ML3.9/1, Error ellipse: s-maj=66.8km s-min=34.9km az=119.0

NEIC 13 16:41:04.0, 1.2, 33.1'S, 0.1, 178.6'W, 0.2, h10km, 2km, mb4.5/10, Error ellipse: s-maj=30.5km s-min=17.6km az=120.0

ISC 13 16:41:02.2, 1.5, 33.1'S, 0.1, 178.4'W, 0.2, h10km, n21, c150/21, mb4.5/8, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MXZ, URZ, URJ, etc.

MAN 13 16:42:37.5, 13.69'N, 120.24'E, h13km, mb3.5, ML2.1, MS1.5, TD, Mindoro

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

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

NORS 13 17:04:49.0, 0.0, 43.1'N, 164.52'E, h33km, MPVA3.7, MOS 13 17:04:49.2, 0.0, 43.1'N, 164.52'E, h22km, MPVA3.5

TIF 13 17:04:49.7, 43.1'N, 164.52'E, h23km, 2km, DRS 13 17:04:51.9, 0.0, 43.1'N, 164.52'E, h16km, MOS 13 17:04:51.4, 2.2, 43.1'N, 164.52'E, h31km, mb3.8/1, Error ellipse: s-maj=8.0km s-min=6.4km az=11.9

ISC 13 17:04:49.2, 1.0, 43.2'N, 0.0, 164.52'E, 0.01, h8km, 9km, n67, c196/117, 6C-2D, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KMGR, GROC, VLKR, etc.

ISC 13 16:46:22.6, 2.8, 33.02'S, 178.30'W, h0km, mb4.0/2, mb1.4/3, mb1mx3.7/31, mbtmp4.0/3, ML3.6/1, MS4.1/1, MS1.4/1, ms1mx3.0/35, Error ellipse: s-maj=68.5km s-min=35.5km az=121.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ARKR, ARKR, GNBUR, LGD.

Table with columns: Code, Station Name, A°, AZ, Phase ID, Time, Res. Includes stations like Lagodekhi, Pyatigorsk, Khabaz, Neytrino, etc.

Table with columns: Code, Station Name, A°, AZ, Phase ID, Time, Res. Includes stations like KUR, KUR, KUR, KUR, KUR, etc.

Table with columns: Code, Station Name, A°, AZ, Phase ID, Time, Res. Includes stations like GCO2, KAN17, OK032, etc.

MOS 13 17:08:39.3±1.4, 48°53'N; 154°02'E, h66km, mb4.5/6, Error ellipse: s-maj=10.8km s-min=3.8km az=69.8

SKHL 13 17:08:39.6±0.5, 48°50'N; 155°00'E, h75km, mb4.6/8, Error ellipse: s-maj=11.4km s-min=4.8km az=72.2

NEIC 13 17:08:39.1±1.4, 48°53'N; 154°02'E, h52km, mb4.1/9, Error ellipse: s-maj=17.7km s-min=6.9km az=110.0

KRSC 13 17:08:40.2±2.7, 48°69'N; 156°54'E, h7km, mb4.1km, MLD4.5, IDC 13 17:08:41.2±2.5, 48°63'N; 154°77'E, h71km, mb3.5/6, mb1.3/6/14, mb1mx3.4/49, mbmp3.8/14, MSL3.6/1, MSL1.3/6/1, ms1mx2.7/48, Error ellipse: s-maj=28.1km s-min=15.5km az=122.0

ISC 13 17:08:37.9±0.7, 48°50'N; 155°06'E; 0.07, h43km, n122, ±29.02/133, mb4.2/10.3C, Kuril Islands

Table with columns: Code, Station Name, A°, AZ, Phase ID, Time, Res. Includes stations like SKR, SKR, SKR, SKR, SKR, etc.

Table with columns: Code, Station Name, A°, AZ, Phase ID, Time, Res. Includes stations like ASAJ, ASAJ, ASAJ, ASAJ, ASAJ, etc.

Table with columns: Code, Station Name, A°, AZ, Phase ID, Time, Res. Includes stations like R32A, R32A, R32A, R32A, R32A, etc.

TUL 13 17:15:03.9±1.2, 36°85'N; 0°02'97.88W; 0°03, h5km, 6km, MLD3.3, mb_Lg3.2/106(NEIC), Error ellipse: s-maj=3.3km s-min=2.6km az=111.0

NEIC 13 17:15:04.0±0.7, 36°82'N; 0°01'97.87W; 0°03, h7km, 6km, Error ellipse: s-maj=3.4km s-min=1.6km az=76.0, Oklahoma

CLTN	comp=Z,24nm,0.9s	9.32	91	I	Amb_Lg	17 20 03.3
I42A	comp=Z,11nm,0.8s draeger Farm, comp=Z,13nm,0.9s	9.82	41	I	Amb_Lg	17 20 24.0

VAO 13 17:17:23.6:0.3,21.065x68.52W,h147km,4km,mb4.2
 GUC 13 17:17:23.5:0.7,21.025x68.52W,h137km,4km,ML3.8
 ISC 13 17:17:22.9:0.7,21.025x0.04x68.61W,0.08,h144km,9km,
 n39,c0971/53,11C-1D,Chile-Bolivia border region

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
				h m s	
PB01	IPOC Station P	0.82 268	I/P	Pn	17 17 45.6 +0.1
PB01			I/S	Sn	17 18 02.8 -0.3
PB01			I/AML		17 18 04.9
PB09	comp=N,2um,0.2s	0.97 217	I/P	Pn	17 17 47.5 +0.5
PB09	IPOC Station P		I/S	Sn	17 18 05.8 +0.4
PB09			I/AML		17 18 07.2
PB08	comp=N,1um,0.7s	1.01 330	I/P	Pn	17 17 47.9 +0.2
PB08	IPOC Station P		I/S	Sn	17 17 06.2 -0.3
PB08			I/AML		17 18 07.7
PB02	comp=E,1um,0.3s	1.24 256	I/P	Pn	17 17 49.9 +0.5
PB02	IPOC Station P		I/S	Sn	17 18 10.0 +0.4
PB02			I/AML		17 18 11.7
PB07	comp=E,3um,0.4s	1.38 239	I/P	Pn	17 17 51.3 +0.4
PB07	IPOC Station P		I/S	Sn	17 18 12.4 +0.1
PB07			I/AML		17 18 13.6
PB11	comp=E,958nm,0.2s	1.59 322	I/P	Pn	17 17 53.1 -0.1
PB11	IPOC Station P		I/S	Sn	17 18 15.8 -0.6
PB11			I/AML		17 18 17.5
LVC	comp=N,2um,0.3s	1.60 190	I/P	Pn	17 17 53.7 +0.2
LVC	Limon Verde		I/S	Sn	17 18 16.8 -0.2
LVC			eS	Sn	17 17 54.0 +0.5
LVC	Limon Verde		eS	Sn	17 18 17.2 +0.2
TA02	Huaiquique	1.61 297	eP	Sn	17 17 53.3 +0.1
TA02			I/S	Sn	17 18 16.1 -0.2
TA02			I/AML		17 18 16.9
PB06	comp=N,4um,0.1s	1.90 208	I/P	Pn	17 17 57.0 +0.4
PB06	IPOC Station P		I/S	Sn	17 18 22.6 0.0
PB06			I/AML		17 18 23.7
PB04	comp=E,671nm,0.2s	1.94 227	I/P	Pn	17 17 57.3 +0.2
PB04	IPOC Station P		I/S	Sn	17 18 22.9 -0.5
PB04			I/AML		17 18 24.4
PSGC	comp=E,948nm,0.3s	2.01 315	I/P	Pn	17 17 57.4 -0.5
PSGC	Pisagua		I/S	Sn	17 18 23.4 -1.2
PSGC			I/AML		17 18 25.2
PB15	comp=N,520nm,0.6s	2.32 200	I/P	Pn	17 18 02.0 +0.4
PB15	IPOC Station P		I/S	Sn	17 18 03.0 +0.4
PB05	IPOC Station P	2.35 219	I/P	Pn	17 18 02.3 +0.4
PB05			I/S	Sn	17 18 30.8 -1.3
PB05			I/AML		17 18 34.2
LPAZ	La Paz	4.73	6 eP	Pn	17 18 34.8 +1.5
CPUP	Villa Florida	11.61	119 eP	Pn	17 20 03.7 -0.5
CZSB	Cruzeiro do Su	13.80	343 eP	Pn	17 20 34.4 +1.8
PTGB	Pitanga	15.68	107 eP	Pn	17 20 56.4 -0.8
ARAG	Araguaiana, MT	16.79	74 eP	Pn	17 21 10.4 +0.7
SNDB	Serra Nova Dou	18.87	64 eP	Pn	17 21 30.9 -1.3
IPHUB	Ipameri, GO	19.46	85 eP	Pn	17 21 37.9 -0.9
RCLB	Rio Claro- Sao	19.63	98 eP	Pn	17 21 39.8 -0.7
ITTB	Itaituba	20.75	39 eP	Pn	17 21 50.6 -1.8
PEXB	Peixe	21.37	69 eP	Pn	17 21 57.5 -1.6
BSCB	Bom Sucesso	22.25	94 eP	Pn	17 22 08.3 +0.1
OTAV	Clavalo	22.32	334 eP	Pn	17 22 18.9 +0.2
VAS01	Vassouras-RJ	23.42	98 eP	Pn	17 22 18.2 -0.9
PRPB	Parauapebas	23.44	54 eP	Pn	17 22 19.7 +0.3
SMTB	Santa Maria do	23.60	62 eP	Pn	17 22 20.5 -0.3
DIAM	Diamantina, MG	23.63	88 eP	Pn	17 22 20.9 -0.4
MI01	Montes Claros	23.72	84 eP	Pn	17 22 22.1 +0.1
JANB	Januaria	23.84	90 eP	Pn	17 22 24.1 -1.1
SDBA	SAO DESIDERIO	24.24	73 eP	Pn	17 22 26.4 -0.2
ALF01	Guarapari-ES	26.05	94 eP	Pn	17 22 43.4 +0.4
BSFB	Barra de Sao F	26.18	90 eP	Pn	17 22 43.8 -0.3
NAN01	Guarapari, ES	27.03	88 eP	Pn	17 22 51.3 -0.4
TMA0	Tom-Au,PA,Br	27.26	50 eP	Pn	17 22 54.0 +0.2
GUAR	Guaratins, BA	27.50	86 eP	Pn	17 22 56.7 -0.2
NBCL	Cascavel-CE	33.86	65 eP	Pn	17 23 52.0 0.0

IDC 13 17:21:09.9:1.3,23.96N,121.91E,h0km,mb3.8/6,
 mb1 3.9/7,mb1mx3.6/46,mbmp3.9/7,ML3.4/1,MS3.3/2,
 Ms1 3.3/2,ms1mx2.8/38,Error ellipse: s-maj=65.5km
 s-min=20.8km az=67.0

TAP 13 17:21:10.4,23.95N,122.36E,h4km,ML3.9,D
 JMA 13 17:21:11.2,0.1,23.91N,122.38E,h2km,ML3.6
 ISC 13 17:21:10.7:1.1,23.94N,122.38E,0.02,h7km,8km,
 n144,c0979/256,mb3.8/6,Taiwan region

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
				h m s	
EHP	Heping Village	0.69 302	eP	Pb	17 21 24.9 -0.1
EHP			eS	Sb	17 21 35.4 +0.7
HWA	Hualien	0.71 273	eP	Pb	17 21 25.0 -0.3
HWA			eS	Sb	17 21 36.3 +1.0
ETL	Fush Village	0.72 288	P	Pb	17 21 26.0 +0.4
JYNG	Yongunijimaku	0.73 46	P	Pb	17 21 25.2 -0.5
JYNG			S	Sb	17 21 35.1 -0.7
TWD	Chiawan	0.73 281	P	Pb	17 21 25.7 0.0
TWD			S	Sb	17 21 36.1 +0.3
NACB	Ninganchiao	0.75 288	P	Pb	17 21 25.9 -0.2
NACB			S	Sn	17 21 38.1 -1.3
ENA	Nanau	0.76 310	P	Pb	17 21 26.5 +0.3
ENA			S	Sb	17 21 37.7 +1.0
YOJ	Yonguniji jima	0.78 48	P	Pb	17 21 26.3 -0.3
YOJ			Sb	Sb	17 21 37.8 +0.3
YOJ	Yonguniji jima	0.78 48	P	Pb	17 21 26.7 +0.1
YOJ			S	Sb	17 21 37.9 +0.6
TEGC	Jichi Village	0.80 253	P	Pb	17 21 26.7 -0.3
ETM	Tongmen	0.81 272	P	Pb	17 21 26.9 -0.2
ETM			S	Sb	17 21 39.6 +1.3
TWC	Suao	0.82 324	iP	Pg	17 21 26.3 -0.2
TWC			iS	Sn	17 21 40.1 -1.0
ETLH	Xiulin Townshi	0.86 288	P	Pb	17 21 28.1 +0.1
ETLH			S	Sb	17 21 40.9 +1.2
ESL	Shilin	0.87 262	P	Pb	17 21 28.3 +0.1
ESL			S	Sn	17 21 41.7 -0.6
EGFH	Guangfu	0.91 253	eP	Sb	17 21 29.8 -0.2
EGFH			S	Sb	17 21 41.3 +0.2
HGSD	Ruisui	0.98 243	P	Pb	17 21 30.3 +0.3
HGSD			S	Sn	17 21 44.5 -0.5
ILA	ilan	1.00 325	P	Pb	17 21 30.2 -0.2
ILA			iS	Sn	17 21 45.5 0.0
TWE	Neicheng	1.01 320	iP	Pg	17 21 29.9 -0.2

TWE	baz=320	iS	Sn	17 21 45.0 -0.8	
NDT	Datong Townshi	1.03 310	P	Pb	17 21 30.4 -0.4
NDT			S	Sb	17 21 45.0 +0.5
NTC	Toucheng	1.04 331	eP	Pg	17 21 30.3 -0.3
NTC			eS	Pn	17 21 46.6 +0.2
WHF	Hehuan Shan	1.04 281	iP	Pb	17 21 30.8 -0.4
WHF			iS	Sb	17 21 46.2 +1.0
ECBN	Changbin	1.05 234	eP	Pg	17 21 30.9 0.0
ECBN			S	Sn	17 21 47.7 +1.0
EHY	Hungye	1.06 246	P	Pn	17 21 32.0 0.0
EHY			S	Sb	17 21 46.4 +1.0
FUSS	Renai	1.08 287	P	Pb	17 21 31.9 +0.1
FUSS			S	Sb	17 21 46.7 +0.4
OWD	Renai	1.10 271	P	Pb	17 21 32.0 -0.1
OWD			S	Sn	17 21 48.3 +0.2
CHGB	Renai	1.11 276	P	Pg	17 21 31.8 -0.2
CHGB			S	Sn	17 21 48.2 -0.2
TWB1	Santiao Chiao	1.12 342	eP	Pg	17 21 31.2 -1.0
TWB1			eS	Sb	17 21 47.8 +0.6
YULB	Yu-i	1.13 241	P	Pg	17 21 32.1 -0.3
YULB			S	Sn	17 21 48.8 0.0
EYUL	Yuli	1.14 239	eP	Pb	17 21 32.8 +0.1
EYUL			S	Sn	17 21 49.1 +0.3
TWT	Tachien	1.14 286	P	Pn	17 21 33.1 -0.1
TWT			iS	Sn	17 21 49.4 +0.2
TIPB	Shuangxi	1.14 334	iP	Pb	17 21 32.6 -0.2
TIPB			iS	Sb	17 21 48.4 +0.5
TWF1	Yuli	1.15 240	P	Pb	17 21 32.8 -0.2
TWF1			iS	Sn	17 21 49.4 +0.1
TDCB	Techi	1.16 286	P	Pn	17 21 34.2 +0.8
TDCB			S	Sn	17 21 49.7 +0.1
YHNB	Yeheng	1.17 309	P	Pg	17 21 32.8 -0.3
YHNB			S	Sn	17 21 49.4 -0.3
NSK	Sanguang	1.18 308	iP	Pg	17 21 32.9 -0.5
NSK			iS	Sn	17 21 50.4 +0.3
FULB	Fuli	1.24 234	iP	Pg	17 21 33.4 -1.1
FULB			S	Sn	17 21 52.5 +1.1
NWF	Wu-fen Shan	1.25 334	iP	Pn	17 21 34.6 0.0
NWF			iS	Sn	17 21 52.8 +1.0
WFSB	Wu-fen Shan	1.25 334	P	Pn	17 21 34.7 +0.1
WFSB			S	Sn	17 21 53.0 +1.3
CHKT	Chengkung	1.25 228	P	Pn	17 21 35.7 +1.1
CHKT			S	Sn	17 21 52.8 +1.2
TWA	Mucha	1.26 325	iP	Pn	17 21 35.1 +0.3
TWA			iS	Sn	17 21 53.1 +1.1
NHDX	Xindian Distri	1.28 323	P	Pn	17 21 35.4 +0.4
NHDX			S	Sn	17 21 54.2 +1.9
IRIF	Iriomote-Funau	1.30 72	P	Pn	17 21 35.1 -0.1
IRIF			S	Sn	17 21 52.7 -0.1
WPL	Puli Township	1.30 273	P	Pb	17 21 35.5 +0.1
WPL			S	Sn	17 21 54.3 +1.3
TATO	Taipei	1.31 322	P	Pn	17 21 35.8 +0.2
TATO			S	Sn	17 21 54.3 +1.2
SSLB	Suangleung	1.31 264	eP	Pb	17 21 36.0 +0.3
SSLB			eS	Sb	17 21 53.5 +0.2
HATJ	Hateruma jima	1.31 85	P	Pn	17 21 35.3 -0.1
HATJ			eS	Pb	17 21 51.5 -1.4
NHY	Taipei	1.32 326	eP	Sb	17 21 36.9 +1.1
NHY			S	Sn	17 21 54.5 +1.2
TNOU	National Taiwa	1.32 336	P	Pb	17 21 36.3 +0.5
TNOU			S	Sn	17 21 53.7 +0.2
DPDB	Guoxing	1.33 274	eP	Pn	17 21 35.8 +0.1
WCS	Beigang Elemen	1.34 275	eP	Pg	17 21 37.1 +0.5
WHP	Tainung City	1.35 285	P	Pg	17 21 37.2 +0.5
WHP			S	Sn	17 21 55.2 +1.0
TAP	Taipei	1.35 324	iP	Pg	17 21 37.7 +1.0
TAP			S	Sn	17 21 54.9 +0.7
SMLT	Sun Moon Lake	1.35 268	P	Pg	17 21 36.7 +0.1
SMLT			S	Sn	17 21 55.2 +0.9
ECS	Chishang	1.36 232	P	Pn	17 21 36.1 +0.1
ECS			e		

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
n196/24,20C-4D, Afghanistan-Tajikistan border region					
GAR	Garm	0.24 19	iP	17 59 39.6	-1.2
GAR	baz=3.0		iP		
CHGR	Chuyangaron	0.83 263	iP	17 59 49.7	-2.0
CHGR	baz=71		iP		
BTK	Batken	1.37 20	iP	18 00 00.3	-1.2
BTK	baz=16		iP		
DRK	Karamyk	1.42 60	iP	18 00 00.2	-2.8
DRK	baz=54		iP		
TRKS	Terek-Say	2.85 14	eP	18 00 22.0	+0.7
TRKS	baz=13		iP		
MNAS	Manas	4.10 24	eP	18 00 40.2	+1.6
MNAS	baz=23		iP		
DZA	Taraz	4.21 11	Pg	18 00 52.7	-3.5
DZA	68nm,0.1s		Lg		
AML	Almayashu	4.28 37	eP	18 00 42.3	+1.0
AML	baz=36		iP		
KK31	Karatay Array	4.34 3	iP	18 00 45.8	-6.1
KK31	4.6nm,0.5s,baz=181,slow=12,SNR=4.8		Pg		
KK31	2.9nm,0.6s,baz=196,slow=16,SNR=7.0		Sb		
KK31	12nm,0.8s		iP		
KK31	12nm,0.7s,baz=181,slow=30,SNR=5.9		Lg		
MRKS	Merke	4.58 29	Pg	18 00 48.6	+3.5
MRKS	4.5nm,0.4s		Lg		
EKS2	Erkin-Say	4.74 34	eP	18 00 48.7	+1.4
EKS2	baz=32		iP		
UCH	Uchtor	4.76 42	eP	18 00 48.9	+1.0
UCH	baz=41		eS		
UCH	Uchtor	4.76 42	P	18 00 52.9	-6.6
UCH	baz=41		P		
AAK	Ala-Archa	5.05 39	P	18 00 53.1	+1.5
AAK	SNR=6.6		P		
KZA	Kyzart	5.07 48	P	18 00 58.4	-6.3
KZA	SNR=5.4		P		
KBK	Karagaybulak	5.29 41	P	18 01 00.5	-7.9
KBK	SNR=14		P		
CHMS	Chumysh	5.45 38	eP	18 00 58.1	+1.2
CHMS	baz=36		iP		
CHMS	Chumysh	5.45 38	P	18 01 01.3	+4.3
CHMS	SNR=5.5		P		
UPS	Ospenovka	5.54 34	P	18 01 02.3	+4.0
UPS	SNR=6.1		Pg		
SGDS	SGindiy	5.75 34	Pg	18 01 04.9	+3.9
SGDS	5.1nm,0.6s		Lg		
SGDS	4.6nm,0.7s		Lg		
TKM2	Tokmak 2	5.82 43	P	18 01 06.3	+4.1
TKM2	SNR=29		P		

ISK 13 18:02:19.4,40.78N,31.51E,h1km,ML2.8/27
 DDA 13 18:02:20.1,40.77N,31.52E,h7km,2km,ML2.3
 ISC 13 18:02:20.4,0.9,40.79N,0.003,31.51E,0.02,h12km,9km,
 n43,e0574/55,Turkey

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
YIGI	Dzce	0.18 344	iP	18 02 24.7	+0.2
YIGI	comp=E,2um,0.2s		IAML		
YIGI	comp=N,920nm,0.5s		iS		
YIGI	MDUB	0.40 218	Pg	18 02 27.6	+0.4
YIGI	MDUB		SG		
YIGI	YUVA	0.42 161	Pg	18 02 28.4	-0.2
YIGI	YUVA		SG		
YIGI	BCAM	0.42 86	iP	18 02 28.4	-0.3
YIGI	BCAM		iS		
YIGI	BCAM		IAML		
YIGI	comp=N,520nm,0.5s		IAML		
YIGI	BCAM		IAML		
YIGI	comp=E,374nm,0.3s		IAML		
YIGI	BTAS	0.45 241	iP	18 02 28.9	-0.3
YIGI	BTAS		iS		
YIGI	BTAS		IAML		
YIGI	comp=E,381nm,0.3s		IAML		
YIGI	BTAS		IAML		
YIGI	comp=N,379nm,0.4s		iP		
YIGI	KIBS	0.45 145	iP	18 02 29.0	-0.2
YIGI	KIBS		Sb		
YIGI	KIBS		IAML		
YIGI	comp=E,480nm,0.6s		IAML		
YIGI	KIBS		IAML		
YIGI	comp=N,308nm,0.9s		iP		
YIGI	DEVR	0.50 44	iP	18 02 30.0	-0.2
YIGI	DEVR		iS		
YIGI	DEVR		IAML		
YIGI	comp=E,148nm,0.1s		IAML		
YIGI	DEVR		IAML		
YIGI	comp=N,110nm,0.5s		iP		
YIGI	SAHE	0.51 278	iP	18 02 30.6	-0.6
YIGI	SAHE		iS		
YIGI	SAHE		IAML		
YIGI	comp=N,173nm,0.3s		IAML		
YIGI	SAHE		IAML		
YIGI	comp=E,160nm,0.3s		IAML		
YIGI	GRDE	0.53 88	Pg	18 02 30.5	-0.3
YIGI	GRDE		Pg		
YIGI	CMDR	0.79 111	iP	18 02 35.3	-0.3
YIGI	CMDR		IAML		
YIGI	comp=N,422nm,0.4s		IAML		
YIGI	CMDR		IAML		
YIGI	comp=E,292nm,0.5s		iS		
YIGI	CMDR		Sb		
YIGI	GULT	0.84 245	Pg	18 02 36.5	-0.4
YIGI	GULT		Pb		
YIGI	SAUV	0.90 267	Pg	18 02 37.7	-0.3
YIGI	SAUV		SG		
YIGI	KAYN	0.91 282	iP	18 02 51.1	+1.1
YIGI	KAYN		iS		
YIGI	KAYN		Sb		
YIGI	comp=N,52nm,0.4s		IAML		
YIGI	KAYN		IAML		
YIGI	comp=E,41nm,0.5s		iP		
YIGI	KBUK	0.95 61	iP	18 02 38.0	-0.7
YIGI	KBUK		iS		
YIGI	KBUK		IAML		
YIGI	comp=N,115nm,0.4s		IAML		
YIGI	KBUK		IAML		
YIGI	comp=E,118nm,0.5s		IAML		
YIGI	SAFT	1.00 63	Pg	18 02 39.6	0.0
YIGI	SAFT		Pb		
YIGI	SRCK	1.01 223	Pg	18 02 39.5	-0.2
YIGI	SRCK		Pg		
YIGI	GPA	1.04 242	Pg	18 02 40.2	-0.2
YIGI	GPA		Pg		
YIGI	BORA	1.22 222	Pg	18 02 43.5	+0.2
YIGI	BORA		Pg		
YIGI	Lodumlu	1.31 133	Pg	18 02 45.3	+0.3
YIGI	SVRH	1.34 180	Pg	18 02 45.8	+0.4
YIGI	SVRH		Pb		
YIGI	ANTO	1.34 133	Pg	18 02 45.8	+0.3
YIGI	ANTO		Pg		
YIGI	SIVRHSAR	1.34 179	Pg	18 02 45.9	+0.3
YIGI	SIVRHSAR		Pg		
YIGI	ADVT	1.40 256	Pg	18 02 46.8	-0.4
YIGI	ADVT		Pg		
YIGI	CAVUS	1.40 246	Pg	18 02 46.9	-0.4
YIGI	CAVUS		Pg		
YIGI	HRT	1.40 272	Pg	18 02 46.9	-0.4
YIGI	HRT		Pg		
YIGI	KURC	1.41 41	Pg	18 02 46.2	+0.4
YIGI	KURC		Pg		
YIGI	BOZOYUK	1.43 233	Pg	18 02 47.4	-0.4
YIGI	BOZOYUK		Pg		
YIGI	SILT	1.46 285	Pg	18 02 47.9	-0.6
YIGI	SILT		Pg		
YIGI	CIFTERE	1.46 194	Pg	18 02 47.7	-0.8
YIGI	CIFTERE		Pg		
YIGI	CANT	1.61 96	Pg	18 02 50.0	-0.1
YIGI	CANT		Pb		
YIGI	Yalova	1.62 263	Pg	18 02 50.3	-0.3

TRML	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
AFSR	Afar-Bala (An	1.79 265	Pg	18 02 52.3	-0.8
KMON	Kastamonu	1.79 138	Pg	18 02 52.2	+1.0
KAVV	Kandilli-Istan	1.81 70	Pg	18 02 52.9	-0.7
ISK	Istanbul-Kandi	1.88 279	Pg	18 02 53.7	-0.9
KIZT	Kizilirmaci	1.86 279	Pg	18 02 53.7	+1.4
KLYT	Kilyos	1.92 171	Pg	18 02 54.2	+1.1
BRTR	Reskin Array B	1.93 285	Pg	18 02 54.4	+1.4
ARMT	Armutlu	1.94 122	Pg	18 02 54.5	+1.2
MDNY	Mudanya-Bursa	2.03 265	Pg	18 02 55.9	+1.5
TVSB	Tavasani	2.05 259	Pg	18 02 55.9	+1.3
KULU	Kulu	2.06 320	Pg	18 02 56.6	+1.4
KULU	Kulu	2.08 146	Pg	18 02 56.6	+1.4

JMA 13 18:02:42.2,0.2,24.00N,122.44E,h23km,4km,ML2.7
 TAP 13 18:02:42.5,24.04N,122.45E,h38km,ML3.2,D
 ISC 13 18:02:42.1,1.0,24.00N,122.44E,0.02,h27km,11km,
 n117,e0971/213,1C-4D,Taiwan region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
JYNG	Yonagunijimaku	0.64 46	Pg	18 02 54.6	-0.2
JYNG	Yonaguni jima	0.69 49	Pg	18 02 55.0	-0.7
YOJ	Yonaguni jima	0.69 49	Pg	18 02 55.0	-0.1
YOJ	Yonaguni jima	0.69 49	Pg	18 02 55.5	-0.5
YOJ	Yonaguni jima	0.69 49	Pg	18 02 55.5	-0.6
EHP	Heping Village	0.71 296	eP	18 02 56.1	+0.2
EHP	baz=293		eS		
ETL	Fush Village	0.76 282	P	18 02 56.6	-0.5
ETL	baz=267		S		
HWA	Hwaiien	0.76 268	eP	18 02 56.8	-0.3
HWA	baz=255		eS		
HWA	baz=255		eS		
ENA	Nanau	0.76 304	iP	18 02 56.4	-0.7
ENA	baz=309		iS		
TWD	Chiawan	0.77 276	P	18 02 57.4	+0.4
TWD	baz=273		iS		
NACB	Ninganchiao	0.79 283	P	18 02 56.9	-0.6
NACB	baz=268		S		
NACB	baz=268		S		
TWC	Suao	0.81 318	iP	18 02 56.8	-1.0
TWC	baz=308		iS		
ETM	Tongmen	0.86 268	P	18 02 57.8	-0.7
ETM	baz=265		S		
ETM	baz=265		S		
TEGC	Jichi Village	0.87 251	P	18 02 58.5	-0.1
TEGC	baz=248		S		
ETLH	Xiulin Townshi	0.90 283	P	18 02 58.7	-0.3
ETLH	baz=271		S		
ESL	Shilin	0.94 259	P	18 02 58.9	-0.6
ESL	baz=250		iS		
EGFH	Guangfu	0.98 250	eP	18 03 01.4	-0.7
EGFH	baz=248		S		
EGFH	baz=248		S		
ILA	Ilan	0.99 321	P	18 02 59.1	-1.0
ILA	baz=310		S		
ILA	Ilan	0.99 321	S	18 03 13.5	+0.2
TWE	Neicheng	1.00 316	iP	18 03 00.8	-0.1
TWE	baz=314		S		
TWE	baz=314		S		
NTC	Toucheng	1.01 327	P	18 03 00.7	+0.2
NTC	baz=325		S		
NTC	baz=325		S		
HGSD	Ruisui	1.06 242	P	18 03 00.7	-0.5
HGSD	baz=240		S		
HGSD	baz=240		S		
WHF	Hehnan Shan	1.08 278	iP	18 03 02.0	+0.1

Table of astronomical observations for 13d 18h, listing stations like PYUN, ASAR, MK31, MKAR, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2015 AUG, listing stations like RAO, RAO, RAO, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2015 AUG, listing stations like KHMM, EDW2, O02D, etc., with columns for station name, coordinates, and observation details.

NEIC 13 18:16:27.6±2.5, 22°35.0'±1.779.7W±0.1', h555km, 7km, mb4.5/97, Error ellipse: s-maj=22.4km s-min=14.3km az=150.0

NOU 13 18:16:27.9±2.2, 22°28'S±1.7944W, h581km, MLV5.2/58, South of Fiji Islands

IDC 13 18:16:27.8±1.4, 22°27'S±1.793W, h560km, 15km, mb3.7/24, mb 1.3/9.25, mb 1mx3.7/45, mbtmp@625, Error ellipse: s-maj=11.3km s-min=15.2

ISC 13 18:16:28.0±0.3, 22°50'S±0.05, 179°55'W±0.06, h579km, n371, r1923381, mb4.5/72, 20C-8D, South of Fiji Islands

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

13d 18h

Table with columns for station call letters, name, frequency, and other details. Includes stations like MSVF Nonsavu, MARNC Mare, Loyalty, etc.

2015 AUG

Table with columns for station call letters, name, frequency, and other details. Includes stations like SWI Sorong, PSA00 Pilbara Seismi, BATI Baumatia, etc.

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Table with columns for station call letters, name, frequency, and other details. Includes stations like GMRC Granite Mounta, YBH Yreka Blue Hor, PNTR Pine Nut, etc.

MVU	Marysvalde	86.87	45	P	P	18 39 59.3	-0.2
MSU	Marysvalde	86.90	45	P	P	18 39 60.0	+0.4
G08A	Pilot Rock	86.94	37	P	P	18 39 58.9	-0.5
Q23K	Middleton Isla	87.20	15	P	P	18 39 59.9	-0.2
B05A	Bryant	87.25	33	P	P	18 40 00.8	+0.1
MFID	Camas Ranch	87.53	40	P	P	18 40 01.5	-0.9
BMO	Blue Mountains	87.58	38	P	P	18 40 00.9	-1.6
M19K	Big River Lodge	87.88	10	P	P	18 40 02.3	-1.1
MNTX	Cornudas Mount	87.95	54	P	P	18 40 04.3	-0.2
MNTX	comp=Z,11nm,1.2s			Iamb	Iamb	18 40 05.9	
MNTX	Cornudas Mount	87.95	54	P	P	18 40 03.6	-0.9
TMUT	Trail Mountain	87.96	45	P	P	18 40 04.9	+0.2
RC01	Rabbit Creek A	87.96	13	P	P	18 40 03.2	-0.6
TX31	Lajitas Ar. Si	88.06	57	P	P	18 40 05.2	0.0
TX32	Lajitas Array	88.06	57	P	P	18 40 05.2	0.0
TX32	comp=Z,12nm,1.2s			Iamb	Iamb	18 40 19.6	
LENM	Lemitar	88.06	51	P	P	18 40 04.2	-1.0
TXAR	Lajitas Array	88.06	57	P	P	18 40 05.1	-0.1
TXAR	Lajitas Array	88.06	57	P	P	18 40 03.7	-0.7
L19K	White Mountain	88.06	10	P	P	18 40 05.0	-0.2
D08A	Wollman Farm,	88.09	35	P	P	18 40 04.4	-0.3
D08A	comp=Z,8.1nm,0.9s			Iamb	Iamb	18 40 06.0	
KAIM	Kayak Island	88.10	16	P	P	18 40 04.3	-0.2
SUA	Susitna One	88.11	12	P	P	18 40 04.1	-0.6
E09A	Wood Farm, Sta	88.16	36	P	P	18 40 04.5	-0.6
E09A	comp=Z,11nm,1.3s			Iamb	Iamb	18 40 05.9	
SRU	San Rafael Swe	88.30	45	P	P	18 40 04.9	-1.3
SRU	comp=Z,8.9nm,0.9s			Iamb	Iamb	18 40 07.2	
F10A	Beach Ranch, E	88.31	37	P	P	18 40 04.8	-1.2
F10A	comp=Z,9.6nm,1.0s			Iamb	Iamb	18 40 06.4	
GLI	Glacier Island	88.33	14	P	P	18 40 04.7	-0.9
EYAK	Cordova Ski Ar	88.33	15	P	P	18 40 05.1	-0.4
P17A	Butcher Ranch,	88.36	45	P	P	18 40 06.0	-0.5
P17A	comp=Z,8.9nm,1.0s			Iamb	Iamb	18 40 07.8	
HVU	Hansel Valley	88.39	42	P	P	18 40 06.4	-0.1
HLID	Hailey	88.45	40	P	P	18 40 06.4	-0.4
HLID	comp=Z,8.9nm,1.0s			Iamb	Iamb	18 40 06.2	-0.6
KNK	Knik Glacier	88.52	13	P	P	18 40 05.9	-0.6
B08A	Colville Reser	88.71	34	P	P	18 40 07.2	-0.5
B08A	comp=Z,5.8nm,0.8s			Iamb	Iamb	18 40 08.1	
GHO	Glory Hole Cre	88.75	13	P	P	18 40 06.8	-0.9
WRAK	Wranayt Islan	88.80	23	P	P	18 40 08.0	+0.1
ANMO	Albuquerque	88.83	51	P	P	18 40 08.3	-0.6
ANMO	comp=Z,8.9nm,1.0s			Iamb	Iamb	18 40 08.9	+0.1
ANMO	Albuquerque	88.83	51	P	P	18 40 08.3	-0.6
ANMO	comp=Z,12nm,1.3s			Iamb	Iamb	18 40 10.2	
ANMO	Albuquerque	88.83	51	P	P	18 40 08.5	-0.4
ANMO	comp=Z,8.5nm,1.0s			Iamb	Iamb	18 40 10.2	
ANMO	Albuquerque	88.83	51	P	P	18 40 08.1	-0.7
TCUT	Toone Canyon	88.86	43	P	P	18 40 07.8	-1.1
C09A	Chrisman Ranch	88.90	35	P	P	18 40 08.0	-0.6
C09A	comp=Z,7.2nm,0.8s			Iamb	Iamb	18 40 09.5	
MESM	MESA	88.94	16	P	P	18 40 07.7	-1.0
BMRM	Bremner River	88.97	15	P	P	18 40 08.4	-0.3
HWUT	Hardware Ranch	89.03	43	P	P	18 40 08.6	-1.0
ILAR	Chulitna	89.07	12	P	P	18 40 08.2	-0.8
KLU	Klutina	89.13	14	P	P	18 40 08.9	-0.5
CRQM	Cirque	89.14	16	P	P	18 40 09.1	-0.6
CRQE	Cirque	89.15	16	P	P	18 40 08.4	-1.1
ANM	Nome	89.15	5	P	P	18 40 09.0	-0.3
PPLA	Purkeypile	89.17	11	P	P	18 40 08.5	-1.1
ISLE	Juniper Island	89.21	16	P	P	18 40 09.6	-0.3
K20K	Telida	89.20	10	P	P	18 40 09.0	-1.1
PINM	Pinnacle	89.32	17	P	P	18 40 09.9	-0.4
ENSHI	Enshi	89.36	304	P	P	18 40 11.4	+0.1
VABL	Table Mountain	89.38	17	P	P	18 40 10.5	-0.2
TARDI	Verde Repeater	89.47	15	P	P	18 40 11.4	+0.2
BCYI	Bear Canyon	89.47	40	P	P	18 40 11.8	+0.1
N25K	Chitina, Valde	89.53	15	P	P	18 40 10.7	-0.6
N25K	Chitina, Valde	89.53	15	P	P	18 40 10.9	-0.4
M24K	Tolsona, Glenn	89.62	14	P	P	18 40 11.3	-0.4
BJI	Beijing	89.64	315	P	P	18 40 13.1	+0.9
MCARA	McCarthy VSAT	89.71	15	P	P	18 40 11.7	-0.3
WAT6	Susitna Watana	89.72	13	P	P	18 40 11.1	-1.1
BARN	Barnard Glacier	89.77	16	P	P	18 40 12.0	-0.6
CTG	Chitna Glacier	89.77	16	P	P	18 40 12.2	-0.3
CTGM	Chitina Glacie	89.77	16	P	P	18 40 12.0	-0.5
WATI	Susitna Watana	89.78	12	P	P	18 40 11.6	-0.8
NEW	Newport	89.79	35	P	P	18 40 12.0	-0.8
S22A	4UR Ranch, Cre	90.02	48	P	P	18 40 13.9	-0.6
TRF	Thorofore Moun	90.02	11	P	P	18 40 12.4	-1.2
TRF	Thorofore Moun	90.02	11	P	P	18 40 12.6	-1.1
J20K	Novinta River	90.06	10	P	P	18 40 13.1	-0.5
MCMT	McKenzie Canyo	90.10	40	P	P	18 40 14.1	-0.5
HARP	HAARP	90.11	14	P	P	18 40 13.5	-0.4
SKAG	Skagway	90.22	20	P	P	18 40 15.2	+0.8
SKAG	Skagway	90.22	20	P	P	18 40 13.3	-1.1
RND	Reindeer	90.25	12	P	P	18 40 14.3	-0.3
REDW	Red Top Meadow	90.45	42	P	P	18 40 15.8	-0.5
REDW	comp=Z,7.1nm,1.1s			Iamb	Iamb	18 40 17.3	
TPAW	Teton Pass	90.47	42	P	P	18 40 14.9	-1.5
SEY	Seymchan	90.52	346	LR	LR	19 13 32.5	
SEY	comp=Z,8.2nm,22.0s			Iamb	Iamb	18 40 15.1	-0.6
MCK	McKinley	90.53	12	P	P	18 40 15.6	-0.2
MCK	McKinley	90.53	12	P	P	18 40 15.1	-0.8
PAX	Paxson	90.54	14	P	P	18 40 15.0	-1.1
DLMT	Dillon	90.55	39	P	P	18 40 16.2	-0.3
DLMT	comp=Z,6.5nm,1.0s			Iamb	Iamb	18 40 17.7	
M26K	Nabesna, AK	90.60	15	P	P	18 40 15.9	-0.3
M30	Missoula	90.64	38	P	P	18 40 15.8	-1.1
HYT	Haines Junctio	90.69	18	P	P	18 40 17.5	+0.7
HYT	comp=Z,6.0nm,1.2s			Iamb	Iamb	18 40 19.1	
IMW	Indian Meadow	90.70	41	P	P	18 40 17.3	-0.1
IMW	comp=Z,7.3nm,1.1s			Iamb	Iamb	18 40 18.7	
LOHW	Long Hollow	90.74	42	P	P	18 40 17.4	-0.2
LOHW	comp=Z,8.4nm,1.2s			Iamb	Iamb	18 40 45.4	
M27K	Edge Creek, AK	90.83	15	P	P	18 40 17.6	+0.2

PHIT	Phitsanulok	90.89	288	P	P	18 40 22.2	+3.7
MENT	Menasta	90.90	14	P	P	18 40 17.4	-0.2
TIY	Taiyuan	90.91	311	eP	P	18 40 19.8	+1.5
TIY	comp=Z,23nm,0.6s			pmax	pmax		
BW06	Boulder Array	90.92	43	P	P	18 40 17.5	-0.9
BW06	comp=Z,4.8nm,1.1s			Iamb	Iamb	18 40 19.4	
BW06	Reviding Array	90.92	43	P	P	18 40 17.9	-0.5
PD31	Pinedale Array	90.92	43	P	P	18 40 17.6	-0.8
PDAR	Pinedale Array	90.92	43	P	P	18 40 17.6	-0.9
PDAR	comp=Z,3.5nm,0.9s			Iamb	Iamb	18 40 17.6	-0.8
SDCO	Great Sand Dun	90.92	49	P	P	18 40 18.5	-0.1
SDCO	comp=Z,4.2nm,0.9s			Iamb	Iamb	18 40 19.4	
SDCO	Great Sand Dun	90.92	49	P	P	18 40 18.2	-0.5
QLMT	Earthquake Lak	90.93	40	P	P	18 40 18.7	+0.3
FLWY	Flagg Ranch	90.95	41	P	P	18 40 18.1	-0.4
FLWY	comp=Z,3.5nm,0.9s			Iamb	Iamb	18 40 19.1	+0.3
UTTA	Utatarid	91.00	289	P	P	18 40 22.6	+3.5
L26K	Log Cabin Wild	91.06	14	P	P	18 40 18.4	0.0
DLBC	Dease Lake	91.16	22	P	P	18 40 18.6	-0.3
DLBC	comp=Z,4.0nm,0.9s			Iamb	Iamb	18 40 18.9	-0.1
DLBC	Dease Lake	91.16	22	P	P	18 40 20.5	
BOZ	Bozeman (W)	91.25	39	P	P	18 40 19.6	-0.2
BOZ	Bozeman (W)	91.25	39	P	P	18 40 19.8	+0.1
YHH	Holmes Hill	91.25	40	P	P	18 40 20.7	+0.7
YHH	comp=Z,7.3nm,1.2s			Iamb	Iamb	18 40 22.5	
WHY	Whitehorse	91.31	19	P	P	18 40 19.8	+0.1
I21K	Tanana	91.33	10	P	P	18 40 19.6	+0.1
RIDG	Independent Ri	91.36	14	P	P	18 40 19.3	-0.5
T25A	Trinidad	91.37	50	P	P	18 40 19.8	-0.8
MLY	Manley	91.40	11	P	P	18 40 18.6	-1.3
MLY	Manley	91.40	11	P	P	18 40 19.0	-0.9
L27K	Beaver Creek,	91.45	15	P	P	18 40 19.6	-0.5
L27K	comp=Z,5.2nm,1.2s			Iamb	Iamb	18 40 20.7	
L27K	Beaver Creek,	91.45	15	P	P	18 40 20.0	-0.1
L27K	comp=Z,7.1nm,1.1s			Iamb	Iamb	18 40 21.0	
DOT	Dot Lake	91.45	14	P	P	18 40 19.6	-0.5
DOT	comp=Z,8.4nm,1.1s			Iamb	Iamb	18 40 21.0	
BCAR	Beaver Lake A	91.46	15	P	P	18 40 19.1	-1.1
HDA	Harding Lake	91.52	12	P	P	18 40 19.2	-1.2
HDA	comp=Z,7.5nm,1.1s			Iamb	Iamb	18 40 19.2	-1.2
CCB	Clear Creek Bu	91.57	12	P	P	18 40 20.1	-0.5
CCB	comp=Z,7.5nm,1.1s			Iamb	Iamb	18 40 20.7	
XAN	Xi'an	91.59	307	P	P	18 40 22.6	+1.1
XAN	comp=Z,11nm,1.1s			pmax	pmax		
ZEA	Zeya	91.72	330	eP	P	18 40 22.3	+0.7
ZEA	comp=N,10.0nm,0.9s			pmax	pmax		
ZEA	comp=Z,10.0nm,0.9s			pmax	pmax		
SCRK	Sand Creek	91.75	14	P	P	18 40 20.6	-1.0
COLA	College	91.77	12	eP	P	18 40 20.4	-1.1
COLA	comp=Z,9.0nm,1.1s			pmax	pmax		
MDM	Murphy Dome	91.78	12	P	P	18 40 20.0	-1.6
Q24A	Divide	91.78	48	P	P	18 40 22.6	-0.1
Q24A	comp=Z,7.6nm,1.1s			Iamb	Iamb	18 40 22.3	
IMAR	Indian Mountai	91.82	9	P	P	18 40 20.5	-1.2
ELIAR	Eielson Array	91.86	12	P	P	18 40 21.4	-0.6
ELIAR	comp=Z,2.0nm,0.9s			Iamb	Iamb	18 43 58.1	-4.0
ILAR	comp=Z,0.2nm,0.5s			Iamb	Iamb	19 15 38.4	
ILAR	comp=Z,26nm,19.0s			Iamb	Iamb	18 40 21.1	-0.8
ILAR	Eielson Array	91.86	12	P	P	18 40 22.7	-0.1
YNE	Yellowstone No	91.87	41	P	P	18 40 27.8	+3.5
LAMP	Lampang	92.13	289	P	P	18 40 23.6	-0.8
AMTX	Amarillo	92.21	53	P	P	18 40 23.3	-0.3
K27K	Chicken	92.22	14	P	P	18 40 23.7	+0.1
K27K	comp=Z,6.6nm,1.1s			Iamb	Iamb	18 40 25.8	
K27K	Chicken	92.22	14	P	P	18 40 23.7	+0.1
N23A	Red Feather La	92.23	46	P	P	18 40 24.0	-0.6
RLMT	Red Lodge	92.27	41	P	P	18 40 23.3	-1.8
RLMT	comp=Z,5.4nm,1.1s			Iamb			

13d 18h

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

MAN 13 18:31:19.9, 6.38N, 125.42E, h194km, mb3.9, ML2.7, MS2.2, Mindanao

IDC 13 18:31:25.0z, 2.32, 94S: 178.30W, h0km, mb3.9/2, mb1 4.2/3, mb1mx3.7/30, mbtmpt3.9/3, ML3.8/1, Error ellipse: s-maj=72.0km s-min=36.3km az=120.0

NEIC 13 18:31:26.7z, 0.1, 32.65S: 070.178.27W, 0.3, h10km, 1km, mb4.4/6, Error ellipse: s-maj=36.2km s-min=10.1km az=80.0

ISC 13 18:31:26.2z, 1.3, 32.28S: 071.478.4W, 0.3, h10km, n15, s=1949.12m, mb4.3/6, South of Kermadec Island

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

IDC 13 18:41:45.7z, 1.6, 34.78N: 51.57E, h0km, mb3.6/4, mb1 3.7/6, mb1mx3.4/55, mbtmpt3.6/6, ML3.2/2, Error ellipse: s-maj=45.7km s-min=23.5km az=180.0

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

IDC 13 18:41:45.7z, 1.6, 34.78N: 51.57E, h0km, mb3.6/4, mb1 3.7/6, mb1mx3.4/55, mbtmpt3.6/6, ML3.2/2, Error ellipse: s-maj=45.7km s-min=23.5km az=180.0

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

IDC 13 18:48:47.0z, 0.7, 41.29N: 009.127.27W, 0.07, h10km, n231, s1950/214, mb4.4/52, MS3.6/11, Off coast of northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RDMU Red Mountain, EGMET Eagleton, X16A Lo Mia Camp, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like K38A Parkersburg, EPYK Eagle Plains, U38A Gravette, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like P38A Dawn, CCM Cathedral Cave, JCT Junction City, etc.

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13d 19h

Table with multiple columns containing station call letters, frequencies, power, and other technical details. Includes stations like SJTE, COEG, ALJI, etc., and their associated frequencies and power levels.

SPR3 SPR3	Spring Creek 3	32.02 325	P	P	19 36 35.8 +1.8	19 36 37.4	REDW REDW	Red Top Meadow	33.61 334	P	I	19 36 48.5 +0.7	19 37 13.5	MCMT G62A G62A	McKenzie Canyo West of Eustis	35.65 333 35.66 26	P	P	19 37 07.0 +1.7	19 37 04.8 -0.3	19 37 06.5
comp=Z,19nm,0.9s							comp=Z,36nm,1.1s														
SPR3 J57A J57A	Williamstown	32.02 21	PcP P	PcP I	19 39 23.8 +1.1	19 36 33.1 -0.5	SNOW PA GE LOHW LOHW	Snow King Mound Antelope Grade Long Hollow	33.65 334 33.70 315 33.71 334	P P I	P P I	19 36 48.8 +1.6	19 36 48.5 +0.1	G62A BOZ BOZ	West of Eustis Bozeman (W)	35.66 26 35.75 335	P	P	19 37 05.0 -0.2	19 37 07.4 +1.2	
comp=Z,26nm,0.8s							comp=Z,23nm,1.4s														
OSI OSI	Osito Audit: C	32.05 314	P	P	19 36 35.4 +1.3	19 36 39.7	EYMN Ely Ely	Ely	33.72 360 33.72 360	P P	P P	19 36 46.7 -1.7	19 36 46.8 -1.6	BOZ BOZ	Bozeman (W)	35.75 335 35.75 335	P	P	19 37 07.3 +1.2	19 37 06.9 +0.8	
comp=Z,21nm,1.0s							comp=Z,180														
OSI	Osito Audit: C	32.05 314	P	P	19 36 35.3 +1.3		ELK ELK ELK	Elko	33.74 326	P	P	19 36 50.8 +1.8	19 39 28.1	H64A DGMT	Troy	35.77 27	P	P	19 37 06.0 -0.1		
DUG DUG	Dugway, Tooele	32.07 328	P	P	19 36 35.5 +1.2		ELK ELK	Elko	33.74 326	P	P	19 36 50.8 +1.8	19 36 52.1	MFID MFID	Camas Ranch	35.86 345	P	P	19 37 06.4 -0.5		
comp=Z,7.0nm,0.8s							comp=Z,12nm,0.7s														
DUG DUG	Dugway, Tooele	32.07 328	P	P	19 36 35.5 +1.2		ELK ELK	Elko	33.74 326	P	P	19 36 50.8 +1.8	19 36 52.1	MFID MFID	Camas Ranch	35.86 345	P	P	19 37 06.4 -0.5		
comp=Z,138.5SNR=5.3							comp=Z,12nm,0.7s														
TCUT TCUT	Toone Canyon	32.08 331	P	P	19 36 36.5 +2.1	19 36 37.9	ELK TPAW TPAW	Teton Pass	33.76 334	PcP P	PcP I	19 39 28.1 +0.8	19 36 49.7 +0.6	MFID MFID	Dillon	35.96 329	P	P	19 37 09.2 +1.3	19 37 14.0	
comp=Z,24nm,1.0s							comp=Z,16nm,1.1s														
PECO PECO	Prince Edward	32.15 20	P	P	19 36 34.1 -0.5	19 36 59.6	TPAW J63A	Stratford	33.87 27	P	P	19 39 26.9 -0.5	19 36 49.9 +0.2	G63A G63A	Kingsbury	35.97 26	P	P	19 37 07.7 -0.1		
comp=Z,26nm,0.8s							comp=Z,17SNR=7.0														
UCCT SADO	U. Connecticut	32.17 27	P	P	19 36 35.2 +0.3	19 36 33.6 -2.1	NV11 NV11	Mina Array Sit	33.89 321	P	P	19 36 53.1 +2.9	19 39 28.8 +1.1	AFDM BEKR	Forest Hills D	35.97 319	P	P	19 37 09.3 +1.4	19 37 11.6 +2.2	19 37 14.2
comp=Z,10nm,0.6s,baz=222,slow=8.8,SNR=3.2							comp=Z,43nm,0.8s,baz=135,slow=7.9,SNR=6.9														
SADO SADO	Sadowa	32.26 16	P	P	19 36 34.3 -1.3	19 36 57.0	NV11 161A	Oroboro, Fairl	33.92 25	P	P	19 36 49.9 -0.3	19 36 53.1 +2.1	SAML SAML	Samuel	36.14 128	P	P	19 37 08.7 -0.8	19 37 07.6 -2.2	
comp=Z,226nm,0.9s							comp=Z,15nm,0.7s,baz=136,slow=3.6,SNR=18														
R11A R11A	Troy Canyon, C	32.29 323	P	P	19 36 38.8 +2.5	19 36 38.8 +2.5	NVAR NVAR	Mina Array Bea	33.98 320	P	P	19 39 29.9 +1.9	19 39 48.1	SAML ULM	Samuel	36.14 128 36.22 355	P	P	19 37 08.7 -0.8	19 37 07.6 -2.2	
comp=Z,132,SNR=21							comp=Z,2.0nm,0.6s,baz=121,slow=2.4,SNR=2.4														
TRY TRY	Troy	32.33 25	P	P	19 36 37.1 +0.9	19 36 37.9	NVAR NVAR	Mina Array Bea	33.98 320	P	P	19 39 29.9 +1.9	19 39 48.1	SAML ULM	Samuel	36.14 128 36.22 355	P	P	19 37 08.7 -0.8	19 37 07.6 -2.2	
comp=Z,30nm,0.9s							comp=Z,2.0nm,0.6s,baz=121,slow=2.4,SNR=2.4														
E43A SC2Z	Lone Tree Farm	32.36 6	P	P	19 36 36.8 +0.3	19 36 39.1 +2.3	NVAR NVAR	Mina Array Bea	33.98 320	P	P	19 39 29.9 +1.9	19 39 48.1	SAML ULM	Samuel	36.14 128 36.22 355	P	P	19 37 08.7 -0.8	19 37 07.6 -2.2	
comp=Z,24nm,1.0s							comp=Z,3.4nm,0.8s,baz=140,slow=5.1,SNR=9.6														
E38A ARVC	The Farm, Brul	32.38 360	P	P	19 36 35.6 -1.1	19 36 39.1 +2.1	NVAR NVAR	Mina Array Bea	33.98 320	P	P	19 39 29.9 +1.9	19 39 48.1	SAML ULM	Samuel	36.14 128 36.22 355	P	P	19 37 08.7 -0.8	19 37 07.6 -2.2	
comp=Z,35nm,0.8s							comp=Z,3.4nm,0.8s,baz=140,slow=5.1,SNR=9.6														
L61B L63A	Northampton	32.51 26	P	P	19 36 38.4 +0.6	19 36 38.2 +0.3	NVAR NVAR	Mina Array Bea	33.98 320	P	P	19 39 29.9 +1.9	19 39 48.1	SAML ULM	Samuel	36.14 128 36.22 355	P	P	19 37 08.7 -0.8	19 37 07.6 -2.2	
comp=Z,215							comp=Z,3.4nm,0.8s,baz=140,slow=5.1,SNR=9.6														
GRAC C	Grapevine Rang	32.52 319	P	P	19 36 39.6 +1.5		NVAR NVAR	Mina Array Bea	33.98 320	P	P	19 39 29.9 +1.9	19 39 48.1	SAML ULM	Samuel	36.14 128 36.22 355	P	P	19 37 08.7 -0.8	19 37 07.6 -2.2	
comp=Z,128							comp=Z,3.4nm,0.8s,baz=140,slow=5.1,SNR=9.6														
HWUT HWUT	Hardware Ranch	32.53 331	P	P	19 36 39.8 +1.5	19 36 42.8	NVAR NVAR	Mina Array Bea	33.98 320	P	P	19 39 29.9 +1.9	19 39 48.1	SAML ULM	Samuel	36.14 128 36.22 355	P	P	19 37 08.7 -0.8	19 37 07.6 -2.2	
comp=Z,17nm,0.8s							comp=Z,3.4nm,0.8s,baz=140,slow=5.1,SNR=9.6														
HWUT BW06 BW06	Boulder Array	32.58 335	PcP P	PcP P	19 39 24.4 +0.6	19 36 40.1 +1.3	RYN RYN	Ryan	34.24 321	P	P	19 36 55.3 +2.1	19 36 58.7	ORV ORV	Oroville	36.65 319	P	P	19 37 15.9 +2.2	19 37 13.3 -0.6	
comp=Z,17nm,0.8s							comp=Z,18nm,0.9s														
PD31 PD31	Pinedale Array	32.58 335	P	P	19 36 39.8 +1.0	19 39 23.6 -0.4	KVN KVN	Kaiserville	34.24 321	P	P	19 36 58.6	19 39 29.9 +1.2	WVOR WVOR	Wild Horse Val	36.75 325	P	P	19 37 16.3 +1.6	19 37 13.0 -0.6	
comp=Z,146							comp=Z,31nm,0.9s														
PDAR PDAR	Pinedale Array	32.58 335	P	P	19 36 39.8 +1.0	19 39 23.6 -0.4	KVN KVN	Kaiserville	34.24 321	P	P	19 36 58.6	19 39 29.9 +1.2	WVOR WVOR	Wild Horse Val	36.75 325	P	P	19 37 16.3 +1.6	19 37 13.0 -0.6	
comp=Z,2.2nm,0.7s,baz=140,slow=9.0,SNR=11							comp=Z,31nm,0.9s														
PDAR PDAR	Pinedale Array	32.58 335	P	P	19 36 39.8 +1.0	19 39 23.6 -0.4	KVN KVN	Kaiserville	34.24 321	P	P	19 36 58.6	19 39 29.9 +1.2	WVOR WVOR	Wild Horse Val	36.75 325	P	P	19 37 16.3 +1.6	19 37 13.0 -0.6	
comp=Z,6.5nm,0.9s,baz=123,slow=5.5,SNR=11							comp=Z,31nm,0.9s														
PDAR PDAR	Pinedale Array	32.58 335	P	P	19 36 39.8 +1.0	19 39 23.6 -0.4	KVN KVN	Kaiserville	34.24 321	P	P	19 36 58.6	19 39 29.9 +1.2	WVOR WVOR	Wild Horse Val	36.75 325	P	P	19 37 16.3 +1.6	19 37 13.0 -0.6	
comp=Z,1.3nm,0.7s,baz=143,slow=5.2,SNR=7.6							comp=Z,31nm,0.9s														
PDAR PDAR	Pinedale Array	32.58 335	P	P	19 36 39.8 +1.0	19 39 23.6 -0.4	KVN KVN	Kaiserville	34.24 321	P	P	19 36 58.6	19 39 29.9 +1.2	WVOR WVOR	Wild Horse Val	36.75 325	P	P	19 37 16.3 +1.6	19 37 13.0 -0.6	
comp=Z,1.0nm,0.8s,baz=151,slow=3.4,SNR=4.1							comp=Z,31nm,0.9s														
PDAR BRYW BRYW	Bryant College	32.58 28	P	P	19 36 38.5 0.0	19 36 42.0	MDND MDND	Maddock	34.32 350	P	P	19 36 53.4 -1.0	19 36 52.4 -1.0	H66A G65A	Whiting	36.75 29	P	P	19 37 14.6 +0.1	19 37 15.9 +2.2	19 37 17.9
comp=Z,120nm,21.3s,baz=148,slow=42							comp=Z,12nm,0.9s														
BRYW BRYW	Bryant College	32.58 28	P	P	19 36 38.5 0.0	19 36 42.0	MDND MDND	Maddock	34.32 350	P	P	19 36 53.4 -1.0	19 36 52.4 -1.0	H66A G65A	Whiting	36.75 29	P	P	19 37 14.6 +0.1	19 37 15.9 +2.2	19 37 17.9
comp=Z,25nm,1.0s							comp=Z,12nm,0.9s														
BOAV J59A CWC	Boa Vista	32.59 108	eP	P	19 36 38.9 -0.1	19 36 38.3 -0.6	MDND MDND	Maddock	34.32 350	P	P	19 36 53.4 -1.0	19 36 52.4 -1.0	H66A G65A	Whiting	36.75 29	P	P	19 37 14.6 +0.1	19 37 15.9 +2.2	19 37 17.9
comp=Z,25nm,1.0s							comp=Z,12nm,0.9s														
J59A CWC	Piesco	32.62 23	P	P	19 36 38.3 -0.6	19 36 41.3 +1.9	MDND MDND	Maddock	34.32 350	P	P	19 36 53.4 -1.0	19 36 52.4 -1.0	H66A G65A	Whiting	36.75 29	P	P	19 37 14.6 +0.1	19 37 15.9 +2.2	19 37 17.9
comp=Z,25nm,1.0s							comp=Z,12nm,0.9s														
BGU BGU	Big Grassy Mou	32.72 329	P	P	19 36 41.9 +1.9	19 36 43.3	MDND MDND	Maddock	34.32 350	P	P	19 36 53.4 -1.0	19 36 52.4 -1.0	H66A G65A	Whiting	36.75 29	P	P	19 37 14.6 +0.1	19 37 15.9 +2.2	19 37 17.9
comp=Z,17nm,0.8s							comp=Z,12nm,0.9s														
BTGU SPUT SPUT	South Promonto	32.73 330	P	P	19 39 25.4 +1.0	19 36 41.6 +1.6	MDND MDND	Maddock	34.32 350	P	P	19 36 53.4 -1.0	19 36 52.4 -1.0	H66A G65A	Whiting	36.75 29	P	P	19 37 14.6 +0.1	19 37 15.9 +2.2	19 37 17.9

13d 19h

Table with columns: ID, Name, Location, Elevation, Date, Time, Status, and other details. Includes entries like Chiouquin, Yreka Blue, Yreka Blue, Klamath Falls, Caledonia Moun, etc.

2015 AUG

Table with columns: ID, Name, Location, Elevation, Date, Time, Status, and other details. Includes entries like Lillooet, Schefferville, Serra Nova Du, Parauapebas, etc.

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Table with columns: ID, Name, Location, Elevation, Date, Time, Status, and other details. Includes entries like Tana Glacier, Barra de Sao F, Guarapari, etc.

AB31	Akbulak array	14.68 332	P	P	19 51 32.3	-0.9
AB31		0.7nm,0.4s,baz=139,slow=11,SNR=23				
AKTO	Aktyuensk	16.37 331	P	P	19 51 51.1	-0.8
		0.6nm,0.5s,baz=162,slow=23,SNR=5.9				
		3.7nm,0.6s				

ANF 13 20:02:10.9,0.2,36.08N:97.20W,h5km,ML4.2/17, Error ellipse: s-maj=2.8km s-min=2.0km az=114.0
 NEIC 13 20:02:10.9,36.09N:97.24W,h3km,Moment Tensor Solution. Moment tensor: Scale 10¹⁴Nm; Mrr=0.0; Mss=1.12; Mss=-1.12; Mtt=0.07; Mss=0.00; Mss=0.07; Fault plane solution: M=1.12000e+14 Np1=45.0000°; 3.85,00000°; 1.180,00000°; NP2=135.0000°; 8.90,00000°; 1.5,00000°; Principal axes: T 1.1242, Plg4.0000°, Azm0.0000°; N 0.0000, Plg85.0000°, Azm135.0000°; P -1.1242, Plg4.0000°, Azm270.0000°;
 NEIC 13 20:02:10.8,0.7,36.08N:0.01:97.22W,0.02,h5km,2km, mb_Lg3.5/143,Mwr3.3/15(SLM) Error ellipse: s-maj=3.0km s-min=2.3km az=91.0
 IDC 13 20:02:10.9,2.3,36.12N:97.32W,h0km,mb1 3.7/3, mb1mx3.4/48,mbtmp3.4/3,ML3.4/3, Error ellipse: s-maj=3.1,2km s-min=1.4,5km az=101.0

Code	Station Name	A° AZ°	Phase ID	ISC	Time	Res
Op	ISC	h	m	s	ISC	ISC
OK031	S. Brethren Rd	0.31 113	Op	Pg	20 02 17.2	+0.5
OK031			Sg	Sg	20 02 21.7	+0.7
OK029	Liberty Lake	0.35 217	Op	Pg	20 02 17.5	0.0
QUOK	Quay	0.41 77	Pg	Sg	20 02 19.0	+0.5
OK005	Luther M Schoo	0.42 180	Op	Pg	20 02 19.0	+0.3
OK025	Westminster Rd	0.51 193	Pg	Pg	20 02 20.6	+0.2
			IAMB_Lg		20 02 27.5	
OK001	Jones High Sch	0.52 189	Op	Pg	20 02 20.7	+0.1
OK009	Oakdale Elemen	0.53 201	Op	Pg	20 02 21.0	+0.2
BCOK	Bluff Creek, N	0.54 219	Op	Pg	20 02 21.0	+0.1
BLOK	Blackwell	0.68 359	Pg	Pg	20 02 23.9	+0.2
			IAMB_Lg		20 02 32.0	
OKCFA	Oklahoma City	0.69 198	Op	Pg	20 02 23.9	0.0
OKCFA			IAMB_Lg		20 02 33.1	
OKCFA	Oklahoma City	0.69 198	Sg	Sg	20 02 33.3	+0.3
OKCFA			S	Sg	20 02 33.6	+0.7
OKCFA	Oklahoma City	0.69 198	P	Pg	20 02 23.9	0.0
OKCFA			S	Sg	20 02 33.6	
OKCSW	OKLAHOMA CITY	0.70 197	Op	Pg	20 02 23.9	-0.1
OK011	Prague	0.72 145	Sg	Sg	20 02 34.0	+0.1
CROK	Carrier	0.77 304	Op	Pg	20 02 25.3	0.0
CROK			Sg	Sg	20 02 35.5	+0.2
FNO	Franklin	0.84 192	Op	Pg	20 02 26.4	-0.3
GC02	Grant County #	0.94 325	Op	Pg	20 02 28.5	-0.1
KAN13	South Haven SW	0.95 346	Op	Pg	20 02 28.8	+0.1
T35A	Sooner Cattle	1.00 33	P	Pb	20 02 29.9	-0.1
T35B	Sooner Cattle	1.00 33	P	Pb	20 02 29.9	-0.1
T35B			S	Sb	20 02 43.4	+0.1
T35B			S	S	20 02 43.4	
KAN17	Caldwell West	1.07 335	Op	Pg	20 02 30.9	-0.2
OK032	Salt Plains WL	1.09 312	Pb	Pb	20 02 31.2	-0.4
TUL1	Leonard	1.15 98	P	Pb	20 02 31.9	-0.6
TUL1			S	Sg	20 02 48.2	-0.7
TUL1	Leonard	1.15 98	P	Pb	20 02 32.0	-0.5
TUL1			S	Sb	20 02 47.3	-0.2
TUL1	Leonard	1.15 98	P	Pb	20 02 31.9	
TUL1			S	Sg	20 02 48.2	
KS20	Mayfield South	1.19 346	Op	Pb	20 02 33.0	-0.2
KAN10	Anthony SW Sta	1.27 325	Op	Pb	20 02 34.5	-0.1
KAN08	Anthony NE Sta	1.31 332	Op	Pb	20 02 35.1	0.0
KAN12	Harper NE Stat	1.38 332	Op	Pb	20 02 36.4	0.0
US2A	Winter Ranch,	1.49 282	P	Pb	20 02 37.8	-0.6
US2A	Winter Ranch,	1.49 282	P	Pb	20 02 38.0	-0.4
US2A	Winter Ranch,	1.49 282	P	Pb	20 02 38.0	-0.4
X34A	Smith Ranch, M	1.56 200	Op	Pb	20 02 39.3	-0.2
X34A			Op	Sg	20 03 01.5	+0.7
X34A			IAMB_Lg		20 03 01.6	
WMOK	Wichita Mounta	1.86 225	Op	Pb	20 02 43.5	+1.0
WMOK			Op	Pb	20 03 08.3	+0.3
WMOK	Wichita Mounta	1.86 225	Op	Pb	20 02 43.7	-0.9
WMOK	Wichita Mounta	1.86 225	Op	Pb	20 02 43.9	-0.8
WMOK			S	Sb	20 03 08.6	+0.6
WMOK	Wichita Mounta	1.86 225	Op	Pb	20 02 43.7	
LOOK	Love County	2.08 180	Op	Pb	20 02 47.0	-1.3
LOOK			IAMB_Lg		20 03 21.6	
X37A	Clayton	2.10 134	Op	Pn	20 02 47.3	+1.5
X37A			P	Pn	20 02 47.1	+1.3
X37A			S	Sb	20 03 15.7	+0.7
X37A			S	S	20 02 47.1	
US8A	Gravette	2.30 80	Op	Pn	20 02 49.8	+1.3
US8A			IAMB_Lg		20 03 28.0	
US8A	Gravette	2.30 80	Op	Pn	20 02 49.9	+1.4
US8A	Gravette	2.30 80	Op	Pn	20 02 49.9	+1.4
R32A	Long Quarter,	2.63 333	Op	Pn	20 02 54.1	+1.0
R32A			IAMB_Lg		20 03 37.9	
R32A	Long Quarter,	2.63 333	Op	S	20 03 27.1	+1.9
R32A			S	S	20 03 27.1	
HHAR	Hobbs	2.64 85	Op	Pn	20 02 54.5	+1.3
HHAR			IAMB_Lg		20 03 39.7	
HHAR	Hobbs	2.64 85	Op	Pn	20 02 54.4	+1.2
HHAR			P	Pn	20 02 54.4	
Z35A	Perchaven, San	2.74 181	Op	Pn	20 02 55.8	+1.2
Z35A	Perchaven, San	2.74 181	Op	Pn	20 02 55.7	+1.1
Z35A			S	S	20 03 30.6	+2.8
Z35A			S	S	20 02 55.7	
Z35A			S	S	20 03 30.6	
W39A	Magazine	2.91 107	Op	Pn	20 02 57.9	+0.9
W39A			IAMB_Lg		20 03 47.4	
W39A	Magazine	2.91 107	Op	Pn	20 02 58.3	+1.4
W39A			P	Pn	20 02 58.3	+1.4
W39A	Magazine	2.91 107	Op	Pn	20 02 58.3	+1.4
W39A			P	Pn	20 02 58.3	+1.4
KSU1	Kansas State U	3.05 9	Op	Pn	20 03 00.1	+1.2
KSU1			IAMB_Lg		20 03 55.1	

KSU1	Kansas State U	3.05 9	Op	Pn	20 03 00.5	+1.6
MIAR	Mount Ida	3.33 116	Op	Pn	20 03 04.3	+1.6
MIAR			IAMB_Lg		20 04 01.6	
MIAR	Mount Ida	3.33 116	Op	Pn	20 03 04.1	+1.5
MIAR			P	Pn	20 03 03.7	+1.1
MIAR	Mount Ida	3.33 116	Op	Pn	20 03 04.1	
Z38A	Mt. Pleasant	3.35 146	Op	Pn	20 03 04.1	+1.2
CBKS	Cedar Bluff	3.40 324	Op	Pn	20 03 04.2	+0.6
CBKS			IAMB_Lg		20 04 01.3	
S39A	Bolivar	3.50 61	Op	Pn	20 03 06.7	+1.7
S39A			IAMB_Lg		20 04 02.8	
S39A	Bolivar	3.50 61	Op	Pn	20 03 06.5	+1.5
S39A			P	Pn	20 03 06.5	
S39A	Bolivar	3.50 61	Op	Pn	20 03 06.5	
S39A			P	Pn	20 03 06.5	
U40A	Yellville	3.52 84	Op	Pn	20 03 05.9	+0.6
U40A			P	Pn	20 03 06.2	+0.9
U40A	Yellville	3.52 84	Op	Pn	20 03 06.1	+0.8
U40A			P	Pn	20 03 06.2	
U40A	Yellville	3.52 84	Op	Pn	20 03 06.2	
U40A			P	Pn	20 03 06.2	
AMTX	Amarillo	3.85 253	Op	Pn	20 03 10.6	+0.7
AMTX			IAMB_Lg		20 04 13.5	
AMTX	Amarillo	3.85 253	Op	Pn	20 03 11.5	+1.6
AMTX			Sb	Sg	20 04 10.3	-3.9
X40A	Basin Creek Fa	3.90 113	Op	Pn	20 03 12.1	+1.6
X40A			IAMB_Lg		20 04 19.6	
X40A	Basin Creek Fa	3.90 113	Op	Pn	20 03 12.0	+1.5
X40A			P	Pn	20 03 10.7	+0.2
X40A	Basin Creek Fa	3.90 113	Op	Pn	20 03 12.0	
X40A			P	Pn	20 03 12.0	
ABTX	Abilene, Hawle	4.00 211	Op	Pn	20 03 12.3	+0.4
ABTX			IAMB_Lg		20 04 21.9	
ABTX	Abilene, Hawle	4.00 211	Op	Sb	20 04 12.5	+3.0
ABTX			Sb	Sb	20 04 12.5	+3.0
WHAR	Woolly Hollow	4.07 100	Op	Pn	20 03 12.9	0.0
WHAR			IAMB_Lg		20 04 24.0	
WHTX	Lake Whitney,	4.08 183	Op	Pn	20 03 12.7	-0.3
WHTX			P	Pn	20 03 13.5	+0.5
WHTX			S	Sn	20 04 01.0	+0.1
MGMO	Mountain Grove	4.11 73	Op	Pn	20 03 13.3	-0.1
MGMO			IAMB_Lg		20 04 25.9	
FCAR	Ozark Folk Cen	4.12 91	Op	Pn	20 03 13.5	0.0
FCAR			IAMB_Lg		20 04 27.7	
WLAR	White Oak Lake	4.12 124	Op	Pn	20 04 28.6	
W41B	Gary Maivity, V	4.13 101	Op	Pn	20 03 14.5	+0.9
W41B			S	Sn	20 04 03.3	+1.3
W41B	Gary Maivity, V	4.13 101	Op	Pn	20 03 14.3	+0.7
W41B			S	Sn	20 04 02.5	+0.5
W41B	Gary Maivity, V	4.13 101	Op	Pn	20 03 14.5	
W41B			S	S	20 04 03.3	
237A	Washetta, Mont	4.23 164	Op	Pn	20 03 15.4	+0.4
237A			IAMB_Lg		20 04 35.8	
237A	Washetta, Mont	4.23 164	Op	S	20 04 05.1	+0.7
237A			S	S	20 04 05.1	
237A	Washetta, Mont	4.23 164	Op	S	20 03 17.4	-1.5
R40A	Maddies Statio	4.51 59	Op	Pn	20 03 20.2	+1.4
R40A			P	Pn	20 03 20.2	+1.4
R40A	Maddies Statio	4.51 59	Op	Pn	20 03 20.2	
R40A			P	Pn	20 03 20.2	
P38A	Dawn	4.58 38	Op	Pn	20 03 20.5	+0.7
P38A			IAMB_Lg		20 04 37.5	
Z41A	Richard Creek	4.58 127	Op	S	20 04 13.7	+0.5
N33A	J Bar K, Exete	4.66 358	Op	Pn	20 03 19.0	-1.9
N33A			IAMB_Lg		20 04 41.4	
NATX	Nacogdoches	4.79 153	Op	Pn	20 03 23.8	+1.0
NATX			IAMB_Lg		20 04 48.0	
NATX	Nacogdoches	4.79 153	Op	S	20 04 18.2	-0.2
NATX			S	Sn	20 03 24.0	-0.2
LCAR	Lake Charles	4.89 88	Op	Pn	20 03 24.0	-0.2
LCAR			IAMB_Lg		20 04 46.2	
N35A	Tabor	4.93 14	Op	Pn	20 03 23.7	-0.9
N35A			IAMB_Lg		20 04 5	

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MRKONJ, UPM, BOJS, etc.

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PB06, PB06, PB06, etc.

NEIC 13 20:15:38.7-1.6, 22:41S; 0.07x65.96W, 0.09, h257km, 7km

SJA 13 20:15:38.0-0.7, 22:50S; 65.98W, h282km, 5km, ML4.3, MW4.0

IDC 13 20:15:38.8-1.1, 22:41S; 65.88W, h261km, 10km, mb4.0/4, mb1.3/8/10, mb1mx3.5/3.7, mbtmp4.4/10, Error ellipse: s-maj=20.4km s-min=14.8km az=135.0

VAO 13 20:15:39.6-0.3, 22:39S; 66.00W, h281km, 4km, mb4.2

ISC 13 20:15:38.6-0.6, 22:39S; 0.04x66.05W, 0.04, h269km, 5km, n150, s1908/177, mb4.47, 13C, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Elevation, Time, Res, Op, Phase, ISC, H, Time, Res. Includes stations like YJA, YJA, YJA, etc.

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

Table with columns: MLY, Manley, 7.28, 9, P, Pn, 23 42 23.6 -0.6, etc. Lists various astronomical objects and their properties.

Table with columns: EZN, Ezine, 0.96, 113, P, S, P, 00 30 54.5 -0.4, etc. Lists astronomical objects and their properties.

Table with columns: BLKB, Belogradchik, 3.89, 332, ePn, Pn, 00 31 36.8 +0.8, etc. Lists astronomical objects and their properties.

Table with columns: BEO, 14 00:30:28.9, 0.7, 39, 84N, 25:65E, h0km, ML3.8/10, etc. Lists astronomical objects and their properties.

Table with columns: AYA, Ayva, 1.46, 7, iP, Pn, 00 31 01.2 -1.3, etc. Lists astronomical objects and their properties.

Table with columns: IDC, 14 00:38:01.4, 1.5, 59, 96N, 152:56W, h83km, mb3.9/4, etc. Lists astronomical objects and their properties.

SEW	Seward	1.62	83	Pn	00 38 29.5	-0.7
SEW	Seward	1.62	83	P	00 38 29.5	-0.7
SEW	baz=268,SNR=18			S	00 38 49.7	-1.6
FIS	Fire Island	1.70	44	Pn	00 38 32.1	+0.9
FIS	Fire Island	1.70	44	Sn	00 38 55.0	+1.8
FIS	comp=E,1.1um,0.6s			IAML	00 39 00.2	
FIS	comp=N,2um,0.6s			IAML	00 39 02.8	
KAHG	Katmai Hook Gl	1.75	214	Pn	00 38 32.6	+0.7
N18K	Kilae Creek	1.76	296	Pn	00 38 31.7	-0.4
N18K	Kilae Creek	1.76	296	Sn	00 38 53.1	-1.5
N18K	baz=112,SNR=151			P	00 38 31.7	-0.4
N18K	baz=112			S	00 38 53.0	-1.5
KAHC	Katmai Hardscr	1.77	224	Pn	00 38 32.6	+0.4
SUA	Susitna One	1.79	31	Pn	00 38 32.5	+0.1
SUA	comp=E,1.1um,0.9s			IAML	00 38 56.8	
SUA	comp=N,1.1um,0.6s			IAML	00 38 57.5	
SUA	Susitna One	1.79	31	Pn	00 38 32.5	+0.1
SUA	baz=214,SNR=300			S	00 38 55.2	-0.1
SVW2	Sparrevohn	1.84	310	Pn	00 38 32.4	-0.7
SVW2				Sn	00 38 53.5	-2.9
RC01	Rabbit Creek A	1.85	50	Pn	00 38 33.1	0.0
RC01	Rabbit Creek A	1.85	50	Sn	00 38 55.4	-1.0
RC01	comp=E,1.1um,0.5s			IAML	00 38 57.6	
RC01	Rabbit Creek A	1.85	50	Pn	00 38 33.1	0.0
RC01	baz=234,SNR=42			S	00 38 55.5	-1.0
KAWH	Katmai	1.92	216	Pn	00 38 34.5	+0.5
M20K	Styx River	1.95	354	Pn	00 38 34.5	0.0
M20K	Styx River	1.95	354	P	00 38 34.5	0.0
M20K	baz=173			S	00 38 58.2	-0.8
KVTA	Katmai Vly 10	2.07	222	Pn	00 38 36.7	+0.7
SKT	Skwentna	2.11	15	Pn	00 38 36.1	-0.3
SKT	Skwentna	2.11	15	P	00 38 36.1	-0.4
KCE	Katmai Mt Cerb	2.15	218	Pn	00 38 38.1	+1.1
KABU	Katmai Buttes	2.16	220	Pn	00 38 38.1	+0.9
KDAD	Kodiak Island	2.17	179	Pn	00 38 36.7	-0.6
KDAD	comp=E,5.5nm,0.3s, baz=59,slow=12,SNR=659			Sn	00 39 02.4	-1.5
KDAD	comp=E,4.7nm,0.3s, baz=214,slow=22,SNR=20			S	00 39 04.7	
KDAD	Kodiak Island	2.17	179	Pn	00 38 36.7	-0.6
KDAD	comp=E,4.10nm,0.2s			IAML	00 39 02.4	
KDAD	Kodiak Island	2.17	179	P	00 38 36.7	-0.6
KDAD	baz=359			S	00 39 02.3	-1.5
KABR	Katmai Barrier	2.18	214	Pn	00 38 38.0	+0.6
ANCK	Angle Creek	2.28	221	Pn	00 38 39.6	+0.9
PWL	Port Wells	2.34	65	Pn	00 38 38.2	-1.2
CAHL	Cahill	2.34	217	Pn	00 38 40.6	+1.1
PMR	Palmer	2.39	45	Pn	00 38 39.6	-0.5
PMR	Palmer	2.39	45	IAML	00 39 08.4	
PMR	comp=N,504nm,0.4s			IAML	00 39 08.4	
PMR	Palmer	2.39	45	P	00 38 39.5	-0.6
PMR	baz=229,SNR=25			S	00 39 06.4	-2.6
KJL	Kejulik	2.42	220	Pn	00 38 41.9	+1.3
L19K	White Mountain	2.48	336	Pn	00 38 41.1	-0.2
L19K	White Mountain	2.48	336	P	00 38 41.3	0.0
L19K	baz=153,SNR=302			S	00 39 09.7	-1.4
KNK	Knik Glacier	2.54	53	Pn	00 38 41.6	-0.5
KNK	Knik Glacier	2.54	53	Pn	00 38 41.4	-0.6
KNK	baz=237,SNR=35			S	00 39 10.0	-2.5
GHO	Glory Hole Cre	2.59	43	Pn	00 38 42.3	-0.5
GHO	Glory Hole Cre	2.59	43	IAML	00 39 13.8	
CUT	Chulitna	2.73	24	Pn	00 38 44.7	+0.2
CUT	Chulitna	2.73	24	IAML	00 39 21.0	
CUT	comp=N,667nm,0.5s			IAML	00 39 26.6	
CUT	comp=E,413nm,0.6s			P	00 38 44.6	+0.1
CUT	baz=207,SNR=28			S	00 39 16.5	-0.3
OHAK	Old Harbor	2.75	187	Pn	00 38 44.1	-0.8
OHAK	Old Harbor	2.75	187	IAML	00 39 21.3	
OHAK	comp=N,217nm,0.5s			P	00 38 44.1	-0.8
OHAK	Old Harbor	2.75	187	P	00 38 44.1	-0.8
OHAK	baz=6.2,SNR=40			S	00 39 14.7	-2.8
SML	Sawmill	2.82	47	Pn	00 38 45.2	-0.6
SML	comp=N,457nm,0.6s			IAML	00 39 19.1	
SML	comp=E,437nm,0.7s			IAML	00 39 19.2	
SML	Sawmill	2.82	47	P	00 38 45.2	-0.6
SML	baz=231,SNR=41			S	00 39 16.4	-2.8
GLI	Glacier Island	2.92	69	Pn	00 38 46.5	-0.5
GLI	comp=N,586nm,0.5s			IAML	00 39 19.8	
GLI	comp=E,456nm,0.5s			P	00 38 45.0	-2.0
GLI	Glacier Island	2.92	69	P	00 38 45.0	-2.0
GLI	baz=255,SNR=10			S	00 39 17.6	-3.9
PLK3	Peulik 3	2.94	221	Pn	00 38 49.0	+1.6
PPLA	Purkeypile	2.97	4	Pn	00 38 48.4	+0.6
PPLA	baz=185,SNR=128			P	00 38 48.4	+0.6
PLK1	Peulik 1	2.97	225	Pn	00 38 48.7	+0.9
HIN	Hinchinbrook I	3.11	79	IAML	00 38 48.1	-1.6
HIN	comp=N,374nm,0.7s			IAML	00 39 25.5	
FID	Port Fidalgo	3.18	73	Pn	00 38 48.3	-2.3
JKP	Jack Peak	3.20	67	Pn	00 38 49.9	-0.9
SCM	Sheep Creek Mo	3.22	52	Pn	00 38 50.6	-0.6
SCM	comp=E,373nm,0.8s			IAML	00 39 30.9	
SCM	comp=N,420nm,0.8s			IAML	00 39 33.7	
Q23K	Middleton Isla	3.25	97	Pn	00 38 51.4	0.0
Q23K	comp=E,149nm,1.6s			IAML	00 40 33.3	
Q23K	Middleton Isla	3.25	97	P	00 38 51.5	+0.1
Q23K	baz=283,SNR=5.3			S	00 39 27.9	-1.3
MID	Middleton Isla	3.25	97	Pn	00 38 51.5	0.0
MID	comp=E,153nm,1.2s			IAML	00 39 30.9	
HUR	Hurricane	3.37	24	Pn	00 38 54.1	+1.0
TT01	Tatalina	3.38	333	Pn	00 38 52.9	-0.3
TTA	Tatalina	3.40	333	Ph	00 38 52.5	-1.0
TTA	Tatalina	3.40	333	S	00 39 31.9	-1.1
WAT7	Susitna Watana	3.43	31	Pn	00 38 53.5	-0.4
K20K	Telida	3.48	350	Pn	00 38 54.8	+0.2
K20K	Telida	3.48	350	P	00 38 54.9	+0.2
SII	Sitkinak Islan	3.49	194	IAML	00 38 53.9	-0.9
SII	comp=E,212nm,0.4s			IAML	00 39 34.5	
SII	comp=N,131nm,0.8s			IAML	00 39 43.8	
SII	Sitkinak Islan	3.49	194	P	00 38 54.1	-0.7
SII	baz=12,SNR=20			S	00 39 32.3	-2.9
EYAK	Cordova Ski Ar	3.50	77	Pn	00 38 54.4	-0.4

EYAK	Cordova Ski Ar	3.50	77	P	00 38 54.0	-0.8
EYAK	baz=264			S	00 39 32.2	-3.1
WAT1	Susitna Watana	3.50	33	Pn	00 38 54.6	-0.3
WAT1	Susitna Watana	3.50	33	P	00 38 54.4	-0.5
WAT6	Susitna Watana	3.55	40	Pn	00 38 55.2	-0.5
WAT6	Susitna Watana	3.55	40	P	00 38 55.2	-0.5
WAT6	baz=225,SNR=98			S	00 39 35.0	-1.8
DIV	Divide	3.61	68	Pn	00 38 56.2	-0.1
KLU	Klutina	3.66	62	Pn	00 38 56.0	-1.0
KLU	Klutina	3.66	62	P	00 38 55.9	-1.1
KLU	baz=249,SNR=16			S	00 39 36.1	-3.2
TRF	Thorofere Moun	3.69	17	Pn	00 38 57.2	-0.4
TRF	Thorofere Moun	3.69	17	P	00 38 57.1	-0.5
KTH	Kantishna Hill	3.71	12	Pn	00 38 57.5	-0.2
M24K	Tolsona, Glenn	3.83	53	Pn	00 38 59.3	0.0
M24K	Tolsona, Glenn	3.83	53	P	00 38 59.2	0.0
M24K	baz=239,SNR=15			S	00 39 42.5	-0.8
RND	Reindeer	3.92	26	Pn	00 39 00.5	0.0
CHUM	Lake Minchumim	3.95	2	Pn	00 39 01.0	+0.1
CHUM	Lake Minchumim	3.95	2	P	00 39 00.9	0.0
GOAT	Goat Mountain	4.01	77	Pn	00 39 01.4	-0.2
RAGM	Ragged Mountai	4.02	90	Pn	00 39 01.1	-0.7
EMRM	Gremmer River	4.12	72	IAML	00 39 02.2	-1.0
EMRM	Bremner River	4.12	72	IAML	00 40 02.6	
EMRM	comp=E,148nm,0.8s			IAML	00 40 10.7	
EMRM	comp=N,151nm,0.8s			IAML	00 40 10.7	
EMRM	Gremmer River	4.12	72	P	00 39 02.2	-1.0
EMRM	baz=260			S	00 39 46.8	-3.6
KAIM	Kayak Island	4.15	87	Ph	00 39 03.7	+0.1
KAIM	comp=E,93nm,0.4s			IAML	00 39 54.3	
KAIM	comp=N,101nm,0.9s			IAML	00 39 55.3	
KAIM	Key Island	4.15	87	P	00 39 02.9	-0.6
MCK	McKinley	4.19	23	IAML	00 39 04.6	+0.5
MCK	comp=E,76nm,0.1s			IAML	00 40 00.9	
MCK	comp=N,68nm,1.1s			IAML	00 40 23.0	
MCK	McKinley	4.19	23	Pn	00 39 04.5	+0.4
MCK	baz=207,SNR=32			S	00 39 50.3	-1.7
HMT	Hamilton	4.22	81	IAML	00 39 04.3	-0.2
HMT	comp=N,195nm,0.4s			IAML	00 39 54.0	
BPAW	Bear Paw Mtn.	4.24	10	Pn	00 39 03.9	-0.9
BPAW	Bear Paw Mtn.	4.24	10	P	00 39 03.9	-0.9
N25K	Chitina, Valde	4.29	64	IAML	00 39 04.5	-1.1
N25K	Chitina, Valde	4.29	64	IAML	00 39 54.2	
N25K	comp=E,119nm,0.6s			IAML	00 40 11.4	
N25K	comp=N,107nm,0.5s			IAML	00 40 11.4	
N25K	Chitina, Valde	4.29	64	P	00 39 04.5	-1.1
N25K	baz=29,SNR=5.8			S	00 39 05.8	+0.2
J20K	Nowinta River	4.30	351	Pn	00 39 05.8	+0.2
J20K	Nowinta River	4.30	351	P	00 39 05.8	+0.2
NICH	Nichawak Mount	4.37	82	Pn	00 39 06.5	+0.1
HARP	HARP	4.39	53	Pn	00 39 06.8	0.0
HARP	HARP	4.39	53	P	00 39 06.6	-0.2
CHIR	Chirikof Islan	4.43	202	Ph	00 39 05.8	-1.5
CHIR	Chirikof Islan	4.43	202	IAML	00 39 56.8	
CHIR	comp=N,53nm,0.5s			IAML	00 39 06.6	-0.7
SUCK	Suckling Hills	4.46	85	Ph	00 39 07.7	-0.1
SUCK	comp=N,66nm,1.3s			IAML	00 40 01.1	
SUCK	comp=N,66nm,1.3s			IAML	00 40 08.0	
SUCK	comp=E,54nm,1.0s			IAML	00 39 08.1	-0.1
BWN	Browne	4.50	18	IAML	00 40 27.6	
BWN	comp=E,96nm,1.0s			IAML	00 40 51.6	
BWN	comp=N,99nm,1.1s			IAML	00 40 51.6	
BERG	Berg Lake	4.50	80	Pn	00 39 08.4	+0.1
BERG	comp=N,175nm,0.5s			IAML	00 39 56.2	
BERG	comp=E,163nm,0.4s			IAML	00 39 59.9	
PAX	Paxson	4.59	46	Pn	00 39 08.9	-0.8
PAX	Paxson	4.59	46	P	00 39 08.9	+0.2
GLB	Gilahina Butte	4.60	67	Pn	00 39 08.6	-1.1
GLB	Gilahina Butte	4.60	67	IAML	00 40 01.8	
GLB	comp=N,111nm,0.4s			IAML	00 40 02.5	
GRIN	Grindle Hills	4.69	82	Pn	00 39 11.0	+0.1
BGLC	Bering Glacier	4.71	84	Pn	00 39 11.6	+0.5
VRDI	Verde Repeater	4.72	70	IAML	00 39 10.7	-0.8
VRDI	comp=N,54nm,0.6s			IAML	00 40 07.4	
KHIT	Khithrov Hills	4.73	80	Pn	00 39 11.4	-0.1
CRQM	Cirque	4.80	76	IAML	00 39 12.6	+0.1
CRQM	comp=N,113nm,0.5s			IAML	00 40 06.8	
CRQE	Cirque	4.82	76	P	00 39 12.4	-0.4
CRQE	baz=265,SNR=5.7			S	00 39 12.4	-0.4
WAX	Waxell Ridge	4.92	80	Pn	00 39 13.9	-0.1
TGL	Tana Glacier	4.95	76	Ph	00 39 14.5	0.0
TGL	comp=N,8					

Table with columns: Call, Name, Time, Az, El, AzE, Phase, ID, Res, Res ISC. Rows include stations like Beaver Creek, GAR, CHGR, ASAR, etc.

Table with columns: Call, Name, Time, Az, El, AzE, Phase, ID, Res, Res ISC. Rows include stations like CLL, SMOL, SMOL, etc.

Table with columns: Code, Station Name, Time, Az, El, AzE, Phase, ID, Res, Res ISC. Rows include stations like WRA, ASAR, MKAR, etc.

Table with columns: SNA, SNAE, VNA3, VNA2, VNA1, H03S2, H03S1, H03S3, H03N2, H03N1, FINES. Includes station names, coordinates, and various parameters.

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

JMA 14 03:36:23.3±0.2, 24.00N±1.22, 122.45E, h25km±5km, M1.9
TAP 14 03:36:23.7, 24.13N±1.22, 122.48E, h50km±1km, ML2.7, D
ISC 14 03:36:23.4±1.2, 24.06N±0.04, 122.42E±0.02, h23km±13km, n26, c0568/44, Taiwan region

Main table for the first section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYNG, YON, ENA, TWD, TSW, TWC, NACB, ETM, ETNL, WHF, HGSD, FUSS, YHNB, CHGB, EHY, ENK, WFSB, IRIF, TWF1, HATJ, FULB, YUS, JKRS, JISG.

JMA 14 03:36:51.1±0.2, 24.73N±1.21, 121.99E, h70km±3km, M1.8
TAP 14 03:36:51.5, 24.73N±1.21, 121.97E, h68km±1km, ML2.6, B
ISC 14 03:36:51.6±1.6, 24.72N±0.05, 122.00E±0.04, h66km±10km, n29, c071/53, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWC, TWP1, TIPB, TWE, ENA, NWF.

Table with columns: NWF, WFSB, TWA, TNOU, YHNB, YMO1, NSK, NACB, ETNL, TWD, FUSS, WHF, ETM, JYNG, TDCB, NSTT, YOJ, CHGB, WHP, SSSLB, WHYT, IRIF. Includes station names, coordinates, and various parameters.

IDC 14 03:37:16.5±2.7, 32.72S±1.78, 178.36W, h0km, mb4.3/3, mb1 4.5/4, mb1mx3.9/24, mbtmp4.3/4, ML4.2/1, MS3.3/1, Ms1 3.3/1, ms1mx2.7/28, Error ellipse: s-maj=61.8km s-min=43.0km az=127.0

ISC 14 03:37:33.7±2.4, 33.1S±0.2, 179.8E±0.3, h35km, n10, c056/8, mb4.2/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ, DZM, CTA, ASAR, WRA, SNA, VNA3, VNA2, VNA1, FINES.

IDC 14 03:56:52.6±2.8, 9.26S±1.15, 155.00E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.4/24, mbtmp3.4/4, Error ellipse: s-maj=132.8km s-min=24.9km az=62.0

DJA 14 03:57:07.9±0.6, 9.5S±4.1, 162.1E±1.1, h34km±8km, M3.8/13, MLV3.8/13

ISC 14 03:57:06.1±1.1, 9.1S±0.1, 115.53E±0.04, h86km±11km, n19, c147/24, mb3.2/4, South of Bali

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DNP, KHKI, KLNI, SRBI, TWSI, BYJI, JAGI, ABJI, PLAI, KMMI, KRKI, PWJI, WBSI, SJI, PCJA, ASAR, SONM, MKAR.

KRNET 14 04:07:02.4±0.1, 39.06N±0.75E, h13km, mb3.6
SOME 14 04:07:04.7, 39.40N±1.93E, h0km
NINC 14 04:07:06.4±2.4, 39.02N±0.74E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=19.8km s-min=12.2km az=33.0

ISC 14 04:07:04.3±1.0, 39.05N±0.05, 70.70E±0.03, h10km, n30, c25/14/51, 29C-10B, Tajikistan

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

Table with columns: BTK, CHGR, OHH, SFK, TRKS, TAS, TAS, IUG, IUG, MNAS, MNAS, AML, AML, ARLS, ARLS, KK31, KK31, KK31, MRKS, MRKS, EKS2, EKS2, UCH, UCH, UCH, AAK, AAK, AAK, AAK, KZA, KZA, KZA, KBK, KBK, CHMS, CHMS, CHMS, USP, TKM2, TKM2, KST, KST, DGS, DGS. Includes station names, coordinates, and various parameters.

IDC 14 04:18:17.9±0.7, 33.76N±89.12E, h0km, mb4.0/17, mb1 4.1/22, mb1mx4.0/53, mbtmp4.0/22, ML3.6/5, MS3.5/10, Ms1 3.5/10, ms1mx3.2/54, Error ellipse: s-maj=23.1km s-min=13.0km az=45.0

NEIC 14 04:18:20.6±1.8, 33.83N±0.04, 89.05E±0.08, h10km±1km, mb4.3/21, Error ellipse: s-maj=12.5km s-min=5.4km az=112.0

BJI 14 04:18:20.8±0.0, 33.80N±89.28E, h8km, mb3.9/2, mb4.2/4, MS3.9/4, MS7.3/6/4

ISC 14 04:18:20.0±0.5, 33.86N±0.08, 89.12E±0.09, h10km, n58, c0498/52, mb4.3/20, MS3.5/8, Xizang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSH, SHIL, WMQ, WMQ, WMQ, WMQ, MK31, MKAR, MKAR, AAK, CHGR, ENH, ENH, CMAR, CMAR, SLVN, KURBB, KURK, SONM, SONM, SONM, ULN, ZAAO, ZAAO, ZALV.

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Table with columns: ZALV, comp, LR, LR, 04 30 55.0, etc. Includes stations like Zalesovo Beam, Borovoye Array, etc.

NNC 14 04:26:13.9.3.0, 53.32N-87.83E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=2.1km s-min=12.4km az=77.0, Suspected Mining explosion

IDC 14 04:26:16.4.2.7, 53.49N-87.68E, h0km, mb1.3, 2/2, mb1mx3.0/57, mbmp3.2/2, ML2.9/2, Error ellipse: s-maj=23.4km s-min=14.3km az=61.0

ISC 14 04:26:16.0.1.8, 52.48N-100.46E, h0km, n7, c3511/11, SC-3D, Southwestern Siberia

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

ANF 14 04:35:24.8.0.5, 41.79N-119.48W, h0km, ML3.4/19, Error ellipse: s-maj=4.9km s-min=2.5km az=98.0

REN 14 04:35:27.6.1.4, 41.87N-103.119, 62W, 0.02, h11km, 6km, ML3.4/5, ML3.7/8(N/E), ML3.3/4(E/A), Error ellipse: s-maj=4.2km s-min=2.5km az=178.0

NEIC 14 04:35:27.2.2.1, 41.82N-103.119, 608W, 0.008, h5km, 5km, Error ellipse: s-maj=4.6km s-min=1.0km az=183.0

SEA 14 04:35:28.6.2.4, 41.83N-103.119, 62W, 0.03, h0km, 6km, Error ellipse: s-maj=4.6km s-min=2.9km az=187.0

ISC 14 04:35:26.8.1.2, 41.87N-102.119, 60W, 0.02, h1km, 11km, n121, c098/132, Nevada

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

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Main table with columns: LASM, Arnica Sink, 1.51 260, Pn, 04 35 54.7 -0.5, etc. Includes stations like Arnica Sink, Butte Creek Ri, etc.

14d 4h

Table with columns: CMB, Columbia Colle, 3.88 189, Pn, 04 36 27.6 0.0, etc. Includes stations like Columbia Colle, Pearl Lake, etc.

BUI 14 04:43:42.3.0.0, 42.87N-143.28E, h86km, mb5.0/51, Ms4.5/69, Ms7.4/2/60

NIED 14 04:43:44.8, 42.75N-143.11E, h80km, MW5.1, Moment Tensor Solution, s3 Moment tensor: Scale 10^16Nm

Fault plane solution: Ms5.65000x10^16 Np1: 0.283, 0.00000, 0.74, 0.00000, -1.102, 0.00000, -1.39, 0.00000, 3.20, 0.00000, -1.56, 0.00000

NEIC 14 04:43:44.7.1.8, 42.65N-143.28E, 0.1, h87km, 2km, mb5.2/668 Error ellipse: s-maj=11.9km s-min=7.6km az=109.0

MOS 14 04:43:44.2.1.1, 42.79N-143.10E, h96km, mb5.1/68, Error ellipse: s-maj=5.3km s-min=3.8km az=98.5

SKHL 14 04:43:44.1.0.5, 42.60N-143.10E, h94km, 2km, mb6.0/16, mbv5.7/8, ms4.7/6, msh5.8/8, msha7.2/4

JMA 14 04:43:44.8.0.1, 42.75N-143.11E, h87km, 1km, M5.1 Broadband fault plane solution: P waves. NP1: 0.78, 0.00000, 3.2, 0.00000, -1.90, 0.00000, NP2: 0.258, 0.00000, 0.88, 0.00000, -1.90, 0.00000

JMA Flg IV J1, GCMT 14 04:43:45.7.0.1, 42.85N-143.08E, 0.01, h84km, 1km, MW5.2/137, Moment Tensor Solution, s104.c161

MW5.2/137, Moment Tensor Solution, s104.c161: s137.c241; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr: 3.65e+12; Mth: 3.02e+14; Mtt: 0.62e+12; Msh: 5.42e+07; Msh: -1.51e+12; Msh: -1.04e+08; Best double couple: M6.64500x10^16 Np1: 0.128, 0.00000, 0.81, 0.00000, -1.67, 0.00000, NP2: 0.283, 0.00000, 0.74, 0.00000, -1.102, 0.00000

Azm19.00000; N 0.0710, P1g7.00000; Azm266.00000; P 0.6800, P1g61.00000; Azm183.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 14 04:43:46.0.0.9, 42.84N-143.10E, h96km, 6km, mb4.7/45, mb1.4/8.50, mb1mx4.8/55, mbmp5.1/50, MS4.0/31, Ms1.4/0.31, ms1mx4.0/36 Error ellipse: s-maj=9.7km s-min=8.8km az=132.0

BGR 14 04:43:47.4.0.3, 43.21N-143.64E, h86km, mb5.3

ISC 14 04:43:44.0.3, 42.77N-143.15E, 0.02, h85km, 2km, h04km: pp-P, p1, n357, c1946/1377, mb5.2/453, 56C-67D, Hokkaido region

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

JMP	Maruseppu	1.24	7	||P	Pn	04 44 07.4 +0.7
JMP				eS	Sn	04 44 24.9 +1.4
JEW	Eniwo	1.25	274	||P	Pn	04 44 07.5 +0.8
JEW				eS	Sn	04 44 25.1 +1.5
JTKR	Eniwo	1.25	274	||P	Pn	04 44 07.3 +0.5
JTKR	Abashiri-Toko	1.32	25	||P	Pn	04 44 08.9 +0.7
JISS	Ishikarishitsu	1.36	292	||P	Pn	04 44 26.2 +1.1
JISS				eS	Sn	04 44 08.9 +0.8
JKA	Kamikawa-asahi	1.40	344	||P	Pn	04 44 27.9 +1.8
JKA	Kamikawa-asahi	1.40	344	||P	Pn	04 44 09.3 +0.7
ASAJ	Asahikawa	1.40	344	||P	Pn	04 44 09.4 +0.7
ASAJ	2um,0.3s,baz=201,slow=9.0,SNR=3508			S	Sn	04 44 09.4 +0.8
JHR	Hokuryu	1.42	314	||P	Pn	04 44 28.3 +1.4
JHR				eS	Sn	04 44 09.6 +0.7
NMR	Nemuro-Hokkai	1.98	72	||P	Pn	04 44 29.4 +2.0
NMR				iS	Sn	04 44 15.8 -0.4
NMR				iS	Sn	04 44 39.6 -0.8
NMR	Nemuro-Hokkai	1.98	72	||P	Pn	04 44 15.9 -0.3
NMR				iS	Sn	04 44 39.7 -0.7
GLVR	Golovnino	1.98	60	||P	Pn	04 44 17.7 +1.5
GLVR				iS	Sn	04 44 41.9 +1.5
GLVR	comp=Z,3um,0.3s			pmax	pmax	
GLVR	comp=E,37um,0.3s			smax	smax	
GLVR	comp=E,50um,1.3s			smax	smax	
GLVR	comp=N,35um,0.9s			smax	smax	
GLVR	Golovnino	1.98	60	||P	Pn	04 44 17.5 +1.3
GLVR				AMB	AMB	04 44 20.0
GLVR	comp=N,3um,0.4s			iS	Sn	04 44 41.9 +1.5
GLVR				A	A	04 44 46.0
GLVR	comp=N,36um,1.0s			A	A	04 44 46.0
GLVR	comp=N,50um,1.0s			A	A	04 44 46.0
GLVR	comp=N,17um,0.6s			A	A	04 44 46.0
GLVR	comp=N,37um,0.6s			A	A	04 44 46.0
RUSJ	Msakichio	2.03	48	||P	Pn	04 44 18.5 +1.7
RUSJ				iS	Sn	04 44 46.9 +5.4
JSN	Shakotan	2.04	287	||P	Pn	04 44 16.5 -0.4
JYG	Yagishiri	2.07	324	||P	Pn	04 44 17.9 +0.5
JSE	Soyaes	2.22	50	||P	Pn	04 44 20.6 +1.2
GRPR	Tuman	2.27	57	||P	Pn	04 44 21.4 +1.4
GRPR				iS	Sn	04 44 48.8 +1.6
GRPR	comp=N,2um,0.4s			pmax	pmax	
GRPR	comp=E,2um,0.4s			pmax	pmax	
GRPR	comp=Z,5um,0.4s			smax	smax	
GRPR	comp=E,16um,0.4s			smax	smax	
GRPR	comp=N,38um,0.3s			smax	smax	
GRPR	comp=E,15um,0.3s			smax	smax	
GRPR	Tuman	2.27	57	||P	Pn	04 44 21.4 +1.4
GRPR				AMB	AMB	04 44 24.0
GRPR	comp=E,5um,0.4s			iS	Sn	04 44 48.8 +1.6
GRPR				A	A	04 44 51.2
GRPR	comp=E,36um,1.0s			A	A	04 44 51.2
GRPR	comp=E,15um,1.0s			A	A	04 44 53.0
GRPR	comp=E,38um,0.6s			A	A	04 44 53.0
GRPR	comp=E,16um,0.6s			A	A	04 44 53.0
YUK	Yuzh-Kuril'sk	2.35	57	||P	Pn	04 44 22.6 +1.6
YUK				iS	Sn	04 44 51.2 +2.2
YUK	comp=Z,605um,1.4s			pmax	pmax	
YUK	comp=Z,8um,0.4s			pmax	pmax	
YUK	comp=E,2um,0.2s			pmax	pmax	
YUK	comp=N,3um,0.4s			smax	smax	
YUK	comp=N,17nm,0.7s			smax	smax	
YUK	comp=E,62nm,0.6s			smax	smax	
YUK	comp=E,28um,1.2s			smax	smax	
YUK	comp=N,42um,1.3s			MLR	MLR	
YUK	comp=Z,3um,12.0s			MLR	MLR	
YUK	Yuzh-Kuril'sk	2.35	57	||P	Pn	04 44 22.6 +1.6
YUK				AMB	AMB	04 44 24.0
YUK	comp=Z,6um,1.0s			AMB	AMB	04 44 26.0
YUK	comp=Z,3um,0.4s			AMB	AMB	04 44 26.0
YUK	comp=Z,2um,0.4s			AMB	AMB	04 44 26.0
YUK	comp=Z,8um,0.4s			AMB	AMB	04 44 26.0
YUK	comp=Z,17um,0.7s			iS	Sn	04 44 51.2 +2.2
YUK				A	A	04 44 54.0
YUK	comp=Z,32um,0.7s			A	A	04 44 55.3
YUK	comp=Z,42um,1.0s			A	A	04 44 55.3
YUK	comp=Z,28um,1.0s			AMS	AMS	04 46 03.2
YUK	comp=Z,3um,12.0s			AMS	AMS	04 46 03.2
JTM	Temababayashi	2.52	219	||P	Pn	04 44 23.1 -0.3
YSS	Yuzh-Sakhalins	4.19	356	||P	Pn	04 44 47.7 +1.8
YSS				eS	Sn	04 45 35.4 +1.8
YSS	comp=Z,2um,4.1s			pmax	pmax	
YSS	comp=N,2um,3.9s			pmax	pmax	
YSS	comp=Z,890nm,0.7s			smax	smax	
YSS	comp=N,7um,3.5s			smax	smax	
YSS	comp=N,2um,1.1s			smax	smax	
YSS	comp=E,1um,1.2s			MLR	MLR	
YSS	comp=Z,5um,17.0s			MLR	MLR	
YSS	Yuzh-Sakhalins	4.19	356	||P	Pn	04 44 47.9 +2.0
YSS	Yuzh-Sakhalins	4.19	356	||P	Pn	04 44 49.0
YSS	comp=Z,2um,4.0s			AMB	AMB	04 44 49.0
YSS	comp=Z,2um,4.0s			iP	Pn	04 44 49.1 +3.2
YSS				AMB	AMB	04 44 51.2
YSS	comp=Z,890nm,0.7s			eS	Sn	04 45 36.8 +3.2
YSS				A	A	04 45 39.0
YSS	comp=Z,7um,4.0s			A	A	04 45 39.9
YSS	comp=Z,2um,1.0s			A	A	04 45 39.9
YSS	comp=Z,1um,1.0s			AMS	AMS	04 46 53.0
YSS	comp=Z,5um,17.0s			AMS	AMS	04 46 53.0
KUR	Kuril'sk	4.20	53	||P	Pn	04 44 48.7 +2.7
KUR				iS	Sn	04 45 37.6 +3.7
KUR	comp=E,601nm,0.7s			pmax	pmax	
KUR	comp=Z,1um,0.7s			pmax	pmax	
KUR	comp=N,175nm,0.5s			smax	smax	
KUR	comp=N,1.0nm,0.4s			smax	smax	
KUR	comp=E,1.0nm,0.4s			smax	smax	
KUR	comp=E,368um,1.1s			smax	smax	
KUR	comp=N,7um,2.1s			MLR	MLR	
KUR	comp=Z,3um,9.0s			MLR	MLR	

KUR	comp=N,3um,12.0s			MLR	MLR	
KUR	comp=E,4um,16.0s			MLR	MLR	
KUR	Kuril'sk	4.20	53	||P	Pn	04 44 48.8 +2.7
KUR				AMB	AMB	04 44 50.0
KUR	comp=E,3um,3.0s			AMB	AMB	04 44 50.0
KUR	comp=E,3um,3.0s			AMB	AMB	04 44 50.0
KUR	comp=E,6um,3.0s			AMB	AMB	04 44 52.0
KUR	comp=E,200nm,0.7s			AMB	AMB	04 44 52.0
KUR	comp=E,600nm,0.7s			AMB	AMB	04 44 52.0
KUR	comp=E,1um,0.7s			iS	Sn	04 45 37.2 +3.3
KUR				A	A	04 45 48.3
KUR	comp=E,12um,3.0s			A	A	04 45 48.3
KUR	comp=E,20um,3.0s			A	A	04 45 57.8
KUR	comp=E,4um,0.5s			A	A	04 45 57.8
KUR	comp=E,3um,0.5s			AMS	AMS	04 47 27.3
KUR	comp=E,4um,12.0s			AMS	AMS	04 47 27.3
KUR	comp=E,6um,12.0s			AMS	AMS	04 47 27.3
JMM	Marumori	5.22	201	||P	Pn	04 44 58.2 -1.8
JMM	Taru	5.24	298	||P	Pn	04 44 59.5 -0.7
TEY	comp=N,10.0nm,0.8s			pmax	pmax	
TEY	comp=E,10.0nm,0.8s			pmax	pmax	
TEY	comp=Z,10.0nm,0.8s			pmax	pmax	
TEY	comp=Z,100nm,1.4s			pmax	pmax	
TEY	comp=E,100nm,1.4s			pmax	pmax	
TEY	comp=N,100nm,1.6s			pmax	pmax	
TEY	comp=E,60nm,1.2s			pmax	pmax	
TEY	comp=Z,60nm,1.2s			pmax	pmax	
TEY	comp=N,20nm,1.5s			MLR	MLR	
TEY	comp=Z,100nm,12.0s			Pn	Pn	04 44 59.5 -0.7
TEY	Ternei	5.24	298	||P	Pn	04 45 00.1
TEY	comp=Z,10.0nm,0.8s			AMB	AMB	04 45 03.5
TEY	comp=Z,100nm,1.0s			AMB	AMB	04 45 03.5
TEY	comp=Z,100nm,1.0s			AMB	AMS	04 47 20.0
TEY	comp=Z,100nm,1.0s			AMS	AMS	04 47 20.0
JSD	Sado	6.02	220	||P	Pn	04 45 10.4 -0.5
UGL	Ulegorsk	6.35	354	||P	Pn	04 45 17.1 +1.8
UGL				eS	Sn	04 46 23.2 -3.1
UGL	comp=Z,2um,1.3s			pmax	pmax	
UGL	comp=Z,894nm,0.8s			pmax	pmax	
UGL	comp=N,2um,4.9s			smax	smax	
UGL	Ulegorsk	6.35	354	||P	Pn	04 45 17.8 +2.5
UGL				AMB	AMB	04 45 18.0
UGL	comp=N,900nm,0.8s			AMB	AMB	04 45 20.0
UGL				eS	Sn	04 46 28.9 +2.6
UGL				A	A	04 46 40.8
UGL	comp=N,260nm,0.7s			A	A	04 46 40.8
UGL	comp=N,200nm,0.7s			A	A	04 46 46.8
UGL	comp=N,300nm,1.0s			A	A	04 46 46.8
UGL	comp=N,330nm,1.0s			A	A	04 46 46.8
JYT	Yasato	6.92	200	||P	Pn	04 45 20.5 -2.7
MAJO	Matsushiro	7.29	213	||P	Pn	04 45 27.9 -0.4
MAJO				pmax	pmax	
MAJO	comp=Z,155nm,1.0s			Pn	Pn	04 45 27.3 -1.0
MAT	Matsushiro	7.29	213	||P	Pn	04 45 27.8 -0.5
MAT				S	Sn	04 46 46.0 -3.5
MJAR	Matsushiro Arr	7.29	213	||P	Pn	04 45 27.8 -0.5
MJAR	comp=Z,1.2nm,0.3s,baz=25,slow=14,SNR=59			S	Sn	04 46 44.8 -4.7
JNG	Nsakai	7.45	213	||P	Pn	04 45 30.5 0.0
JGN	Niyukawa	7.94	216	||P	Pn	04 45 37.5 +0.3
TYV	Tymovskoe	8.10	358	||P	Pn	04 45 41.9 +2.7
TYV				eS	Sn	04 47 09.7 +0.7
TYV	comp=Z,2um,2.4s			pmax	pmax	
TYV	comp=Z,187nm,0.7s			pmax	pmax	
TYV	comp=N,35nm,0.9s			smax	smax	
TYV	comp=N,300nm,4.9s			smax	smax	
TYV	Tymovskoe	8.10	358	||P	Pn	04 45 41.5 +2.3
TYV				AMB	AMB	04 45 42.7
TYV	comp=N,2um,2.0s			AMB	AMB	04 45 42.9
TYV	comp=N,200nm,0.7s			eS	Sn	04 47 09.7 +0.7
TYV				A	A	04 47 10.1
TYV	comp=N,40nm,0.9s			A	A	04 47 11.3
TYV	comp=N,300nm,5.0s			AMS	AMS	04 47 54.0
TYV	comp=N,3um,8.0s			AMS	AMS	04 47 54.0
TYV	comp=N,3um,8.0s			AMS	AMS	04 47 54.0
USRK	Ussuriysk Ar.	8.24	284	||P	Pn	04 45 42.2 +1.2
VLA	Vladivostok	8.27	276	||P	Pn	04 45 44.2 +2.7
VLA				eP	Pn	04 45 44.2 +2.7
VLA	Vladivostok	8.27	276	||P	Pn	04 45 42.3 -1.8
JGF	Kuroka	8.45	214	||P	Pn	04 45 47.9 -1.1
INU	Inuyama	8.81	215	||P	Pn	04 45 52.4 +3.2
MSHR	Mys Shultsa	8.84	273	||P	Pn	04 45 52.4 +3.2
MSHR				eP	Pn	04 45 52.4 +3.2
JSG	Sagara	8.96	207	||P	Pn	04 45 48.8 -2.2
GRNR	Gornyy	9.23	332	||P	Pn	04 45 57.1 +2.5
GRNR				eS	Sn	04 47 42.0 +5.4
GRNR	comp=N,130nm,0.8s			pmax	pmax	
GRNR	comp=Z,160nm,0.7s			pmax	pmax	
GRNR	comp=N,4.0nm,0.7s			smax	smax	
GRNR	comp=E,440nm,15.0s			MLR	MLR	
GRNR	comp=N,450nm,12.0s			MLR	MLR	
GRNR	comp=Z,860nm,14.0s			MLR	MLR	
GRNR	Gornyy	9.23	332	||P	Pn	04 45 57.1 +2.5
GRNR				AMB	AMB	04 45 58.6
GRNR	comp=Z,130nm,0.7s			AMB	AMB	04 45 58.6
GRNR	comp=Z,160nm,0.7s			AMS	AMS	04 50 11.0
GRNR	comp					

14d 4h

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

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

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

H59A	Cadyville	86.95	25	P	P	04 56 19.5	-0.5
JCT	Junction City	87.00	50	P	P	04 56 20.6	+0.1
H8A	Gabriels	87.00	26	P	P	04 56 19.9	-0.3
ERPA	Erie	87.00	31	P	P	04 56 19.6	-0.7
E64A	Bridgewater	87.03	21	P	P	04 56 19.6	-0.6
P48A	Milroy	87.07	36	I	Amb	04 56 21.8	
N51A	Ashland	87.11	33	P	I	04 56 21.1	+0.3
N51A	comp-Z, 2.4nm, 0.8s					04 56 22.0	
LCAR	Lake Charles	87.22	41	I	Amb	04 56 23.4	
MIAR	Mount Ida	87.22	44	I	Amb	04 56 23.1	
MIAR	Mount Ida	87.22	44	P	P	04 56 21.3	-0.2
MMNV	Mt. Morris Dam	87.23	29	I	Amb	04 56 23.5	
MEH	Mehettia	87.29	117	eT	T	06 31 44.6	
J57A	Williamstown	87.30	27	I	Amb	04 56 22.7	
P49A	Miami Univ. Ec	87.31	35	P	P	04 56 23.0	
P49A	Miami Univ. Ec	87.31	35	P	P	04 56 21.3	-0.5
M53A	WI Miller and	87.32	31	P	P	04 56 21.9	+0.1
H60A	Morristown	87.34	25	P	P	04 56 21.3	-0.5
F63A	Nahmakanta, Br	87.35	22	I	Amb	04 56 23.2	
F63A	Nahmakanta, Br	87.35	22	P	P	04 56 21.9	+0.1
NCB	Newcomb	87.39	26	P	P	04 56 21.4	-0.7
G62A	West of Eustis	87.39	23	I	Amb	04 56 24.4	
G62A	West of Eustis	87.39	23	P	P	04 56 21.9	-0.2
W41B	Gary Mavity, V	87.40	42	P	P	04 56 21.8	-0.4
F64A	Sherman	87.40	21	I	Amb	04 56 23.3	
F64A	Sherman	87.40	21	P	P	04 56 21.9	-0.2
K56A	Middlesex	87.47	29	P	P	04 56 21.8	-0.7
Z38A	Mt. Pleasant	87.50	45	I	Amb	04 56 24.4	
VT1	Waterbury	87.53	25	I	Amb	04 56 24.3	
H61A	Lyndonville	87.60	24	P	P	04 56 22.9	-0.2
X40A	Basin Creek Fa	87.64	43	P	P	04 56 23.9	+0.4
M54A	Oil Creek Stat	87.65	31	I	Amb	04 56 26.7	
M54A	Oil Creek Stat	87.65	31	P	P	04 56 23.5	+0.1
I59A	Olmsteadville	87.65	26	P	P	04 56 23.0	-0.4
PKME	Peaks-Kenny Pk	87.70	22	I	Amb	04 56 27.1	
PKME	Peaks-Kenny Pk	87.70	22	P	P	04 56 23.1	-0.3
WC1	Wyandotte Cave	87.71	37	P	P	04 56 23.9	+0.2
WC1	Wyandotte Cave	87.71	37	P	P	04 56 25.2	
WC1	Wyandotte Cave	87.71	37	pP	pP	04 56 46.5	+0.1
WC1	Wyandotte Cave	87.71	37	pP	pP	04 56 23.7	0.0
G63A	Kingsbury	87.74	23	P	P	04 56 23.5	-0.2
J59A	Piesco	87.75	26	I	Amb	04 56 24.9	
H62A	Milan	87.79	24	P	P	04 56 24.1	+0.2
I60A	Shoreham	87.80	25	P	P	04 56 24.1	+0.1
N53A	Lisbon	87.81	32	I	Amb	04 56 25.8	
G64A	Maxfield	87.86	22	P	P	04 56 24.5	+0.2
LBNH	Lisbon	87.86	24	P	P	04 56 24.4	+0.1
L56A	Greenwood	87.87	29	I	Amb	04 56 27.3	
O52A	Adamsville	88.00	33	I	Amb	04 56 26.4	
LPAR	Lepanto	88.01	41	P	P	04 56 24.4	-0.7
LPAR	Lepanto	88.01	41	P	P	04 56 27.0	
LPAR	New Sharon	88.04	23	pP	pP	04 56 47.5	-0.3
LPAR	New Sharon	88.04	23	pP	pP	04 56 25.0	-0.1
P51A	Williamsport	88.05	34	I	Amb	04 56 26.4	
I61A	Orobro, Fairl	88.06	25	P	P	04 56 25.5	+0.3
ACCN	Adirondack Com	88.09	26	I	Amb	04 56 26.8	
O53A	New Philadelphia	88.14	32	P	P	04 56 25.8	+0.1
G65A	Princeton	88.23	21	I	Amb	04 56 27.6	
G65A	Princeton	88.23	21	P	P	04 56 25.8	-0.2
WVL	Waterville	88.24	23	P	P	04 56 26.2	+0.1
H64A	Troy	88.29	22	P	P	04 56 26.5	+0.2
P52A	Corning	88.29	33	I	Amb	04 56 27.1	
P52A	Corning	88.29	33	P	P	04 56 26.4	-0.1
J60A	Lant Hill Farm	88.30	26	P	P	04 56 26.5	+0.1
LMN	Caledonia Moun	88.32	19	I	Amb	04 56 27.5	
BINY	Binghamton	88.37	28	P	P	04 56 26.1	-0.7
I62A	Tamworth	88.37	24	P	P	04 56 26.8	+0.1
163A	Otisfield	88.44	24	P	P	04 56 27.3	+0.3
J61A	Chester	88.48	25	P	P	04 56 27.3	+0.1
H65A	Eastbrook	88.51	22	P	P	04 56 27.5	+0.1
R50A	Paris	88.52	35	I	Amb	04 56 29.1	
CCAR	Cane Creek	88.63	43	pP	pP	04 56 28.4	+0.3
CCAR	Cane Creek	88.63	43	pP	pP	04 56 50.2	-0.6
Z41A	Richland Creek	88.63	44	P	P	04 56 28.3	+0.1
TRY	Troy	88.68	26	I	Amb	04 56 30.3	
H66A	Whiting	88.68	21	P	P	04 56 28.1	0.0
P53A	Whipple	88.72	33	I	Amb	04 56 30.0	
WVT	Waverly	88.75	39	P	P	04 56 28.6	0.0
WVT	Waverly	88.75	39	pP	pP	04 56 51.3	0.0
WVT	Waverly	88.75	39	P	P	04 56 28.6	0.0
WVT	Waverly	88.75	39	I	Amb	04 56 30.1	
WVT	Waverly	88.75	39	pP	pP	04 56 51.3	0.0
WVT	Waverly	88.75	39	pP	pP	04 56 28.4	-0.2
Q52A	Bidwell	88.81	34	I	Amb	04 56 32.0	
J62A	Henniker	88.82	25	P	P	04 56 28.9	+0.1
I64A	Boothbay	88.83	23	P	P	04 56 29.0	+0.1
K61A	Williamstown	88.86	26	P	P	04 56 29.4	+0.3
J63A	Strafford	88.99	24	P	P	04 56 30.1	+0.5
KSPA	Keystone Colle	89.02	28	I	Amb	04 56 31.2	

SSPA	Standing Stone	89.07	30	P	P	04 56 30.1	0.0
SSPA	Standing Stone	89.07	30	pP	pP	04 56 52.6	-0.1
SSPA	Standing Stone	89.07	30	P	P	04 56 29.8	-0.2
O56A	Blue Knob Stat	89.14	31	P	P	04 56 30.5	0.0
MCWV	Mont Chateau	89.18	32	P	P	04 56 30.8	+0.2
K62A	Royalston	89.19	25	I	Amb	04 56 32.5	
K62A	Royalston	89.19	25	P	P	04 56 30.5	-0.1
L61B	Northampton	89.25	26	P	P	04 56 30.3	-0.5
OXF	Oxford	89.32	41	P	P	04 56 31.1	-0.2
SS1A	Beattyville	89.38	35	I	Amb	04 56 47.3	
K63A	Dunstable	89.39	25	I	Amb	04 56 33.6	
K63A	Dunstable	89.39	25	P	P	04 56 31.8	+0.3
CLTN	Cedars of Lebanon	89.47	38	I	Amb	04 56 33.6	
R53A	Hurricane	89.48	34	I	Amb	04 56 33.1	
V48A	Smith Brothers	89.53	39	I	Amb	04 56 33.6	
HRV	Adam Dzewonski	89.55	25	P	P	04 56 33.1	+0.9
HRV	Adam Dzewonski	89.55	25	pP	pP	04 56 55.2	+0.2
HRV	Adam Dzewonski	89.55	25	P	P	04 56 32.0	-0.2
PLAL	Pickwick Lake	89.57	40	I	Amb	04 56 33.5	
N59A	State Game Lan	89.58	28	P	P	04 56 32.4	-0.1
KSCT	Kent School, K	89.64	27	I	Amb	04 56 34.3	
ATD	Arta Tunnel	89.69	285	P	P	04 56 34.5	+1.0
ODNJ	Ogensburg	89.84	28	I	Amb	04 56 34.9	
PAGS	Pennsylvania G	89.85	29	I	Amb	04 56 35.0	
Q56A	Snyder Ridge,	89.97	32	I	Amb	04 56 36.0	
UCCT	U. Connecticut	89.98	26	P	P	04 56 34.4	+0.1
LUPA	Lehigh Univers	90.00	28	I	Amb	04 56 35.8	
L63A	North Scituate	90.12	25	P	P	04 56 35.2	+0.3
PAL	Palisades	90.14	27	I	Amb	04 56 36.5	
PAL	Palisades	90.14	27	P	P	04 56 34.8	-0.2
MVL	Millersville	90.19	29	I	Amb	04 56 36.8	
WSPT	Westport, CT	90.19	27	I	Amb	04 56 36.5	
R55A	Marlinton	90.26	33	I	Amb	04 56 37.5	
L64A	Middlebrough	90.29	25	P	P	04 56 35.5	-0.2
TZTN	Tazewell	90.32	36	I	Amb	04 56 37.1	
TZTN	Tazewell	90.32	36	P	P	04 56 35.7	-0.3
SWET	Sewanee	90.37	38	P	P	04 56 35.8	-0.5
SWET	Sewanee	90.37	38	I	Amb	04 56 37.3	
TBI	Tubuai	90.37	122	eT	T	06 35 55.7	
M63A	Gales Ferry	90.39	26	I	Amb	04 56 39.2	
X46A	Hartselle	90.49	39	I	Amb	04 56 37.7	
V51A	Loudon	90.59	37	I	Amb	04 56 40.5	
P60A	Greenville	90.61	29	I	Amb	04 56 38.7	
P60A	Greenville	90.61	29	P	P	04 56 37.0	-0.2
W50A	Signal Mountai	90.67	38	I	Amb	04 56 38.9	
CPCT	Cooper Cave	90.81	37	I	Amb	04 56 39.7	
V52A	Sewickley	90.89	36	I	Amb	04 56 41.0	
TKL	Tuckaleechee C	90.97	37	P	P	04 56 39.7	+0.7
TKL	Tuckaleechee C	90.97	37	pP	pP	04 57 01.2	-0.6
TKL	Tuckaleechee C	90.97	37	P	P	04 56 39.6	+0.7
TKL	Tuckaleechee C	90.97	37	I	Amb	04 56 40.4	
TKL	Tuckaleechee C	90.97	37	pP	pP	04 57 01.2	-0.6
TKL	Tuckaleechee C	90.97	37	I	Amb	04 56 44.8	
BLA	Blacksburg	91.06	33	I	Amb	04 56 39.6	+0.2
BLA	Blacksburg	91.06	33	P	P	04 56 39.6	+0.2
U54A	Nelsons Funny	91.07	35	I	Amb	04 56 40.9	
SS7A	Red Hollow, R	91.17	32	I	Amb	04 56 41.6	
KEST	Kesra	91.22	324	P	P	04 56 40.0	-0.3
KEST	Kesra	91.22	324	LR	LR	05 41 17.0	
Y49A	Blount Mountai	91.28	39	I	Amb	04 56 41.5	
PBRG	Bragg	91.54	338	eP	P	04 56 40.2	-1.4
LRAL	Lakeview Retre	91.68	40	P	P	04 56 42.6	+0.2
PGAV	Gaviera, Arco	91.80	339	eP	P	04 56 35.0	-7.9
U56A	King	91.82	34	I	Amb	04 56 44.4	
BG3	Lake Jocassee	91.90	36	I	Amb	04 56 45.0	
MVO	Moncorvo	92.21	338	eP	P	04 56 45.7	+0.9
KMSC	Kings Mountain	92.46	35	P	P	04 56 46.1	+0.2
ESDC	Sonsec Array	92.69	335	P	P	04 56 46.7	-0.3
ESDC	Sonsec Array	92.69	335	LR	LR	05 43 28.9	
GOGA	Godfrey	92.99	37	P	P	04 56 48.8	+0.4
MTE	Manteigas	93.07	338	eP	P	04 56 46.4	-2.3
BRAL	Lawson	93.19	41	P	P	04 56 49.4	+0.1
PMRV	Marv???	93.93	338	eP	P	04 56 51.9	-0.7
PESTR	Estremo	94.51	337	eP	P	04 56 54.9	-0.4
PCVE	Castro Vere	94.79	337	eP	P	04 56 50.0	-0.7
MDT	Middlet	99.18	333	P	P	04 57 16.1	-0.5
KOWA	Kowa	110.53	326	P	P	05 02 15.6	-1.3
SDV	Santo Domingo	120.58	39	PKP	PKP	05 02 25.3	-0.7
VNDA	Vanda	120.58	175	PKP	PKP	05 02 25.6	-0.8
VNDA	Vanda	120.58	175	PKP	PKP	05 02 24.6	-0.1
DBIC	Dimbokro	122.83	321	PKP	PKP	05 02 31.0	0.0
DBIC	Dimbokro	122.83	321	PKP	PKP	05 02 29.9	-1.1
TIC	Toumoudi	122.93	321	ePKIP	ePKIP	05 02 32.4	+0.9
KIC	Kosan Boka	123.05	321	ePKIP	ePKIP	05 02 32.6	+0.9
OTAV	Otavalo	123.22	53	eP	P	05 02 36.1	+0.5
LAC	Lamto	123.31	321	ePKIP	ePKIP	05 02 32.1	-0.1
MIC	M						

Table with columns: ARG, ARG, ARG, NIS1, KOSK, DZAT, SLUM, SLUM, SLUM, APE, BODT, TURN, DALY, KSL, AKAS, ELL, OSC1, ITM, SWAZ, SWAZ, AKMS, AKMS, OSC2, NATA, ALFC, SZAC, SZAC, ASGA, HMYD, AGG, CSS, CSS, MVOU, KOT, HSAF, PARL, PARL, NBNS, SUZ, HFRF, MMAI, MMAI, BRTR, BRTR, SCTE, EIL, EIL, VTS, BNN, TIP, PUK, CEL, DAEF, VAE, VAE, CORL, SGR, SGR, MAKA, MAKA, HVAR, KJUV, KJUV, ZIRJ, MORI, MORI, DUGI, UDBI, UDBI, KEST, ONI, GNI, GNI, STAL, STAL, KBZ, KBZ, KBA, KBA, CTI, CTI, ABTA, ABTA, SALO, SALO, AKAS, AKAS, WTTA, WTTA, GERES, GERES, FETA, FETA, DAVOX, DAVOX, DAVA, DAVA, SENIN, SENIN, GRFO, GRFO, BFO, BFO, CLL, CLL, SUW, SUW, BELG, BELG, ESCD, ESCD, MDT, MDT, GEYT, GEYT, HFS, HFS, FINES, FINES, AKTO, AKTO, NOA, NOA, EKA, EKA, KOWA, KOWA, KOWA, KOWA, DBIC, DBIC

Table with columns: DBIC, TIC, LIC, KURBB, MKAR, ZALV, PALK, SCHO, SCHO, USRK, BDFB, DBIC, TIC, LIC, KURBB, MKAR, ZALV, PALK, SCHO, SCHO, USRK, BDFB

IDC 14 05:12:04.3:1.0,27:36S:66:85E,h0km,mb4.1/10, mb1 4.2/10,mb1mx3.9/49,mbtmp4.1/10, Error ellipse: s-maj=33.2km s-min=25.5km az=55.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, H08S1, H08S2, H08S3, H01W2, H01W3, H01W1, CMAR, SNA, ASAR, WRA, BRTR, MKAR, KIC, LIC, TIC, ZALV, SONM, AKAS, JUNU, YKA

DJA 14 05:20:12.8:0.3,1'S,2:12'O:E,h10km,M3.6/9,MLV3.6/9, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, MPSI, MPSI, APSI, TTSI, TTSI, MRSI, PMSI, BKB, GTOI, KAPI, BKSI, CBJI, DBJI

RSNC 14 05:25:51.5:1.1,6:81N:73:10W,h146km,5km,ML3.2, Mw3.5, 5C-3D, Fault plane solution: NP1:06:68.000000, 618.000000, lambda=138.000000, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BARC, BARC, BRRC, BRRC, TAMC, TAMC, OCAC, OCAC, SPBC, SPBC, ZARC, ZARC, NORC, NORC, SMLC, SMLC, CHIC, CHIC, ROSC, ROSC, HELC, HELC, VILC, VILC, GUYC, GUYC, LL2C, LL2C, LL1C, LL1C, PTGC

Table with columns: PTGC, CBOC, CBOC, DBBC, DBBC, TOLC, TOLC, SDV, SDV, ORTC, ORTC, PLMC, PLMC, SJCC, SJCC, CRJC, CRJC, GUV, GUV, YOTC, YOTC, SMRC, SMRC, GARC, GARC, BBAC, BBAC

NOU 14 05:42:47.2:37:33S:177:56E,h186km,ML3.5/4, Off E. Coast of N. Island, N.Z.

WEL 14 05:42:58.8:38'S,171:7'E:2.8,h93km,36km,M2.5/16, ML2.5/16, Error ellipse: s-maj=0.0km s-min=0.0km az=103.6, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, RUGZ, RUGZ, URZ, URZ, MWZ, MWZ, PKGZ, PKGZ, TWGZ, TWGZ, RAGZ, RAGZ, RIGZ, RIGZ, CNZ, CNZ, MTHZ, MTHZ, KNZ, KNZ, NMHZ, NMHZ, KWHZ, KWHZ, KRZ, KRZ, BHZ, BHZ, HIZ, HIZ, FWZ, FWZ, MOVZ, MOVZ, KAHZ, KAHZ

IDC 14 06:06:32.2:1.2,0:21N:16:26W,h0km,mb4.0/6,mb1 4.2/8, mb1mx3.8/39,mbtmp4.1/8,ML4.1/2,MS2.9/1,Ms1 2.9/1, ms1mx2.6/43, Error ellipse: s-maj=34.8km s-min=30.6km az=102.0

ISC 14 06:06:34.0:1.1,0:22N:0:2:16:3W:0:2,h13km,n20, h0km,mb4.2/6,North of Ascension Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, H10N2, H10N2, H10N3, H10N3, H10N1, H10N1, H10S3, H10S3, H10S2, H10S2, LIC, LIC, TIC, TIC, KIC, KIC

DBIC Dimbokro 13.09 60 Pn 06 09 38.7 -1.1

DBIC Dimbokro 13.09 60 Pn 06 09 38.7 -1.1

DBIC Dimbokro 13.09 60 Pn 06 09 38.7 -1.1

DBIC Dimbokro 13.09 60 Pn 06 09 38.7 -1.1

DBIC Dimbokro 13.09 60 Pn 06 09 38.7 -1.1

DBIC Dimbokro 13.09 60 Pn 06 09 38.7 -1.1

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DBIC Dimbokro 13.09 60 Pn 06 09 38.7 -1.1

DBIC Dimbokro 13.09 60 Pn 06 09 38.7 -1.1

DBIC Dimbokro 13.09 60 Pn 06 09 38.7 -1.1

DBIC Dimbokro 13.09 60 Pn 06 09 38.7 -1.1

DBIC Dimbokro 13.09 60 Pn 06 09 38.7 -1.1

14d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Alder Peak, San Felipe, Bear Valley Ra, etc.

IDC 14 06:24:39.1,3.8,2.32S,140.23E,h0km,mb3.7/2, mb1 3.9/3,mb1mx3.5/46,mbtmp3.7/3,ML3.9/1, Error ellipse: s-maj=134.0km s-min=31.5km az=87.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Waramunga Arr, WRA, ASAR, MKAR, etc.

IDC 14 06:30:50.8,2.1,19.50S,177.57W,h562km,2.4km, mb2.6/3,mb1 3.1/5,mb1mx2.8/50,mbtmp3.8/5, Error ellipse: s-maj=30.4km s-min=29.2km az=140.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ANF, REN, SEA, NEIC, etc.

2015 AUG

Main table with columns: MOD, Station Name, Az, Phase ID, Time, Res. Includes entries for Lakeview, Wild Horse Val, Summer Lake, etc.

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Table with columns: JOW, Station Name, Az, Phase ID, Time, Res. Includes entries for Kunigami, Amami Oshima, Aguni-jima, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WMQ, SEY, MKAR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TCOL, DZM, SML, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like G05D, I04A, F07A, etc.

IDC 14 06:39:43.1 ± 1.8, 12.84N-92.88E, h0km, mb37/4, mb1 3.8/5, mb1mx3.5/3, mbmtmp3.6/5, ML4.3/1, Error ellipse: s-maj=63.1km s-min=22.4km az=62.0, Andaman Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CMAR, H08S3, etc.

IDC 14 06:41:29.9;1.2,41.40N;127.19W,h0km,mb3.0/5,MS3.4/17,
mb4.1,0.15,mb1mx3.8/5.4,mbmp3.8/15,ML3.0/5,MS3.4/17,
M1 3.4/17,ms1mx3.2/5.0,Error ellipse: s-maj=26.5km
s-min=1.1km az=23.0

ANF 14 06:41:30.4;0.5,41.36N;127.12W,h0km,ML3.4/17,Error
ellipse: s-maj=3.1km s-min=4.1km az=38.0
NEIC 14 06:41:31.9;2.1,41.28N;106.127W;118.0, h10km,1km,
mb4.4/23,Error ellipse: s-maj=17.1km s-min=10.3km
az=258.0

NCEDC 14 06:41:32.2;1.41,30N;10.04;127.1W;0.1, h10km,1km,
Error ellipse: s-maj=16.2km s-min=7.4km az=270.0
ISC 14 06:41:30.8;0.7,41.27N;0.08;127.22W;0.07,h10km,
n142,0.15/131,mb4.3/25,MS3.2/10,Off coast of
northern California

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

Table with columns: ANMO, LR, LR, 06 52 42.2, UZB, S, Sn, 07 05 57.3 -0.2. Lists seismic events with station codes and times.

KMA 14 07:04:25.5;1.4,37.74N;121.32E,h0km,16km,Error
ellipse: s-maj=25.4km s-min=17.5km az=18.0
ISC 14 07:04:31.6;1.0,37.74N;121.56E;0.05,h10km,n8,
0.25/714,Northeastern China

Table with columns: Code, Station Name, A, AZ, Phase ID, ISC, Time, Res, ISC. Lists seismic stations in the Northeastern China region.

Table with columns: UZB, S, Sn, 07 05 57.3 -0.2, TNS5, Tian-Shan, 1.55 316 P, Pn, 07 05 43.4 +0.2. Lists seismic events with station codes and times.

NEIC 14 07:21:16.9;1.4,41.38N;107.126;6.2;0.2,h10km,8km,
ML2.4/22,Error ellipse: s-maj=19.5km s-min=7.0km
az=63.0

IDC 14 07:21:21.8;2.2,42.25N;126.09W,h0km,mb3.0/2,
mb1 3.4/4,mb1mx3.2/4.9,mbmp2.9/4,ML2.6/2,MS2.8/6,
M1 2.8/6,ms1mx2.6/15,Error ellipse: s-maj=54.1km
s-min=17.6km az=32.0

ISC 14 07:21:19.5;1.7,41.55N;0.09;126.4W;0.1,h10km,n31,
0.25/203,Off coast of northern California

Table with columns: Code, Station Name, A, AZ, Phase ID, ISC, Time, Res, ISC. Lists seismic stations and events in the Pacific region.

VIE 14 07:50:55.6;0.3,49.30N;163.3E,h0km,mb1.8/3,ml1.7/3,

Error ellipse: s-maj=2.7km s-min=2.2km az=83.0 26 km WNW of Brno Suspected Mining explosion., Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VRAC Vranov, KRUC Moravsky, MORC Moravsky Berou, etc.

VIE 14 07:51:00.8±1.3, 47°02'N;16°34'E, h0km, mb1.4/1, ml1.4/3, Error ellipse: s-maj=10.5km s-min=5.7km az=111.0 5 km SSE of Gassing Suspected Mining explosion., Austria

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARSA Arzberg, SOKA Soboth, CONA Conrad Observa, etc.

RSNC 14 08:19:36.0±1.0, 8°12'N;77°35'W, h17km, 5km, ML2.6, Mw3.3

UPA 14 08:19:36.4±0.7, 8°27'N;77°28'W, h21km, 6km, MW4.1 Error ellipse: s-maj=10.0km s-min=5.7km az=111.0 5 km SSE of Gassing Suspected Mining explosion., Panama-Colombia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UPD2 Meteti, PTAC Punta Ardita, LCBG Los crdobas, etc.

RSNC 14 08:19:36.0±1.0, 8°12'N;77°35'W, h17km, 5km, ML2.6, Mw3.3

UPA 14 08:19:36.4±0.7, 8°27'N;77°28'W, h21km, 6km, MW4.1 Error ellipse: s-maj=10.0km s-min=5.7km az=111.0 5 km SSE of Gassing Suspected Mining explosion., Panama-Colombia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DBBC Dabeiba, UREC San Jos de Ur, CANTA3 Canitas, Panama, etc.

RSNC 14 08:19:36.0±1.0, 8°12'N;77°35'W, h17km, 5km, ML2.6, Mw3.3

UPA 14 08:19:36.4±0.7, 8°27'N;77°28'W, h21km, 6km, MW4.1 Error ellipse: s-maj=10.0km s-min=5.7km az=111.0 5 km SSE of Gassing Suspected Mining explosion., Panama-Colombia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBOC Ciudad Bolivar, HELC Santa Helena, ZANG Zanguenga, Cho Isla Barro Col, etc.

RSNC 14 08:19:36.0±1.0, 8°12'N;77°35'W, h17km, 5km, ML2.6, Mw3.3

UPA 14 08:19:36.4±0.7, 8°27'N;77°28'W, h21km, 6km, MW4.1 Error ellipse: s-maj=10.0km s-min=5.7km az=111.0 5 km SSE of Gassing Suspected Mining explosion., Panama-Colombia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VYON El Valle, Cocl, PLMC San Jos del P, GUY2C Guyana, Caldas, etc.

RSNC 14 08:19:36.0±1.0, 8°12'N;77°35'W, h17km, 5km, ML2.6, Mw3.3

UPA 14 08:19:36.4±0.7, 8°27'N;77°28'W, h21km, 6km, MW4.1 Error ellipse: s-maj=10.0km s-min=5.7km az=111.0 5 km SSE of Gassing Suspected Mining explosion., Panama-Colombia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BARC Barichara, RUSC La Rusia, TNTI Ternate, GAMI Galea, Maluku, etc.

RSNC 14 08:19:36.0±1.0, 8°12'N;77°35'W, h17km, 5km, ML2.6, Mw3.3

UPA 14 08:19:36.4±0.7, 8°27'N;77°28'W, h21km, 6km, MW4.1 Error ellipse: s-maj=10.0km s-min=5.7km az=111.0 5 km SSE of Gassing Suspected Mining explosion., Panama-Colombia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, SONMI Songo Array, MKAR Makaraj Array, KURBB Kurchatov Arra, etc.

RSNC 14 08:19:36.0±1.0, 8°12'N;77°35'W, h17km, 5km, ML2.6, Mw3.3

UPA 14 08:19:36.4±0.7, 8°27'N;77°28'W, h21km, 6km, MW4.1 Error ellipse: s-maj=10.0km s-min=5.7km az=111.0 5 km SSE of Gassing Suspected Mining explosion., Panama-Colombia border region

KNET 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=4.2km s-min=1.5km az=28.0 SOME 14 09:00:53.5, 43°30'N;74°68'E

RSNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=4.2km s-min=1.5km az=28.0 SOME 14 09:00:53.5, 43°30'N;74°68'E

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like USP Oспенovka, SGDS Sogindy, CHMS Chumysh, etc.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

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

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DGS Degeres, KRBS Karabastau, KRBS Karabastau, etc.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KST Kastelek, UCH Uchtor, UCH Uchtor, etc.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOOM Boomskeye usch, KZA Kyzart, KZA Kyzart, etc.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUU Kurty, AML Almayashu, AML Almayashu, etc.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULHL Ulahlo, ULHL Ulahlo, TNSS Tian-Shan, etc.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

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

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

NNC 14 09:00:53.5±0.5, 43°30'N;74°68'E, h8km, 3km, ml1.4, Error ellipse: s-maj=8.4km s-min=4.6km az=4.0, Suspected Mining explosion.

Code Station Name Azimuth Phase ID Time Res. Includes stations like SUR Sutherland, SUR Sutherland, SUR Sutherland, etc.

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

Code Station Name Azimuth Phase ID Time Res. Includes stations like MAW Mawson, MAW Mawson, MAW Mawson, etc.

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

Code Station Name Azimuth Phase ID Time Res. Includes stations like GSPA South Pole Qui, GSPA South Pole Qui, GSPA South Pole Qui, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, etc.

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

Code Station Name Azimuth Phase ID Time Res. Includes stations like VNSA Neumayer-Watz, VNSA Neumayer-Watz, VNSA Neumayer-Watz, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like VNSA3 Neumayer Olymp, VNSA3 Neumayer Olymp, VNSA3 Neumayer Olymp, etc.

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

Code Station Name Azimuth Phase ID Time Res. Includes stations like DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H1012 Cape Leeuwin H, H1012 Cape Leeuwin H, H1012 Cape Leeuwin H, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like H1013 Cape Leeuwin H, H1013 Cape Leeuwin H, H1013 Cape Leeuwin H, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like H1014 Cape Leeuwin H, H1014 Cape Leeuwin H, H1014 Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NWAO Narrogin (SRO), NWAO Narrogin (SRO), NWAO Narrogin (SRO), etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

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

Code Station Name Azimuth Phase ID Time Res. Includes stations like PDAR Pineale Array, PDAR Pineale Array, PDAR Pineale Array, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like TIXI Tikisi, TIXI Tikisi, TIXI Tikisi, etc.

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

Code Station Name Azimuth Phase ID Time Res. Includes stations like ELK Elko, ELK Elko, ELK Elko, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, h, m, s, Res, ISC. Rows include ASCENSION HYDRO56, Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, h, m, s, Res, ISC. Rows include NBIT Itapeh - BA, JANB Januaria, BOSA Boshof, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, h, m, s, Res, ISC. Rows include R11A Troy Canyon, DUG Dugway, HW07 Harboure Ranch, etc.

IDC 14 09:37:01.1-0.4, 58.96S:25.62W, h0km, mb4.6/17, mb1.4/6.19, mb1mx4.6/28, mbtmp4.6/19, ML4.5/2, MS3.9/10, MS1.3/8.10, ms1mx3.7/23, Error ellipse: s-maj=15.4km s-min=13.3km az=42.0

NEIC 14 09:37:03.21.9, 59.0S:0.1-25.7W:0.2, h10km, y1km, mb4.9/50, Error ellipse: s-maj=19.6km s-min=13.1km az=221.0

ISC 14 09:37:02.8-4.2, 59.02S:0.07-25.67W:0.08, h10km, z25km, m292, s095/301, mb4.9/40, MS3.8/8, South Sandwich Islands region

Main table on the left side, columns: Code, Station Name, Az, Az', Phase ID, h, m, s, Res, ISC. Rows include HOPE Hope Point, VNA1 Neumayer-Stat, VNA2 Neumayer-Stat, etc.

Main table in the middle, columns: Code, Station Name, Az, Az', Phase ID, h, m, s, Res, ISC. Rows include TSUM Tsumeb, TSMU Tsumeb, TSMU Tsumeb, etc.

Main table on the right side, columns: Code, Station Name, Az, Az', Phase ID, h, m, s, Res, ISC. Rows include R11A Troy Canyon, DUG Dugway, HW07 Harboure Ranch, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HDA, PMR, ILAR, BRSE, etc.

IDA 14 09:48:28.8±1.9, 33.65N, 133.47E, h0km, mb3.3/1, mb1.3/2.4, mb1mx3.1/50, mbtm3.1/4, ML2.7/3, Error ellipse: s-maj=38.1km s-min=18.4km az=167.0

JMA 14 09:48:33.6±3.1, 33.81N, 133.27E, h38km, M3.8 Broadband fault plane solution: P waves, NP1=303.000000, 577.000000, 1.176.000000. NP2=34.000000, 886.000000, 1.13.000000. Principal axes: T P124.000000, Azm259.000000, N P167.000000, Azm168.000000

JMA 14 09:48:33.7±3.1, 33.81N, 133.27E, h38km, MW3.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; M=0.11; Mw=2.07; Mw=1.96; Mw=0.4; Mw=0.84; Mw=0.59; Fault plane solution: M2.270000x10^14 NP1=35.000000, 581.000000, 1.12.000000. NP2=303.000000, 878.000000, 1.170.000000

ISC 14 09:48:33.4±1.1, 33.81N, 0.04, 133.29E, 0.04, h33km, 3km, n16, c0560/26, 7C-5D, Shikoku

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

IASPEI 14 09:56:30.0±0.8, 38.28N, 0.02, 26.52E, 0.02, h8km, 5km, Error ellipse: s-maj=3.9km s-min=2.9km az=59.0, G75 selection from ISC bulletin G75 identified by Bondi and McLaughlin (2009) selection criteria Bondi and

McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, 80, 465-472, 2009

ISK 14 09:56:29.5±38.26N, 26.53E, h2km, ML2.7/1.8 DDA 14 09:56:29.5±38.26N, 26.49E, h8km, ML2.7 THE 14 09:56:30.8±38.25N, 26.50E, h10km, 1km, ML2.8/4, Error ellipse: s-maj=1.7km s-min=0.7km az=75.0

ATH 14 09:56:30.6±38.24N, 26.51E, h14km, 3km, ML2.8/4, Error ellipse: s-maj=3.7km s-min=1.2km az=229.0

ISC 14 09:56:30.1±0.8, 38.27N, 0.02, 26.52E, 0.02, h7km, 5km, n14, c0576/66, Aegean Sea

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

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

IDA 14 10:04:19.2±3.8, 67.63N, 32.97E, h0km, mb1.2/7.1, mb1mx2.6/4.9, mbtm2.6/1, ML2.5/1, Error ellipse: s-maj=30.3km s-min=12.4km az=110.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCES, ARCES, ARCES, I37NO, I43RU, etc.

IDA 14 10:04:58.1±3.4, 67.88N, 25.50E, h0km, Error ellipse: s-maj=34.4km s-min=9.7km az=117.0 HEL 14 10:04:59.0±2.0, 67.92N, 25.80E, h0km, ML1.7(UPP), Explosion

BER 14 10:05:00.0±1.0, 67.79N, 25.55E, h12km, 9km, ML1.3 UPP 14 10:05:02.2±0.9, 67.88N, 25.30E, h0km, ML1.7, Suspected explosion

ISC 14 10:04:58.1±0.9, 67.95N, 0.03, 25.69E, 0.04, h0km, n30, c046/36, Finland

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

IDA 10:11:02.9±0.3, 21.15N, 45.78W, h0km, mb4.6/4.4, mb1.4/7.6, mb1mx4.6/58, mbtm4.6/4.6, ML3.9/2, MS4.5/2.6, Ms1.4/5.2/6, ms1mx4.4/3.8, Error ellipse: s-maj=11.8km s-min=8.8km az=138.0

MOS 14 10:11:03.9±1.0, 21.18N, 45.84W, h15km, mb5.2/6.7, Error ellipse: s-maj=6.2km s-min=5.5km az=47.9

NEIC 14 10:11:05.4±1.5, 21.14N, 0.09, 45.79W, 0.09, h10km, 1km, mb5.0/4.98, Error ellipse: s-maj=15.9km s-min=13.8km az=153.0

GCMT 14 10:11:07.0±1.2, 21.19N, 0.01, 45.71W, 0.01, h12km, MW3.5/14.4, Moment Tensor Solution. s84, c106, s144, c273. Duration: 16 Moment tensor: Scale 10^17 Nm; M=1.00±0.1; Mw=0.07±0.1; Mw=1.07±0.1; Mw=0.28±0.4; Mw=0.10±0.1; Mw=0.32±0.4; Best double couple: M1.124000, 10.17 NP1=171.000000, 837.000000, -1.12.000000. NP2=18.000000, 556.000000, 1.74.000000. Principal axes: T 1.1340, P169.000000, Azm97.000000; N -0.2020, P133.000000, Azm189.000000; P -1.1140, P174.000000, Azm332.000000; nst1a refers to body waves, cutoff=40s. nst1a2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 14 10:11:12.8±0.2, 21.30N, 44.95W, h31km, mb5.0

ISC 14 10:11:04.8±1.2, 21.13N, 0.05, 45.83W, 0.05, h10km, 6km, n1059, r104/1002, mb5.0/329, MS4.8/35, 33C-20D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H05N1, H05N1, BBSP, BBSP, etc.

14d 10h

MPOM	Morne Pois Mar	15.77 248	eP	Pn	10 14 39.1	-8.0
MPOM	Morne Pois Mar	15.77 248	Pn	Pn	10 14 47.3	+0.2
MPOM			Iamb	Iamb	10 14 56.0	
DSLB	Salisbury	15.84 252	eP	Pn	10 14 45.5	-2.5
SVN	Savane Anatole	15.86 249	Pn	Pn	10 14 49.4	+1.1
TDBA	Terre de Bas,	15.88 253	eP	Pn	10 14 43.7	-4.7
DFD	Fort de France	15.90 249	P	Pn	10 14 49.7	+1.0
DFD			Pmax	Pmax		
DFD	comp=Z,177nm,1.0s	15.90 249			10 14 49.7	+1.0
DFD	Fort de France		Iamb	Iamb	10 14 57.1	
BIM	Bigot	15.92 248		Pn	10 14 44.9	+0.5
MCLT	Moule a Chique	16.19 245	eP	Pn	10 14 44.0	-8.4
MCLT	Moule a Chique	16.19 245	P	Pn	10 15 48.9	+3.8
SMRT	St. Maarten	16.53 262	eP	Pn	10 14 55.3	-1.5
SMRT	St. Maarten	16.53 262	P	P	10 14 59.8	+0.4
SMRT			Iamb	Iamb	10 15 03.4	
SEUS	comp=Z,89nm,1.0s	16.58 260	eP	Pn	10 14 55.0	-2.5
SEUS	St. Eustatius	16.58 260	P	Pn	10 15 00.5	+0.5
SVB	Belmont	16.66 245	eP	P	10 14 57.8	-0.7
SVB	Belmont	16.66 245	P	P	10 15 00.5	-0.5
SVB			Iamb	Iamb	10 15 15.9	
SABA	Saba	16.79 261	eP	Pn	10 14 57.6	-2.5
SABA	Saba	16.79 261	P	Pn	10 15 03.1	+0.8
SABA			Iamb	Iamb	10 15 25.0	
TOSP	comp=Z,105nm,0.9s	17.16 238		P	10 15 07.5	+1.2
TOSP	Speyside		Iamb	Iamb	10 15 18.7	
GCMP	Grenada, Carri	17.21 243	eP	P	10 15 07.0	0.0
MDP	Montagnes des	17.25 203	P	P	10 15 06.7	-0.6
MDP	comp=Z,0.2nm,0.3s,baz=57,slow=11,SNR=2.9		LR	LR	10 20 17.0	
ABVI	comp=Z,672nm,21.0s,baz=28,slow=32		P	P	10 15 11.4	+0.7
GRGR	Anegada Island	17.56 265	eP	Pn	10 15 08.8	-1.4
GRGR	Grenville	17.59 242	eP	Pn	10 15 23.4	+2.2
GRGR	Grenville	17.59 242	P	Pn	10 15 23.4	+2.2
CDVI	St. Croix	18.17 263	eP	Pn	10 15 12.3	-4.9
STVI	Saint Thomas	18.21 265	P	P	10 15 18.2	+0.2
TRN	Trinidad (W)	18.23 238	eP	Pn	10 15 19.0	+0.8
CUPR	Culebra, Puert	18.52 265	P	Pn	10 15 21.4	0.0
MTP	Monte Pirata	18.62 264	P	Pn	10 15 25.3	+0.1
CBYP	Canovanas	19.07 265	Iamb	Iamb	10 15 31.8	
CBYP			Iamb	Iamb	10 15 31.8	
HUMP	comp=Z,108nm,1.3s	19.09 265	P	Pn	10 15 29.2	+0.8
GCPR	Col San Antoni	19.27 265	P	Pn	10 15 30.4	-0.2
GCPR	Guaynabo City		Iamb	Iamb	10 15 33.9	
PDPH	comp=Z,150nm,1.4s	19.27 264	P	Pn	10 15 30.9	+0.2
PDPH	Patillas Dam,		Iamb	Iamb	10 15 34.8	
SJG	San Juan	19.37 265	P	Pn	10 15 32.4	+0.5
SJG	comp=Z,0.9nm,0.3s,baz=74,slow=9,SNR=20		LR	LR	10 21 25.7	
SJG	San Juan	19.37 265	Pmax	Pmax	10 15 32.2	+0.3
SJG			Pmax	Pmax		
SJG	comp=Z,333nm,1.6s		P	Pn	10 15 24.0	-6.7
SJG	San Juan	19.37 265	eP	Pn	10 15 32.2	+0.3
SJG	San Juan	19.37 265	P	Pn	10 15 30.6	+0.2
EMPR	Esperanza - Ma	19.65 266	eP	Pn	10 15 34.7	-0.5
ICMP	Isla Caja de M	19.77 264	P	Pn	10 15 35.6	+0.5
OBIP	Obisapond Ponce	19.81 265	P	Pn	10 15 36.6	-0.5
AOPR	Arecibo Observ	19.89 266	eP	Pn	10 15 35.8	-0.6
AOPR	Arecibo Observ	19.89 266	P	Pn	10 15 38.2	+0.2
AOPR			Iamb	Iamb	10 15 47.3	
AGPR	comp=Z,169nm,1.3s	20.19 266	P	Pn	10 15 41.3	-0.3
MLPR	Aguaadilla, PR	20.29 265	P	Pn	10 15 41.1	+1.0
PLCV	Maguayes Islan	20.17 242	P	Pn	10 15 50.5	+1.2
PCRV	Puerto La Cruz	21.07 242	P	Pn	10 15 50.5	+0.8
PCRV	comp=Z,138nm,1.1s,baz=124,slow=0.9,SNR=12		P	Pn	10 15 53.3	+0.9
PCDR	Punta Cana, DR	21.37 267	P	P	10 15 59.8	+0.7
SACV	Santiago Islan	21.99 102	P	P	10 16 05.9	
SACV			Iamb	Iamb	10 16 05.9	
DR12	comp=Z,52nm,1.1s	22.25 268	P	P	10 16 03.6	+1.5
SDD	Loma Pena Alta	22.81 268	P	P	10 16 09.8	+1.9
ROSA	Santo Domingo	23.16 37	P	P	10 16 11.2	-0.2
BANI	BANI	23.23 268	P	Pn	10 16 11.9	-0.6
SC01	Santiago de los	23.46 270	P	Pn	10 16 15.5	+1.5
TMAB	Tom-Au,PA,Br	23.48 186	P	P	10 16 17.9	+3.4
BOAV	Boa Vista	23.48 219	eP	P	10 16 15.9	+1.2
HATO	Hato, Curacao	23.85 252	P	P	10 16 19.6	+1.2
SDDR	Presa de Saban	24.00 269	P	P	10 16 19.5	-0.4
SDDR			Iamb	Iamb	10 16 25.8	
SDDR	comp=Z,36nm,1.0s	24.00 269	eP	P	10 16 20.0	+0.1
NBMO	Presas de Saban	24.00 269	P	P	10 16 28.8	+0.5
LGNH	Morrinhos-CE	25.31 269	P	P	10 16 31.0	-0.7
PTGA	Logne	25.75 214	P	P	10 16 35.4	-0.3
PTGA	Pitinga		P	P	10 25 30.6	
PTGA	comp=Z,9.3nm,0.9s,baz=41,slow=10,SNR=13		LR	LR	10 25 30.6	
PTGA	comp=Z,1um,21.5s,baz=28,slow=34		P	P	10 16 35.6	-0.1
SDV	Pitinga	25.75 214	P	P	10 16 40.0	+0.4
SDV	Santo Domingo	26.82 247	P	P	10 25 51.1	
SDV	Santo Domingo	26.82 247	P	P	10 16 46.1	+0.4
SDV			Iamb	Iamb	10 16 56.1	
SDV	comp=Z,50nm,1.1s	26.82 247	eP	P	10 16 44.8	-0.8
SDV	Santo Domingo	26.82 247	eP	P	10 16 46.2	+0.6
ITTB	Haituba	27.13 202	eP	P	10 16 51.2	+3.0
CRJC	Cerejón, Guaj	27.82 253	P	P	10 16 22.2	-2.2
PMOZ	Porto Moniz, M	27.96 59	eLQ	LQ	10 22 32.0	
PMOZ			eLR	LR	10 23 43.7	
MACA	comp=Z,1um,22.0s	28.10 213	eP	LR	10 16 57.9	+0.3
RCBR	Manacapuru-AM	28.58 159	LR	LR	10 25 15.2	
RCBR	Riachuelo	28.58 159	eP	LR	10 25 15.2	
RCBR	comp=Z,20.8s,baz=318,slow=30		LR	LR	10 25 15.2	
LMN	Caledonia Moun	29.15 332	P	P	10 17 06.6	+0.6
LMN			Iamb	Iamb	10 17 58.8	
OCAC	comp=Z,27nm,1.1s	29.45 248	eP	P	10 17 13.8	+4.7
H66A	Whiting	29.52 328	P	P	10 17 10.1	+0.9
NPGB	Novo Progresso	29.52 199	eP	P	10 17 09.2	-0.3
GGN	Saint George	29.53 329	P	P	10 17 09.7	+0.4
EMMW	East Machias	29.53 328	P	P	10 17 10.0	+0.7
EMMW			Iamb	Iamb	10 17 19.6	
M64A	comp=Z,44nm,1.4s	29.55 319	P	P	10 17 09.5	0.0
L64A	Tiverton	29.56 320	P	P	10 17 08.9	-0.7
L64A	Middleborough		Iamb	Iamb	10 17 19.7	
L64A	comp=Z,40nm,1.3s	29.56 320	P	P	10 17 09.9	+0.3
L64A	Middleborough		P	P	10 17 09.9	+0.3
DRLN	Deer Lake	29.57 344	P	P	10 17 10.4	+0.7
SMTB	Santa Maria do	29.85 183	eP	P	10 17 12.8	+0.3
H65A	Eastbrook	29.92 327	P	P	10 17 13.5	+0.7
G65A	Princeton	29.94 328	P	P	10 17 13.6	+0.6
BRYW	comp=Z,136nm,1.0s	29.97 320	P	P	10 17 12.5	-0.8
BRYW	Bryant College		Iamb	Iamb	10 17 23.4	
L63A	comp=Z,36nm,1.4s	29.98 319	P	P	10 17 12.6	-0.7
L63A	North Scituate		Iamb	Iamb	10 17 23.4	
L63A	comp=Z,32nm,1.2s	29.98 319	P	P	10 17 14.2	+0.8
L63A	North Scituate		P	P	10 17 14.2	+0.8
I64A	comp=Z,126nm,1.0s	30.12 324	P	P	10 17 14.6	0.0
I64A	Goothbay		P	P	10 17 14.6	0.0
BARC	Barichara	30.15 245	eP	P	10 17 18.7	+3.3
UCCT	U. Connecticut	30.32 319	Iamb	Iamb	10 17 17.2	+0.9
UCCT			Iamb	Iamb	10 17 26.5	
HRV	comp=Z,23nm,1.1s	30.33 321	P	P	10 17 17.2	+0.8
HRV	Adam Dziewonsk		Pmax	Pmax		
HRV	comp=Z,32nm,1.3s	30.33 321	P	P	10 17 17.2	+0.8
HRV	Adam Dziewonsk		Iamb	Iamb	10 17 28.0	
HRV	comp=Z,32nm,1.2s	30.33 321	P	P	10 17 16.6	+0.2
HRV	Adam Dziewonsk		P	P	10 17 16.6	+0.2

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SJCC	San Jacinto, C	30.34 253	P	P	10 17 16.6	-0.3
SJCC	San Jacinto, C	30.34 253	eP	P	10 17 17.9	+1.0
H64A	Troy	30.39 326	P	P	10 17 17.2	+0.3
K63A	Dunstable	30.42 321	P	P	10 17 17.3	+0.1
RUSC	La Rusia	30.44 244	P	P	10 17 19.3	+1.1
RUSC	La Rusia	30.44 244	eP	P	10 17 18.7	+0.5
J63A	Stratford	30.52 322	P	P	10 17 17.7	-0.4
WVL	Waterville	30.57 325	P	P	10 17 19.4	+0.9
WVL			Iamb	Iamb	10 17 22.0	
G64A	comp=Z,24nm,1.0s	30.57 327	P	P	10 17 18.8	+0.3
G64A	Maxfield		P	P	10 17 18.8	+0.3
WSP7	Westport, CT	30.66 317	P	P	10 17 20.0	+0.6
I63A	Otisfield	30.73 324	P	P	10 17 20.5	+0.6
F64A	Sherman	30.80 328	P	P	10 17 20.8	+0.2
F64A	Sherman	30.80 328	P	P	10 17 21.2	+0.6
BATG	Bathurst New B	30.80 333	P	P	10 17 21.2	+0.6
BATG			Iamb	Iamb	10 17 30.4	
K62A	comp=Z,37nm,1.2s	30.82 320	P	P	10 17 21.2	+0.3
K62A	Royalston		Iamb	Iamb	10 17 32.0	
K62A	comp=Z,38nm,1.4s	30.82 320	P	P	10 17 20.4	-0.4
K62A	Royalston		P	P	10 17 20.4	-0.4
H63A	comp=Z,126nm,SNR=6.0	30.83 325	P	P	10 17 20.2	-0.7
H63A	New Sharon		P	P	10 17 20.2	-0.7
PKME	Peaks-Kenny Pk	30.85 327	P	P	10 17 21.4	+0.4
PKME			Iamb	Iamb	10 17 31.1	
PKME	comp=Z,53nm,1.4s	30.85 327	P	P	10 17 20.2	-0.8
PKME	Peaks-Kenny Pk		P	P	10 17 20.2	-0.8
CPNY	Central Park	30.87 316	P	P	10 17 22.0	+0.8
CPNY			Iamb	Iamb	10 17 24.8	
J62A	comp=Z,21nm,0.8s	30.91 321	P	P	10 17 21.7	+0.2
J62A	Henniker		P	P	10 17 21.7	+0.2
G63A	Kingsbury	30.92 326	P	P		

SCHQ	comp-Z,670nm,20.0s,baz=155,slow=34	LR	LR	10 32 07.4			
SCHO	Schefferville	37.20 340	P	10 18 15.8 -0.2			
SCHO	comp-Z,58nm,1.2s	I Amb	I Amb	10 18 26.1			
PESTR	Estremoz	37.22 53	P	10 18 18.1 +1.7			
PBAR	Barrancos	37.44 54	eP	10 18 18.3 +0.1			
PMRV	Marv??o	37.53 52	eP	10 18 18.7 -0.4			
PMRV	comp-Z,621nm,22.0s	eLQ	LQ	10 26 43.5			
PMRV	Manteigas	37.73 51	eP	10 18 21.5 +0.7			
MTE	Manteigas	37.73 51	eP	10 18 21.5 +0.7			
MTE	comp-Z,97nm,1.3s	eLR	LR	10 28 15.0			
MTE	comp-Z,593nm,22.0s	eLR	LR	10 18 20.8 0.0			
PGAV	Gavieira, Arco	37.76 48	eP	10 18 21.7 +0.7			
PGAV	comp-Z,35nm,1.4s	eLR	LR	10 28 20.7			
SWET	Seवानee	37.77 301	P	10 18 23.4 +2.2			
DRKO	Durika	37.88 258	I Amb	10 18 33.1			
P49A	Miami Univ. Ec	37.89 308	I Amb	10 18 35.2			
P49A	Miami Univ. Ec	37.89 308	P	10 18 21.4 -0.6			
U49A	Red Boiling Sp	37.92 303	P	10 18 22.1 -0.2			
U49A	Blount Mountain	37.93 298	P	10 18 23.2 +0.7			
GUAO1	Guaratanga, BA	37.94 171	eP	10 18 22.6 0.0			
SRBA	San Rafael, Bu	38.00 258	I Amb	10 18 24.5 +1.2			
SRBA	comp-Z,40nm,1.4s	I Amb	I Amb	10 18 34.4			
OTAV	Otavallo	38.02 241	P	10 18 24.7 +0.8			
OTAV	comp-Z,54nm,1.3s	P	pmax	10 18 24.7 +0.8			
OTAV	Otavallo	38.02 241	P	10 18 24.7 +0.8			
OTAV	comp-Z,54nm,1.3s	eP	P	10 18 31.9 +8.0			
OTAV	Santo Antonio	38.05 196	eP	10 18 24.4 +0.9			
RIMA	Rio Macho	38.26 259	P	10 18 27.8 +2.2			
RIMA	comp-Z,74nm,1.4s	I Amb	I Amb	10 18 37.1			
CLTN	Cedars of Lebanon	38.27 302	P	10 18 25.7 +0.4			
PACT	Pacto, Paraso	38.28 241	eP	10 18 29.7 +3.9			
LRL	Lakeview Retre	38.30 297	P	10 18 25.8 +0.2			
LRL	Lakeview Retre	38.30 297	P	10 18 25.5 -0.1			
MDT	Midelt	38.32 64	P	10 18 25.7 -0.2			
MVO	comp-Z,61nm,0.9s,baz=286,slow=8.7,SNR=4.3	eP	P	10 18 28.6 +2.6			
MVO	Moncorvo	38.35 50	eP	10 18 28.6 +2.6			
MVO	comp-Z,53nm,1.5s	eLQ	LQ	10 27 14.6			
MVO	comp-Z,554nm,20.0s	eLR	LR	10 28 47.5			
P48A	Milroy	38.39 307	P	10 18 26.6 +0.3			
COVE	Coope Vega, Sa	38.41 260	I Amb	10 18 32.2			
L48A	N Adams	38.47 312	I Amb	10 18 37.0			
X48A	Hartselle	38.54 299	P	10 18 28.3 +0.7			
X48A	comp-Z,49nm,1.0s	PcP	PcP	10 20 40.2 -0.1			
V48A	Smith Brothers	38.59 301	P	10 18 28.8 +0.8			
PTLB	Ponte de Pedra	38.62 201	P	10 18 28.9 +0.6			
WCI	Wyandotte Cave	38.72 305	P	10 18 29.9 +0.9			
WCI	comp-Z,15nm,1.3s	pmax	pmax	10 18 29.9 +0.9			
WCI	Wyandotte Cave	38.72 305	P	10 18 29.9 +0.9			
WCI	Wyandotte Cave	38.72 305	P	10 18 29.0 0.0			
CZSB	Cruzeiro do Su	38.97 225	eP	10 18 32.2 +0.8			
JTS	Las Juntas de	39.07 260	iP	10 18 33.7 +1.4			
JTS	comp-Z,23nm,1.3s	pmax	pmax	10 18 33.7 +1.4			
NANO1	Guarapari, ES	39.13 171	eP	10 18 32.7 +0.1			
Z47A	Carrollton	39.21 297	P	10 18 33.4 +0.2			
DIAM	Diamantina, MG	39.24 177	eP	10 18 33.9 +0.3			
WVT	Waverly	39.46 302	P	10 18 34.9 -0.4			
WVT	comp-Z,16nm,1.2s	pmax	pmax	10 18 34.9 -0.4			
WVT	Waverly	39.46 302	P	10 18 34.9 -0.4			
WVT	Waverly	39.46 302	P	10 18 35.0 -0.3			
PLAL	Pickwick Lake	39.46 300	P	10 18 35.9 +0.6			
PP1B	Ponte de Pedra	39.49 194	eP	10 18 36.3 +0.6			
SIV	San Ignacio	39.80 203	P	10 18 38.8 +0.5			
PAB	San Pablo	39.83 53	P	10 18 38.4 0.0			
PAB	comp-Z,25nm,1.1s	pmax	pmax	10 18 38.4 0.0			
PAB	San Pablo	39.83 53	P	10 18 38.4 0.0			
SJMB	Sao Joao De Ma	39.84 173	eP	10 18 38.2 -0.3			
SFIN	Lafayette	39.89 308	I Amb	10 18 38.6 -0.2			
SFIN	comp-Z,61nm,1.8s	I Amb	I Amb	10 18 48.1			
SFIN	Lafayette	39.89 308	P	10 18 38.8 0.0			
CNGN	Cerro Negro	39.95 264	P	10 18 41.5 +1.8			
BSFB	Barra de Sao F	40.01 173	eP	10 18 40.4 +0.5			
TGUH	Tegucigalpa,Un	40.03 267	P	10 18 39.9 +0.5			
TGUH	comp-Z,3.3nm,0.8s,baz=37,slow=7.7,SNR=8.9	I Amb	I Amb	10 18 48.6			
TGUH	comp-Z,47nm,1.1s	I Amb	I Amb	10 18 48.6			
TGUH	Tegucigalpa,Un	40.03 267	eP	10 18 34.5 -5.9			
ESDC	Sonseca Array	40.15 53	P	10 18 41.0 -0.1			
ESDC	comp-Z,5.7nm,0.7s,baz=254,slow=8.1,SNR=23	LR	LR	10 32 49.5			
ESDC	comp-Z,712nm,18.9s,baz=255,slow=33	LR	LR	10 32 49.5			
ESBB	Sonseca Array	40.15 53	I Amb	10 18 50.4			
OLIL	Olney	40.22 305	P	10 18 41.4 -0.2			
OLIL	comp-Z,42nm,1.4s	I Amb	I Amb	10 18 55.3			
CRIN	San Cristobal	40.22 265	P	10 18 42.9 +0.9			
KOWA	Kowa	40.27 92	P	10 18 40.7 -1.5			
KOWA	comp-Z,4.4nm,0.6s,baz=294,slow=9.4,SNR=9.3	I Amb	I Amb	10 18 47.6			
KOWA	comp-Z,3um,20.0s,baz=254,slow=33	LR	LR	10 33 19.0			
KOWA	Kowa	40.27 92	P	10 18 41.5 -0.7			
W45A	Hickory Valley	40.39 300	P	10 18 42.9 -0.1			
W45A	comp-Z,56nm,1.0s	I Amb	I Amb	10 18 47.6			
OXF	Oxford	40.48 299	P	10 18 44.9 +1.1			
OXF	comp-Z,22nm,1.0s	pmax	pmax	10 18 44.9 +1.1			
OXF	Oxford	40.48 299	P	10 18 44.9 +1.1			
OXF	Oxford	40.48 299	P	10 18 43.2 -0.6			
ITRB	Itruma	40.82 187	eP	10 18 47.0 +0.3			
SIUC	Southern Illin	40.86 304	P	10 18 48.0 +1.1			
S44A	Carbondale	40.88 304	P	10 18 46.7 -0.4			
S44A	comp-Z,42nm,1.6s	I Amb	I Amb	10 18 58.4			
Q44A	Meyer Farm, Va	40.95 305	P	10 18 47.8 +0.2			
Q44A	comp-Z,39nm,1.4s	I Amb	I Amb	10 19 00.6			
L44A	Lake County Fo	41.00 311	P	10 18 47.9 -0.1			
BVMS	Wicksburg	41.17 295	P	10 18 50.0 +0.5			
344A	Westbrook Farm	41.30 294	I Amb	10 19 22.1			
P43A	Skaggs, Pawnee	41.50 306	I Amb	10 19 04.8			
HDIL	Hopedale	41.55 308	P	10 18 52.4 -0.1			
PETF	Flores	41.74 272	P	10 18 54.5 +0.1			
PETF	comp-Z,68nm,1.6s	I Amb	I Amb	10 19 04.6			
ESQI	Lone Tree Farm	41.83 317	P	10 18 54.8 +0.1			
ESQI	Esquipulas	41.83 268	I Amb	10 19 06.3			
BSCB	comp-Z,36nm,0.9s	eP	P	10 18 55.1 -0.3			
MT03	Montecristo	41.89 179	P	10 18 56.6 +0.8			
MT03	comp-Z,27nm,1.7s	I Amb	I Amb	10 19 07.5			
TIC	comp-Z,40nm,1.1s	eP	P	10 18 56.3 -0.3			
BB19B	Tombodou	42.02 184	eP	10 18 56.5 0.0			
LCAR	Lake Charles	42.11 301	P	10 18 57.4 +0.3			
LCAR	comp-Z,31nm,1.4s	PcP	PcP	10 20 50.8 -1.0			
H10N3	ASCENSION HYDR2.14 130	T	T	11 03 49.7			

H10N2	ASCENSION HYDR2.14 130	T	T	11 03 51.4			
DBIC	Dimbokro	42.14 104	P	10 18 57.0 -0.7			
DBIC	comp-Z,30nm,0.7s,baz=310,slow=7.9,SNR=33	LR	LR	10 33 56.7			
DBIC	Dimbokro	42.14 104	P	10 18 57.2 -0.5			
DBIC	comp-Z,32nm,0.8s	pmax	pmax	10 18 57.2 -0.5			
DBIC	Dimbokro	42.14 104	P	10 18 57.1 -0.5			
DBIC	comp-Z,32nm,0.8s	I Amb	I Amb	10 18 59.6			
H10N1	ASCENSION HYDR2.16 130	T	T	11 03 49.6			
LIC	Lamto	42.17 105	eP	10 18 56.5 -1.4			
L42A	Oliver, Polo	42.20 310	P	10 18 57.5 -0.3			
L42A	comp-Z,27nm,1.1s	I Amb	I Amb	10 19 06.7			
T42A	Van Buren	42.20 302	P	10 18 57.8 -0.1			
I42A	Dreager Farm,	42.22 313	P	10 18 58.3 +0.4			
KIC	Kosan Boka	42.37 104	eP	10 18 59.4 -0.2			
AQDB	Aquidauana	42.46 194	P	10 19 00.9 +0.9			
AQDB	Aquidauana	42.46 194	eP	10 19 00.4 +0.4			
CCM	Cathedral Cave	42.49 304	pmax	10 19 00.0 -0.3			
CCM	comp-Z,44nm,1.3s	pmax	pmax	10 19 00.0 -0.3			
CCM	Cathedral Cave	42.49 304	P	10 19 00.0 -0.3			
CCM	comp-Z,44nm,1.3s	I Amb	I Amb	10 19 13.8			
CCM	Cathedral Cave	42.49 304	P	10 19 00.2 -0.1			
N41A	Harden Midland	42.47 308	I Amb	10 19 15.2			
H10S3	ASCENSION HYDR2.79 131	T	T	11 04 38.9			
PCMB	Pasamunk	42.80 187	eP	10 19 03.2 +0.4			
H10S2	ASCENSION HYDR2.81 131	T	T	10 19 03.6			
JFWS	Jewell Farm	42.86 311	P	10 19 02.5 -0.7			
JFWS	comp-Z,32nm,1.0s	P	P	10 19 02.5 -0.7			
FCAR	Ozark Folk Cen	42.87 300	P	10 19 03.5 +0.1			
W41B	Gary Mavity, V	42.88 299	P	10 19 03.4 0.0			
W41B	comp-Z,96,SNR=9.9	I Amb	I Amb	10 19 03.4 0.0			
WHAR	Woolly Hollow	42.93 299	P	10 19 03.2 -0.7			
WHAR	comp-Z,30nm,1.3s	I Amb	I Amb	10 19 13.3			
DUB01	Friburgo-RJ	43.08 175	eP	10 19 05.0 -0.1			
D41A	Chassel	43.09 317	P	10 19 04.9 0.0			
D41A	comp-Z,32nm,1.0s	I Amb	I Amb	10 19 14.8			
LPAZ	La Paz	43.14 212	P	10 19 06.8 +0.4			
LPAZ	comp-Z,3.5nm,0.8s,baz=30,slow=7.9,SNR=10.0	LR	LR	10 36 30.5			
LPAZ	La Paz	43.14 212	P	10 19 06.8 +0.4			
LPAZ	comp-Z,37nm,1.2s	pmax	pmax	10 19 06.8 +0.4			
LPAZ	La Paz	43.14 212	P	10 19 06.8 +0.4			
LPAZ	comp-Z,36nm,1.2s	I Amb	I Amb	10 19 16.8			
LPAZ	La Paz	43.14 212	eP	10 18 57.1 -9.3			
LPAZ	La Paz	43.14 212	eP	10 19 07.0 +0.6			
MGMO	Mountain Grove	43.15 302	P	10 19 05.5 -0.1			
Z41A	Richland Creek	43.17 296	P	10 19 04.7 -1.1			
X40A	Basin Creek Fa	43.29 298	P	10 19 05.9 -0.9			
RCLB	Rio Claro- Sao	43.31 182	eP	10 19 06.8 -0.3			
R40A	Maddies Statio	43.33 304	P	10 19 07.0 0.0			
R40A	comp-Z,33nm,1.4s	I Amb	I Amb	10 19 16.6			
P40A	Paris	43.38 306	P	10 19 07.5 0.0			
P40A	comp-Z,27nm,1.4s	I Amb	I Amb	10 19 16.5			
I40A	Newark	43.40 312	P	10 19 07.9 +0.3			
U40A	Yellville	43.51 301	P	10 19 07.9 -0.7			
G40A	Rib Lake	43.53 314	I Amb	10 19 19.2			
V40A	comp-Z,59nm,1.8s	I Amb	I Amb	10 19 19.2			
Y40A	Yalton	43.88 182	eP	10 19 12.9 +1.3			
MIAR	Mount Ida	43.89 298	P	10 19 11.5 -0.2			
MIAR	comp-Z,15nm,1.2s	pmax					

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Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like SORM Soroca, ISA Isabella, and various other locations.

2015 AUG

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like DLBC Dease Lake, KLMR Klimovskoe, and various other locations.

14d 10h

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like GLB Gilahina Butte, ONI Oni, and various other locations.

14d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KDIAK Kodiak Island, ILAR Eielson Array.

IDC 14 11:42:35.4; 1.1, 54:81N; 164.46E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.4/48, mbtmp3.5/6, ML2.4/1, Error ellipse: s-maj=20.3km, s-min=20.3km, az=152.0, SNR=5.0

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BKI Bering, MKZ Mys Kozlova, ZLN Zelenaya, etc.

IDC 14 11:46:57.2; 0.0, 37:45N; 143:81E, h0km, mb3.5/2, mb1 3.7/5, mb1mx3.4/53, mbtmp3.6/5, ML3.3/3, Error ellipse: s-maj=48.7km, s-min=31.6km, az=91.0

Main table for Honshu region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIKH Ishinomakikobu, JIO Ouri, JJKM Kesennumotomoto, etc.

IDC 14 11:57:09.6; 6.6, 7:62S; 155:98E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/25, mbtmp3.6/3, Error ellipse: s-maj=20.9km, s-min=41.8km, az=11.0

Table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

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JMA 14 12:13:17.7; 0.1, 38:92N; 141:93E, h51km, M3.8 JMA Feil J1, NEIC 14 12:13:18.0; 1.1, 38:99N; 0:06; 142:1E; 0.1, h56km, 5km, mb4.5/7, Error ellipse: s-maj=13.5km, s-min=7.9km, az=110.0

NIED 14 12:13:17.8; 38:92N; 141:93E, h51km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14 Nm; Mxx:0.37; Myy:-2.79; Mzz:0.96; Mxy:0.24; Myz:3.87; Fault plane solution: M=4.98000x10^14 NP:1.92, 0.00000, 872.00000; Lambda:0.00000; NP2:1.81, 0.00000, 1.81000000

IDC 14 12:13:18.1; 38:95N; 142:16E, h70km, mb3.7/11, Mb 3.7/16, mb1mx3.5/33, mbtmp3.9/16, MS2.7/3, Ms1 2.7/3, ms1mx2.5/39 Error ellipse: s-maj=25.5km, s-min=15.5km, az=84.0

IDC 14 12:13:16.5; 0.9, 38:91N; 0:04; 142:08E; 0:09, h47km, 5km, m67, r158/73, mb4.2/16, Near east coast of eastern Honshu

Main table for Honshu region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OFUJU Ofunato, JKMT Kesennumotomoto, JMK Ichinoseki, etc.

IDC 14 12:13:30.5; 0.5, 4:84S; 140:26E, h0km, mb4.5/23, mb1 4.6/26, mb1mx4.6/35, mbtmp4.6/26, ML5.0/3, MS3.7/5, Ms1 3.7/5, ms1mx3.2/29, Error ellipse: s-maj=18.8km, s-min=12.2km, az=79.0

BUI 14 12:31:32.0; 0.0, 5:00S; 140:20E, h20km, MB5.0/28, mb4.8/53, Ms4.5/9, Ms7.4/17 MOS 14 12:31:34.2; 0.8, 4:82S; 140:14E, h33km, mb5.1/33, Error ellipse: s-maj=11.2km, s-min=5.9km, az=107.1

NEIC 14 12:31:36.0; 1.7, 4:95S; 0:08; 140:17E; 0.06, h35km, 1km, mb5.0/14, Error ellipse: s-maj=12.9km, s-min=10.8km, az=181.0

DJA 14 12:31:36.9; 0.5, 5:2S; 14:0E, h37km, 5km, M4.9/37, mb5.2/16, mb5.1/37, ML5.5/4, Mw(MB)4.6/16

IDC 14 12:31:35.6; 0.3, 4:98S; 0:04; 140:14E; 0.04, h35km, n432, r131/432, ms5.0/129, MS3.8/4, 6C-3D, Irian Jaya

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Borovoye Array, MK31 Makanchi Array, etc.

IDC 14 12:26:44.1; 1.1, 9:31S; 157:81E, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.7/42, mbtmp3.8/7, ML3.8/1, MS3.5/3, Ms1 3.5/3, ms1mx3.0/36, Error ellipse: s-maj=36.0km, s-min=22.4km, az=151.0

NEIC 14 12:26:46.0; 7.2, 9:25S; 0:25; 157:90E; 0:10, h15km, 6km, mb4.2/6, Error ellipse: s-maj=28.4km, s-min=10.9km

Table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, WRA Warramunga Arr, WRA Alice Springs, etc.

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Table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, RABL Rabaul, WRA Warramunga Arr, etc.

WEL 14 12:29:54.5, 38:5S; 16:17:9E; 2.6, h34km, 26km, M2.8/12, ML3.0/12, MLV2.8/12, Error ellipse: s-maj=0.0km, s-min=0.0km, az=66.5, Off east coast of North Island

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PUZ Puketiti, FWGZ Tauwharepare, WNGZ Waionga, etc.

IDC 14 12:31:35.6; 0.3, 4:98S; 0:04; 140:14E; 0.04, h35km, n432, r131/432, ms5.0/129, MS3.8/4, 6C-3D, Irian Jaya

IDC 14 12:31:35.6; 0.3, 4:98S; 0:04; 140:14E; 0.04, h35km, n432, r131/432, ms5.0/129, MS3.8/4, 6C-3D, Irian Jaya

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GENI Genyem, MMPI Merauke, SRPI Serui, etc.

NVAR	baz=232	84.89	42	P	P	13 40 36.7 +0.6
NVAR	comp=Z,5.2nm,1.0s,ba=222,slow=8.3,SNR=20			LR	LR	14 13 49.6
RYN	comp=Z,5um,18.2s,ba=233,slow=32	84.89	42	IAMS_20	IAMS_20	14 14 02.3
J01E	Myrtle Point	85.00	35	P	P	13 40 35.4 -0.7
J01E	baz=225			S	S	13 51 07.8 +2.8
M04C	Macdoel	85.14	37	P	P	13 40 36.1 -1.0
M04C	baz=226			S	S	13 51 08.5 +1.6
TPNV	Topopah Spring	85.17	44	P	P	13 40 35.9 -1.6
TPNV	baz=230			S	S	13 51 10.1 +2.5
L04D	Klamath Falls	85.19	37	P	P	13 40 36.0 -1.3
L04D	baz=226			S	S	13 51 07.3 -0.1
QIZ	Qiongzong	85.33	294	P	P	13 40 39.3 +0.9
QIZ	comp=Z,980nm,9.6s			SS	SS	13 51 10.3 +0.9
QIZ	comp=Z,500nm,11.8s			SS	SS	13 56 47.0 +2.5
QIZ	comp=Z,410nm,12.7s			LR	LR	
QIZ	comp=Z,600nm,15.9s			LR	LR	
MNSI	Mandailing Nat	85.38	273	P	P	13 40 38.3 -0.5
MNSI	comp=Z,1um,comp=Z,32nm,0.9s			IAMS_20	IAMS_20	14 15 06.2
KVN	Kaiserville	85.41	41	IAMS_20	IAMS_20	14 15 06.2
W13A	Hualapai Mount	85.51	47	IAMS_20	IAMS_20	14 12 35.2
SHPR	Sheep Range	85.57	45	IAMS_20	IAMS_20	14 13 45.8
NJ2	Nanjing	85.67	309	P	P	13 40 41.6 +1.8
NJ2	comp=Z,22nm,0.6s			pP	pP	13 40 48.4 +0.1
NJ2	comp=Z,2um,7.7s			S	S	13 51 11.6 -0.6
NJ2	comp=Z,730nm,19.4s			SS	SS	13 56 53.8 +4.7
NJ2	comp=Z,560nm,16.3s			pmx	pmx	
NJ2	comp=Z,1um,20.6s			pmx	pmx	
I03D	Drain, OR	85.67	35	P	P	13 40 39.0 -0.5
I03D	baz=225			S	S	13 51 11.2 -0.6
USRK	Ussuriysk Ar.	85.67	325	P	P	13 40 40.4 +0.9
USRK	comp=Z,14nm,1.0s,ba=143,slow=3.8,SNR=19			LR	LR	14 15 20.1
SII	Sitkinak Islan	85.69	12	IAMS_20	IAMS_20	14 15 39.8
SII	baz=199			S	S	13 51 13.6 +2.3
I02D	Swisshome	85.71	35	P	P	13 40 38.2 -1.4
I02D	baz=225			S	S	13 51 12.1 0.0
K04D	Chiloquin, OR	85.76	37	P	P	13 40 39.1 -1.1
K04D	baz=226			S	S	13 51 13.4 +0.5
TUC	Tucson	85.90	50	P	P	13 40 39.7 -1.4
TUC	comp=Z,152nm,1.6s			pmx	pmx	
TUC	Tucson	85.90	50	IAMS_20	IAMS_20	14 10 57.9
TUC	comp=Z,3um,19.0s			P	P	13 40 40.7 -0.4
TUC	baz=234			S	S	13 51 14.7 0.0
PAYG	Puerto Ayora	85.91	89	IAMS_20	IAMS_20	14 11 16.1
J04D	Umpqua Nationa	86.00	36	P	P	13 40 40.4 -1.0
J04D	baz=226			S	S	13 51 17.9 +2.5
MOD	Modoc Plateau	86.06	38	IAMS_20	IAMS_20	14 14 53.1
TYV	Tymovskoe	86.06	335	eP	P	13 40 41.9 +0.6
TYV	comp=Z,2um,18.0s			S	S	13 51 16.2 +1.0
TYV	comp=Z,16nm,1.1s			pmx	pmx	
TYV	comp=Z,1um,8.9s			pmx	pmx	
BO02	Sierra Bellavi	86.11	127	P	P	13 40 41.6 -0.6
BO02	comp=E,2um,9.4s			IAMB	IAMB	13 40 53.0
I04A	Tendick Farm,	86.23	36	P	P	13 40 42.4 0.0
I04A	baz=226,SNR=9.5			S	S	13 51 20.5 +3.2
K05A	Summer Lake	86.29	37	IAMS_20	IAMS_20	14 15 13.3
319A	Douglas	86.40	52	IAMS_20	IAMS_20	14 14 47.3
R11A	Troy Canyon, C	86.47	43	IAMS_20	IAMS_20	14 14 38.3
R11A	comp=Z,4um,19.0s			P	P	13 40 42.6 -1.2
R11A	comp=Z,4um,19.0s			S	S	13 51 20.5 +0.3
OHAK	Old Harbor	86.48	12	P	P	13 40 42.7 -0.5
OHAK	comp=Z,37nm,1.2s			IAMB	IAMB	13 40 54.7
OHAK	baz=200			S	S	13 51 19.0 0.0
J05D	Fort Rock, OR	86.49	37	P	P	13 40 41.5 -2.3
J05D	baz=227,SNR=12			S	S	13 51 20.0 -0.2
H04D	Lebanon	86.57	35	P	P	13 40 43.4 -0.5
H04D	baz=226			S	S	13 51 19.2 -1.2
X16A	Lo Mia Camp, P	86.70	48	IAMS_20	IAMS_20	14 13 03.9
G03D	McMinnville, O	86.79	34	P	P	13 40 45.6 +0.6
RPSI	Rantau Prapat	86.83	275	IAMS_20	IAMS_20	14 25 50.1
H04A	Detroit Lake	86.96	35	IAMS_20	IAMS_20	14 17 17.8
PINE	Pine Mountain	87.00	36	P	P	13 40 44.7 -1.6
KDAK	Kodiak Island	87.14	12	P	P	13 40 46.7 +0.3
KDAK	comp=Z,21nm,1.1s,ba=194,slow=4.2,SNR=5.4			IAMB	IAMB	13 40 58.1
KDAK	Kodiak Island	87.14	12	P	P	13 40 44.9 -1.4
KDAK	comp=Z,67nm,1.6s			IAMB	IAMB	14 16 34.2
KDAK	Kodiak Island	87.14	12	P	P	13 40 46.5 +0.1
KDAK	baz=201			S	S	13 51 27.7 +2.3
I05D	Terrebonne, OR	87.21	36	P	P	13 40 45.9 -1.0
I05D	baz=226			S	S	13 51 26.1 -0.2
MDJ	Mudanjiang	87.19	324	P	P	13 40 47.8 +0.8
MDJ	comp=Z,2um,9.6s			pP	pP	13 40 51.1 +1.6
MDJ	comp=Z,2um,9.6s			sP	sP	13 40 52.8 -2.7
MDJ	comp=Z,2um,9.6s			pp	pp	13 44 12.6 +1.4
MDJ	comp=Z,2um,9.6s			pmx	pmx	
MDJ	comp=Z,2um,9.6s			LR	LR	

MDJ	comp=Z,1um,18.1s			LR	LR	
MDJ	comp=Z,1um,19.6s			LR	LR	
WVOR	Wild Horse Val	87.33	39	IAMS_20	IAMS_20	14 15 52.8
U15A	North Rim	87.35	46	IAMS_20	IAMS_20	14 14 13.8
GSI	Gunungstitol	87.39	273	P	P	13 40 48.2 -0.6
GSI	comp=Z,3um,18.0s			IAMS_20	IAMS_20	14 27 02.8
GSI	Gunungstitol	87.39	273	P	P	13 40 49.1 +0.4
WUAZ	Wupatki	87.40	48	IAMS_20	IAMS_20	14 13 18.3
WUAZ	comp=Z,3um,20.0s			S	S	13 40 47.6 -0.8
WUAZ	Wupatki	87.40	48	P	P	13 51 29.3 0.0
WUAZ	baz=234			S	S	13 40 47.6 -0.8
F04D	Rainier, OR	87.53	34	P	P	13 40 47.5 -1.1
F04D	baz=225			S	S	13 51 29.3 -1.1
E03A	Lebanon	87.58	33	IAMS_20	IAMS_20	14 18 05.1
UNM	Universidad Na	87.70	67	IAMS_20	IAMS_20	14 14 19.6
F04A	Ambro	87.72	34	IAMS_20	IAMS_20	14 16 54.7
X18A	Snowlflake	87.76	49	IAMS_20	IAMS_20	14 13 07.1
G05D	Wamic, OR	87.80	35	P	P	13 40 49.5 -0.5
G05D	baz=226			S	S	13 51 35.8 +3.4
I07A	Izee	87.96	37	IAMS_20	IAMS_20	14 16 26.3
WHN	Wuhan	87.97	306	P	P	13 40 51.3 +0.2
WHN	comp=Z,2um,18.0s			sP	sP	13 41 01.1 +1.4
WHN	comp=Z,2um,18.0s			SKS	SKS	13 51 18.1 -1.5
WHN	comp=Z,2um,18.0s			SKS	SKS	13 51 35.6 +1.0
WHN	comp=Z,2um,18.0s			pmx	pmx	
WHN	comp=Z,20nm,0.5s			LR	LR	
WHN	comp=Z,2um,15.8s			LR	LR	
WHN	comp=Z,1um,16.1s			LR	LR	
WHN	comp=Z,3um,17.9s			LR	LR	
DL2	Dalian	87.98	316	P	P	13 40 51.3 +0.4
DL2	comp=Z,2um,18.0s			S	S	13 51 16.1 -3.1
DL2	comp=Z,2um,18.0s			S	S	13 51 33.8 -0.5
DL2	comp=Z,3um,17.9s			pmx	pmx	
DL2	comp=Z,32nm,1.0s			pmx	pmx	
DL2	comp=Z,1um,9.3s			LR	LR	
DL2	comp=Z,610nm,17.0s			LR	LR	
DL2	comp=Z,510nm,18.9s			LR	LR	
DL2	comp=Z,1um,14.7s			LR	LR	
J08A	Circle Bar Ran	88.03	38	IAMS_20	IAMS_20	14 18 50.3
E04D	Cinebar	88.08	34	P	P	13 40 50.3 -0.9
E04D	baz=226			S	S	13 51 36.4 +1.5
F05D	White Salmon	88.17	35	P	P	13 40 50.3 -1.3
F05D	baz=226			S	S	13 51 37.9 +2.1
W18A	Petrified Fore	88.25	49	IAMS_20	IAMS_20	14 13 02.9
W18A	comp=Z,3um,20.0s			P	P	13 40 51.1 -1.5
W18A	Petrified Fore	88.25	49	P	P	13 40 51.1 -1.5
W18A	baz=234			S	S	13 51 42.2 +4.7
D04E	Lakebay	88.41	33	P	P	13 40 51.7 -1.1
D04E	baz=225			S	S	13 51 43.8 +5.8
GRNR	Gornyy	88.45	332	P	P	13 40 54.3 +1.4
GRNR	comp=Z,2um,18.0s			iP	iP	13 40 54.3 +1.4
D03D	Eldon	88.51	33	P	P	13 40 52.5 -0.7
D03D	baz=225			S	S	13 51 42.1 +3.1
EPT	El Paso	88.58	53	IAMS_20	IAMS_20	14 15 49.0
NKL	Nikolayevsk	88.63	336	eP	P	13 40 55.9 +2.3
NKL	comp=E,23nm,0.7s			pmx	pmx	
NKL	comp=N,450nm,1.5s			pmx	pmx	
NKL	comp=Z,43nm,1.5s			pmx	pmx	
TPTI		88.64	274	P	P	13 40 55.0 +0.4
TPTI	comp=Z,346nm,comp=Z,9.4nm,1.4s			P	P	13 40 54.0 +0.5
O18K	Koktuh Hills	88.64	10	P	P	13 40 54.0 +0.5
SNY	Shenyang	88.64	319	P	P	13 40 54.1 +0.2
SNY	comp=Z,2um,18.0s			SKS	SKS	13 51 25.8 +2.7
SNY	comp=Z,2um,18.0s			SKS	SKS	13 51 44.8 -1.1
SNY	comp=Z,2um,18.0s			pmx	pmx	
SNY	comp=Z,7.0nm,0.5s			pmx	pmx	
SNY	comp=Z,1um,9.5s			LR	LR	
SNY	comp=Z,200nm,15.2s			LR	LR	
SNY	comp=Z,630nm,17.1s			LR	LR	
P19K	Oil Pt	88.78	11	P	P	13 40 53.9 -0.3
P19K	baz=200			S	S	13 51 42.8 +1.7
D05A	Enumclaw	88.80	34	IAMS_20	IAMS_20	14 19 02.4
CN2	Changchun	88.85	322	eP	P	13 40 55.5 +0.6
CN2	comp=Z,10.0nm,1.1s			pmx	pmx	
CN2	comp=Z,900nm,9.0s			pmx	pmx	
CN2	comp=Z,500nm,17.0s			LR	LR	
CN2	comp=Z,1um,17.0s			LR	LR	
CN2	comp=Z,1um,16.0s			LR	LR	
CNPM	China Poot	89.02	12	IAMS_20	IAMS_20	14 17 45.0
G08A	Pilot Rock	89.05	36	IAMS_20	IAMS_20	14 18 58.2
HOM	Homer	89.07	12	IAMS_20	IAMS_20	14 17 58.2
HOM	comp=Z,3um,20.0s			P	P	13 40 53.9 -

14d 13h

PV15	Paradox Valley	90.92	47	IAMS_20	IAMS_20	14 16 27.6
PHET	Kaeng Krachan	90.93	284	P	P	13 41 09.5 +4.2
GAMB	Gambel	90.96	2	P	P	13 41 04.7 +0.5
GAMB	baz=184			S	S	13 52 03.5 +2.6
EYAK	Cordova Ski Ar	91.09	14	IAMS_20	IAMS_20	14 16 37.7
EYAK	Cordova Ski Ar	91.09	14	P	P	13 41 04.1 -0.8
EYAK	baz=207,SNR=6.0			S	S	13 52 03.4 +1.1
GLI	Glacier Island	91.10	14	P	P	13 41 02.6 -2.3
GLI	Glacier Island	91.10	14	IAMS_20	IAMS_20	14 18 07.9
GLI	Glacier Island	91.10	14	P	P	13 41 03.5 -1.5
GLI	baz=206			S	S	13 52 04.5 +2.1
FID	Port Fidalgo	91.11	14	IAMS_20	IAMS_20	14 18 05.1
LLBL	Lillooet	91.23	31	IAMS_20	IAMS_20	14 15 09.4
SKT	Skwentna	91.26	11	P	P	13 41 04.6 -1.1
SKT	baz=202			S	S	13 52 03.8 -0.1
BGLC	Bering Glacier	91.28	16	P	P	13 41 05.3 -0.5
BGLC	baz=209			S	S	13 52 07.2 +3.2
KNK	Knik Glacier	91.31	13	IAMS_20	IAMS_20	14 18 30.2
KNK	Knik Glacier	91.31	13	P	P	13 41 05.6 -0.4
KNK	baz=204			S	S	13 52 05.8 +1.5
PMR	Palmer	91.34	12	IAMS_20	IAMS_20	14 27 41.2
PMR	Palmer	91.34	12	P	P	13 41 08.1 +2.1
PMR	baz=204			S	S	13 52 05.6 +1.1
WRAK	Wrangell Isian	91.36	23	P	P	13 41 05.4 -0.8
WRAK	baz=218			S	S	13 52 09.4 +4.4
BERG	Berg Lake	91.42	15	IAMS_20	IAMS_20	14 16 35.5
TTA	Tatalina	91.45	9	S	S	13 52 07.3 +1.5
GYA	Guyang	91.60	299	P	P	13 41 09.8 +1.5
GYA	comp=Z,4um,20.0s			sP	pwP	13 41 17.0 +0.4
GYA	comp=Z,15nm,1.2s			S	S	13 52 15.5 +6.7
GYA	comp=Z,950nm,7.2s			pmax	pmax	
GYA	comp=Z,450nm,14.1s			LR	LR	
GYA	comp=Z,500nm,17.5s			LR	LR	
DIV	Divide	91.61	14	IAMS_20	IAMS_20	14 18 22.3
MESA	MESA	91.66	16	IAMS_20	IAMS_20	14 16 12.8
MESA	MESA	91.66	16	P	P	13 41 06.6 -1.2
MESA	baz=210			S	S	13 52 11.5 +3.5
S22A	4UR Ranch, Cre	91.67	48	P	P	13 41 06.3 -2.3
S22A	baz=236			S	S	13 52 13.5 +4.2
WAX	Waxell Ridge	91.67	16	IAMS_20	IAMS_20	14 16 23.2
YKUZ	Yakutat	91.67	18	IAMS_20	IAMS_20	14 15 59.3
SML	Sawmill	91.69	13	IAMS_20	IAMS_20	14 19 02.4
SML	Sawmill	91.69	13	P	P	13 41 07.0 -0.8
SML	baz=204			S	S	13 52 10.2 +2.3
BMRM	Bremner River	91.72	15	IAMS_20	IAMS_20	14 16 27.4
BMRM	Bremner River	91.72	15	P	P	13 41 07.6 -0.4
BMRM	baz=208,SNR=7.2			S	S	13 52 10.7 +2.5
YAH	Yahsthe	91.87	16	IAMS_20	IAMS_20	14 16 48.3
AHID	Auburn Hatcher	91.87	42	IAMS_20	IAMS_20	14 19 03.2
CRQM	Cirque	91.87	15	IAMS_20	IAMS_20	14 17 00.7
CUT	Chulitna	91.88	12	IAMS_20	IAMS_20	14 19 30.4
CUT	Chulitna	91.88	12	P	P	13 41 07.3 -1.2
CUT	baz=203			S	S	13 52 09.2 -0.1
CRQE	Cirque	91.88	15	P	P	13 41 08.0 -0.7
CRQE	baz=209			S	S	13 52 12.5 +2.7
KLK	Klutina	91.90	14	IAMS_20	IAMS_20	14 18 32.1
KLU	Klutina	91.90	14	P	P	13 41 08.0 -0.9
KLU	baz=206			S	S	13 52 11.5 +1.7
SCM	Sheep Creek Mo	91.91	13	P	P	13 41 08.0 -0.8
SCM	comp=Z,57nm,1.2s			pmax	pmax	
SCM	Sheep Creek Mo	91.91	13	P	P	13 41 08.0 -0.8
SCM	comp=Z,2um,20.0s			IAMS_20	IAMS_20	14 18 56.5
ISLE	Juniper Island	91.93	16	IAMS_20	IAMS_20	14 17 20.0
TGL	Tana Glacier	91.95	16	IAMS_20	IAMS_20	14 16 32.4
NEW	Newport	91.96	35	P	P	13 41 08.3 -1.1
NEW	baz=230			S	S	13 52 12.4 +1.5
PPLA	Purkeypille	92.00	11	IAMS_20	IAMS_20	14 19 55.7
PPLA	Purkeypille	92.00	11	P	P	13 41 08.1 -1.3
PPLA	baz=201			S	S	13 52 07.6 -3.3
833A	Chapparral WMA	92.01	59	P	P	13 41 07.4 -2.7
833A	baz=240			S	S	13 52 14.2 +2.1
PCA	Pinnacle	92.02	17	IAMS_20	IAMS_20	14 16 33.4
PINM	Pinnacle	92.02	17	P	P	13 41 08.3 -1.1
PINM	baz=211			S	S	13 52 13.5 +2.6
BJI	Beijing	92.05	315	P	P	13 41 11.0 +1.1
BJI	comp=Z,17nm,0.9s			SKS	SKSac	13 51 45.3 +2.4
BJI	comp=Z,920nm,9.6s			S	S	13 52 17.9 +3.6
BJI	comp=Z,760nm,15.7s			pmax	pmax	
BCPM	Bancas Point	92.06	17	IAMS_20	IAMS_20	14 16 12.9
ANM	Nome	92.07	5	P	P	13 41 08.7 -0.7
ANM	baz=190			S	S	13 52 13.4 +2.4
TABL	Table Mountain	92.09	16	IAMS_20	IAMS_20	14 16 36.1
O20A	White River Ci	92.10	45	IAMS_20	IAMS_20	14 19 41.5
O20A	White River Ci	92.10	45	P	P	13 41 08.3 -2.1

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O20A	baz=235			S	S	13 52 16.2 +3.4
K20K	Telida	92.14	10	P	P	13 41 08.9 -0.9
K20K	baz=199			S	S	13 52 12.6 +0.8
VRDI	Verde Repeater	92.21	15	IAMS_20	IAMS_20	14 16 42.5
PHIT	Phitsanuok	92.25	288	P	P	13 41 15.1 +3.8
PHIT	Phitsanuok	92.25	288	P	P	13 41 15.2 +3.9
N25K	China, Valde	92.29	14	IAMS_20	IAMS_20	14 16 57.4
N25K	China, Valde	92.29	14	P	P	13 41 10.9 +0.3
N25K	baz=208			S	S	13 52 14.8 +1.4
UTHA	Uthaitani	92.32	286	P	P	13 41 17.7 +6.0
GLB	Gilgitha Butte	92.32	15	IAMS_20	IAMS_20	14 17 16.3
UTTA	Utтарид	92.39	289	P	P	13 41 19.3 +7.3
M24K	Tolsona, Glenn	92.40	14	IAMS_20	IAMS_20	14 19 09.3
M24K	Tolsona, Glenn	92.40	14	P	P	13 41 10.6 -0.5
M24K	baz=206			S	S	13 52 15.3 +1.0
MSTX	Muleshoe	92.41	53	IAMS_20	IAMS_20	14 14 58.4
MSTX	Muleshoe	92.41	53	P	P	13 41 10.4 -1.5
MSTX	baz=238			S	S	13 52 17.6 +1.8
MCARA	McCarthy VSAT	92.45	15	IAMS_20	IAMS_20	14 16 58.8
MCARA	McCarthy VSAT	92.45	15	P	P	13 41 10.7 -0.6
MCARA	baz=209			S	S	13 52 16.2 +1.6
LOGN	Logan Glacier	92.45	16	IAMS_20	IAMS_20	14 17 16.8
SNOW	Snow King Moun	92.49	41	IAMS_20	IAMS_20	14 19 04.5
CTG	Chitna Glacier	92.49	16	P	P	13 41 10.8 -0.8
CTG	baz=210			S	S	13 52 16.8 +1.5
CTGM	Chitna Glacie	92.49	16	IAMS_20	IAMS_20	14 16 39.8
BARN	Barnard Glacie	92.49	16	IAMS_20	IAMS_20	14 16 38.9
WAT6	Susitna Watana	92.51	13	P	P	13 41 10.6 -1.1
WAT6	baz=205			S	S	13 52 16.2 +0.7
SDCO	Great Sand Dun	92.55	48	IAMS_20	IAMS_20	14 16 13.6
SDCO	Great Sand Dun	92.55	48	P	P	13 41 10.1 -2.5
SDCO	baz=237			S	S	13 52 19.8 +2.6
DLMT	Dillon	92.56	39	IAMS_20	IAMS_20	14 18 07.3
WAT1	Susitna Watana	92.58	12	P	P	13 41 11.1 -0.8
WAT1	baz=204			S	S	13 52 16.1 +0.3
IMW	Indian Meadow	92.63	41	IAMS_20	IAMS_20	14 19 37.3
LOHW	Long Hollow	92.66	41	IAMS_20	IAMS_20	14 19 29.1
M30	Missoula	92.72	37	P	P	13 41 12.1 -0.9
M30	comp=Z,20nm,1.3s			Iamb	Iamb	13 41 24.2
M30	comp=Z,3um,18.0s			IAMS_20	IAMS_20	14 22 14.3
M30	Missoula	92.72	37	P	P	13 41 11.4 -1.6
M30	baz=232			S	S	13 52 19.9 +2.0
KVXT	Kingsville	92.78	60	IAMS_20	IAMS_20	14 19 07.8
JCT	Junction City	92.78	57	IAMS_20	IAMS_20	14 17 59.6
JCT	Junction City	92.78	57	P	P	13 41 08.8 -4.8
JCT	baz=240			S	S	13 52 20.0 +0.9
BW06	Boulder Array	92.79	43	IAMS_20	IAMS_20	14 19 27.6
BW06	Boulder Array	92.79	43	P	P	13 41 08.4 -5.2
BW06	baz=235			S	S	13 52 21.3 +2.3
PDAR	Pinedale Array	92.79	43	P	P	13 41 13.2 -0.4
PDAR	comp=Z,4.9nm,1.1s, baz=204,slow=3.3,SNR=11			LR	LR	14 19 20.9
TRF	Thorofore Moun	92.84	11	P	P	13 41 13.2 0.0
TRF	comp=Z,2um,18.1s, baz=243,slow=33			Iamb	Iamb	13 41 23.9
TRF	comp=Z,29nm,1.1s			S	S	13 41 10.8 -2.4
TRF	baz=203			S	S	13 52 20.2 +1.9
SKAG	Skaway	92.86	19	P	P	13 41 09.0 -4.1
SKAG	baz=216			S	S	13 52 24.0 +5.7
HARP	HAARP	92.87	14	P	P	13 41 10.4 -2.8
HARP	baz=207			S	S	13 52 21.5 +3.1
TNA	Tin City	92.90	3	IAMS_20	IAMS_20	14 19 40.2
TNA	comp=Z,2um,19.0s			S	S	13 52 20.1 +1.8
J20K	Nowinta River	92.91	9	P	P	13 41 10.7 -2.5
J20K	baz=199			S	S	13 52 20.5 +2.0
CHUM	Lake Minchumin	92.91	10	P	P	13 41 10.3 -3.0
CHUM	baz=201			S	S	13 52 19.8 +1.3
T25A	Trinidad	92.95	49	IAMS_20	IAMS_20	14 15 47.4
T25A	comp=Z,2um,20.0s			P	P	13 41 09.2 -5.2
T25A	baz=238			S	S	13 52 24.2 +3.5
PB04	IPOC Station P	92.98	117	IAMS_20	IAMS_20	14 14 32.3
RND	Reindeer	93.06	12	P	P	13 41 13.7 -0.4
RND	comp=Z,32nm,1.2s			pmax	pmax	
RND	Reindeer	93.06	12	P	P	13 41 13.7 -0.4
RND	comp=Z,32nm,1.2s			Iamb	Iamb	13 41 25.2
RND	comp=Z,2um,20.0s			IAMS_20	IAMS_20	14 19 45.5
PB15	IPOC Station P	93.07	118	IAMS_20	IAMS_20	14 19 52.5
JTMT	Jette	93.11	37	IAMS_20	IAMS_20	14 21 06.5
H17A	Grant Village	93.14	41	P	P	13 41 12.1 -3.1
TIY	Taiyuan	93.20	311	eP	P	13 41 19.3 +3.9
TIY	comp=Z,550nm,11.0s			pmax	pmax	
TIY	comp=Z,740nm,15.4s			LR	LR	
TIY	comp=Z,690nm,15.5s					

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MLY	Manley	94.23	10	P	P	13 41 15.3	-4.1
MLY	Manley			S	S	13 52 30.6	+0.3
CMMT	Chiang Mai	94.23	289	P	P	13 41 22.8	+2.3
CMMT	Chiang Mai	94.23	289	P	P	13 41 22.8	+2.3
CMMT	Chiang Mai	94.23	289	P	P	13 41 22.1	+1.6
CHTO	Chiang Mai	94.24	289	P	P	13 41 22.8	+2.3
CHTO	Chiang Mai	94.24	289	P	P	13 41 22.8	+2.3
CHTO	Chiang Mai	94.24	289	P	P	13 41 22.1	+1.6
RLMT	Red Lodge	94.32	41	IAMS_20	IAMS_20	14 20 15.9	
RLMT	Red Lodge	94.32	41	P	P	13 41 17.4	-3.1
RLMT	Red Lodge			S	S	13 52 36.0	+3.7
HDA	Harding Lake	94.32	12	IAMS_20	IAMS_20	14 29 16.1	
HDA	Harding Lake	94.32	12	P	P	13 41 18.0	-1.8
HDA	Harding Lake			S	S	13 41 18.0	-1.8
HDA	Harding Lake			P	P	13 52 30.3	-0.7
HDA	Harding Lake			S	S	13 52 30.3	-0.7
CCB	Clear Creek Bu	94.38	12	P	P	13 41 19.3	-0.7
PSGAC	Pisagua	94.41	115	IAMS_20	IAMS_20	14 15 31.2	
ZEA	Zeya	94.52	330	eP	P	13 41 21.4	+0.4
ZEA	Zeya			eS	PS	13 45 06.9	
ZEA	Zeya			eS	SS	13 52 01.1	
ZEA	Zeya			eSS	SS	13 53 47.9	-2.5
ZEA	Zeya			pmax	pmax	13 58 50.6	-6.0
ZEA	Zeya			pmax	pmax		
ZEA	Zeya			pmax	pmax		
ZEA	Zeya			smax	smax		
ZEA	Zeya			smax	smax		
SCRK	Sand Creek	94.52	14	IAMS_20	IAMS_20	14 20 07.4	
SCRK	Sand Creek	94.52	14	P	P	13 41 18.1	-2.8
SCRK	Sand Creek			S	S	13 52 34.9	+1.8
I23K	Minto, Yukon-K	94.57	11	P	P	13 41 20.2	-0.7
I23K	Minto, Yukon-K	94.57	11	P	P	13 41 18.1	-2.8
I23K	Minto, Yukon-K			S	S	13 52 31.4	-1.6
K22A	Casper	94.57	44	P	P	13 41 17.5	-4.2
K22A	Casper			S	S	13 52 38.2	+3.7
TCOL	CIGO, UAF Yank	94.58	12	IAMS_20	IAMS_20	14 20 53.8	
TCOL	CIGO, UAF Yank	94.58	12	P	P	13 41 17.2	-3.7
TCOL	CIGO, UAF Yank			S	S	13 52 32.9	-0.2
TCOL	CIGO, UAF Yank			S	ScS	13 52 35.5	+1.2
COLA	College	94.58	12	iP	P	13 41 20.8	-0.1
COLA	College			pmax	pmax		
COLA	College			IAMS_20	IAMS_20	14 20 54.8	
COLA	College			P	P	13 41 16.7	-4.2
COLA	College			S	S	13 52 32.6	-0.6
MDM	Murphy Dome	94.59	11	IAMS_20	IAMS_20	14 21 25.1	
435B	Jarell	94.59	58	IAMS_20	IAMS_20	14 19 25.6	
435B	Jarell	94.59	58	P	P	13 41 17.7	-4.2
435B	Jarell			S	S	13 52 35.3	+0.4
IL31	Ilamb	94.66	12	P	P	13 41 20.8	-0.5
IL31	Ilamb			IAMS_20	IAMS_20	14 15 40.9	
ILAR	Elison Array	94.66	12	P	P	13 41 20.7	-0.7
ILAR	Elison Array			PP	PP	13 45 05.6	-4.4
ILAR	Elison Array			LR	LR	14 19 35.3	
ILAR	Elison Array			P	P	13 41 21.0	-0.4
ILAR	Elison Array			P	P	13 41 21.0	-0.4
IMAR	Indian Mountai	94.67	9	P	P	13 41 21.0	-0.3
PB11	IPOC Station P	94.70	115	IAMS_20	IAMS_20	14 15 40.9	
LPA	La Plata	94.76	133	eP	P	13 41 22.2	-0.5
LPA	La Plata			pPP	PKIKP	13 45 15.8	
LPA	La Plata			PKIKP	PKIKP	13 46 06.1	+1.0
LPA	La Plata			PKIKP	PKIKP	13 47 13.1	
LPA	La Plata			SKIP	SKIP	13 49 38.9	
LPA	La Plata			SKS	SKS	13 51 59.4	+0.9
LPA	La Plata			SKS	ScS	13 52 48.8	+1.1
LPA	La Plata			SKS	SKS	13 53 14.6	
LPA	La Plata			PS	PS	13 53 51.4	-1.7
LPA	La Plata			PSP	PSP	13 54 26.0	
LPA	La Plata			SS	SS	13 58 35.5	-5.8
POKR	Poker Plat Res	94.88	12	IAMS_20	IAMS_20	14 22 15.7	
POKR	Poker Plat Res	94.88	12	P	P	13 41 19.6	-2.7
POKR	Poker Plat Res			S	S	13 52 33.9	-1.9
PB08	IPOC Station P	94.91	116	IAMS_20	IAMS_20	14 16 54.4	
K27K	Chicken	94.98	14	IAMS_20	IAMS_20	14 20 11.4	
KSCO	Kaye Shedlock	95.13	49	P	P	13 41 18.1	-6.3
KSCO	Kaye Shedlock			S	S	13 52 42.9	+3.4
H23K	Yukon River	95.16	11	P	P	13 41 19.8	-3.8
H23K	Yukon River			S	S	13 52 37.0	-1.3
ORTG	Ortega, Santa	95.20	81	IAMS_20	IAMS_20	14 22 11.0	
CAOZ	Cobano, Puntar	95.20	82	IAMS_20	IAMS_20	14 16 44.2	
GAUH	Teguigalpa, Un	95.27	77	IAMS_20	IAMS_20	14 16 31.8	
WHTX	Lake Whitney	95.28	57	IAMS_20	IAMS_20	14 19 19.6	
WHTX	Lake Whitney	95.28	57	P	P	13 41 20.2	-4.8
WHTX	Lake Whitney			S	S	13 52 40.9	+0.2
HIA	Hialar	95.34	324	IAMS_20	IAMS_20	14 20 55.9	
HHC	Hu-ho-hao-te	95.44	313	eP	P	13 41 26.0	+0.4
HHC	Hu-ho-hao-te			SKS	SKS	13 52 01.8	+0.1
HHC	Hu-ho-hao-te			S	S	13 52 40.9	-1.1
HHC	Hu-ho-hao-te			sS	sS	13 52 49.8	+4.8
HHC	Hu-ho-hao-te			pmax	pmax		
HHC	Hu-ho-hao-te			pmax	pmax		
HHC	Hu-ho-hao-te			LR	LR		
HHC	Hu-ho-hao-te			LR	LR		
HHC	Hu-ho-hao-te			LR	LR		
H24K	Noodor Dome	95.45	11	P	P	13 41 23.6	-1.4
H24K	Noodor Dome			S	S	13 52 39.8	-1.1

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HKT	Hockley	95.52	59	IAMS_20	IAMS_20	14 25 33.4	
JACO	JACO, Garabito	95.59	82	IAMS_20	IAMS_20	14 16 02.4	
PRP	Porcupine Dome	95.59	12	IAMS_20	IAMS_20	14 22 12.6	
PRP	Porcupine Dome	95.59	12	P	P	13 41 24.7	-1.1
PRP	Porcupine Dome			S	S	13 52 43.0	+0.7
JTS	Las Juntas de	95.61	81	IAMS_20	IAMS_20	14 17 04.0	
WMOK	Wichita Mounta	95.64	54	P	P	13 41 24.2	-2.5
WMOK	Wichita Mounta			S	S	13 52 45.2	+1.3
RD0G	Red Dog Mine	95.69	5	P	P	13 41 26.9	+0.9
RD0G	Red Dog Mine			S	S	13 52 44.6	+1.8
EGMT	Eagleton	95.71	38	P	P	13 41 24.6	-2.1
EGMT	Eagleton			S	S	13 52 45.6	+1.6
EGAK	Eagle	95.83	14	IAMS_20	IAMS_20	14 20 18.0	
EGAK	Eagle	95.83	14	P	P	13 41 27.5	+0.9
EGAK	Eagle			S	S	13 52 46.3	+2.2
CD2	Chengdu	95.99	302	P	P	13 41 29.6	+1.3
CD2	Chengdu			PP	PP	13 45 23.8	+2.6
CD2	Chengdu			SKS	SKS	13 52 05.0	0.0
CD2	Chengdu			S	S	13 52 46.6	-0.5
CD2	Chengdu			pmax	pmax		
CD2	Chengdu			pmax	pmax		
CD2	Chengdu			LR	LR		
CD2	Chengdu			LR	LR		
CD2	Chengdu			LR	LR		
BILL	Bilibino	96.09	353	eP	P	13 41 28.2	+0.4
BILL	Bilibino			pmax	pmax	13 45 22.0	
BILL	Bilibino			IAMS_20	IAMS_20	14 24 27.1	
HDC	Heredia	96.22	82	IAMS_20	IAMS_20	14 16 13.2	
U32A	Winter Ranch,	96.29	52	IAMS_20	IAMS_20	14 20 47.1	
RIMA	Rio Macho	96.33	82	IAMS_20	IAMS_20	14 17 38.2	
COLD	Coldfoot	96.35	10	P	P	13 41 29.7	+0.6
COLD	Coldfoot			S	S	13 52 50.8	+2.3
237A	Washetta, Mont	96.51	57	IAMS_20	IAMS_20	14 20 54.3	
OGNE	Ogallala	96.52	47	P	P	13 41 29.6	-0.9
OGNE	Ogallala			S	S	13 52 56.9	+5.6
CVTR	Volcan Turrial	96.54	82	IAMS_20	IAMS_20	14 16 24.6	
SRBA	San Rafael, Bu	96.54	83	IAMS_20	IAMS_20	14 16 24.7	
RSSD	Black Hills	96.88	44	P	P	13 41 31.8	-0.5
RSSD	Black Hills			S	S	13 52 58.2	+3.5
BATAN	Batan	96.91	82	IAMS_20	IAMS_20	14 18 05.5	
BCOK	Bluff Creek, N	96.93	53	IAMS_20	IAMS_20	14 17 23.0	
LAO	LASA Array	96.96	41	IAMS_20	IAMS_20	14 19 11.7	
LAO	LASA Array	96.96	41	P	P	13 41 31.2	-1.2
LAO	LASA Array			S	S	13 52 57.5	+2.7
CBKS	Cedar Bluff	96.98	50	P	P	13 41 30.7	-1.9
CBKS	Cedar Bluff			S	S	13 52 59.7	+4.4
OK029	Liberty Lake	97.11	53	IAMS_20	IAMS_20	14 31 21.7	
NATX	Nacogdoches	97.26	58	IAMS_20	IAMS_20	14 21 10.2	
NATX	Nacogdoches	97.26	58	P	P	13 41 30.6	-3.4
NATX	Nacogdoches			S	S	13 53 00.9	+2.9
BMAR	Burnt Mountain	97.47	12	P	Pdf	13 41 34.3	+0.1
R03A	Long Quarter,	97.49	51	IAMS_20	IAMS_20	14 18 51.6	
OK321	S. Brethren Rd	97.62	54	IAMS_20	IAMS_20	14 31 35.3	
LPAZ	La Paz	97.74	113	P	Pdf	13 41 40.2	+2.8
LPAZ	La Paz			LR	LR	14 17 36.0	
TOLK	Toolik Lake Re	97.75	9	P	P	13 41 34.0	-1.4
TOLK	Toolik Lake Re			S	S	13 53 00.7	+0.2
441A	DeRidder	97.92	60	IAMS_20	IAMS_20	14 22 19.7	
EPYK	Eagle Plains	98.17	15	IAMS_20	IAMS_20	14 22 09.9	
EPYK	Eagle Plains	98.17	15	P	P	13 41 35.9	-1.4
EPYK	Eagle Plains			S	S	13 53 05.5	+1.3
TUL1	Leonard	98.35	54	P	P	13 41 36.1	-2.7
TUL1	Leonard			S	S	13 53 09.8	+2.8
LZH	Lanzhou	98.35	306	eP	Pdf	13 41 42.8	+3.7
LZH	Lanzhou			pP	pP	13 41 45.8	-2.1
LZH	Lanzhou			SKS	SKS	13 52 18.0	+0.8
LZH	Lanzhou			pmax	pm		

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like W50A Signal Mountai, TIXI Tiksi, U49A Red Boiling Sp, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DELO Deloro Mine, WUPA West Chester U, PLVO Plevna, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SOC, IDID Dridzalis, ISAL Satakas, etc.

Table with columns: GRF, comp-Z, IAMS, IAMS, 15 06 38.6, etc. Includes stations like Grafenberg, Kasperke Hory, Maredsous, etc.

KMA 14 13:40:52.0±0.33'28N;127.04E,h20km±2km, Error ellipse: s-maj=5.0km s-min=2.0km az=166.0, South Korea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Seongsanpo, Jeju, Jeogwipo, etc.

NOU 14 13:43:10.7, 27.38S; 175.14W, h31km, MLv5.8/38, Kermadec Islands Region

IDC 14 13:43:11.7, 0.5, 27.13S; 176.18W, h0km, mb4.6/18, mb1.4/8.20, mb1mx4.8/26, mbtmp4.6/20, ML5.3/2, MS4.8/4, Ms1.4/8.4, ms1mx4.4/29, Error ellipse: s-maj=17.4km s-min=15.6km az=131.0

NEIC 14 13:43:12.8, 1.9, 27.08S; 0.07x176.0W; 0.1, h10km, 1km, mb5.2/76, Error ellipse: s-maj=16.1km s-min=11.3km az=108.0

MOS 14 13:43:12.2, 1.0, 27.10S; 176.21W, h12km, mb5.2/18, Error ellipse: s-maj=11.0km s-min=9.2km az=71.6

GCMT 14 13:43:16.8, 0.3, 27.12S; 0.03x175.60W; 0.02, h20km, 1km, MW5.1/10.4, Moment Tensor Solution, s29, c35; s104,c150; Duration: 0. Moment tensor: Scale 10^16Nm; Mn:4.7±.29; Mw:0.72±.16; Ms:3.75±.18; Ms1:2.9±.31; Mw-1.01±.08; Mw3.35±.28; Best double couple: Mw5.570000x10^16 NP1.0x195.00000°, δ25.00000°, λ86.00000°. NP2.0x19.00000°, δ65.00000°, λ92.00000°. Principal axes: T 5.7810, Plg70.0000°, Azm293.0000°; N -0.4250, Plg2.0000°, Azm199.0000°; P -5.3600, Plg20.0000°, Azm108.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

BJJ 14 13:43:16.3, 0.0, 26.90S; 175.35W, h45km, mb5.8/19, mb5.2/27, Ms5.1/11, Ms7.5/21

ISC 14 13:43:16.2, 0.3, 27.27S; 0.05x176.15W; 0.06, h33km, n346, r162/341, mb5.1/66, MS5.2/8, 3C-4D, Kermadec Islands region

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

Main table with columns: RAR, Rarotonga, 16.11 72 Pn Pn, 13 46 44.5 -16, etc. Includes stations like Rarotonga, Rarotonga, Rarotonga, etc.

Main table with columns: PLAI, Plampang, 64.77 273 P P, 13 53 51.2 -0.7, etc. Includes stations like Plampang, Plampang, Plampang, etc.

ELDTW Lidau	1.05 251	↑P	Pn	13 44 30.4	-0.1
ELDTW			Sn	13 44 42.8	-1.5
FUSS Pushou	1.06 312	↑P	Pn	13 44 31.0	+0.3
FUSS			Sn	13 44 43.5	-1.2
SSLB Suanglung	1.08 284	↑P	Pn	13 44 31.0	+0.2
SSLB			Sn	13 44 44.4	-0.5
LONT Longtian	1.09 235	P	Pn	13 44 30.9	0.0
LONT			Sn	13 44 44.0	-1.1
TWC Suao	1.09 348	↑P	Pn	13 44 31.5	+0.5
TWC			Sn	13 44 45.0	-0.1
TWT Tachien	1.11 310	P	Pb	13 44 32.0	-0.2
TWT			Sn	13 44 45.0	-0.7
NNS Nan Shan	1.12 324	↑P	Pn	13 44 31.6	+0.1
NNS			Sn	13 44 45.4	-0.6
TDCB Tech	1.12 310	↑P	Pn	13 44 32.0	+0.5
TDCB			Sn	13 44 45.0	-1.0
SMLT Sun Moon Lake	1.15 288	↑P	Pn	13 44 32.5	+0.6
SMLT			Sn	13 44 47.1	+0.3
WHYT Xinyi Township	1.15 278	P	Pb	13 44 32.8	-0.1
WHYT			Sn	13 44 46.9	+0.2
TTN Taitung	1.17 229	eP	Pn	13 44 32.4	+0.4
TTN			Sn	13 44 46.8	-0.3
TWGBT Beinan	1.18 233	↑P	Pn	13 44 32.1	0.0
TWGBT			Sn	13 44 46.5	-0.8
TWG Pinlang	1.18 233	↑P	Pn	13 44 32.1	-0.1
TWG			Sn	13 44 46.5	-0.9
ALS Alishan	1.19 269	↑P	Pb	13 44 33.6	0.0
ALS			Sn	13 44 48.7	0.0
NDT Datong Townshi	1.19 333	P	Pn	13 44 32.9	+0.6
NDT			Sn	13 44 47.2	-0.4
JYNG Yonagunijimaku	1.20 40	P	Pn	13 44 33.0	+0.6
JYNG			Sn	13 44 47.9	+0.2
WCS Beigang Elemen	1.21 296	↑P	Pb	13 44 33.3	-0.4
WCS			Pn	13 44 33.6	+0.6
YOJ Yonaguni jima	1.25 42	P	Pn	13 44 48.8	-0.1
YOJ			Sn	13 44 33.8	+0.7
YOJ			Sn	13 44 48.7	-0.1
TWE Neicheng	1.25 342	P	Pn	13 44 33.7	+0.7
TWE			Sn	13 44 49.1	+0.2
ILA ilan	1.27 345	eP	Pb	13 44 34.8	0.0
ILA			Sb	13 44 50.5	-0.1
STYH Taoyuan	1.27 254	P	Pn	13 44 34.1	+0.7
STYH			Sn	13 44 49.1	-0.3
WHP Taichung City	1.29 305	P	Pb	13 44 34.9	-0.3
WHP			Sn	13 44 49.7	-0.4
WJS Zhushan	1.29 283	eP	Pb	13 44 35.4	+0.3
WJS			Sb	13 44 51.9	+0.6
CHNS Tsauling	1.30 273	P	Pb	13 44 35.6	+0.1
CHNS			Sb	13 44 52.0	+0.2
YHNB Yeheng	1.31 330	P	Pn	13 44 34.5	+0.5
YHNB			Sn	13 44 49.7	-0.9
EGS			Pb	13 44 35.1	-0.4
EGS			Sn	13 44 51.1	+0.5
NSK Sanguang	1.32 329	↑P	Pn	13 44 34.6	+0.4
NSK			Sn	13 44 50.3	-0.7
NTC Toucheng	1.34 349	P	Pn	13 44 35.1	+0.8
NTC			Sb	13 44 52.3	-0.3
WNT Mingjian	1.34 285	↑P	Pb	13 44 36.4	+0.4
WNT			Sb	13 44 54.2	+1.4
TPUB Ta-pu	1.37 261	eP	Pb	13 44 36.4	-0.1
TPUB			Sb	13 44 53.6	0.0
WTP Ta-pu	1.39 258	↑P	Pb	13 44 36.8	-0.2
WTP			Sn	13 44 54.3	-0.1
ECL Taimali	1.41 229	P	Pn	13 44 34.9	-0.3
ECL			Sn	13 44 51.5	-1.4
TCU Taichung	1.44 295	eP	Pb	13 44 38.1	+0.4
TCU			Sb	13 44 57.2	+1.6
WDLH Douliu	1.44 276	eP	Pb	13 44 37.8	+0.1
WDLH			Sb	13 44 56.2	+0.6
SLGT Liugui	1.44 248	P	Pb	13 44 37.4	-0.3
SLGT			Sb	13 44 55.0	-0.7
TIPB Shuangxi	1.45 350	P	Pn	13 44 37.2	-0.8
TIPB			Sn	13 44 54.4	+0.3
TWQ1 Liyutan	1.46 304	↑P	Pb	13 44 38.1	+0.1
TWQ1			Sb	13 44 56.3	+0.1
SGST Jiashian	1.46 252	P	Pb	13 44 38.0	-0.1
SGST			Sn	13 44 57.3	+1.0
TWB1 Santiao Chiao	1.47 356	P	Pn	13 44 36.8	+0.7
TWB1			Sn	13 44 54.6	+0.1
NSTT Nanjuang	1.48 318	eP	Pb	13 44 38.0	-0.5
NSTT			Sn	13 44 55.5	+0.7
CHN1 Nanshi	1.48 257	P	Pb	13 44 38.4	0.0
CHN1			Sb	13 44 58.3	+1.4
CHN2 Minshiang	1.49 270	eP	Pn	13 44 37.5	+1.1
CHN2			Sb	13 44 58.3	+1.3
TWK Hsiinying	1.50 260	P	Pb	13 44 38.6	-0.2
TWK			Sb	13 44 57.2	-0.3

NSY Sanyi	1.51 306	P	Pb	13 44 38.8	0.0
NSY			eS	13 44 57.1	-0.4
WCHH Zhanyhua	1.51 291	P	Pb	13 44 38.9	0.0
WCHH			Sb	13 44 58.7	+1.0
TWA Mucha	1.51 342	P	Pb	13 44 38.6	-0.4
TWA			Sn	13 44 56.6	+1.0
NHHD Xindian Distri	1.52 340	eP	Pn	13 44 38.0	+1.3
NHHD			eS	13 44 56.0	+0.4
CHY Chiayi	1.54 269	P	Pb	13 44 39.4	+0.1
CHY			Sb	13 44 58.4	0.0
NMLH Miaoili	1.56 310	eP	Pb	13 44 39.0	-0.7
NMLH			eS	13 44 58.6	-0.4
NWF Wu-fen Shan	1.56 349	↑P	Pn	13 44 38.8	-0.9
NWF			Sn	13 44 57.2	+0.4
SSD Sandimen	1.56 240	P	Pn	13 44 38.4	+1.0
SSD			eS	13 44 59.1	0.0
WDJ Dajia District	1.56 302	eP	Pb	13 44 39.5	-0.2
WDJ			eS	13 44 58.9	-0.2
LAY Lan-yu	1.57 199	eP	Pn	13 44 36.9	-0.7
LAY			Pn	13 44 38.9	+1.1
MSB Majia	1.57 239	eP	Pn	13 44 39.6	-0.4
WTK Tuk	1.58 276	eP	Pb	13 44 39.6	-0.4
WTK			eS	13 44 59.3	-0.2
SCST Cishan	1.61 247	eP	Pb	13 44 40.1	-0.5
SCST			Sb	13 45 01.4	+0.9
SBCB Hsinchu	1.61 321	eP	Pb	13 44 40.6	0.0
SBCB			eS	13 45 00.4	-0.2
WRL Guolierlin Hig	1.62 283	P	Pb	13 44 40.7	0.0
WRL			S	13 45 01.7	+0.9
EAST Anshuo	1.62 225	↑P	Pn	13 44 38.4	+0.1
EAST			eS	13 44 57.1	-1.2
MASBT Mashibuluo	1.63 236	P	Pn	13 44 38.9	+0.5
MASBT			eS	13 45 01.8	+0.6
HATJ Hateruma jima	1.65 71	P	Pn	13 44 39.3	+0.7
HATJ			Sb	13 44 58.9	+0.1
NCUH Zhongli	1.65 330	eP	Pb	13 44 40.3	-1.0
NCUH			eS	13 45 00.0	+1.0
CHN3 Shinhua	1.66 254	eP	Pb	13 44 42.7	+1.3
CHN3			eS	13 45 03.8	+2.0
YM01 YM01	1.68 343	eP	Pb	13 44 40.6	-1.1
YM01			eS	13 44 59.5	-0.1
ICHU Yijhu	1.68 264	eP	Pb	13 44 41.0	-0.8
ICHU			Sb	13 45 02.1	-0.3
SGLT Jiouru	1.69 242	eP	Pb	13 44 42.7	+0.9
SGLT			Pn	13 44 40.2	+1.0
IRIF Iriomote-Funau	1.69 62	P	Pn	13 45 00.5	+0.5
IRIF			Sb	13 44 41.5	-1.1
WSF Szu	1.72 274	eP	Pb	13 45 02.8	-1.0
WSF			S	13 45 02.8	-1.0
ANP Anpu	1.73 342	eP	Pb	13 44 41.9	-0.7
ANP			Pb	13 44 41.6	-1.0
NTST Danshui	1.73 340	eP	Pb	13 45 01.8	+1.0
NTST			eS	13 44 41.9	-1.0
CHNB Yiju	1.74 264	P	Pb	13 45 03.8	-0.5
CHNB			Sb	13 45 03.8	-0.5
SSPT Xinbi	1.75 234	eP	Pn	13 44 41.9	+1.8
SSPT			Pn	13 44 40.5	+0.2
SLIU Shizi	1.78 223	P	Pn	13 45 05.1	-0.5
SLIU			Sb	13 45 05.1	-0.5
SCLT Jiaili	1.79 259	eS	Pn	13 44 41.9	+1.4
SCLT			eS	13 45 04.7	-0.8
SCZT Fangliang	1.79 230	eP	Pn	13 44 41.9	+1.4
SCZT			Sb	13 44 41.8	-0.8
TWY Chenhua	1.79 345	eP	Pb	13 45 01.1	+1.2
TWY			eS	13 45 03.8	+1.4
SNJT Kaohsiung City	1.80 245	eP	Pb	13 44 44.4	+0.6
SNJT			eS	13 45 06.5	+0.6
JKRS Kuro-shima	1.88 68	P	Pn	13 44 42.8	+1.0
JKRS			Sn	13 45 05.3	+0.6
TSEB Hengchuen, Pin	1.97 214	eP	Pb	13 44 45.3	-1.4
TSEB			eS	13 45 08.7	+1.9
TWKBT Hengchun	1.98 217	eP	Pn	13 44 43.7	+0.5
TWKBT			eS	13 45 06.9	-0.2
TWK1 Hengchun	1.98 217	eP	Pn	13 44 44.1	+0.9
TWK1			eS	13 45 07.6	+0.5
JIJ Ishigaki jima	2.04 66	P	Pn	13 44 44.4	+0.4
JIJ			S	13 45 08.1	-0.5
PCYT Pengchayiu	2.09 359	eP	Pn	13 44 45.2	+0.6
PCYT			Pn	13 44 47.5	+0.3
JISG Ishigakijimahi	2.28 62	P	Pn	13 45 13.1	-1.3
JISG			Sn	13 44 49.2	+1.4
PHUB Peng-hu	2.32 270	P	Pn	13 45 15.8	+0.4
PHUB			Sn	13 44 49.5	+1.4
PNG Penghu	2.33 271	↑P	Pn	13 45 16.1	+0.3
PNG			Sn	13 44 51.0	+1.0
VCHM Oimei	2.47 263	eP	Pn	13 45 18.4	-0.8
VCHM			Sn	13 45 18.4	-0.8
JTJ Tarama	2.62 65	P	Pn	13 44 52.6	+0.6
JTJ			S	13 45 22.9	0.0
VWUC VWUC	2.82 301	eP	Pn	13 44 55.1	+0.4
VWUC			S	13 45 25.3	-2.5
JIRB Iwabushi	3.09 65	P	Pn	13 44 59.1	+0.7
JIRB			Sn	13 45 33.2	-1.2
PTMZ Houxiangcun	3.10 299	eP	Pn	13 44 59.1	+0.5
PTMZ			eS	13 45 32.0	-2.7
JMJ2 Miyako jima3	3.19 67	P	Pn	13 45 00.5	+0.8
JMJ2			Sn	13 45 36.7	-0.1
JIKM Ikumajima	3.19 64	S	Pn	13 45 35.9	-1.0
JIKM			Sn	13 44 59.1	+0.5
JOGS Gsusukube	3.26 67	eP	Pn	13 45 38.4	-0.2
JOGS			eS	13 45 38.4	-0.2

KNMB Chin-men Tao	3.52 286	eP	Pn	13 45 04.9	+0.6
ATH 14 13:46:05.8, 38°33'N-23°31'E, h12km, 1km, ML2.7/13, Error ellipse: s-maj=1.7km s-min=0.6km az=60.0					
THE 14 13:46:05.5, 38°33'N-23°32'E, h9km, ML2.7/12, Error ellipse: s-maj=1.0km s-min=0.4km az=125.0					
ISC 14 13:46:05.6, 0.9, 38°33'N-23°32'E, 0.02, h14km, 7km, n44, c050777, Greece					
Code Station Name	Δ° AZ°	Phase ID	Time Res	ISC	ISC
ALNA Alonissos	0.22 10	Op P	13 46 11.0	+0.5	
ALNA		Op S	13 46 14.1	+0.3	
ALNA		Op AML	13 46 15.6		
ALNA	comp=E,8674um,0.5s	Op AML	13 46 17.6		
KYMI Kymi, Euboea I	0.37 143	P S	13 46 12.3	-0.8	
KYMI	comp=N,13740um,0.6s	Op S	13 46 18.3	+0.1	
KYMI	comp=N,345nm,0.3s	Op S	13 46 12.9	-0.2	
KYMI	comp=N,345nm,0.3s	Op S	13 46 18.1	-0.1	
KYMI	comp=E,697um,0.2s	Op AML	13 46 24.1		
KYMI	comp=N,665um,0.4s	Op AML	13 46 24.6		
EREA Eretria	0.52 170	P S	13 46 15.3	-0.6	
EREA	comp=N,742nm,0.3s	Op S	13 46 23.1	+0.3	
EREA Eretria	0.52 170	P S	13 46 15.3	-0.6	
EREA	comp=N,1716um,0.4s	Op AML	13 46 22.9	+0.1	
EREA	comp=N,1716um,0.4s	Op AML	13 46 28.3		
EREA	comp=N,1716um,0.4s	Op AML	13 46 29.6		
SKY Skiros Island	0.57 95	P S	13 46 16.4	-0.5	
SKY	comp=E,1489um,0.4s	Op S	13 46 25.1	+0.5	
SKY	comp=E,1um,0.2s	Op S	13 46 16.5	-0.5	
SKY	comp=N,2925um,0.2s	Op S	13 46 25.0	+0.5	
SKY	comp=E,1718um,0.2s	Op AML	13 46 27.8</		

14d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PNHZ Pukenui, PXZ Pawanui, KRHZ Kereru, etc.

SOME 14 13:48:24.1, 36.30N, 73:55E, h0km, MS4.3
NDI 14 13:48:26.4, 2.8, 34.82N, 72:61E, h15km, 346km, ML4.4, mb4.5(NIC)

ISC 14 13:48:30.8, 0.3, 34.71N, 0:04, 73:15E, 0:04, h35km, n160, z=203/172, mb4.4/49, I-C2D, Pakistan

Main table of station data for the 14d 14h period, listing station names, coordinates, and various parameters.

2015 AUG

Main table of station data for the 2015 AUG period, listing station names, coordinates, and various parameters.

766

Table of station data for the 766 period, including stations like ILAR Eielson Array, DBIC Dimboko, etc.

IDC 14 14:04:08.6, 1.2, 7:71S; 103:79E, h0km, mb3.8/7, mb1.3/9.8, mb1mx3.7/38, mbtm3.6/8, ML3.9/1, Error ellipse: s-maj=48.6km s-min=17.8km az=51.0

ISC 14 14:04:09.5, 0.8, 7:59S; 0:08, -103:81E, 0:09, h10km, n42, z=154/42, mb4.0/12, Southwest of Sumatera

Main table of station data for the 766 period, listing station names, coordinates, and various parameters.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like Cerro Bola, Osito Audit, Green Verdugo, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like Mina Array Sit, Parker Dam, Macdoel, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like Rabbit Creek A, Port Wells, White Mountain, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CMAR, CM15, H17A, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KSH, H62A, I63A, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes stations like KECS Kecov, MORC Moravsky Berou, BRG Berggiesshubel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes stations like MNI Manado, MPRI Marisa, AMPSI Ampana, etc.

SKO 14 14:38:21.7, 40.91'N-23.20'E, h15km
THE 14 14:38:23.8, 40.87'N-23.27'E, h15km, ML2.5/5, Error
ellip: s-maj=1.1km s-min=0.6km az=309.0

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

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

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

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

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

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

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

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

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

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

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

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

IDC 14 14:40:19.8, 1.3, 1.53'N-96.91'E, h0km, mb3.9/9,
mb1.4/0.10, mb1mx3.8/36, mbtmp3.9/10, ML3.8/1, MS4.5/2,
Ms1.4/5.2, ms1mx3.4/55, Error ellipse: s-maj=42.3km
s-min=2.1, km az=52.0

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

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

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

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

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

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

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

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

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

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

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

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

DJA 14 14:28:39.8, 0.4, 0.0'N-4.12'E, h79km, 16km, M4, 1/10,
mb4.5/3, ML3.9/10
IDC 14 14:28:59.7, 18.0, 0.36'S-125.01'E, h250km, 150km,
mb2.8/3, mb1.7, 3.0/3, mb1mx2.7/28, mbtmp3.4/3, Error
ellip: s-maj=24.1, s-min=9.0, km az=67.0

ISC 14 14:28:0.0, 1.0, 0.04'S-0.07'E, 0.04, h100km, n13,
c139/17, mb3.1/3, Southern Molucca Sea

TAP 14 14:42:20.7, 22.52'N-120.99'E, h17km, ML3.5, 15C-7D, B,
Taiwan

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ZKR, FRMA, STIA, NPS, HRKL, KARP, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DUGI, UDBI, NRCA, KEST, KWP, STAL, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like JTM, PATS, KRSR, H1N1, H1N2, etc.

MAN 14 15:38:08.0, 13°63'N-120°30'E, h15km, mb3.5, ML2.2, MS1.6, Mindoro

NEIC 14 15:43:36.6:1.6, 15°3'N:0°1'146'E:0.1, h60km, 7km, mb4.4/1, Error ellipse: s-maj=17.0km s-min=14.7km az=105.0

IDC 14 15:36.7:3.4, 15°23'N:146°20'E, h44km, 32km, mb3.5/9, mb1.3/7.10, mb1mx3.5/45, mbtmp3.7/10, ML3.8/1, Error ellipse: s-maj=29.7km s-min=18.2km az=87.0

ISC 14 15:43:35.0:0.6, 15°31'N:0°07'146E:0.1, h50km, n34, s-178°29, mb4.0/1.5, Mariana Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like GUMO, INU, JMU, etc.

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like PSET, CMLA, NBMO, LGNH, etc.

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like PTCG, YLE, J63A, V61A, etc.

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like LBNH, F62A, LUPA, T59A, etc.

14d 18h

Table with columns: IAMS_20, IAMS_20, 18 21 03.3, IAMS_20, IAMS_20, 18 20 39.8, -1.8, etc. Lists various locations like Lake Ozonia, Standing Stone, Scipio Center, etc.

Table with columns: PLEVNA, PLEVNA, 35.14 320, P, P, 18 09 54.2, -2.1, etc. Lists various locations like Deloro Mine, Appleton, Titron, etc.

Table with columns: V51A, Williamsport, 36.73 308, P, P, 18 10 08.3, -1.7, etc. Lists various locations like Ashland, Cooper Cave, Vaqueiros, etc.

Table with columns for station ID, call letters, frequency, and other details. Includes stations like I49A, RIMA, RIOS, CLTN, LRAL, MDT, etc.

Table with columns for station ID, call letters, frequency, and other details. Includes stations like OXF, Y45A, HALT, GLAT, HICK, HQIL, etc.

Table with columns for station ID, call letters, frequency, and other details. Includes stations like I40A, U40A, G40A, HUEH, MIAR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SSB Saint Sauveur, CROK Carrier, CTEI Djebl Teioual, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BFO Black Forest, BFO Black Forest, BFO Black Forest, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FLTG Flechtingen, MANZ Manzenberg, FFC Filin Flon, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like PDMCI Parker Dam, Lak, SUW Suwalki, G005 Huala, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like APE Apeiranthos, APE Apeiranthos, SANT Santorini, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like AKKB Malin Array Si, AKKB Malin Array Si, OSI Osio Audit: C, etc.

14d 18h

Table with columns: SEW, Seward, 78.56 330, Iamb, Iamb, 18 15 06.5, ...

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Table with columns: UNV, Unalaska Valle, 89.73 329, P, P, 18 16 00.9 +0.1, ...

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Table with columns: NJ2, comp=Z,400nm,19.1s, LR, LR, ...

Code Station Name A° AZ° Phase ID Time Res
CEVE Cerro Verde 0.99 52 IAML Op ISC 18 26 44.7

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like EDPN, Palmar Norte, CDITO, Canoas, etc.

0.5nm,0.4s,baz=111,slow=8.8,SNR=19
NEIC 14 21:02:25.4z:1.0,22:1N:0.1:144:6E:0.2,h105km,9km,
mb4.0/14, Error ellipse: s-maj=21.6km s-min=14.3km
az=64.0

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like LCAIR, Lake Charles, TRNDA, Trinidad, etc.

IDC 14 20:09:47.4z:2.5,27:27N:97:98E,h0km,mb3.6/3,
mb1 3.9/3,mb1mx3.4/28,mbtmp3.6/3, Error ellipse:
s-maj=360.0km s-min=29.5km az=57.0, Myanmar-India
border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JGF, Kuroka, JWF, Wachi, etc.

SJA 14 21:14:31.9z:0.5,24:34S:67:06W,h195km,3km,ML4.4,
MW4.0
IDC 14 21:14:32.5z:1.2,24:25S:66:92W,h174km,13km,mb3.2/2,
mb1 3.3/8,mb1mx3.2/41,mbtmp3.7/8, Error ellipse:

TUL 14 20:34:14.8z:1.1,36:151N:0:004:97:50W:0.02,h5km,4km,
ML2.8,mb_Lg2.4/32(NEIC), Error ellipse: s-maj=1.9km
s-min=1.0km az=80.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSR, Korea Arry, KSA, Wonju Arry, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SLA, San Lorenzo, SFA, Cafayete, etc.

NEIC 14 20:34:14.8z:1.1,36:151N:0:004:97:50W:0.02,h5km,4km,
Error ellipse: s-maj=2.0km s-min=0.6km az=76.0,
Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMKA, Amchitka, CTAO, Charters Tower, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK029, Liberty Lake, OK029, Bluff Creek, N, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK031, Westminister Rd, OK025, Westminister Rd, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK032, Salt Plains WL, OK032, Salt Plains WL, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK033, South Haven SW, OK033, South Haven SW, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB14, IPOC Station P, PB14, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK034, Caldwell West, OK034, Caldwell West, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TUL 14 21:06:10.8z:1.0,36:82N:0:01:97:71W:0.02,h5km,6km,
ML2.9,mb_Lg2.5/36(NEIC), Error ellipse: s-maj=2.1km
s-min=0.7km az=50.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB09, IPOC Station P, PB09, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK035, Salt Plains WL, OK035, Salt Plains WL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEIC 14 21:06:11.2z:0.9,36:81N:0:01:97:71W:0.02,h5km,5km,
Error ellipse: s-maj=2.0km s-min=1.6km az=73.0,
Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB10, IPOC Station P, PB10, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK036, Blackwell, OK036, Blackwell, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G002, Grant County #, G002, Grant County #, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB10, IPOC Station P, PB10, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK037, Westminister Rd, OK037, Westminister Rd, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like W39A, Magazine, W39A, Magazine, etc.

TUL 14 21:25:40.6z:2.1,36:83N:0:03:97:80W:0.05,h0km,3km,
ML4.4,mb4.1/84(NEIC),mb_Lg4.4/161(NEIC),
Mw4.1,1/36(NEIC), Error ellipse: s-maj=5.7km s-min=4.1km
az=86.0
ANF 14 21:25:40.9z:0.6,36:83N:97:82W,h0km,5km,ML5.4/31,

14d 21h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like W45A Hickory Valley, UTMT University of Oxford, OXF Oxford, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like TXAR Lajitas Array, TXAR Paradox Valley, TXAR Westwonger Mesa, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like NLU North Lily Min, U15A North Rim, LAO LASA Array, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TMTI Ternate, KNRA Kunuru, and various local stations.

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JSU, SRDT, LOEI, and various international stations.

KSRS	comp=Z,4.4nm,0.7s,baz=180,slow=4.2,SNR=5.8	ScP	22 17 11.3 +1.2
KSRS	comp=Z,4.5nm,0.8s,baz=142,slow=5.5,SNR=1.9	LR	22 30 49.5
KS19	comp=Z,59nm,20.5s,baz=168,slow=37	LR	22 11 40.8 +0.6
KS19	Wouju Array S1	I Amb	22 11 42.3
INCN	comp=Z,28nm,0.6s	P	22 11 41.0 +0.1
INCN	Inchon	P pmax	
INCN	comp=Z,46nm,0.7s	P pmax	
INCN	Inchon	I Amb	22 11 41.0 +0.1
JSD	comp=Z,46nm,0.7s	P	22 11 47.2 +0.1
JMM	Sado	P	22 11 49.1 +0.2
XAN	Marumori	P	22 11 52.8 -0.4
XAN	Xi'an	pP pmax	22 12 07.9 +0.5
CD2	comp=Z,79nm,1.0s	P	22 11 52.9 -0.5
CD2	Chengdu	P pmax	
CD2	comp=Z,140nm,1.0s	LR	
CD2	comp=Z,290nm,15.1s	LR	
JTM	comp=Z,260nm,15.2s	LR	
BJI	Tenmabayashi	P	22 12 10.8 -0.7
BJI	Beijing	P	22 12 15.3 +0.2
BJI		PcP	22 13 40.4 +1.5
SNY	comp=Z,120nm,0.8s	P	22 12 17.3 +0.3
SNY	Shenyang	sP pmax	22 12 40.0 +2.4
SNY	comp=Z,40nm,0.6s	pmax	
SNY	comp=Z,95nm,4.3s	pmax	
SNY	comp=Z,120nm,19.0s	LR	
SNY	comp=Z,120nm,22.9s	LR	
MSHR	comp=Z,120nm,19.6s	LR	
MSHR	Mys Shuitsea	49.35 360ceP	22 12 20.0 +1.3
LZH	comp=Z,37nm,0.9s	P	22 12 25.1 +0.7
LZH	Lanzhou	pP	22 12 39.9 +1.0
LZH		sP	22 12 45.8 +0.5
LZH		PcP	22 13 44.8 +1.2
LZH		S	22 19 29.3 -2.2
LZH		SS	22 19 52.0 -5.5
LZH		SS	22 22 59.3 -6.2
LZH	comp=Z,89nm,1.2s	pmax	
LZH	comp=Z,370nm,4.3s	pmax	
LZH	comp=Z,1µm,13.6s	LR	
LZH	comp=Z,1µm,15.2s	LR	
LZH	comp=Z,1µm,14.6s	LR	
LBZ	comp=Z,1µm,15.2s	LR	
LBZ	Lake Benmore	50.30 144	22 12 26.2 +0.2
LBZ		I Amb	22 12 53.5
CN2	comp=Z,79nm,1.2s	P	22 12 26.5 -0.6
CN2	Eniwo	P	22 12 28.9 -0.3
CN2	Changchun	S	22 19 43.5 +1.5
CN2	comp=Z,30nm,0.8s	pmax	
CN2	comp=Z,100nm,3.0s	pmax	
CN2	comp=Z,100nm,18.0s	LR	
CN2	comp=Z,100nm,18.0s	LR	
CN2	comp=Z,100nm,18.0s	LR	
USA0B	comp=Z,100nm,19.0s	LR	
USA0B	Ussuriysk Arra	50.97 1	22 12 31.2 +0.2
USA0B	comp=Z,45nm,0.9s	P	22 12 31.2 +0.2
USA0B	Ussuriysk Arra	I Amb	22 12 32.9
USRK	comp=Z,45nm,0.8s	P	22 12 31.8 +0.8
USRK	Ussuriysk Ar	50.97 1	22 12 31.7 +0.7
HHC	comp=Z,40nm,0.8s,baz=182,slow=7.3,SNR=94	P	22 12 32.0 +0.7
HHC	Hu-ho-hao-te	50.98 341	
HHC		eP	
HHC	comp=Z,60nm,1.0s	pmax	
HHC	comp=Z,78nm,6.6s	pmax	
TUWZ	comp=Z,78nm,6.6s	pmax	
MDJ	Tuamarina	51.00 139	22 12 32.0 +0.6
MDJ	Mudanjiang	51.41 358	22 12 35.1 +0.8
MDJ		sP	22 12 55.8 +0.3
MDJ		pmax	
MDJ	comp=Z,54nm,0.9s	P	22 12 34.4 +0.1
MDJ	Mudanjiang	I Amb	22 12 36.3
BKZ	comp=Z,48nm,0.9s	P	22 12 36.0 -0.3
BKZ	Black Stump Fm	I Amb	22 12 39.2
URZ	comp=Z,35nm,0.9s	LR	
URZ	Urewera	51.70 134	22 37 29.2
ASAJ	comp=Z,157nm,18.1s,baz=304,slow=39	LR	
ASAJ	Asahikawa	51.89 10	22 12 37.9 0.0
JKA	comp=Z,49nm,0.7s	P	22 12 37.9 0.0
JKA	Kamikawa-asahi	I Amb	22 12 40.0
TEY	comp=Z,49nm,0.7s	P	22 12 39.7 +0.9
TEY	Ternei	52.02 5	22 13 51.9
TEY		iP	
TEY		e	
TEY	comp=Z,100nm,1.7s	pmax	
TEY	comp=N,30nm,0.8s	pmax	
TEY	comp=E,10.0nm,0.8s	pmax	
TEY		pmax	
LSA	comp=Z,50nm,0.8s	P	22 12 48.8 +0.9
LSA	Lhasa	P pmax	
LSA	comp=Z,220nm,0.7s	P	22 12 48.4 +0.5
LSA	Lhasa	I Amb	22 12 49.2
ODAN	comp=Z,38nm,0.7s	P	22 12 55.8 -0.3
ODAN	Odaire	54.27 310	
TAPN	comp=Z,208nm,0.6s	eP	22 12 56.0 -0.3
TAPN	Taplejung	54.29 311	
GTA	comp=Z,253nm,0.7s	P	22 12 59.3 +1.0
GTA	Gaotai	pP	22 13 11.0 -1.9
GTA		sP	22 13 19.3 +0.1
GTA		PcP	22 14 02.6 +1.9
GTA		pmax	
GTA	comp=Z,88nm,1.0s	pmax	
GTA	comp=Z,130nm,4.7s	LR	
GTA	comp=Z,130nm,16.0s	LR	
GTA	comp=Z,140nm,16.0s	LR	
GTA	comp=Z,250nm,18.9s	LR	
YSS	comp=Z,250nm,18.9s	LR	
YSS	Yuzh-Sakhalins	54.67 10ceP	22 12 59.2 +1.0
YSS		eS	22 20 34.8 +0.9
YSS	comp=Z,80nm,0.7s	pmax	
YSS	comp=Z,100nm,4.4s	pmax	
YSS	comp=Z,100nm,18.0s	MLR	
YSS	Yuzh-Sakhalins	54.67 10	22 12 58.5 +0.2
RAMN	comp=Z,100nm,18.0s	P	22 13 00.9 +0.1
RAMN	Ramite	54.92 310	22 13 05.4 -0.4
JIRN	comp=Z,146nm,0.5s	eP	22 38 15.4
KLR	comp=Z,34nm,18.1s,baz=166,slow=37	LR	
KLR	Kul'dur	56.00 0	22 13 08.5 +0.7
KLR		LR	
KLR		0ceP	
KLR		pmax	
KLR	comp=Z,48nm,0.9s	P	22 13 09.2 -0.5
KLR	Pulchoki	56.15 310	
KLR		eP	
KLR	comp=Z,112nm,0.6s	P	

PKIN	Phulchoki	56.16 310	eP	P	22 13 09.1 -0.6
PKIN	comp=Z,111nm,0.6s				
KKN	Kakani	56.36 310	eP	P	22 13 10.8 -0.3
KKN	comp=Z,125nm,0.7s				
DGN	Dama	56.40 310	eP	P	22 13 11.2 -0.2
UML	Ulgjegorsk	56.63 8	eS	P	22 13 13.9 +1.6
UGL				S	22 20 53.7 -6.3
UGL	comp=Z,350nm,1.1s			pmax	
UGL	comp=Z,240nm,1.0s			pmax	
HIA	Hailar	56.95 351	P	P	22 13 14.2 -0.4
HIA				pmax	
HIA	comp=Z,11nm,0.5s			P	22 13 14.2 -0.4
HIA	Hailar	56.95 351	I Amb	P	22 13 15.8
GKN	comp=Z,11nm,0.5s			P	22 13 15.1 -0.1
GKN	Gorkha	56.96 310	eP	P	
HYB	comp=Z,255nm,0.5s			iP	22 13 18.0 -1.2
KOLN	Hyderabad	57.52 296	iP	P	22 13 20.1 0.0
KOLN	Koldanda	57.63 309	eP	P	
DANN	comp=Z,218nm,0.8s			eP	22 13 20.9 -0.4
DANN	Dangsing	57.80 310	eP	P	
PYUN	comp=Z,158nm,0.8s			eP	22 13 24.6 +0.1
PYUN	Piuthan	58.27 309	eP	P	22 13 26.2 +1.6
H08S2	Diego Garcia H	58.33 265	P	P	22 13 26.4 +1.7
H08S2	comp=Z,39,slow=12,SNR=5.0			P	22 13 26.4 +1.7
H08S1	Diego Garcia H	58.34 265	P	P	22 13 26.6 +1.8
H08S1	comp=Z,39,slow=12,SNR=4.6			P	22 13 26.6 +1.8
TYV	comp=Z,158nm,0.8s			eP	22 13 26.9 +1.8
TYV	Tymovskoe	58.46 8	eS	S	22 21 29.1 +5.2
TYV				pmax	
TYV	comp=Z,42nm,0.7s			pmax	
TYV	comp=Z,200nm,3.8s			smax	
ULN	comp=Z,500nm,7.4s			P	22 13 27.7 +0.7
ULN	Ulanbaatar	58.69 341	P	P	
ULN				pmax	
ULN	comp=Z,92nm,0.9s			P	22 13 27.7 +0.7
ULN	Ulanbaatar	58.69 341	P	P	22 13 28.4 +1.4
SOMN	comp=Z,4µm,comp=Z,466nm,0.9s			P	22 13 29.5 +1.2
SOMN	Songino Array	58.88 341	P	P	
SOMN	comp=Z,42nm,0.9s,baz=157,slow=7.4,SNR=124			LR	22 42 14.0
SOMN	Songino Array	58.88 341	P	P	22 13 28.7 +0.5
ZEZ	Zeya	60.61 357	eP	P	22 13 40.6 +0.7
ZEZ	comp=N,30nm,0.9s			pmax	
POO	comp=Z,50nm,0.8s			eP	22 13 49.0 -1.7
ZAK	Poona	62.11 295	eP	P	22 13 50.9 +0.7
ZAK	Zakamensk	62.12 340	e	P	22 14 29.7
ZAK	comp=Z,27nm,1.2s			pmax	
ZAK	comp=Z,11nm,1.0s			pmax	
IRK	comp=Z,98nm,1.4s			eP	22 13 57.4 -1.2
IRK	Irkutsk	63.39 342	eP	P	
IRK				pmax	
PEA0B	comp=Z,98nm,1.4s			ceP	22 14 03.2 +1.1
PETK	Petrovavlovsk	63.92 17	P	P	22 14 03.5 +1.4
PETK	Petrovavlovsk	63.92 17	P	P	
PETK	comp=Z,16nm,0.9s,baz=204,slow=9.3,SNR=85			P	22 14 03.1 +1.1
MOY	Petrovavlovsk	63.98 340	eP	P	22 14 03.8 +1.2
MOY	Mondy	63.98 340	eP	P	
MOY	comp=Z,22nm,1.4s			pmax	
WMQ	Urumqi	64.13 326	eP	P	22 14 04.8 +1.1
WMQ				sP	22 14 30.4 +5.5
WMQ	comp=Z,170nm,1.1s			pmax	
WMQ	comp=Z,180nm,5.7s			LR	
PET	comp=Z,69nm,21.7s			eS	22 14 05.2 +1.8
PET	Petrovavlovsk	64.14 18	eS	S	22 22 38.4 +2.5
PET				pmax	
PET	comp=Z,107nm,1.1s			MLR	
PET	comp=Z,100nm,21.0s			MLR	
PET	Petrovavlovsk	64.14 18	P	P	22 14 04.5 +1.1
BOD	Bodaibo	66.13 350	iP	P	22 14 16.5 +0.3
BOD				pmax	
RAR	comp=Z,43nm,1.1s			LR	22 39 54.2
RAR	Ratonga	67.84 110	LR	LR	
RAR	comp=Z,75nm,19.5s,baz=294,slow=32			P	22 14 27.7 -0.6
ZSN	Zaisan	67.98 328	eP	P	
ZSN	comp=Z,30nm,1.4s			eP	22 14 27.6 -0.6
ZSN	Zaisan	67.98 328	eP	P	
DGZ	comp=Z,30nm,1.4s			iP	22 14 30.6 +1.1
DGZ	Jazzator, Alta	68.15 331c	P	P	
DGZ				pmax	
MA2	comp=Z,75nm,1.4s			P	22 14 30.6 +1.6
MA2	Magadan	68.15 11	P	P	22 14 30.5 +1.5
MA2	comp=Z,51nm,0.9s,baz=179,slow=4.7,SNR=21			P	22 14 30.6 +0.4
NIL	Magadan	68.23 310	P	P	
NIL	Nilore	68.23 310	P	P	
NIL	comp=Z,38nm,0.7s			P	22 14 30.6 +0.4
NIL	Nilore	68.23 310	I Amb	I Amb	22 14 31.1
NIL	comp=Z,38nm,0.7s			P	22 14 30.5 +0.3
UIZB	Uzbybulak	68.81 322	eP	P	22 14 32.6 -1.1
UIZB	comp=Z,40nm,0.9s			S	22 23 43.1 +1.0
UIZB	Uzbybulak	68.81 322	eS	S	22 14 32.6 -1.1
UIZB				pmax	
TARG	comp=Z,41nm,0.9s			P	22 14 34.9 +0.7
TARG	Taragay, Kyrgy	68.83 320	P	I Amb	22 14 46.9
PRZ	comp=Z,43nm,1.0s			P	22 14 35.2 +1.2
PRZ	Przheval'sk	68.84 321	P	pmax	
PRZ	comp=Z,103nm,0.9s			P	22 14 35.2 +1.2
PRZ	Przheval'sk	68.84 321	P	P	22 14 35.2 +1.2
YAK	comp=Z,103nm,0.9s			eP	22 14 35.9 +0.6
YAK	Yakutsk	68.84 359	eP	P	22 14 52.2 +3.2
YAK				P	22 14 59.0
YAK				ePPP	22 18 50.2
YAK				eS	22 23 35.4 +2.9
YAK				eSS	22 24 08.0 +1.1
YAK				e	22 24 29.0
YAK	comp=Z,227nm,1.2s			pmax	
YAK	comp=N,56nm,1.3s			pmax	
YAK	comp=E,16nm,1.3s			pmax	
YAK	comp=Z,15nm,1.0s			pmax	
YAK	comp=N,22nm,2.0s			pmax	
YAK	comp=E,11nm,1.6s			smax	
YAK	comp=E,64nm,4.3s			smax	
YAK	comp=N,72nm,5.4s			smax	
YAK	Yakutsk	68.84 359	P	P	22 14 33.6 +0.3
KSH	Kashi	68.93 317	P	P	22 14 36.0 +1.5
KSH				pP	22 14 51.3 +1.5
KSH				PcP	22 14 53.6 +1.1
KSH	comp=N,89nm,0.8s			pmax	
KSH	comp=N,160nm,3.9s			pmax	
MK31	Makanchi Array	68.97 326	P	P	22 14 35.4 +0.9
MK31	comp=Z,80nm,1.0s			pmax	
MK31	Makanchi Array	68.97 326	P	P	22 14 35.4 +0.9
MK31	Makanchi Array	68.97 326	P	P	22 14 35.4 +1.0
MK31	comp=Z,65nm,0.5s,baz=113,slow=9.1,SNR=984			P	22 14 35.6 -0.2
SATY	Saty	69.14 321	eP	P	
SATY	comp=Z,44nm,0.7s			P	22 14 35.6 -0.2
SATY	Saty</				

BMRM	comp=Z,20nm,0.8s	I Amb	I Amb	22 17 21.2	
PV12	Saucer Basin, 91.08 47	P	P	22 17 10.2 +0.8	
PV12	comp=Z,13nm,1.2s	I Amb	I Amb	22 17 11.5	
PV21	Cone Mtn., Par	91.10 47	P	22 17 10.0 +0.5	
HWUT	Hardware Ranch	91.16 43	P	22 17 09.8 +0.2	
ZON	Zonda	91.16 126	P	22 17 10.7 +0.8	
ZON	comp=Z,29nm,1.4s	P	P		
ZON	Zonda	91.16 126	P	22 17 10.7 +0.8	
ZON	comp=Z,29nm,1.4s	I Amb	I Amb	22 17 11.6	
PV22	Blue Mesa, Par	91.21 47	P	22 17 10.4 +0.4	
KLZ	Klutina	91.24 15	I Amb	22 17 21.7	
ISLE	comp=Z,9.8nm,1.0s	I Amb	I Amb		
ISLE	Juniper Island	91.33 17	P	22 17 10.3 +0.5	
ISLE	comp=Z,16nm,1.1s	I Amb	I Amb	22 17 11.8	
TIY	Taiyuan	91.35 312	eP	22 17 11.4 +1.0	
TIY	comp=Z,130nm,1.3s	pP	pP	22 17 56.3 -1.6	
TIY	comp=Z,87nm,3.8s	S	S	22 17 52.8 -1.1	
TIY	comp=Z,130nm,1.3s	LR	LR		
TIY	comp=Z,87nm,3.8s	LR	LR		
TIY	comp=Z,84nm,3.4s	LR	LR		
N25K	comp=Z,92nm,6.7s	I Amb	I Amb	22 17 23.4	
ACAN	Chitina, Valde	91.64 15	I Amb	I Amb	
XAN	Cantantal	91.84 127	iP	P	22 17 04.5 -8.5
XAN	Xian	91.86 307	P	P	22 17 14.3 +1.5
LOGN	comp=Z,71nm,1.2s	P	P		
LOGN	Logan Glacier	91.86 17	I Amb	I Amb	22 17 30.8
KTH	comp=Z,9.3nm,1.0s	I Amb	I Amb	22 17 23.3	
KTH	Kantishna Hill	92.08 12	I Amb	I Amb	
S22A	4UR Ranch, Cre	92.09 49	P	P	22 17 15.7 +1.5
TRF	Thorfare Moun	92.10 12	I Amb	I Amb	22 17 24.0
AHID	Auburn Hatcher	92.10 43	P	P	22 17 15.0 +1.1
AHID	comp=Z,8.3nm,0.7s	I Amb	I Amb	22 17 16.7	
SEY	Seymour	92.10 347	iP	P	22 17 14.0 +0.9
TRQA	Tornquist	92.11 135	P	P	22 17 14.8 +0.7
TRQA	comp=Z,10.0nm,1.0s	P	P		
TRQA	Tornquist	92.11 135	P	P	22 17 14.8 +0.7
TRQA	comp=Z,9.6nm,0.9s	I Amb	I Amb	22 17 15.1	
KMI	Kunming	92.21 297	iP	P	22 17 16.3 +1.4
KMI	comp=Z,8.8nm,0.9s	pP	pP	22 18 01.4 -0.9	
KMI	comp=Z,64nm,1.2s	P	P		
CM02	Chiang Mai Arr	92.27 289	P	P	22 17 17.3 +2.3
CM31	comp=Z,193nm,2.3nm,1.0s	I Amb	I Amb		
CM31	Chiang Mai Arr	92.29 289	P	P	22 17 16.1 +1.1
CM31	comp=Z,32nm,1.0s	I Amb	I Amb	22 17 17.9	
CMAR	Chiang Mai Arr	92.29 289	P	P	22 17 16.1 +1.0
CM13	Chiang Mai Arr	92.30 289	P	P	22 17 17.3 +2.2
CM13	comp=Z,41nm,1.0s	I Amb	I Amb	22 17 16.7	
O20A	White River Ci	92.44 46	P	P	22 17 16.5 +1.0
CMMT	Chiang Mai	92.44 290	P	P	22 17 16.6 +0.8
CHTO	comp=Z,423nm,2.53nm,1.1s	P	P		
CHTO	Chiang Mai	92.44 290	P	P	22 17 17.5 +1.6
CHTO	comp=Z,45nm,1.0s	P	P		
CHTO	Chiang Mai	92.44 290	P	P	22 17 17.4 +1.6
CHTO	comp=Z,434nm,2.53nm,1.1s	P	P		
CHTO	Chiang Mai	92.44 290	P	P	22 17 17.5 +1.6
CHTO	comp=Z,241nm,2.31nm,1.1s	P	P		
CHTO	Chiang Mai	92.44 290	P	P	22 17 16.7 +0.9
REDW	Red Top Meadow	92.59 42	I Amb	I Amb	22 17 18.4
MCK	comp=Z,8.8nm,0.9s	I Amb	I Amb		
MCK	Mckinley	92.61 12	P	P	22 17 17.1 +1.5
833A	Chaparral WMA,	92.78 60	P	P	22 17 18.2 +1.0
MRA	San Martin	92.81 128	iP	P	22 17 18.2 +0.7
IMW	Indian Meadow	92.84 42	I Amb	I Amb	22 17 19.7
MSTX	Muleshoe	92.99 53	I Amb	I Amb	22 17 19.9
MSTX	comp=Z,19nm,0.9s	I Amb	I Amb		
MSTX	Muleshoe	92.99 53	P	P	22 17 19.1 +1.0
MENT	Mentasta	93.01 15	I Amb	I Amb	22 17 29.4
PDAR	comp=Z,8.8nm,0.8s	I Amb	I Amb		
PDAR	Pinedale Array	93.04 43	P	P	22 17 19.1 +0.8
FLWY	Flagg Ranch	93.08 42	I Amb	I Amb	22 17 21.0
AC02	comp=Z,9.6nm,0.8s	I Amb	I Amb		
AC02	Marcunga	93.30 122	I Amb	I Amb	22 18 11.3
YHH	Holmes Hill	93.39 41	P	P	22 17 21.5 +1.5
BOZ	Bozeman (W)	93.40 40	P	P	22 17 20.8 +1.0
BOZ	comp=Z,8.0nm,1.4s	P	P		
BOZ	Bozeman (W)	93.42 50	P	P	22 17 21.5 +1.3
HHC	Hu-ho-hao-te	93.59 314	eP	P	22 17 22.4 +1.7
HHC	comp=Z,38nm,1.3s	P	P		
HHC	comp=Z,48nm,6.6s	P	P		
MDM	Murphy Dome	93.85 12	I Amb	I Amb	22 17 22.7
ILAR	comp=Z,11nm,1.2s	I Amb	I Amb		
ILAR	Eielson Array	93.94 13	P	P	22 17 21.6 0.0
ILAR	comp=Z,2.6nm,1.0s,baz=207,slo=6.2,SNR=6.0	P	P	22 21 05.0 -5.4	
CD2	Chengdu	94.13 302	iP	P	22 17 24.8 +1.4
CD2	comp=Z,110nm,1.1s	P	P		
N23A	Red Feather La	94.32 46	P	P	22 17 25.9 +1.6
ABTX	Ablene, Hawle	94.63 56	I Amb	I Amb	22 17 27.9
ABTX	Ablene, Hawle	94.63 56	P	P	22 17 26.8 +1.2
BILL	Bilibino	94.86 354	eP	P	22 17 26.5 +0.8
BILL	comp=Z,30nm,1.2s	P	P		
K22A	Casper	94.87 47	P	P	22 17 27.7 +1.1
LZH	Lanzhou	96.49 305	eP	P	22 17 35.3 +1.2
LZH	comp=Z,11nm,1.4s	pP	pP	22 18 25.4 +3.6	
LZH	comp=Z,11nm,1.4s	SKS	SKS	22 22 05.0 -1.7	
LZH	comp=Z,11nm,1.4s	SCS	SCS	22 28 40.8 +1.3	
LZH	comp=Z,30nm,1.3s	P	P		
LZH	comp=Z,30nm,1.3s	P	P	22 17 35.9 -0.7	
JTS	Las Juntas de	96.96 82	iP	P	22 17 35.9 -0.7
JTS	comp=Z,10.0nm,1.0s	P	P		
RSSD	Black Hills	97.18 44	P	P	22 17 37.9 +0.7
RSSD	comp=Z,5.0nm,0.9s	P	P		
RSSD	Black Hills	97.18 44	P	P	22 17 37.9 +0.7
RSSD	comp=Z,4.5nm,0.9s	I Amb	I Amb	22 17 38.6	
YAK	Yakutsk	97.60 338	P	P	22 17 37.9 -0.4
YAK	comp=Z,6.7nm,0.5s,baz=148,slo=1.7,SNR=2.0	P	P		
YAK	Yakutsk	97.60 338	P	P	22 17 38.2 0.0
LPAZ	La Paz	99.56 113	P	P	22 17 49.6 +0.6
ULN	Ulanbaatar	99.92 319	eP	P	22 17 49.5 +0.3
ULN	comp=Z,13nm,1.7s	P	P		
ULN	Ulanbaatar	99.92 319	P	P	22 17 50.1 +0.9
SONM	Songino Array	100.29 318	P	P	22 17 52.4 +1.5
SONM	comp=Z,1.8nm,0.8s,baz=188,slo=2.3,SNR=4.0	P	P		
SONM	comp=Z,1.7nm,0.8s,baz=142,slo=7.5,SNR=3.9	P	P		
GTA	Goat1	100.83 309	eP	P	22 17 55.4 +1.1
GTA	comp=Z,9.0nm,1.0s	P	P		
GTA	comp=Z,9.0nm,1.0s	P	P		

comp=Z,68nm,5.1s	LR	LR			
GTA	comp=Z,120nm,17.5s	LR	LR		
GTA	comp=Z,110nm,16.4s	LR	LR		
WMO	comp=Z,120nm,17.5s	ePKP	PKIKP	22 22 36.9 +0.3	
ZALV	Zalesovo, 118.88 309	ePKP	PKIKP	22 22 42.6 -1.7	
ZALV	comp=Z,3.5nm,0.8s,baz=167,slo=1.1,SNR=8.6	PP	PP	22 23 37.8 -1.0	
ZALV	comp=Z,1.2nm,0.7s,baz=48,slo=2.1,SNR=2.6	PKP	PKP	22 23 39.5 -6.0	
ZALV	comp=Z,0.7nm,0.6s,baz=233,slo=4.4,SNR=3.5	PKP	PKP	22 22 44.3 -0.6	
MKAR	Makanchi Array	115.31 312	PKP	PKP	22 22 44.3 -0.6
MKAR	comp=Z,5.9nm,0.8s,baz=67,slo=3.2,SNR=17	PP	PP	22 23 41.0 -8.0	
MKAR	comp=Z,1.3nm,0.8s,baz=86,slo=4.5,SNR=4.0	ePKP	PKP	22 23 20.4 -0.4	
MKAR	comp=Z,2.0nm,0.8s,baz=289,slo=4.3,SNR=8.7	ePKP	PKP	22 22 45.0 -0.3	
MAKZ	Makanchi	115.53 312	PKP	PKP	22 22 45.0 -0.3
MAKZ	Makanchi	115.53 312	PKP	PKP	22 22 45.0 -0.3
NRK	Noril'sk	116.03 337	PP	PP	22 23 50.5 -2.8
NRK	comp=Z,21nm,1.4s,baz=130,slo=7.9,SNR=6.2	PKP	PKP	22 22 47.9 +2.3	
NRK	Noril'sk	116.03 337	PKP	PKP	22 22 46.8 +1.2
NRK	Noril'sk	116.03 337	PKP	PKP	22 22 55.3 +4.2
KSH	comp=Z,170nm,7.6s	LR	LR		
KSH	comp=Z,140nm,8.8s	LR	LR		
KURB	Kurchatov	118.38 315	PKP	PKP	22 22 50.2 -0.4
KURB	Kurchatov Arra	118.38 315	PKP	PKP	22 22 50.2 -0.5
KURB	comp=Z,6.9nm,0.8s,baz=106,slo=2.0,SNR=32	PP	PP	22 24 04.9 -5.5	
KURBB	comp=Z,4.8nm,1.0s,baz=104,slo=5.9,SNR=8.5	ePKP	PKP	22 23 09.6 -0.2	
KURBB	comp=Z,1.4nm,0.8s,baz=120,slo=4.4,SNR=5.9	PKP	PKP	22 23 54.2 -0.1	
AAK	Ala-Archa	120.00 306	PKP	PKP	22 23 04.4 +0.3
AAK	comp=Z,7.1nm,0.7s,baz=35,slo=10,SNR=5.7	PKP	PKP	22 23 04.4 +0.3	
BOSA	Boshof	121.06 204	PKP	PKP	22 22 57.0 0.0
BOSA	comp=Z,2.2nm,0.6s,baz=247,slo=2.6,SNR=8.5	PKP	PKP	22 22 57.0 0.0	
BOSA	Boshof	121.06 204	PKP	PKP	22 23 04.4 +0.3
KBL	Kabul	122.77 296	PKP	PKP	22 23 04.4 +0.3
KBL	Kabul	122.77 296	PKP	PKP	22 23 00.1 -0.6
BVAR	Borovoye Array	123.63 318	PKP	PKP	22 23 01.2 +0.1
BVAR	comp=Z,7.1nm,0.8s,baz=165,slo=12,SNR=13	PKP	PKP	22 23 01.2 +0.1	
BRVK	Borovoye	123.69 318	PKP	PKP	22 23 07.9 +2.4
BRVK	comp=Z,10.0nm,0.8s	P	P		
KBS	Kingsbay	127.17 358	PKP	PKP	22 23 08.3 -0.1
KBS	comp=Z,32nm,2.5s	PKP	PKP	22 23 13.2 +0.3	
SPITS	Spitsbergen Ar	127.69 356	PKP	PKP	22 23 13.2 +0.3
SPITS	comp=Z,1.1nm,0.6s,baz=38,slo=10,SNR=7.5	PKP	PKP	22 23 13.2 +0.3	
ARU	Arti	130.07 323	PKP	PKP	22 23 13.2 +0.3
ARU	comp=Z,5.1nm,0.6s,baz=182,slo=1.1,SNR=22	PKP	PKP	22 23 13.2 +0.3	
ARU	Arti	130.07 323	PKP	PKP	22 23 13.2 +0.3
ARU	comp=Z,5.1nm,0.6s,baz=182,slo=1.1,SNR=22	PKP	PKP	22 23 13.2 +0.3	
ARU	Arti	130.07 323	PKP	PKP	22 23 13.2 +0.3
ARU	comp=Z,5.1nm,0.6s,baz=182,slo=1.1,SNR=22	PKP	PKP	22 23 13.2 +0.3	
ABKAR	Abkulk array	130.38 313	PKP	PKP	22 23 15.1 +0.5
AKTO	Aktubinsk	131.48 315	PKP	PKP	22 23 16.5 -0.2
AKTO	comp=Z,5.5nm,0.7s,baz=41,slo=2.5,SNR=16	SKPbc	SKPbc	22 26 23.2 -0.9	
LSZ	Lusaka	131.54 214	PKP	PKP	22 23 17.4 +0.3
LSZ	Lusaka	131.54 214	PKP	PKP	22 23 17.4 +0.3
GEYT	Alibek	131.55 298	PKP	PKP	22 23 18.3 +0.2
GEYT	comp=Z,16nm,0.7s,baz=233,slo=7.9,SNR=7.5	SKPbc	SKPbc	22 26 26.1 -0.3	
GEYT	comp=Z,12nm,0.8s,baz=205,slo=3.1,SNR=21	PKP	PKP	22 23 22.1 +0.4	
KIRV	Kirov	134.08 328	PKP	PKP	22 26 31.6 -1.1
KIRV	comp=Z,14nm,0.6s,baz=239,slo=5.6,SNR=6.6	SKPbc	SKPbc	22 26 31.6 -1.1	
KIRV	comp=Z,26nm,0.9s,baz=62,slo=2.5,SNR=13	PKP	PKP	22 23 20.1 -0.7	
PRGR	Pergomoe	134.38 333	ePKP	PKP	22 23 20.1 -0.7
PRGR	comp=Z,28nm,1.0s	P	P		
ARCES	ARCCESS Array B	134.69 349	PKP	PKP	22 23 17.9
ARCES	comp=Z,5.5nm,0.9s,baz=48,slo=1.8,SNR=7.2	PKP	PKP	22 23 21.4 +0.2	
ARCES	comp=Z,5.8nm,0.7s,baz=38,slo=1.6,SNR=5.5	SKPbc	SKPbc	22 26 34.1 -0.3	
ARCES	comp=Z,2.5nm,1.2s,baz=72,slo=4.0,SNR=10	SKPbc	SKPbc	22 23 22.6 -3.6	
KLMR	Klimovskoe	137.27 334	ePKP	PKP	22 23 22.6 -3.6
KLMR	comp=Z,19nm,1.2s	ePKP	PKP	22 23 22.7 -3.5	
KLMR	Klimovskoe	137.27 334	ePKP	PKP	22 23 22.7 -3.5
KLMR	comp=Z,19nm,1.2s	AMP	AMP	22 23 20.2	
BELG	Belogoroye	137.33 320	PKP	PKP	22 23 27.4 +0.9
BELG	comp=Z,11nm,0.9s,baz=169,slo=4.9,SNR=4.0	PKP	PKP	22 23 27.4 +0.9	
BELG	comp=Z,45nm,0.9s,baz=98,slo=3.0,SNR=15	PKP	PKP	22 23 28.4	
FINES	FINESSE Array B	141.41 342	PKP	PKP	22 23 30.7
FINES	comp=Z,4.9nm,0.4s,baz=32,slo=1.5,SNR=3.2	PKP	PKP	22 23 30.7	
FINES	Mbarara	141.63 320	PKP	PKP	22 23 30.9
FINES	comp=Z,1.3nm,0.2s,baz=17,slo=19,SNR=2.6	PKP	PKP	22 23 30.9	
OBN	Obninsk	141.92 328	ePKP	PKP	22 23 30.9
OBN	comp=Z,2.5nm,0.5s,baz=302,slo=18,SNR=4.2	PKP	PKP	22 23 30.9	
OBN	Obninsk	141.92 328	ePKP	PKP	22 23 35.4
OBN	comp=Z,2.5nm,0.5s,baz=302,slo=18,SNR=4.2	PKP	PKP	22 26 41.5	
OBN	Obninsk	141.92 328	ePKP	PKP	22 23 30.9
OBN	comp=Z,10.0nm,0.9s	P	P		
OBN	comp=Z,13nm,1.0s	P			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, I, S, C. Includes stations like KOLS Kolonické sedl, OJC Ojcow, BISRR Bisocca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, I, S, C. Includes stations like BCCLA Clavier, BCLA BCLA, BHOU Houvegnez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, I, S, C. Includes stations like MANU comp-Z,32nm,0.9s, GENI Genyem, BAKI comp-Z,2,2umcomp-Z,50nm,1.0s, etc.

NNC 14 22:19.41:2.3:6,37:92N:78:17E, h0km,mb3.8,mpv3.3, 2C-2D Error ellipse: s-maj=25.0km s-min=22.1km az=117.0, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, I, S, C. Includes stations like MDOK Medeo, SHLS Shalkode, SHLS 7.5nm,0.5s, etc.

BUI 14 22:25:26.40.0, 14:03N:144:95E, h138km,mb4.8/14, mb4.6/27

IDC 14 22:25:27.0:0.3, 14:05N:144:97E, h143km,2km,mb4.0/27, mb1.4/127,mb1mx3.9/61,mbmp4.4/27,MS3.4/2, MS1.3/42,ms1mx2.9/36,Error ellipse: s-maj=14.3km s-min=7.0km az=79.0

DJA 14 22:25:27.8:0.8, 14:10N:144:51E, h149km,5km,M4.8/25, mb5.6/6,mb5.0/25,ML4.4/51,MMWMB)5.0/6

NEIC 14 22:25:28.0:1.2, 13:97N:103:144.93E,0.07, h148km,5km,mb4.7/93,Error ellipse: s-maj=13.2km s-min=8.9km az=198.0

ISC 14 22:25:27.0:0.3, 13:97N:103:144.90E,0.07,h150km, mb2.1,19:05/159,mb4.6/80,Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, I, S, C. Includes stations like GUMO Guam, GUMO 2um,0.3s,baz=335,slow=20,SNR=88.1, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TKDS, WSAR, AKASO, etc.

Duration: 0. Moment tensor: Scale 10^16Nm; M1: 2.02; M2: 0.28; M3: 0.22; M4: 0.22; M5: 0.14; M6: 1.86; M7: 1.3; M8: 0.17; M9: 0.5; M10: 0.41; M11: 0.8; M12: 1.7; M13: 3.2; Best double couple: Mo: 2.55900; 1016

NP1: 2.203, 0.00000; 82.7, 0.00000; 1.1, 0.108, 0.00000; NP2: 0.2, 0.00000; 8.64, 0.00000; 8.1, 0.00000; Principal axes: T: 2.6590, Plg70.00000; Azm253.00000; N: -0.1960, Plg8.00000; Azm6.00000; P: -2.4590, Plg19.00000; Azm99.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 14 23:24:02.4; 1.6, 27.17S; 0.07x176; 16W:0.10, h10km, 1km, m4.9/69, Error ellipse: s-maj=15.9km s-min=10.8km az=120.0

ISC 14 23:24:02.1-0.3, 27.22S; 0.06; 176; 19W; 0.06, h10km, n162, 0.183/151, mb4.8/53, MS4.1/14, 2C-2D, Kermadec Islands region

Main station list table for the 14d 23h period, including station names, coordinates, and various parameters.

NEIC 14 22:30:59.0; 1.0, 23.1S; 0.2x178; 72W:0.09, h579km, 13km, mb4.3/20, Error ellipse: s-maj=23.9km s-min=9.4km az=162.0

ISC 14 22:31:01.9; 1.1, 0.22; 31S; 178; 92W, h635km, 98km, mb3.3/4, mb1 3.4/5, mb1mx2.9/40, mbtmp4.3/5, Error ellipse: s-maj=249.6km s-min=113.2km az=81.0

ISC 14 22:30:59.8; 1.0, 22.8S; 0.2x178; 8W:0.1, h600km, n29, 0.652/23, mb4.2/12, South of Fiji Islands

Main station list table for the 14d 23h period, continuing from the previous table.

Duration: 0. Moment tensor: Scale 10^16Nm; M1: 2.02; M2: 0.28; M3: 0.22; M4: 0.22; M5: 0.14; M6: 1.86; M7: 1.3; M8: 0.17; M9: 0.5; M10: 0.41; M11: 0.8; M12: 1.7; M13: 3.2; Best double couple: Mo: 2.55900; 1016

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like RAO, RAO, RAO, etc.

Duration: 0. Moment tensor: Scale 10^16Nm; M1: 2.02; M2: 0.28; M3: 0.22; M4: 0.22; M5: 0.14; M6: 1.86; M7: 1.3; M8: 0.17; M9: 0.5; M10: 0.41; M11: 0.8; M12: 1.7; M13: 3.2; Best double couple: Mo: 2.55900; 1016

NP1: 2.203, 0.00000; 82.7, 0.00000; 1.1, 0.108, 0.00000; NP2: 0.2, 0.00000; 8.64, 0.00000; 8.1, 0.00000; Principal axes: T: 2.6590, Plg70.00000; Azm253.00000; N: -0.1960, Plg8.00000; Azm6.00000; P: -2.4590, Plg19.00000; Azm99.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 14 23:24:02.4; 1.6, 27.17S; 0.07x176; 16W:0.10, h10km, 1km, m4.9/69, Error ellipse: s-maj=15.9km s-min=10.8km az=120.0

ISC 14 23:24:02.1-0.3, 27.22S; 0.06; 176; 19W; 0.06, h10km, n162, 0.183/151, mb4.8/53, MS4.1/14, 2C-2D, Kermadec Islands region

Main station list table for the 2015 AUG period, including station names, coordinates, and various parameters.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MAW, MJAR, MJAR, etc.

Duration: 0. Moment tensor: Scale 10^16Nm; M1: 2.02; M2: 0.28; M3: 0.22; M4: 0.22; M5: 0.14; M6: 1.86; M7: 1.3; M8: 0.17; M9: 0.5; M10: 0.41; M11: 0.8; M12: 1.7; M13: 3.2; Best double couple: Mo: 2.55900; 1016

NP1: 2.203, 0.00000; 82.7, 0.00000; 1.1, 0.108, 0.00000; NP2: 0.2, 0.00000; 8.64, 0.00000; 8.1, 0.00000; Principal axes: T: 2.6590, Plg70.00000; Azm253.00000; N: -0.1960, Plg8.00000; Azm6.00000; P: -2.4590, Plg19.00000; Azm99.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 14 23:24:02.4; 1.6, 27.17S; 0.07x176; 16W:0.10, h10km, 1km, m4.9/69, Error ellipse: s-maj=15.9km s-min=10.8km az=120.0

ISC 14 23:24:02.1-0.3, 27.22S; 0.06; 176; 19W; 0.06, h10km, n162, 0.183/151, mb4.8/53, MS4.1/14, 2C-2D, Kermadec Islands region

Main station list table for the 796 period, including station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BRVK, ARCES, FINES, etc.

THR 14 23:33:17.7, 0.6, 34.26N; 54.59E, h14km, 6km, ML3.8
TEH 14 23:33:18.1, 0.4, 34.29N; 54.60E, h16km, ML3.9
ISC 14 23:33:20.3, 1.3, 34.24N; 0.03, 54.60E; 0.04, h10km, n59,

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ANAR, IANJ, TNSJ, etc.

NEIC 14 23:41:39.5, 2.9, 38.96N; 140.05, 140.5E; 0.1, h139km, 7km, mb4.0/19, Error ellipse: s-maj=12.2km s-min=7.1km az=107.0
JMA 14 23:41:39.2, 0.1, 38.96N; 140.38E, h129km, 1km, M3.1

IDC 14 23:41:39.4, 1.9, 39.03N; 140.24E, h129km, 20km, mb3.4/7, mb1.3/8, mb1mx3/4, mbtmp3.8/8, Error ellipse: s-maj=24.2km s-min=16.7km az=136.0

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like IDC, YJK, JYJ, etc.

NEIC 14 23:53:28.1, 2.8, 21.71S; 170.29E, h48km, 23km, mb4.2/14, mb1.4/15, mb1mx4/3, mbtmp4.5/15, ML4.7/2, MS3.7/15, Ms1.3/7.15, ms1mx3.6/24, Error ellipse: s-maj=20.0km s-min=17.5km az=85.0
BUI 14 23:53:30.9, 0.0, 21.51S; 170.49E, h87km, mB4.9/16, mb4.9/36, Ms4.8/44, Ms7.4/44
GCMT 14 23:53:30.8, 0.4, 21.73S; 170.22E, 0'03, h58km, 2km, MW4.9/76, Moment Tensor Solution, s29c38; s76c93; Duration: 0 Moment tensor: Scale 1016N; M-r: 0.28; 17; M0: 0.97; 14; M00: -0.68; 14; M1: 1.17; 10; M2: 2.84; 10; M3: 0.39; 10; Best double couple: M3: 17400x1016 NP1: 99.00000°, 871.00000°, 174.00000°. NP2: 99.00000°, 884.00000°, 119.00000°. Principal axes: T 3.4650, Plg17.0000°, Azm324.0000°; N -0.5840, Plg70.0000°, Azm114.0000°; P -2.8820, Plg9.0000°, Azm231.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LIFNC, YATNC, QUENC, etc.

NEIC 14 23:53:31.9, 2.1, 79S; 170.15E, h68km, MLv5.9/38, Southeast of Loyalty Islands
ISC 14 23:53:29.3, 0.4, 21.80S; 0.04x, 170.21E; 0.05, h50km, n240, c1949/236, mb4.9/61, MS3.9/17, 279.270, Fault plane solution: NP1: 99.97, 89771°, 879.86070°, 121.52211°. NP2: 99.92642°, 868.83034°, 1169.11830°. Principal axes: T Plg22.3237°, Azm322.5733°; N Plg66.3121°, Azm121.9558°; P Plg7.5203°, Azm229.4660°; Southeast of Loyalty Islands

15d 1h

Table with columns: Station Name, Time, Res, ISC, H, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Kakadu, TBU Tubuai, etc.

2015 AUG

Table with columns: Station Name, Time, Res, ISC, H, m, s, ISC. Includes stations like HHC Lanzhou, LZH Lanzhou, SNA Snae, etc.

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Table with columns: Station Name, Time, Res, ISC, H, m, s, ISC. Includes stations like VIL2, EPID, ATH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like NORC, YOTC, SJCC, TOLC, SMLC, SPBC, BRRC, OCAC, BARC, RUSC, GARC, SDV, etc.

IDC 15 05:42:17.9.0.7, 27.37N:87.98E, h0km, mb4.2/20, mb1.4/4.22, mb1mx4.1/36, mbmp4.2/22, ML4.3/2, MS3.0/2, Ms1.3/0.2, ms1mx2.6/45, Error ellipse: s-maj=20.8km s-min=14.0km az=44.0

NEIC 15 05:42:20.3.1.5, 27.38N:0.09:87.86E:0.05, h1(0km), 1km, mb4.4/37, Error ellipse: s-maj=15.5km s-min=7.8km az=197.0

NDI 15 05:42:21.9.2.6, 27.33N:88.01E, h10km, ML4.0, mb4.4(NEIC)

BUI 15 05:42:23.7.0.0, 27.51N:87.92E, h6km, mb4.1/6, ML4.2/2, DMN 15 05:42:26.4.0.9, 27.20N:87.79E, h20km, ML4.5/9, Error ellipse: s-maj=14.7km s-min=13.1km az=83.0

ISC 15 05:42:21.2.1.0, 27.32N:0.04:87.97E:0.03, h23km, 7km, n123, s1549/139, mb4.5/42, 3C-2D, Nepal

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like TAPN, ODAN, RAMN, JIRN, GUN, PKI, PKIN, KKN, DMN, GKN, LSA, DANN, KOLN, SHL, BOK, PYUN, KOHI, IMP, MOKO, DDI, SMLA, BHPH, DHRM, HYB, NIT, GIL, WMO, TARG, PRZ, KDJ, ULHL, BZM, UCH, TKM2, GAR, AAK, AML, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like ENH, EKSS, CHGR, MKAR, MKAK, KK31, KURBB, KURM, SONM, ULN, ZAAO, ZALV, ZALV, ZALV, ABKAR, ARU, ARU, ONI, KLR, MJAR, MJAR, ILGA, BRTR, BRTR, AKASG, AKKB, VRI, PLOR, KARP, MLR, MLR, MLR, VOIR, FIA1, FINESS, FINESS, FINESS, VTS, VTS, VTS, ARCES, KRKC, VPC, CHVC, CONA, ARSA, SOKA, MOA, OBKA, GEC2, GERES, GERES, GERES, KHC, KHC, NB2, NOA, GRF, WTTA, WATA, MURB, SQTA, TEOL, META, FETA, DAVA, TENJ, SENIN, WRA, KEST, KEST, ASAR, ESDD, ESDD, ILAR, MAW, TXAR, CPUP, etc.

IDC 15 05:42:52.6.1.5, 14.16N:56.38E, h0km, mb3.7/3, mb1.3/8/3, mb1mx3.4/60, mbmp3.7/3, MS3.2/8, Ms1.3/2.8, ms1mx2.9/39, Error ellipse: s-maj=27.8km s-min=14.4km az=168.0, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like BRTR, AKTO, MKAR, CMAR, AKASG, ZALV, FINES, BOSA, SONM, ESDD, H01W3, H01W2, H01W1, etc.

IDC 15 05:43:23.9.1.4, 24.00S:175.29W, h0km, mb4.2/9, mb1.4/4.10, mb1mx4.1/36, mbmp4.2/10, ML5.4/1, MS3.8/6, Ms1.3/8.6, ms1mx3.3/30, Error ellipse: s-maj=48.0km s-min=25.1km az=159.0

NEIC 15 05:43:27.2.1.7, 23.55S:0.1:174.68W:0.09, h19km, 4km, mb4.7/5, Error ellipse: s-maj=17.4km s-min=11.7km az=179.0

ISC 15 05:43:27.3.0.5, 23.65S:0.1:174.70W:0.09, h19km, 4km, s1978/141, mb4.7/20, MS3.7/6, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like NIUE, MSVF, RAR, RAR, RAR, URZ, DZM, DZM, TBM, TZI, PPT2, PPT2, PPT, STKA, ASAR, ASAR, WRA, SBA, SBA, CASY, CASY, QSPA, QSPA, ASAJ, PETK, PETK, KSRS, NVAR, NVAR, US0A, US0A, USRK, USRK, TXAR, TXAR, ILAR, ILAR, PHIT, CM04, CM09, CM09, CMAR, CMAR, CM03, CM03, CHTO, GURO, AKASG, BNN, BR13, BRTR, BRTR, CLL, CLL, CLL, SMY, SMY, BKI, BKI, BKI, BKI, LSNW, LSSA, CESW, AMKA, AMKA, etc.

AEIC 15 06:05:06.2.7.53, 6N:0.2:172.2E:0.2, h20km, 2km, ML3.4/15, Error ellipse: s-maj=35.6km s-min=11.1km az=18.0

IDC 15 06:05:06.5.0.8, 53.51N:171.90E, h0km, mb3.9/11, mb1.4/1.12, mb1mx3.8/43, mbmp3.9/12, ML3.0/1, MS3.2/3, Ms1.3/2.3, ms1mx2.6/48, Error ellipse: s-maj=29.3km s-min=15.4km az=172.0

NEIC 15 06:05:07.8.2.3, 53.53N:0.2:172.1E:0.2, h17km, 3km, Error ellipse: s-maj=32.7km s-min=9.2km az=198.0

MOS 15 06:05:09.7.1.3, 53.37N:1.71:176.0E, h40km, mb4.0/1, Error ellipse: s-maj=19.4km s-min=8.0km az=11.6

KRSC 15 06:05:13.1.1.5, 53.40N:170.96E, h31km, 29km, ML4.4

ISC 15 06:05:08.8.0.6, 53.33N:0.1:171.82E:0.05, h23km, n73, s259/83, mb3.9/1.1, Near Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like SMY, SMY, BKI, BKI, BKI, BKI, LSNW, LSSA, CESW, AMKA, AMKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKZ Mys Kozlova, TASE Tanaga Southea, KIMD Kanagaa Island, etc.

Code Station Name Az Az' Phase ID Time Res ISC
URZ Urewera 6.91 210 Pn 07 34 30.4 -1.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, DZM 1.7m, 0.3s, etc.

JMA 15 06:53:12.5i,0.2,42.16N:142.62E,h56km,2km,M3.4
NIED 15 06:53:12.6i,42.16N:142.62E,h56km,MW3.7,Moent

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JNBK Urawaka-nobuka, JSHD Hidakashihida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JTHR Biratori 2, JBT2 Biratori 2, JMH Iburiatsuma, etc.

DJA 15 06:57:47.1s,0.7,9'S:6'11.8'E,h28km,6km,M4.3/12,
mb4.4/2,ML4.3/12

IDC 15 06:57:50.3i,0.9,29S:119.22E,h0km,mb3.5/2,
mb1.3/8.4,mb1mx3.6/32,mbtmp3.6/4,ML3.6/2,Error

ISC 15 06:57:46.8i,1.9,38S:07.118.02E,0.04,h35km,n19,
o1903/23,Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLAI Plampang, TWSI Taliwang, WBSI Waikabunga, etc.

IDC 15 07:32:49.4i,3.4,32.34S:178.51W,h0km,mb3.6/2,
mb1.3/9.3,mb1mx3.6/21,mbtmp3.7/3,ML3.5/1,Error

Code Station Name Az Az' Phase ID Time Res ISC
URZ Urewera 6.91 210 Pn 07 34 30.4 -1.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ 2.1nm,0.3s, ASAR Alice Springs, etc.

IDC 15 07:33:23.6i,1.0,13'60S:34'68E,h0km,mb4.1/7,
mb1.4/2/12,mb1mx3.9/3,mbtmp4.1/12,ML3.7,MS3.2/5,

NEIC 15 07:33:29.1i,1.2,13'75S:01'34.7E,0.2,h36km,4km,
mb4.4/12,Error ellipse: s-maj=25.4km s-min=11.5km

ISC 15 07:33:28.0i,0.8,13.59S:003.34.44E,0.05,h32km,6km,
n80,i164/91,mb4.3/10,Malawi

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NTHA Nthaire, SCHM Mlare, WENY Wena, etc.

Code Station Name Az Az' Phase ID Time Res ISC
MATP comp=Z,2.48nm,0.7s 8.86 219 Pn 07 35 35.4 +1.3

Code Station Name Az Az' Phase ID Time Res ISC
MATP comp=Z,1.7nm,0.3s,ba=321,slow=21,SNR=5.0 0.5 0.0 07 39 08.5

Code Station Name Az Az' Phase ID Time Res ISC
MATP comp=Z,2.6nm,0.3s,ba=133,slow=14,SNR=2.5 0.6 0.0 07 42 08.0

Code Station Name Az Az' Phase ID Time Res ISC
TSMU comp=Z,0.6nm,0.3s,ba=64,slow=13,SNR=5.6 1.0 0.0 07 37 25.8 -0.6

Code Station Name Az Az' Phase ID Time Res ISC
TSMU comp=Z,0.5nm,0.3s,ba=319,slow=19,SNR=3.4 0.7 0.0 07 44 31.8

Code Station Name Az Az' Phase ID Time Res ISC
TSMU comp=Z,1.10nm,18.0s,ba=144,slow=39 0.0 0.0 07 37 25.8 -0.6

Code Station Name Az Az' Phase ID Time Res ISC
TSMU comp=Z,0.3nm,0.3s,ba=20,slow=12,SNR=8.6 0.0 0.0 07 40 25.8 -1.1

Code Station Name Az Az' Phase ID Time Res ISC
TSMU comp=Z,0.4nm,0.3s,ba=102,slow=12,SNR=1.1 0.0 0.0 07 42 23.0

Code Station Name Az Az' Phase ID Time Res ISC
TSMU comp=Z,0.6nm,0.3s,ba=125,slow=21,SNR=3.1 0.0 0.0 07 42 51.7

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

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SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Code Station Name Az Az' Phase ID Time Res ISC
SUR Sutherland 22.48 211 Pn 07 38 26.5 +1.5

Table with columns for station name, frequency, power, and status. Includes stations like WRKA, LBLM, GAMI, etc.

Table with columns for station name, frequency, power, and status. Includes stations like NWAOW, NWAOW, SRBI, etc.

Table with columns for station name, frequency, power, and status. Includes stations like JHS, Saliyo, Karang Pucung, etc.

Table with columns for station ID, name, frequency, and various signal quality metrics (LR, P, Pmax, etc.). Includes stations like MA2 Magadan, MA2 False Pass, MA2 Saint Paul Isl, etc.

Table with columns for station ID, name, frequency, and various signal quality metrics (YAK, MLR, MLR, etc.). Includes stations like YAK Yakutsk, SONM Songino Array, GTA Gaotai, etc.

Table with columns for station ID, name, frequency, and various signal quality metrics (SKT, IAMS_20, IAMS_20, etc.). Includes stations like SKT Skwentna, Q23K Middleton Isla, Q23K Middleton Isla, etc.

RPN	Rapa Nui	82.31 116	LR	LR	08 29 13.9
RPN	Rapa Nui	82.31 116	IAMS_20	IAMS_20	08 28 40.6
BGLC	Bering Glacier	82.33 24	P	P	07 59 28.8 +1.0
BGLC	baz=232		S	S	08 09 45.6 +3.3
BERG	Berg Lake	82.33 23	P	P	07 59 28.5 +0.7
BERG	comp=Z,303nm,1.1s		IAMB	IAMB	07 59 37.6
BERG	comp=Z,13um,18.0s		IAMS_20	IAMS_20	08 41 59.3
BMRI	Bremner River	82.34 23	P	P	07 59 27.9 0.0
MOY	Mundy	82.43 326	eP	P	07 59 28.3 -0.4
MOY	comp=Z,233nm,3.1s		pmax	pmax	
RND	Reindeer	82.45 19	IAMS_20	IAMS_20	08 29 05.6
RND	comp=Z,15um,22.0s		IAMS_20	IAMS_20	
M24K	Tolsona, Glenn	82.50 21	P	P	07 59 29.4 +0.6
M24K	baz=229,SNR=25				
MCK	McKinley	82.65 19	P	P	07 59 28.5 -0.9
MCK	comp=Z,185nm,1.3s		pmax	pmax	
MCK	McKinley	82.65 19	P	IAMB	07 59 28.5 -0.9
MCK	comp=Z,185nm,1.3s		IAMB	IAMB	07 59 49.9
MCK	McKinley	82.65 19	P	IAMS_20	08 28 59.7
MCK	McKinley	82.65 19	P	P	07 59 28.8 -0.7
MCK	baz=227,SNR=9.3				
WAX	Waxell Ridge	82.70 24	IAMS_20	IAMS_20	08 32 29.2
WAX	comp=Z,13um,21.0s				
I21K	Tanana	82.74 17	P	P	07 59 30.5 +0.7
I21K	baz=224,SNR=69				
N25K	Chitina, Valde	82.75 22	P	P	07 59 30.0 -0.1
N25K	Chitina, Valde	82.75 22	P	P	07 59 30.4 +0.3
N25K	baz=231,SNR=41				
BWN	Browne	82.79 19	IAMS_20	IAMS_20	08 31 25.7
BWN	comp=Z,18um,20.0s				
CRQE	Circue	82.79 23	P	P	07 59 30.5 +0.2
CRQE	baz=232,SNR=37				
IMAR	Indian Moutai	82.83 16	P	P	07 59 31.1 +0.8
MESA	MESA	82.89 24	P	P	07 59 32.1 +1.1
MESA	comp=Z,14um,18.0s				
MESA	baz=233,SNR=7.3				
TGL	Tana Glacier	82.89 23	P	P	07 59 31.7 +0.7
TGL	comp=Z,224nm,1.3s		IAMB	IAMB	07 59 44.7 +0.5
TGL	comp=Z,13um,18.0s		IAMS_20	IAMS_20	08 41 26.2
TAPN	Tablejuke	82.91 300	eP	P	07 59 31.8 -0.2
GLD	Gilshina Butte	82.94 23	P	P	07 59 31.2 +0.2
MLY	Manley	83.00 18	IAMS_20	IAMS_20	08 30 40.0
MLY	comp=Z,18um,21.0s				
MLY	Manley	83.00 18	P	P	07 59 30.7 -0.5
HARP	HARP	83.05 21	P	P	07 59 31.8 +0.2
HARP	baz=225,SNR=39				
HARP	baz=230,SNR=28				
ODAN	Odare	83.05 299	eP	P	07 59 32.2 -0.4
ODAN	comp=Z,468nm,1.3s				
YAH	Yahits	83.09 24	IAMS_20	IAMS_20	08 32 21.2
YAH	comp=Z,15um,19.0s				
MCARA	McCCarthy VSAT	83.20 23	P	P	07 59 32.7 +0.3
MCARA	baz=232,SNR=12				
NEA2	Nenana	83.20 19	P	P	07 59 30.9 -1.3
NEA2	Nenana	83.20 19	P	P	07 59 31.5 -0.8
NEA2	baz=226,SNR=28				
PAX	Paxson	83.31 21	P	P	07 59 33.3 +0.4
PAX	comp=Z,124nm,1.5s		pmax	pmax	
PAX	Paxson	83.31 21	P	P	07 59 33.3 +0.4
PAX	baz=230,SNR=16				
TABLE	Table Mountain	83.37 24	IAMS_20	IAMS_20	08 32 39.1
TABLE	comp=Z,14um,19.0s				
WRH	Wood River Hill	83.43 19	IAMB	IAMB	07 59 32.8 -0.6
WRH	comp=Z,128nm,1.1s				
WRH	IAMS_20	IAMS_20			08 31 41.4
YKUZ	Yakutat	83.44 25	IAMS_20	IAMS_20	08 30 13.7
YKUZ	comp=Z,14um,19.0s				
I23K	Minto, Yukon-K	83.50 18	P	P	07 59 33.1 -0.6
I23K	baz=226				
PCA	Pinnacle	83.53 25	P	P	07 59 34.3 +0.1
PCA	comp=Z,14um,19.0s				
PINM	Pinnacle	83.53 25	P	P	07 59 34.2 +0.1
PINM	baz=233,SNR=23				
BARN	Barnard Glacie	83.53 23	P	P	07 59 34.3 0.0
BARN	comp=Z,348nm,1.3s		IAMB	IAMB	07 59 44.2
BOK	Bokaro	83.56 296	eP	P	07 59 34.6 -0.4
BOK	comp=Z,114nm,1.3s		IAMB	IAMB	07 59 48.4
CTG	Chitna Glacier	83.60 24	P	P	07 59 32.5 +0.6
CTG	baz=234,SNR=37				
DIB	Dawson Inlet	83.61 33	P	IAMB	07 59 34.9 +0.4
DIB	comp=Z,288nm,1.5s		IAMB	IAMB	07 59 43.1
H02S1	DAWSON INLET T	83.61 33	P	P	07 59 35.7 +1.1
H02S1	SNR=64		T	T	09 31 53.6
CCB	Clear Creek Bu	83.64 19	IAMS_20	IAMS_20	08 31 48.0
CCB	comp=Z,17um,20.0s				
LOGN	Logan Glacier	83.65 24	P	P	07 59 34.9 0.0
LOGN	comp=Z,12um,18.0s		IAMS_20	IAMS_20	08 43 05.9
BCPM	Bancas Point	83.71 25	IAMS_20	IAMS_20	08 33 37.9
BCPM	comp=Z,14um,19.0s				
HDA	Harding Lake	83.76 19	IAMS_20	IAMS_20	08 37 08.1
HDA	comp=Z,16um,19.0s				
HDA	Harding Lake	83.76 19	P	P	07 59 34.7 -0.4
HDA	baz=228,SNR=65				
RAMN	Rammit	83.76 299	eP	P	07 59 35.8 -0.5
RAMN	comp=Z,15um,20.0s		IAMS_20	IAMS_20	07 59 32.6
TCOL	CIGO, UAF Yank	83.78 19	P	P	07 59 34.4 -0.7
TCOL	comp=Z,15um,20.0s				
COLA	College	83.78 19c	P	P	07 59 34.3 -0.9
COLA	comp=Z,438nm,3.0s		pmax	pmax	
COLA	College	83.78 19	IAMS_20	IAMS_20	08 32 32.4
M26K	Nabesna, AK	83.84 22	P	P	07 59 36.0 +0.4
M26K	baz=232				
MOBC	Moresby Island	83.86 33	IAMS_20	IAMS_20	08 41 45.3
MOBC	comp=Z,13um,18.0s				
MCCM	Marconi Confer	83.87 49	P	IAMB	07 59 36.7 +0.4
MCCM	comp=Z,158nm,1.1s		IAMB	IAMB	07 59 44.5
MCCM	comp=Z,13um,20.0s		IAMS_20	IAMS_20	08 29 59.4
MENT	Mentasta	83.91 21	P	P	07 59 36.2 +0.2
MENT	comp=Z,15um,22.0s		IAMS_20	IAMS_20	08 30 39.2
H23K	Yukon River	83.92 18	P	P	07 59 36.0 +0.1
H23K	baz=226				
JCC	Jacoby Creek	83.92 47	P	IAMB	07 59 37.2 +0.8
JCC	comp=Z,182nm,1.3s		IAMB	IAMB	07 59 39.1
JCC	comp=Z,18um,19.0s		IAMS_20	IAMS_20	08 32 48.6
HOPS	Hopland Field	84.01 49	IAMS_20	IAMS_20	08 31 36.9
HOPS	comp=Z,19um,19.0s				
IL31	Elison Array	84.02 19	P	P	07 59 35.6 -0.8
IL31	comp=Z,19nm,1.1s, baz=235,slow=5.1				07 59 35.5 -1.0
ILAR	comp=Z,1.2nm,1.2s, baz=256,slow=1.4, SNR=4.2		PKKPbc	PKKPbc	08 17 53.2 -1.1
ILAR	comp=Z,1.0um,19.0s, baz=247,slow=0.4		LR	LR	08 34 18.6
RIDG	Independent R	84.02 20	P	P	07 59 36.3 -0.2
RIDG	comp=Z,16um,22.0s		IAMS_20	IAMS_20	08 29 54.3
RIDG	Independent R	84.02 20	P	P	07 59 36.6 +0.1
RIDG	baz=230,SNR=36				
SIT	Sitka	84.06 29	P	P	07 59 36.7 0.0
SIT	comp=Z,983nm,2.6s		pmax	pmax	
SIT	Sitka	84.06 29	P	P	07 59 37.0 0.0

SIT	comp=Z,22um,20.0s		IAMS_20	IAMS_20	08 29 27.4
SIT	Sitka	84.06 29	P	P	07 59 37.0 +0.3
POKR	Poker Flat Res	84.08 19	P	P	07 59 36.1 -0.7
POKR	comp=Z,13um,20.0s		IAMS_20	IAMS_20	08 32 41.5
POKR	Poker Flat Res	84.08 19	P	P	07 59 36.0 -0.7
L26K	Lochin Wild	84.10 21	P	P	07 59 37.6 +0.7
L26K	baz=232				
MAW	Mawson	84.11 202	P	P	07 59 38.2 +1.3
MAW	baz=84,SNR=49				
MAW	comp=Z,49nm,1.0s, baz=94,slow=6.7,SNR=21		LR	LR	07 59 38.0 +1.1
MAW	comp=Z,8um,18.3s, baz=90,slow=34				
MAW	MAWSON	84.11 202	P	P	07 59 37.4 +0.4
MAW	Port-aux-Franc	84.14 221	IAMS_20	IAMS_20	08 33 08.9
MAW	comp=Z,19um,19.0s				
GDXM	Geysers	84.15 49	P	P	07 59 38.4 +0.6
GDXM	comp=Z,23um,19.0s		IAMS_20	IAMS_20	08 31 52.8
M27K	Dot Lake	84.23 22	P	P	07 59 38.5 +0.7
M27K	Edge Creek, AK	84.23 21	IAMS_20	IAMS_20	08 30 00.6
M27K	baz=233,SNR=84				
KRMB	Red Mountain	84.25 46	P	P	07 59 39.3 +1.0
KRMB	comp=Z,315nm,1.8s		IAMB	IAMB	07 59 47.6
KBO	Bosley Butte	84.26 45	P	P	07 59 39.0 +0.7
JIRN	Jiri	84.30 299	eP	P	07 59 38.1 -1.1
JIRN	comp=Z,537nm,1.6s				
CRAG	Craig	84.35 31	P	P	07 59 37.5 -0.7
CRAG	comp=Z,19um,20.0s		IAMS_20	IAMS_20	08 30 03.1
CRAG	Crash	84.35 31	P	P	07 59 38.9 +0.7
CRAG	comp=Z,12um,22.0s				
VIS	Vishakhapatnam	84.41 289	eP	P	07 59 38.8 -0.7
VIS	comp=Z,316nm,1.8s		IAMB	IAMB	07 59 57.6
KEBM	Edson Butte	84.42 45	IAMS_20	IAMS_20	08 29 59.6
KEBM	comp=Z,19um,20.0s				
H24K	Noodor Dome	84.42 18	P	P	07 59 37.8 -0.7
H24K	baz=227				
SCRK	Sand Creek	84.42 20	IAMS_20	IAMS_20	08 30 07.8
SCRK	Cave Junction	84.42 20	P	P	07 59 39.1 +0.2
SCRK	baz=231,SNR=60				
SAO	San Andreas Ge	84.52 51	pmax	pmax	07 59 39.9 +0.2
SAO	comp=Z,107nm,1.2s		IAMB	IAMB	07 59 48.2
SAO	San Andreas Ge	84.52 51	P	P	07 59 39.9 +0.2
SAO	comp=Z,107nm,1.1s		IAMB	IAMB	07 59 48.2
O02D	Mt. Dido Mer	84.60 48	P	P	07 59 40.9 +0.8
O02D	baz=251,SNR=58				
GUN	Gumba	84.63 300	eP	P	07 59 40.4 -0.4
L27K	Bever Creek	84.67 22	P	P	07 59 40.6 +0.7
L27K	baz=233,SNR=92				
LO2E	Loch	84.68 45	P	P	07 59 41.0 +0.7
LO2E	baz=250,SNR=15				
BCAR	Bever Creek A	84.69 22	P	P	07 59 40.8 +0.9
COLD	Coldfoot	84.72 16	IAMS_20	IAMS_20	08 32 16.3
COLD	comp=Z,22um,20.0s				
COLD	baz=225,SNR=33				
J01E	Myrtle Point	84.79 44	P	P	07 59 41.7 +0.8
J01E	comp=Z,22um,20.0s				
J01E	baz=250,SNR=11				
P02B	White Mtnar	84.82 45	P	P	07 59 41.5 +0.4
P02B	baz=250,SNR=38				
KMPB	Monarch Peak	84.85 52	P	IAMB	07 59 41.3 -0.1
KMPB	comp=Z,182nm,1.2s		IAMB	IAMB	07 59 59.4
WDC	Whitney Dome	84.91 47	IAMS_20	IAMS_20	08 31 11.8
WDC	comp=Z,22um,20.0s				
N02D	Trinity Center	84.92 47	P	P	07 59 42.4 +0.7
N02D	baz=251,SNR=53				
PKI	Pulchri	84.94 299	eP	P	07 59 41.6 -0.8
PRP	Porcupine Dome	84.94 19	IAMS_20	IAMS_20	08 39 32.4
PRP	comp=Z,13um,18.0s				
PRP	Porcupine Dome	84.94 19	P	P	07 59 40.2 -1.1
M02C	Callan	84.95 46	P	P	07 59 42.7 +0.9
M02C	baz=251,SNR=59				
PKIN	Phulchoki	84.95 299	eP	P	07 59 41.6 -0.8
SNCC	San Nicolas Is	85.00 55	P	P	07 59 42.7 +0.6
SNCC	baz=254				
BESE	Bessie Mountai	85.05 27	P	IAMB	07 59 42.4 +0.6
BESE	comp=Z,337nm,1.7s		IAMB	IAMB	07 59 51.7
HYT	Haines Junctio	85.07 25	P	IAMB	07 59 41.8 -0.2
HYT	comp=Z,608nm,2.3s		IAMB	IAMB	07 59 50.0
KKN	Kakani	85.11 299	eP	P	07 59 42.6 -0.5
SC2Z	Santa Cruz Isl	85.12 54	P	P	07 59 42.7 -0.1
SC2Z	baz=253				
PAGB	Antelope Grade	85.15 52	P	P	07 59 43.2 +0.4
K27K	Chicken	85.16 21	IAMS_20	IAMS_20	08 32 59.5
K27K	comp=Z,14um,20.0s				
K27K	Chicken	85.16 21	P	P	07 59 43.6 +1.3
K27K	baz=233				
YBH	Yreka Blue Hor	85.17 46	IAMS_20	IAMS_20	08 3

15d 7h

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like B05A Bryant, GSC Goldstone, KVN Kaiserville, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like TUC dugway, DUG Dugway, WUAZ Wupatki, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like EDM Edmonton, EDM Edmonton, YNR Norris Junction, etc.

CLL	e	08 10 06.0			
CLL	e	08 10 12.0			
CLL	e	08 11 15.0			
CLL	ePPP	PPP	08 11 40.0		
CLL	e	08 12 02.0			
CLL	ePPPP	08 13 30.0			
CLL	e	08 14 42.0			
CLL	eSKKSac	SKKSac	08 15 42.0 -2.0		
CLL	eSdif	Sdif	08 17 00.0 -2.5		
CLL	ePS	PS	08 19 06.0 -1.1		
CLL	ePPS	PPS	08 20 43.0		
CLL	eSS	SS	08 26 29.0 -1.8		
CLL	eSKSSSKSac	SSS	08 28 47.0		
CLL	eSSS	SSS	08 31 29.0		
CLL	e	08 36 24.0			
CLL	eLmH	08 58 00.0			
CLL	comp=N,5jum,19.7s				
CLL	comp=E,8jum,21.6s	LmH	08 58 00.0		
CLL	comp=Z,9jum,18.3s	LmV	09 14 00.0		
CLL	CLL	133.24 335	ePKIKP	PKIKP	08 06 23.0 -0.4
CLL	CLL		i	MLR	08 06 29.6
CLL	comp=Z,9jum,18.3s	133.35 331	ePKP	PKP	08 06 22.7 +0.2
CLL	CLL		ePP	PP	08 08 49.7 +0.3
CLL	CLL		eSS	SS	08 26 34.1 +1.6
CLL	CLL		ePKIKP	PKIKP	08 06 25.8 +2.0
CLL	CLL		ePKP	PKP	08 06 25.8 +2.0
CLL	CLL		ePKIKP	PKIKP	08 06 21.2 +7.1
CLL	CLL		eSS	SS	08 26 27.1 -7.5
CLL	CLL		eMLR	MLR	
CLL	comp=Z,8jum,23.0s	133.54 333	ePKP	PKP	08 06 31.2 +7.1
CLL	CLL		eSS	SS	08 26 27.1 -7.5
CLL	CLL		eAMS	AMS	08 05 40.0
CLL	comp=Z,8jum,23.0s	133.54 105	eP	PKIKP	08 06 24.9 -0.2
CLL	CLL		ePKIKP	PKIKP	08 06 25.0 +0.9
CLL	CLL		ePKP	PKP	08 06 33.4
CLL	CLL		eSS	SS	08 26 30.1 -4.7
CLL	CLL		eMLR	MLR	
CLL	comp=Z,8jum,19.7s	133.55 333	ePKPDF	PKPDF	08 06 25.0 +0.9
CLL	CLL		ePKP	PKP	08 06 33.4
CLL	CLL		eSS	SS	08 26 30.1 -4.7
CLL	CLL		eAMS	AMS	09 04 50.0
CLL	comp=Z,8jum,19.7s	133.61 332	eSS	SS	08 26 20.0 -1.6
CLL	CLL		eAMS	AMS	09 03 00.0
CLL	comp=Z,8jum,22.9s	133.64 139	eP	PKIKP	08 06 26.4 +1.3
CLL	CLL		ePKP	PKP	08 06 18.0 -6.6
CLL	CLL		ePKIKP	PKIKP	08 06 25.3 +0.2
CLL	CLL		eAMS	AMS	09 06 16.0
CLL	comp=Z,6jum,18.0s	134.03 139	eP	PKIKP	08 06 26.6 +0.4
CLL	CLL		ePKP	PKP	08 06 23.2 -0.7
CLL	CLL		ePKP	PKP	08 06 13.1
CLL	CLL		eAMS	AMS	09 01 37.2
CLL	comp=Z,11jum,20.0s	134.25 76	IAMS_20	IAMS_20	08 58 14.1
CLL	comp=Z,10jum,20.0s	134.28 335	ePKIKP	PKIKP	08 06 26.3 +0.7
CLL	CLL		eMLR	MLR	
CLL	comp=Z,9jum,19.9s	134.28 335	ePKPDF	PKPDF	08 06 25.8 +0.7
CLL	CLL		eSS	SS	08 26 25.8 -1.8
CLL	CLL		eAMS	AMS	09 08 00.0
CLL	comp=Z,9jum,19.9s	134.38 330	P		08 06 26.6 +0.7
CLL	CLL		eP	PP	08 08 58.5 +2.4
CLL	comp=Z,32nm,1.5s	134.50 332	ePKPDF	PKPDF	08 06 25.5 -0.6
CLL	CLL		eX	X	08 06 35.6
CLL	CLL		eX	X	08 26 39.1
CLL	CLL		eX	X	09 10 57.8
CLL	comp=Z,7jum,21.0s	134.60 132	eP	PKIKP	08 06 28.1 +0.9
CLL	CLL		ePKP	PKP	08 06 25.5 +0.6
CLL	CLL		eMLR	MLR	08 06 34.6
CLL	comp=Z,10jum,23.3s	134.61 333	ePKPDF	PKPDF	08 06 25.5 +0.6
CLL	CLL		eX	X	08 06 34.6
CLL	CLL		eSS	SS	08 26 35.1 -1.3
CLL	CLL		eAMS	AMS	09 06 00.0
CLL	comp=Z,10jum,23.3s	134.75 138	eP	PKIKP	08 06 28.8 +1.3
CLL	CLL		ePKP	PKP	08 21 01.2
CLL	comp=Z,10jum,20.0s	134.76 332	PKP	PKP	08 06 24.7 -0.6
CLL	CLL		ePKP	PKP	08 06 28.3 +0.8
CLL	CLL		ePKP	PKP	08 06 26.8 +0.3
CLL	comp=Z,1.8nm,0.7s,baz=310,slow=22,SNR=3.9	134.94 102	PKP	PKP	09 02 33.4
CLL	comp=Z,5jum,19.0s	135.01 330	eP	PKIKP	08 06 28.6 +1.4
CLL	CLL		eP	PP	08 08 59.9 -0.1
CLL	comp=Z,12nm,1.5s	135.03 135	eP	PKIKP	08 06 28.0 -0.1
CLL	CLL		ePKP	PKP	08 06 29.7 +1.5
CLL	CLL		ePKP	PKP	08 06 27.4 +0.5
CLL	CLL		ePKP	PKP	08 06 27.7 +0.2
CLL	comp=Z,8jum,21.0s	135.22 77	eP	PKIKP	08 06 28.6 -0.2
CLL	CLL		ePKP	PKP	08 06 29.1 +0.2
CLL	CLL		ePKP	PKP	08 04 56.5
CLL	comp=Z,6jum,19.0s	135.56 79	eP	PKP	08 06 25.2 -2.4
CLL	CLL		ePKP	PKP	08 06 28.2 +0.6
CLL	CLL		ePKP	PKP	08 06 26.7 -0.3
CLL	comp=Z,17nm,1.4s	135.65 329	iP		08 09 05.1 +1.0
CLL	comp=Z,19nm,1.2s	135.70 83	eP	PKP	08 06 22.2 -5.6
CLL	CLL		ePKP	PKP	08 06 26.3 -1.5
CLL	CLL		ePKP	PKP	08 06 36.2 +6.6
CLL	CLL		ePKP	PKP	08 06 31.1 +1.3
CLL	CLL		ePKP	PKP	08 06 14.8 -1.3
CLL	CLL		ePKP	PKP	08 06 24.8 -2.9
CLL	comp=Z,16nm,1.4s	136.01 329	0	IAMS_20	09 04 42.2
CLL	comp=Z,7jum,19.0s	136.03 80	eP	PKIKP	08 06 32.6 +2.4
CLL	CLL		ePKP	PKP	09 04 33.8
CLL	comp=Z,8jum,19.0s	136.11 80	eP	PKIKP	08 06 31.5 +1.2
CLL	CLL		ePKP	PKP	08 06 30.9 +0.6
CLL	CLL		ePKP	PKP	08 06 31.3 +0.8
CLL	CLL		ePKP	PKP	08 06 28.8 +0.7
CLL	CLL		ePKP	PKP	09 09 59.4
CLL	comp=Z,7jum,19.0s	136.28 80	eP	PKIKP	08 06 32.3 +1.6
CLL	CLL		ePKP	PKP	08 06 30.5 +0.6
CLL	CLL		ePKP	PKP	08 09 05.7 -2.7
CLL	CLL		eSS	SS	08 10 12.6
CLL	CLL		eSS	SS	08 29 23.3 +4.7
CLL	CLL		e		08 32 18.6
CLL	CLL		e		08 42 32.1
CLL	CLL		e		08 44 46.4

ESAR	Angra dos Reis	136.35 141	eP	PKIKP	08 06 30.4 -0.2
MYKA	Terra Mystica	136.37 330	eP	PKP	08 06 28.2 -0.1
BTM	Ternell	136.43 339	dPKP	PKIKP	08 06 31.2 +1.2
MENL	Membach	136.45 340	dPKP	PKIKP	08 06 31.0 +1.1
BSTI	Sart Tilman	136.62 340	dPKP	PKIKP	08 06 32.6 +2.3
BHOH	Houvegnéz	136.66 339	dPKP	PKIKP	08 06 32.1 +1.7
ZOU	Zouplan	136.75 331	IAMS_20	IAMS_20	09 06 23.1
ABTA	comp=Z,9jum,22.0s	136.83 331	eP	PKP	08 06 26.9 -2.3
UBCA	Uccle	136.83 341	IAMS_20	IAMS_20	09 16 28.3
WATA	Waldrar	136.83 332	eP	PKP	08 06 27.0 -2.2
WATA	comp=Z,52nm,1.9s				
WATA	Clavier	136.85 340	dPKIKP	PKIKP	08 09 14.6 +3.1
BCLA	Wattenberg	136.86 332	eP	PKP	08 06 30.8 0.0
WTTA	comp=Z,66nm,1.7s				
VLO	Vlora	136.94 319	IAMS_20	IAMS_20	09 11 14.4
MOTA	Moosalm	137.04 333	eP	PKP	08 06 27.9 -1.8
MOTA	comp=Z,40nm,1.5s				
MOTA	MWR	137.09 333	eP	PKP	08 09 12.8 0.0
RETA	Reutte	137.09 333	eP	PKP	08 06 27.9 -1.7
RETA	comp=Z,14nm,1.3s				
RETA	Sankt Quirin	137.09 333	eP	PKP	08 09 14.6 +1.6
SOTA	comp=Z,45nm,2.0s				
SOTA	comp=Z,38nm,1.8s				
SOTA	comp=Z,37nm,1.7s				
NPBG	Novo Progresso	137.10 113	eP	PKP	08 06 30.6 0.0
SNF	Senefle	137.11 341	dPKP	PKIKP	08 06 30.6 0.0
BLMR	Maredsous	137.13 340	dPKIKP	PKIKP	08 06 31.2 -0.1
WLD	Waldendange	137.19 339	dPKP	PKIKP	08 06 34.1 +2.6
IPameri	IPameri, GO	137.26 132	eP	PKIKP	08 06 32.6 0.0
DOU	Dourbes	137.36 340	dPKIKP	PKIKP	08 06 31.4 -0.2
FETA	comp=Z,35nm,1.5s	137.49 333	eP	PKP	08 06 27.7 -2.8
FETA	comp=Z,28nm,2.0s				
BFO	Black Forest	137.46 336	IAMS_20	IAMS_20	09 13 45.3
YASO1	Vassouras-RJ	137.51 141	eP	PKIKP	08 06 33.5 +0.5
BBGH	Gun Hill	137.54 82	IAMS_20	IAMS_20	09 02 21.8
BBGH	Gun Hill	137.54 82	IAMS_20	IAMS_20	09 02 21.8
BSCB	comp=Z,2jum,20.0s				
DAVA	Bom Sucesso	137.60 138	eP	PKIKP	08 06 33.8 +0.5
DAVA	Damuels	137.63 334	eP	PKP	08 06 29.8 -1.0
DAVA	comp=Z,10nm,0.8s				
ITTB	Itaituba	137.78 109	eP	PKIKP	08 06 34.7 +1.0
DUNB1	Friburgo-RJ	138.31 142	eP	PKIKP	08 06 34.5 -0.2
SDBS	Serra Nova Dujo	138.34 122	eP	PKIKP	08 06 35.4 +0.6
CAM01	Campos-RJ	138.94 142	eP	PKIKP	08 06 36.0 +0.1
SENN1	Lac Senin/Sane	139.45 335	IAMS_20	IAMS_20	09 11 28.1
SENN1	comp=Z,9jum,20.0s				
MALB	Monte Alegre	140.03 106	eP	PKIKP	08 06 37.5 -0.9
DIAM	Diamantina, MG	140.24 137	eP	PKIKP	08 06 38.1 -0.8
ALF01	Guarapari-ES	140.42 142	eP	PKIKP	08 06 37.9 -1.0
ALF01	comp=Z,9jum,18.0s				
MC01	Montes Claros	141.15 135	eP	PKP	08 06 39.3 +1.3
SSB	Saint Sauveur	141.45 336	IAMS_20	IAMS_20	09 20 35.9
RIB01	Linhares ES	141.61 141	eP	PKIKP	08 06 41.9 +0.5
JANB	Jaraguá	141.99 132	eP	PKP	08 06 40.0 +0.6
PRPB	Parauapebas	142.44 115	eP	PKIKP	08 06 41.1 +0.8
MCPB	Macapa, AP	142.60 105	eP	PKP	08 06 44.8 +1.2
NAN01	Guarapari, ES	142.88 140	eP	PKIKP	08 06 43.9 -0.2
SMTB	Santa Maria do	143.07 121	eP	PKIKP	08 06 44.2 -0.4
SMTB	Santa Maria do	143.23 128	eP	PKIKP	08 06 44.2 -0.2
GU01	Guaratinga, BA	144.02 139	eP	PKIKP	08 06 45.6 -0.8
CMC01	Camacã, BA	145.10 138	eP	PKP	08 06 45.2 +0.4
NBIT	Itapeh - BA	145.47 138	eP	PKP	08 06 46.5 +0.9
Tom-Au,PA,BR	Tom-Au,PA,BR	145.59 111	eP	PKP	08 06 47.1 +0.9
KEST	Kesra	146.17 321	eP	PKP	08 06 47.0 -0.2
KEST	comp=Z,39nm,0.8s,baz=310,slow=21,SNR=3.1				
KEST	Kesra	146.17 321	IAMS_20	IAMS_20	09 24 27.7
GDU01	comp=Z,9jum,20.0s	146.25 136	eP	PKP	08 06 48.3 +0.4
NBPN	Ponto Novo - B	147.77 131	eP	PKP	08 06 52.1 -0.1
PBRG	Bragança	148.16 347	ePKP	PKP	08 06 52.7 +0.1
SET	Setif	148.17 326	P	PKP	08 06 56.0 +0.3
PGAV	Gavieira, Arco	148.33 349	ePKP	PKP	08 06 56.0 -0.1
PGAV	Gavieira, Arco	148.33 349	eSS	SS	08 29 28.7 +2.0
PGAV	comp=Z,8jum,18.0s				
H07N1	FLORES T-PHAB5	148.43 242	PKP	PKP	08 06 54.7 -0.2
PCAB	Cabril	148.43 348	eP	PKIKP	08 06 54.4 -0.7
UCM	Universidad Co	148.59 341	PKP	PKP	08 06 57.1 -0.1
UCM	comp=Z,2jum,19.0s				
H07N1	FLORES T-PHAB5	148.67 23	PKP	PKP	08 06 55.1 -0.4
PLO	Lamas de Oio	148.80 348	ePKP	PKP	08 06 56.9 -1.1
MVO	Moncorvo	148.84 347	ePKP	PKP	08 06 55.2 -0.6
MVO	Moncorvo	148.84 347	eSS	SS	08 29 35.1 +2.7
MVO	Moncorvo	148.84 347	LR	LR	09 05 48.4
PVRL	Vila Real	148.88 348	ePKP	PKP	08 06 55.1 +0.7
ROSB	Rosario	148.97 115	eP	PKP	08 06 54.6 -0.8
ADJB	Djebel Djouab	149.25 328	P	PKIKP	08 06 57.0 +0.2
ES01	SONSECA Array	149.37 341	IAMS_20	IAMS_20	09 21 42.9
ES17	SONSECA Array	149.37 341	IAMS_20	IAMS_20	09 22 16.1
ES07	SONSECA Array	149.38 341	IAMS_20	IAMS_20	09 22 21.3
ES02	SONSECA Array	149.38 341	IAMS		

Table with columns: MKAR, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Makanchi Array, Taplejung, Ramite, etc.

MOS 15 08:19:31.4.1.3.54S:101.92E:h56km mb5.3/37, Error ellipse: s-maj=8.9km s-min=4.7km az=112.5
IDC 15 08:19:31.0.6.3.65S:101.91E:h49km,5km,6.4/25, m-bj=1.65km s-min=10.5km az=55.0

ISC 15 08:19:32.3.0.5.374S:104.101.78E:0.04,h59km,4km, az=117.1,MS2/429,mb5.0/132,MS5.8/3,25C-15D,Southern Sumatra

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, ISC, Time, and other parameters. Lists numerous stations across various regions.

Table with columns: KAPI, Station Name, Azimuth, Elevation, SNR, and other parameters. Lists stations like Kappang, Taji, Bone, etc.

Table with columns: WRAB, Station Name, Azimuth, Elevation, SNR, and other parameters. Lists stations like Gorkha, Koln, Dangsing, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CHKK, MAT, MJAR, KUU, KUV, YNG, etc.

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like GROS, ARSA, DUGI, PERS, SOKA, etc.

NEIC 15 09:11:25.04:0.9, 10:40'S:0:10:164E:3:0:1, h35km, 2km, mb4.3/9, Error ellipse: s-maj=27.9km s-min=4.9km az=55.0

IDC 15 09:11:27.2:8.6, 10:49'S:164:25E, h57km, 32km, mb3.6/3, mb1.3/9.5, mb1mx3.4/43, mbtm4.0/5, ML4.2/2, Error ellipse: s-maj=125.1km s-min=23.6km az=38.0

ISC 15 09:11:24.1:3.1, 10:55'S:163:36E:0.2, h24km, m20, c=15122, mb4.2/8, Santa Cruz Islands region

Table with columns for Code, Station Name, Az, SZA, Phase ID, Time, Res. Includes stations like HNR, HNR, HNR, etc.

NEIC 15 09:21:33.2:1.4, 2:94'S:0:05:120:89E:0:10, h26km, 9km, mb4.3/8, Error ellipse: s-maj=14.5km s-min=6.2km az=109.0

DJA 15 09:21:38.0:0.5, 2:52'S:12:3E, h74km, 31km, M4.1/13, mb4.0/1, ML4.2/13

IDC 15 09:21:39.8:6.2:1.2, 94'S:122:80E, h74km, 80km, mb3.2/4, mb1.3/4.6, mb1mx3.2/40, mbtm3.8/5, ML4.0/1, Error ellipse: s-maj=56.0km s-min=22.7km az=50.0

ISC 15 09:21:36.2,0.7,2.02S;0.04;122.81E;0.05,h35km,n35, c242/37,mb3.8/7,Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like APSI, KKSJ, MRSI, etc.

JMA 15 10:08:17.8,0.2,2.7;42N;140.81E,h353km,4km,M3.9

DC 15 10:08:18.8,0.2,2.7;32N;140.28E,h345km,18km, mb3.4/20,mb1.3/6.24,mb1.1mx3.4/56,mbtmp3.1/24, Error ellipse: s-maj=15.0km s-min=14.4km az=178.0

NEIC 15 10:08:21.5,1.3,2.7;53N;0.09;140.28E;0.09, h353km,8km,mb4.038, Error ellipse: s-maj=14.5km s-min=10.5km az=153.0

ISC 15 10:08:20.1,0.5,2.7;52N;0.07;140.40E;0.08,h350km, h350km,pP,P,n7,7,155N/111,mb3.8/40,Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CBIJ, CJUJ, JCHJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BSO1, BSO3, JIE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KKAR, IL31, ILAR, etc.

ISC 15 10:09:55.2,3.1,1.0;87S;163.66E,h0km,mb3.9/4, mb1.4/1.5,mb1mx3.7/43,mbtmp3.9/5, Error ellipse: s-maj=60.0km s-min=40.6km az=75.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZM, DZK, STKA, etc.

SOF 15 10:32:08.6,1.1,4.1;96N;23.01E,h17km,MD2.7

BE0 15 10:32:10.0,4.0,4.1;97N;22.96E,h2km,2km,ML2.0/12

THE 15 10:32:11.8,1.1,4.1;84N;22.96E,h8km,1km,ML2.1/5, Error ellipse: s-maj=2.2km s-min=1.4km az=200.0

ISC 15 10:32:08.6,1.0,4.2;01N;0.02;22.94E;0.03,h18km,2km, n38,c1519/58,7C-6D,Bulgaria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KKB, BOSS, BOSS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SOH, ZAPS, ZAPS, etc.

ISC 15 10:35:41.7,3.8,24.00S;67.69W,h215km,44km,mb3.4/1, mb1.3/6.0,mb1mx3.1/24,mbtmp4.0/3, Error ellipse: s-maj=80.5km s-min=26.6km az=66.0, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like LVC, LVC, LPAZ, etc.

JMA 15 10:44:09.4,0.2,3.4;83N;140.03E,h88km,2km,M3.5

Brocauband fault plane solution: P waves: NP1: 6.2,0.0000; 8.7,0.0000; 1.2,0.0000; NP2: 5.6,166.0000; 8.0,0.0000; 1.55,0.0000; Principal axes: T P1474.0000; Azm1.0000; N P1635.0000; Azm173.0000; P P126.0000; Azm283.0000

JMA Felt 1.1: 15 10:44:10.2,0.8,3.4;89N;0.02;140.13E;0.07,h82km,8km, mb24/211 Error ellipse: s-maj=8.5km s-min=2.0km az=79.0

DC 15 10:44:11.4,1.1,4.1,0.34;81N;139.90E,h95km,9km,mb3.4/10, mb1.3/6.13,mb1mx3.4/35,mbtmp3.7/13,MS4.1/1, MS1.4/1,ms1mx3.1/37, Error ellipse: s-maj=23.9km s-min=6.3km az=72.0

ISC 15 10:44:05.0,7.3,34.38N;0.04;140.07E;0.05,h85km,5km, n75,c090/84,mb4.0/17,5C-8D,Near east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TATJ, TATJ, BSO4, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like H11S3 WAKE ISLAND, H11S1 WAKE ISLAND, H11S2 WAKE ISLAND, etc.

MDD 15 10:48:58.5, 1.1, 34.75N; 5.85W, h0km, mblg2.5/20, Error ellipse: s-maj=10.3km s-min=6.5km az=177.0, PRXIMO SFS 15 10:48:58.0, 34.77N; 5.87W, ML2.5, SOUK ARBA GHARB (MARU) ECU3 CNRM 15 10:48:59.7, 5.077N; 5.77W, h20km, m1.3 IIGL 15 10:49:00.2, 34.84N; 5.56W, h18km, ML2.4 INMG 15 10:49:00.2, 1.3, 34.84N; 5.56W, h18km, 8km, ML2.3, Error ellipse: s-maj=6.6km s-min=2.7km az=76.0 ISC 15 10:48:58.0, 7.3478N; 0.022577W; 0.02, h10km, n77, 0184/146, Morocco

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RSA Sarsar, CHEFC Chefchaouen, SMIR Smir Dam, CEUTA Ceuta, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PCVE Castro Verde, PCVE Castro Verde, PCVE Castro Verde, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HEF comp=Z,3.0nm,0.2s MSG, HEF KLF, HEF KLF, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like I37N I37NO, I37N I37NO, I37N I37NO, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like I37N I37NO, I37N I37NO, I37N I37NO, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like I37N I37NO, I37N I37NO, I37N I37NO, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MRSB, TURN, ZKR, etc.

15d 11:38:19.9, 9.2, 51.57N, 178.45E, h0km, mb3.4/4, mb1 3.9/5, mb1mx3.4/44, mbtmp3.9/7, ML3.8/1, MS3.5/1, Ms1 3.6/3, ms1mx3.0/39, Error ellipse: s-maj=182.5km s-min=65.9km az=110.0, Error ellipse: s-maj=37.9km s-min=9.3km az=189.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like LSSA, LSNW, LSPA, etc.

15d 11:45:45.2, 1.3, 23.3, 49N, 96.85E, h0km, mb3.9/6, mb1 4.0/7, mb1mx3.6/41, mbtmp3.9/7, ML3.7/1, MS3.4/3, Ms1 3.5/3, ms1mx3.0/39, Error ellipse: s-maj=45.5km s-min=14.9km az=71.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KOHI, MOKO, LKP, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ITAN, SHL, SHL, CHIANG MAI, etc.

KRSC 15 12:00:18.3, 2.49, 03N, 156.38E, h16km, 36km, ML3.7, Kuril Islands

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

15d 12:00:21.7, 13.0, 20.91N, 143.13E, h406km, 134km, mb2.7/4, mb1 2.9/4, mb1mx2.6/58, mbtmp4.0/12, ML4.1/1, MS3.7/11, Ms1 3.7/11, ms1mx3.4/29, Error ellipse: s-maj=33.5km

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like s-min=13.6km az=73.0, DJA, NEIC, ISC, etc.

Table with columns: BRTR, Wnda, Keskin Array B, Keskin Array B, South Pole Qui, CNMP, BOS, etc. Includes station names, coordinates, and technical details.

ANF 15 12:36:25.7-0.2,36:01N-97:56W,h5km,ML3.4/14, Error ellipse: s-maj=2.6km s-min=2.4km az=18.0

TUL 15 12:36:25.7-1.5,35:98N-01:01:97:55W-0.02,h5km,7km, ML3.0,mb_Lg2.8/69(NEIC), Error ellipse: s-maj=2.7km s-min=1.6km az=67.0

NEIC 15 12:36:25.8-1.1,36:00N-01:00:97:57W-0.02,h3km,7km, Error ellipse: s-maj=2.8km s-min=0.4km az=73.0,

Main table for Oklahoma stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Liberty Lake, Bluff Creek, etc.

Main table for Missouri stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Mount Ida, Washette, etc.

Main table for Florida and other stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Villa Florida, Iturama, etc.

JMA 15 12:53:11.8-0.2,23:96N-122:45E,h17km,4km,M2.2 TAP 15 12:53:12.0,24:03N-122:41E,h12km,1km,ML2.5,D ISC 15 12:53:11.3-1.1,23:98N-01:02:122:43E-0.02,h13km,9km,

n51,0:47:95,Taiwan region

Main table for Taiwan region stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Yonagunijimaku, Yonaguni jima, etc.

IDC 15 12:41:54.3-1.4,9:48S;79:98W,h0km,mb3.5/4,mb1 4.0/7, mb1mx3.8/28,mbtmp3.7/7,ML3.7/3,MS3.6/2,Mst1 3.7/2, ms1mx3.1/24, Error ellipse: s-maj=31.6km s-min=23.9km az=28.0

VAO 15 12:42:00.0-0.3,9:43S;79:48W,h10km,mb4.6

ISC 15 12:41:58.9-0.8,9:40S;0:07:79:8W-0.01,h24km,n42, e=1508/35,mb3.7/5,Off coast of northern Peru

Table for VAO and ISC stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like AATHA, ATAH, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GRF, CLL, Collm, etc.

IDC 15 13:10:00.3:3.8, 13.83N:91.03W, h38km, 22km, mb4.3/5, mb1.4/7.6, mb1mx4.1/39, mbmt4.5/6, ML4.9/1, M5.6/1, Ms 1.3/6/1, ms1mx3.4/4 Error ellipse: s-maj=115.5km s-min=23.4km az=2.0

ISC 15 13:09:59.8:1.4, 13.8N:05.910W:0.4, h35km, n8, c084/13, mb4.6/5, Near coast of Guatemala

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

JMA 15 13:29:23.6:0.2, 24.71N:122.05E, h67km, 4km, M3.0 TAP 15 13:29:24.5, 24.74N, 122.06E, h58km, ML3.5, B ISC 15 13:29:24.4:1.2, 24.73N:0.003:122.08E:0.02, h61km, 5km, n118, c087/220, 2D, Taiwan region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWB1, ILA, TWPB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HSN, CHGB, ESL, etc.

Table with columns: Call Sign, Station Name, Frequency, Class, Power, and other technical details. Includes stations like TWK, CHN1, CHN1, CHN1, etc.

MAN 15 14:14:44.1,673N:123.93E,h38km,mb3.8,ML2.5,MS2.0, Mindanao

IDC 15 14:28:39.6,3.7,23.97S:177.84W,h249km,30km, mb3.3/1.0,mb1.3,5/1.1,mb1mx3.5/2.4,mbtmp3.9/1.1,Error ellipse: s-maj=30.0km s-min=17.1km az=121.0

ISC 15 14:26:39.2,0.6,24.05S:177.7W,0.1,h250km,n23, +r18/24,mb3.5/1.0,South of Fiji Islands

Table with columns: Code, Station Name, Frequency, Class, Power, and other technical details. Includes stations like MSVF, DZM, STKA, ASAR, etc.

TUL 15 14:32:03.1,4.35,673N:0.006,97.40W,0.01,h6km,4km, ML2.8,mb_Lg2.5/40(NEIC),Error ellipse: s-maj=1.6km s-min=0.5km az=122.0

NEIC 15 14:32:02.8,1.0,35.69N:0.01,97.41W,0.01,h8km,3km, Error ellipse: s-maj=1.7km s-min=1.5km az=57.0, Oklahoma

Table with columns: Code, Station Name, Frequency, Class, Power, and other technical details. Includes stations like OK009, OK029, OK025, etc.

Table with columns: Call Sign, Station Name, Frequency, Class, Power, and other technical details. Includes stations like OKKFA, OKCFA, OKCWS, etc.

IDC 15 15:03:06.4,3.0,4.43S:136.19E,h0km,mb3.8/1, mb1.4/0.4,mb1mx3.5/2.8,mbtmp3.8/4,ML3.8/3,Error ellipse: s-maj=60.2km s-min=21.4km az=80.0

ISC 15 15:03:10.3,2.6,4.35S:0.2,136.2E,0.4,h35km,n4,+06/30/6, Irian Jaya region

Table with columns: Code, Station Name, Frequency, Class, Power, and other technical details. Includes stations like SIJU, WRA, WRA, ASAR, etc.

NEIC 15 15:25:06.8,1.7,10.34N:0.08,126.17E,0.05,h23km,6km, mb4.4/1.7,Error ellipse: s-maj=12.3km s-min=5.1km az=149.0

MAN 15 15:25:08.3,10.29N:126.18E,h2km,mb5.3,ML4.3,MS4.4 IDC 15 15:25:09.1,4.2,10.29N:126.17E,h2km,39km,mb3.9/2.6, mb1.4/0.2,mb1mx3.9/4.7,mbtmp4.2/2.6,MS3.5/1.5, MS1.3,5/1.5,ms1mx3.2/4.9,Error ellipse: s-maj=21.6km s-min=11.1km az=78.0

ISC 15 15:28:20.4,10.38N:0.05,126.37E,0.07,h35km,n94, +r30/3,mb4.2/4.2,MS3.5/1.4,5C-4D, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Class, Power, and other technical details. Includes stations like SCPH, MSPL, MSPL, etc.

Table with columns: Call Sign, Station Name, Frequency, Class, Power, and other technical details. Includes stations like CM05, CM02, CM02, CMAR, etc.

IDC 15 15:46:59.6,28.0,22.07S:174.17W,h0km,mb3.9/4, mb1.4/1.4,mb1mx3.6/5.7,mbtmp3.9/4,Error ellipse: s-maj=525.0km s-min=156.5km az=77.0,Tonga Islands region

Table with columns: Code, Station Name, Frequency, Class, Power, and other technical details. Includes stations like CTA, STKA, ASAR, etc.

IDC 15 15:55:30.7,1.4,45.54N:81.98E,h0km,mb3.7/3, mb1.3/7.6,mb1mx3.4/5.7,mbtmp3.4/6,ML2.7/3,Error ellipse: s-maj=18.9km s-min=11.5km az=72.0

SOME 15 15:55:33.0,4.555N:81.85E,h5km, NNC 15 15:55:34.2,0.8,45.62N:81.83E,h0km,mb4.1,mpv3.8, Error ellipse: s-maj=10.9km s-min=3.1km az=118.0

ISC 15 15:57:32.7,1.2,45.54N:0.03,81.81E,0.04,h18km,6km, n58,+28/07,mb1.3/3.6,1.7C-9D,Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Frequency, Class, Power, and other technical details. Includes stations like MAKZ, MAKZ, etc.

15d 16h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MK31 Makanchi Array, MKAR Makanchi Arra, and various other stations across the region.

2015 AUG

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KURBB, KURBB Kurchatov Arra, and various other stations across the region.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like PET, PET, and various other stations across the region.

KRSC IS 15:16:46:25.1,0.5,56:09N:161.84E, h78km,7km, M/L4.6
MOS 15:16:46:25.9,0.8,56:13N:161.81E, h69km, mb,4.4/5, Error ellipse: s-maj=9.6km s-min=4.1km az=72.2
IDC 15:16:46:29.7,2.3,56:19N:161.45E, h87km,22km, mb,3.5/17, mb1 3.7/22, mb1mx3.6/43, mbtmp3.9/22, MS2.7/4, Ms1 2.7/4, ms1mx2.5/39, Error ellipse: s-maj=17.4km s-min=13.0km az=153.0
ISC 15:16:46:28.4,0.5,56:10N:160.03E, h81km,3km, h80km, P-P, n134, c190/171, mb,3.9/23, 2C-7D, Near east coast of Kamchatka Peninsula

Table with columns for Code, Station Name, Az, Phase, Time, Res, and other parameters. Lists various stations and their associated data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GERES, WARRAMUNGA ARR, ASAR, WRA, ESOC, etc.

IDC 15 16:47:51.4,2.2,7.23S,129.69E,h137km,29km,mb2.9/1, mb1 3.3/5,mb1mx3.1/28,mbtmp3.7/5,Error ellipse: s-maj=37.7km s-min=23.0km az=94.0

ISC 15 16:47:48.6,1.0,7.31S,129.07E,0.1,h100km,n5, c=375/8,Banda Sea

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

IDC 15 17:05:16.2,1.9,24.60S,179.90E,h498km,17km,mb3.0/4, mb1 3.3/6,mb1mx3.0/26,mbtmp4.0/6,Error ellipse: s-maj=27.0km s-min=20.0km az=131.0

NEIC 15 17:05:18.2,1.8,24.6S,0.1x180.0E,0.2,h532km,10km, mb4.7/21,Error ellipse: s-maj=21.8km s-min=18.7km az=101.0

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

IDC 15 17:11:19.9,2.1,18.11S,178.20W,h535km,20km,mb3.6/7, mb1 3.7/8,mb1mx3.2/33,mbtmp4.4/8,Error ellipse: s-maj=30.8km s-min=20.1km az=104.0

NEIC 15 17:11:20.7,1.6,17.9S,0.1x178.3W,0.1,h539km,8km, mb4.4/34,Error ellipse: s-maj=18.9km s-min=14.9km az=136.0

ISC 15 17:11:20.8,0.6,17.9S,0.1x178.24W,0.09,h550km,n48, c=99/46,mb4.5/23,Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF, MSVF, URZ, URZ, etc.

NOU 15 17:12:57.4,18.61S,169.33E,h213km,ML4.5/13, Vanuatu Islands

NEIC 15 17:12:58.1,1.6,18.53S,0.07x169.10E,0.1,h224km,7km, mb4.7/48,Error ellipse: s-maj=12.6km s-min=9.9km az=104.0

IDC 15 17:12:58.2,1.7,18.52S,169.06E,h227km,16km, mb2.6/13,mb1 3.8/15,mb1mx3.7/39,mbtmp4.2/15,Error ellipse: s-maj=16.4km s-min=13.6km az=160.0

ISC 15 17:12:55.0,0.5,18.47S,0.05x169.14E,0.07,h201km,n89, c=153/89,mb4.5/33, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RTV, DZM, LFNC, LFNC, etc.

IDC 15 17:26:27.2,1.1,3.1N,3.12E,h15km,10km,M4.7/13, mb4.8/11,mb5.2/6,ML4.4,813,Mw(MB)4.5/6

IDC 15 17:26:28.9,2.6,3.18N,128.16E,h10km,26km,mb3.8/11, mb1 4.0/13,mb1mx3.7/39,mbtmp4.2/13,Error ellipse: s-maj=32.8km s-min=13.1km az=72.0

NEIC 15 17:26:30.8,2.0,2.96N,0.06x127.82E,0.07,h120km,6km, mb4.5/39,Error ellipse: s-maj=10.0km s-min=8.1km az=72.0

ISC 15 17:26:28.4,0.4,3.00N,0.04x127.86E,0.05,h100km,n84, c=1970/96,mb4.3/30,Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BFZ, TUWZ, SNZO, MSWZ, CAN, etc.

IDC 15 17:23:35.9,2.4,7.88S,129.18E,h57km,27km,mb3.8/2, mb1 3.9/6,mb1mx3.4/37,mbtmp4.0/6,Error ellipse: s-maj=28.2km s-min=21.6km az=144.0

ISC 15 17:23:34.1,1.0,7.96S,0.08x129.23E,0.10,h39km,n6, c=289/9,Banda Sea

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

IDC 15 17:26:27.2,1.1,3.1N,3.12E,h15km,10km,M4.7/13, mb4.8/11,mb5.2/6,ML4.4,813,Mw(MB)4.5/6

IDC 15 17:26:28.9,2.6,3.18N,128.16E,h10km,26km,mb3.8/11, mb1 4.0/13,mb1mx3.7/39,mbtmp4.2/13,Error ellipse: s-maj=32.8km s-min=13.1km az=72.0

NEIC 15 17:26:30.8,2.0,2.96N,0.06x127.82E,0.07,h120km,6km, mb4.5/39,Error ellipse: s-maj=10.0km s-min=8.1km az=72.0

ISC 15 17:26:28.4,0.4,3.00N,0.04x127.86E,0.05,h100km,n84, c=1970/96,mb4.3/30,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Sangihe, Manado, Davao City, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Karatay Array, Borovoye, Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PPT2, PPT2, PPT2, etc.

JOW	comp=Z,698nm,20.9s,baz=108,slow=33	P	P	17 41 05.8	-1.5
JOW	Kunigami	75.74 311	I Amb	17 41 15.7	
MAW	comp=Z,40nm,1.1s	P	P	17 41 09.5	+2.5
MAW	Mawson	75.78 200	P	17 41 09.9	+3.0
MAW	Mawson	75.78 200	P	17 41 09.9	+3.0
MAW	comp=Z,10nm,0.7s,baz=132,slow=8.3,SNR=21	LR	LR	18 14 50.2	
MAW	comp=Z,2um,18.6s,baz=116,slow=36	P	P	17 41 08.9	+2.0
MAW	Mawson	75.78 200	P	17 41 09.6	-0.6
JMM	Marumori	76.28 326	I Amb	17 41 26.8	
JMM	comp=Z,28nm,1.2s	P	P	17 41 08.8	-1.6
INU	Inuyama	76.32 322	P	17 41 09.2	-1.4
JGF	Kuroka	76.33 323	I Amb	17 41 15.9	
JGF	comp=Z,16nm,0.8s	P	P	17 41 09.3	-2.6
MJAR	Matsushiro Arr	76.58 324	P	17 41 09.3	-2.6
MJAR	comp=Z,23nm,1.0s,baz=158,slow=5.6,SNR=47	LR	LR	18 09 10.1	
MJAR	comp=Z,498nm,21.8s,baz=140,slow=31	P	P	17 41 09.3	-2.6
MJAR	Matsushiro Arr	76.58 324	P	17 41 09.3	-2.6
MJAR	comp=Z,24nm,1.1s	P	P	17 41 12.5	
MJAR	Matsushiro Arr	76.58 324	P	17 41 10.0	-1.9
MAJO	Matsushiro	76.58 324	P	17 41 10.0	-1.9
MAJO	comp=Z,34nm,1.1s	P	P	17 41 10.0	-1.9
MAJO	Matsushiro	76.58 324	P	17 41 10.0	-1.9
MAT	comp=Z,34nm,1.1s	P	P	17 41 09.4	-2.5
MAT	Matsushiro	76.58 324	P	17 41 09.2	+0.2
MAT	Matsushiro	76.58 324	P	17 41 11.3	-0.7
MJB9	Matsu-Tunnel	76.59 324	P	17 41 12.8	-1.1
JMN	Monobe	76.91 319	I Amb	17 41 14.7	
JMN	comp=Z,34nm,1.1s	P	P	17 41 13.3	-1.9
JWT	Wachi	77.17 321	P	17 41 15.8	-0.1
JWT	comp=Z,32nm,1.0s	P	P	17 41 14.8	-2.0
GO09	Cerro Castillo	77.29 141	P	17 41 16.2	-1.8
JSD	Suzuyama	77.43 315	P	17 41 19.9	
JSD	Sado	77.69 325	I Amb	17 41 18.0	-1.8
JSD	comp=Z,24nm,0.9s	P	P	17 41 18.0	-1.8
YOJ	Yonaguni jima	77.94 306	P	17 41 18.0	-1.8
YOJ	comp=Z,91nm,1.1s	P	P	17 41 16.8	-3.3
YOJ	Yonaguni jima	77.94 306	P	17 41 16.8	-3.3
KASI	Kota Agung	77.95 270	P	17 41 19.7	-1.6
JNS	comp=Z,65nm,0.9s	P	P	18 12 19.8	
JNS	Saijiyo	78.26 320	LR	18 12 19.8	
JNS	Nakatsue	78.28 317	LR	17 41 19.5	-2.0
JNU	comp=Z,398nm,19.7s,baz=194,slow=33	P	P	17 41 21.1	-1.0
JNU	Nakatsue	78.43 328	P	17 41 22.6	+0.4
JTM	Tenmabayashi	78.46 330	P	17 41 22.6	+0.4
ERM	Erimo	78.46 330	P	17 41 22.6	+0.4
ERM	comp=Z,87nm,1.6s	P	P	17 41 21.8	-1.4
ERM	Erimo	78.46 330	P	17 42 51.8	
YULB	Yu-li	78.55 304	I Amb	17 41 21.1	-3.1
MDSI	Maura Dua	78.69 271	P	17 41 24.6	-0.4
YUK	comp=Z,37nm,0.9s	eP	S	17 51 26.2	+3.8
YUK	Yuzh-Kuril'sk	78.98 333	eP	17 41 24.6	-0.4
YUK	comp=Z,643nm,19.0s	MLR	MLR	17 41 24.6	-1.3
YUK	comp=N,614nm,15.0s	MLR	MLR	17 41 24.6	-1.3
SSLB	Suangleung	79.04 304	P	17 41 25.0	-1.2
SSLB	comp=Z,23nm,1.1s	I Amb	I Amb	17 41 30.8	
KUR	Kuril'sk	79.20 335c	iP	17 51 39.0	-1.8
KUR	comp=Z,638nm,4.5s	eS	SKSac	17 56 29.8	-2.4
KUR	comp=Z,792nm,18.0s	eSS	SS	17 41 42.9	
KUR	comp=N,756nm,15.0s	MLR	MLR	17 41 25.8	-1.4
YHNB	Yeheng	79.25 305	P	17 41 25.8	-1.4
YHNB	comp=Z,39nm,1.2s	I Amb	I Amb	17 41 26.4	-1.2
TATO	Taipei	79.35 305	P	17 41 29.9	-0.1
JEW	Eniwō	79.88 330	P	17 41 32.1	+0.5
COYC	Coyhaique	80.14 136	P	17 41 32.9	+0.2
JKA	Kamikawa-asahi	80.40 331	I Amb	17 41 34.6	
ASAJ	comp=Z,24nm,1.0s	LR	LR	18 10 58.2	
ASAJ	Asahikawa	80.40 331	LR	17 41 32.9	+0.1
ASAJ	comp=Z,46nm,1.1s	P	P	17 41 33.9	-0.1
KSI	Kapaliang	80.48 271	P	17 41 34.1	+1.0
SYO	Syowa Base	80.51 192f	eP	17 41 37.6	-3.1
SYO	Syowa Base	80.51 192f	eP	17 41 41.6	+1.6
SYO	Syowa Base	80.51 192f	eP	17 41 39.2	+2.1
SNA4	Sanae	81.24 178	P	17 41 45.9	+2.2
SNA4	Sanae	81.24 178	P	17 41 40.8	+0.9
SNA4	Sanae	81.24 178	P	17 41 38.6	+1.5
SNA4	Neumayer Olymp	81.32 176	P	17 41 46.1	+2.5
VNA3	Neumayer Olymp	81.32 176	P	17 41 33.1	-4.6
SKR	Severo-Kuril's	81.36 343	eP	17 46 41.3	
SKR	comp=Z,23nm,1.5s	ePPP	PPP	17 51 45.4	-1.8
SKR	comp=Z,100nm,6.4s	eS	S	17 41 38.9	+1.4
SKR	comp=Z,200nm,4.9s	MLR	MLR	17 41 45.9	+2.2
SKR	comp=Z,500nm,16.0s	MLR	MLR	17 41 40.8	+0.9
SKR	comp=Z,400nm,17.0s	MLR	MLR	17 41 37.9	-1.0
OZH	Quanzhou	81.46 304	iP	17 51 52.9	+3.5
OZH	comp=Z,340nm,6.1s	S	S	17 41 45.5	-0.1
OZH	comp=Z,470nm,17.5s	LR	LR	17 41 41.7	+0.7
OZH	comp=Z,410nm,18.5s	LR	LR	17 41 43.5	+0.7
OZH	comp=Z,550nm,17.1s	LR	LR	17 41 43.5	+0.9
LP1G	La Paz	81.57 58	LR	18 09 55.9	
VNA2	Neumayer-Watz	81.78 176	P	17 41 40.8	+0.9
VNA2	Neumayer-Watz	81.78 176	P	17 41 45.5	-0.1
VNA1	Neumayer-Stat	82.00 176	P	17 41 41.7	+0.7
TJN	Taejon	82.60 317	P	17 41 45.3	+0.7
YSS	Yuzh-Sakhalins	82.62 333c	eP	17 41 43.5	-0.9
YSS	comp=Z,200nm,0.9s	eSP	SP	17 41 51.4	-0.9
YSS	comp=Z,400nm,5.5s	eS	S	17 52 52.4	
YSS	comp=Z,20nm,0.9s	SMAX	SMAX	17 41 44.3	-1.3
YSS	comp=N,500nm,8.5s	MLR	MLR	17 52 00.3	-2.4
YSS	comp=Z,500nm,14.0s	MLR	MLR	17 52 22.5	-4.2
YSS	comp=N,300nm,16.0s	MLR	MLR	17 41 42.0	-2.5
YSS	Yuzh-Sakhalins	82.62 333	P	17 41 53.9	
PET	comp=Z,20nm,0.7s	eP	P	17 41 42.0	-2.5
PET	Petrovsk	82.88 345	eP	17 52 00.3	-2.4
PET	comp=Z,20nm,0.7s	eSS	SS	17 52 22.5	-4.2

PET	comp=Z,400nm,5.8s	PMAX	PMAX	17 41 15.7	
PET	comp=Z,300nm,14.6s	MLR	MLR	17 41 15.7	
PET	comp=Z,500nm,18.0s	MLR	MLR	17 41 15.7	
PFO	comp=Z,400nm,16.0s	P	P	17 41 45.3	-1.4
PFO	Pinyon Flats O	82.95 47	P	17 41 45.3	-1.4
PFO	comp=Z,15nm,1.4s	P	P	17 41 45.3	-1.4
ISA	Isabella, Lake	82.99 44	P	17 41 46.8	+0.1
ISA	comp=Z,20nm,1.5s	P	P	17 41 46.8	+0.1
ISA	Isabella, Lake	82.99 44	P	17 41 46.8	+0.1
ISA	comp=Z,20nm,1.4s	P	P	17 41 47.4	+0.6
ISA	Isabella, Lake	82.99 44	P	17 41 45.4	-1.2
KSRS	Korea Array	82.99 318	P	17 41 45.4	-1.2
KSRS	comp=Z,9.2nm,1.0s,baz=142,slow=5.9,SNR=35	LR	LR	18 12 23.7	
KSRS	comp=Z,406nm,21.6s,baz=126,slow=31	LR	LR	18 12 23.7	
CNBA	Chernabura Isl	82.99 10	P	17 41 45.9	-0.2
KSAR	Wonju Array Be	83.00 318	P	17 41 45.4	-1.2
KSAR	Wonju Array Be	83.00 318	P	17 41 45.4	-1.2
KS19	Wonju Array Si	83.05 318	P	17 41 44.5	-2.5
KS19	comp=Z,34nm,1.3s	I Amb	I Amb	17 41 44.0	
PEA0B	Petrovsk	83.18 345	P	17 41 46.7	-0.5
PEA0B	comp=Z,41nm,1.6s	P	P	17 41 46.6	-0.5
PEA0B	Petrovsk	83.18 345	P	17 42 05.8	
PEA0B	comp=Z,41nm,1.6s	P	P	17 41 46.3	-0.9
PETK	Petrovsk	83.18 345	P	17 41 46.3	-0.9
PETK	comp=Z,5.3nm,0.8s,baz=167,slow=10,SNR=13	LR	LR	18 12 19.3	
PETK	comp=Z,741nm,21.9s,baz=161,slow=31	LR	LR	18 12 19.3	
PETK	Petrovsk	83.18 345	P	17 41 45.2	-2.0
SSE	Sheshan	83.24 310	P	17 41 46.6	-1.4
SSE	comp=Z,17nm,0.7s	PMAX	PMAX	17 52 07.4	+0.1
SSE	comp=Z,170nm,3.8s	PMAX	PMAX	17 57 36.1	+3.2
SSE	comp=Z,150nm,18.1s	LR	LR	17 41 47.4	-1.4
CMB	Columbia Colle	83.40 41	P	17 41 47.4	-1.4
CMB	comp=Z,17nm,1.6s	P	P	17 41 47.4	-1.4
CMB	Columbia Colle	83.40 41	P	17 42 04.9	
CMB	comp=Z,17nm,1.6s	I Amb	I Amb	17 41 48.1	-1.1
KHMM	Horse Mountain	83.47 37	P	17 41 50.3	+0.6
BELC	Belle Mtn. Jos	83.49 47	P	17 41 51.3	+2.0
O02D	Mt. Diablo Mer	83.49 38	P	17 41 51.3	+2.0
PLCA	Paso Flores	83.51 133	LR	18 12 48.0	
PLCA	comp=Z,676nm,18.6s,baz=242,slow=31	LR	LR	18 12 48.0	
PLCA	Paso Flores	83.51 133	P	17 41 50.4	+0.8
PLCA	comp=Z,62nm,1.9s	PMAX	PMAX	17 41 50.4	+0.8
PLCA	Paso Flores	83.51 133	P	17 41 50.3	0.0
GLA	Glamis	83.67 48	P	17 41 50.3	0.0
GLA	comp=Z,10.0nm,1.2s	PMAX	PMAX	17 41 50.0	-0.2
GLA	Glamis	83.67 48	P	17 42 21.8	
AFDM	Forest Hills D	83.67 40	I Amb	17 41 50.9	+0.2
CWC	Cottonwood Crs	83.73 44	P	17 41 50.9	+0.2
CWC	comp=Z,14nm,1.3s	S	S	17 52 18.5	+6.0
CWC	baz=230	S	S	17 41 48.3	-2.4
INCN	Inchon	83.77 318	P	17 41 48.3	-2.4
INCN	comp=Z,57nm,1.6s	PMAX	PMAX	17 41 48.3	-2.4
INCN	Inchon	83.77 318	P	17 41 50.4	-0.3
ORV	Oroville	83.78 39	P	17 41 50.4	-0.3
ORV	comp=Z,10.0nm,1.3s	PMAX	PMAX	17 41 50.0	-1.0
ORV	Oroville	83.78 39	P	17 41 50.0	-1.0
GSC	Goldstone, Bar	83.80 45	PMAX	17 41 50.0	-1.0
GSC	comp=Z,35nm,1.9s	I Amb	I Amb	17 42 06.2	
GSC	Goldstone, Bar	83.80 45	P	17 41 50.0	-1.0
TEY	Terne	83.80 328	eP	17 41 47.2	-3.3
KRMB	Red Mountain	83.83 37	P	17 41 49.9	-1.1
MDPB	Devils Postpil	83.91 42	P	17 41 49.4	-2.3
WDC	Whiskeytown Da	83.91 38	P	17 41 49.3	-2.0
WDC	comp=Z,11nm,1.0s	PMAX	PMAX	17 41 49.3	-2.0
WDC	Whiskeytown Da	83.91 38	P	17 41 49.3	-2.0
WDC	comp=Z,11nm,0.9s	I Amb	I Amb	17 41 50.7	-1.0
HSIG	Trinity Creek	83.92 53	P	17 41 52.9	+0.6
N02D	baz=226	84.09 38	P	17 41 52.9	+0.6
O03E	Paynes Creek	84.12 39	P	17 41 52.9	+0.6
IRM	Iron Mountain	84.14 47	P	17 41 53.7	+1.0
IRM	comp=Z,232	S	S	17 52 21.1	+4.6
IRM	Iron Mountain	84.14 47	P	17 41 52.0	-0.9
113A	Mohawk Valley,	84.20 49	P	17 41 54.3	+0.9
M02C	Callahan	84.30 37	P	17 41 54.3	+0.9
214A	Organ Pipe Nat	84.35 50	S	17 52 23.9	+5.2
TUO	Turquoise Moun	84.44 45	S	17 52 24.4	+4.8
SHOC	Shoshone, Tecco	84.51 45	P	17 41 56.5	+2.0
GRAC	Grapevine Rang	84.53 44	P	17 41 55.4	+0.8
PNTR	Pine Nut	84.56 41	P	17 41 54.1	-0.8
YBH	Yreka Blue Hor	84.61 37	P	17 41 54.5	-0.5
YBH	comp=Z,11nm,1.3s	PMAX	PMAX	17 41 54.2	-1.0
YBH	Yreka Blue Hor	84.61 37	P	17 42 11.3	
BEKR	Beckworth	84.64 40	I Amb	17 41 54.3	-0.8
LHV	Little Huntoon	84.66 42	P	17 41 54.3	-0.8
LHV	comp=Z,17nm,1.3s	I Amb	I Amb	17 42 15.2	
YERR	Yerington	84.70 41	P	17 41 55.1	-0.5
YERR	comp=Z,19nm,1.4s	I Amb	I Amb	17 42 11.7	
NVAR	Mina Array Be	84.89 42	P	17 41 56.6	0.0
NVAR	comp=Z,14nm,0.7s,baz=221,slow=7.5,SNR=12	LR	LR	18 13 25.6	
NVAR	comp=Z,994nm,19.1s,baz=253,slow=31	LR	LR	18 13 25.6	

831

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like BTLS, KK31, KK31, KKAR, etc.

2015 AUG

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like ELL, YSS, ERM, etc.

15d 18h

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like KBS, KINGSBAY, SQT, etc.

NEIC 15 18:26:49.0;2.7.27:00S;0:09:17S;7W;0.1, h20km, 5km, mb4.7/15, Error ellipse: s-maj=15.9km s-min=10.1km az=128.0

Table with columns: REMY, Saint-Rhmy-en, 0.87 200, P, Pg, 18 34 32.7 +0.3. Includes stations like Remy, Charmoille, Wetzswil, Sulz, Morge, Cabf, Traversella, Lago del Serru, Muggio, Hinteralf, La Plagne, Damuels, Oppenau, etc.

Table with columns: SQTA, Savonnières en, 2.57 321, ePn, Pn, 18 34 58.3 +1.6. Includes stations like Savonnières en, Signal de Mont, Lormes, Wattenberg, etc.

Table with columns: RAO, Raoul Island, 2.77 211, Pn, Pn, 18 35 37.6 0.0. Includes stations like Raoul Island, Nonsau, Charters Tower, etc.

IDC 15 18:40:05.4z 1.1, 28.35N, 43.62W, h0km, mb3.8/8, mb1 4.1/8, mb1mx3.8/41, mbtmp3.8/8, MS3.8/1, Ms1 3.8/1, ms1mx3.1/33, Error ellipse: s-maj=36.2km s-min=23.3km az=153.0

ISC 15 18:40:07.2z 1.1, 28.3N, 02.43.6W, 0.2, h12km, n14, 086.8, mb4.0/8, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H10N2 ASCENSION HYDR45.66 138 T, H10N3 ASCENSION HYDR45.66 138 T, etc.

IDC 15 18:41:56.4z 1.2, 28.29N, 43.72W, h0km, mb3.8/8, mb1 4.1/8, mb1mx3.8/40, mbtmp3.8/8, MS3.5/1, Ms1 3.5/1, ms1mx3.0/36, Error ellipse: s-maj=38.7km s-min=21.8km az=163.0

NEIC 15 18:41:58.2z 1.5, 28.25N, 01.10.43.7W, 0.2, h10km, 1km, mb4.5/21, Error ellipse: s-maj=23.4km s-min=16.3km az=101.0

ISC 15 18:41:58.2z 0.9, 28.3N, 02.43.8W, 0.1, h12km, n39, 1507.3/4, mb4.4/17, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AGPR Aguadilla, P43A Skaggs, P43A Samuel, H10N2 ASCENSION HYDR45.67 137 T, etc.

CWC	baz=310	S	S	20 30 37.9 +2.7
HVU	baz=310			
HVU	Hansel Valley	42.71	78 P	20 24 15.9 +0.9
HVU	Hansel Valley	42.71	78 P	20 24 15.9 +0.9
GRAC	comp=Z,62nm,0.8s	42.78	87 P	20 24 17.3 +1.8
JTU	Tsushima	42.80	269 P	20 24 16.2 +0.7
JNU	Nakatsue	42.81	266 P	20 24 16.6 +0.9
JNU				20 24 22.4
TJN	comp=Z,87nm,0.9s	42.86	272 P	20 24 17.0 +1.0
KSMAS	Masan	42.89	270 P	20 24 18.7 +2.5
RLMT	Red Lodge	42.91	72 P	20 24 18.1 +1.5
RLMT	Red Lodge	42.91	72 P	20 24 18.0 +1.4
RLMT				20 30 39.0 +0.7
ISA	baz=303			
ISA	Isabella, Lake	42.95	89 P	20 24 16.8 -0.1
ISA	comp=Z,65nm,1.4s	42.95	89 P	20 24 16.8 -0.1
ISA	Isabella, Lake	42.95	89 P	20 24 17.2 +0.4
ISA	baz=310,SNR=9.3			
REDW	Red Top Meadow	42.96	75 IAMS_20	20 39 24.3
SNOW	Snow King Moun	42.96	75 IAMS_20	20 39 24.3
EURB	Ulryeong-eup	42.97	84 P	20 24 20.1 +3.2
R11A	Troy Canyon, C	43.02	270 P	20 24 18.8 +1.1
R11A				20 30 41.5 +1.3
AHID	baz=308			
AHID	Auburn Hatcher	43.15	76 P	20 24 19.1 +0.6
AHID	comp=Z,72nm,1.0s			20 39 17.4
FURC	comp=Z,3um,22.0s	43.43	87 P	20 24 21.7 +1.1
FURC	Furnace Creek,	43.43	87 P	20 24 21.0 -0.1
OUSI	baz=310,SNR=8.3	43.48	90 P	20 24 21.0 -0.1
PNV	Ostio Audit, C	43.51	86 IAMS_20	20 39 13.2
TPNV	Topopah Spring	43.51	86 P	20 24 22.7 +1.2
TPNV	comp=Z,3um,20.0s			20 30 48.5 +1.4
TPNV	Topopah Spring	43.51	86 P	20 24 22.7 +1.2
HWUT	baz=309			
HWUT	Hardware Ranch	43.54	77 P	20 24 22.5 +0.7
DUG	Dugway, Toeole	43.62	80 IAMS_20	20 26 09.4 +0.6
DUG	comp=Z,2um,19.0s			20 24 23.8 +1.5
DUG	Dugway, Toeole	43.62	80 P	20 24 23.8 +1.5
DUG				20 30 50.6 +1.9
EDW2	baz=307			
EDW2	Edwards Air Fo	43.75	90 P	20 24 24.5 +1.1
EDW2				20 30 51.2 +0.7
LAO	baz=311			
LAO	LASA Array	43.83	68 P	20 24 24.6 +0.8
LAO	comp=Z,95nm,0.8s			20 40 01.0
LAO	comp=Z,2um,22.0s	43.83	68 P	20 24 25.3 +1.4
LAO	baz=303,SNR=22			20 30 52.3 +1.0
TULEG	baz=303			
TULEG	Thule	43.89	19 P	20 24 25.3 +1.5
TULEG	comp=Z,1.18nm,0.9s			20 24 27.1
TULEG	Thule	43.89	19 P	20 24 24.5 +0.7
TULEG	comp=Z,70nm,1.3s			20 25 01.6
DGMT	Dagmar	44.02	65 P	20 24 25.7 +0.4
DGMT	Dagmar	44.02	65 IAMS_20	20 41 17.8
DGMT	comp=Z,2um,22.0s	44.02	65 P	20 24 26.1 +0.8
DGMT	baz=302,SNR=26			20 30 54.2 +0.1
FCC	baz=302			
FCC	Fort Churchill	44.07	48 P	20 24 25.5 0.0
FCC	comp=Z,27nm,0.9s			20 24 25.5 0.0
BW06	Fort Churchill	44.07	48 P	20 24 25.5 0.0
BW06	Boulder Array	44.08	75 IAMS_20	20 40 10.9
BW06	comp=Z,2um,21.0s	44.08	75 P	20 24 27.0 +1.0
BW06	Boulder Array	44.08	75 IAMS_20	20 30 56.3 +0.9
BW06	baz=305			20 24 26.9 +0.8
PD31	Pinedale Array	44.08	75 P	20 24 26.9 +0.8
PD31	comp=Z,1.16nm,0.8s			20 29 57.4 -1.1
PDAR	Pinedale Array	44.08	75 P	20 24 26.9 +0.8
PDAR	comp=Z,92nm,0.8s, baz=305,slow=4.2,SNR=636			20 29 57.4 -1.1
PDAR	comp=Z,1.6nm,0.9s, baz=298,slow=1.9,SNR=1			20 30 54.9 -0.5
PDAR	comp=Z,0.9nm,0.8s, baz=45,slow=9.0,SNR=1.3			20 40 22.1
PDAR	comp=Z,2um,21.5s, baz=314,slow=33			20 24 26.7 +0.6
PDAR	Pinedale Array	44.08	75 P	20 24 26.7 +0.6
PASC	Pasadena Art C	44.10	90 IAMS_20	20 38 21.9
MWC	Mount Wilson	44.15	90 P	20 24 26.9 +0.2
MWC	comp=Z,81nm,1.2s			20 24 26.9 +0.2
MWC	Mount Wilson	44.15	90 P	20 24 26.9 +0.2
MWC	comp=Z,81nm,1.2s			20 24 45.0
SHOC	Shoshone, Teco	44.16	87 P	20 24 28.1 +1.5
JSU	Suzuyama	44.17	264 P	20 24 26.4 -0.4
JSU				20 24 52.8
GSC	Goldstone, Bar	44.22	88 P	20 24 28.1 +1.0
BFSC	Mount Baldy Ra	44.38	90 P	20 24 29.3 +0.8
TUQ	Turquoise Moun	44.68	87 P	20 24 32.0 +1.1
HEC	Hector, Ludlow	44.82	88 P	20 24 32.9 +1.0
HEC	baz=311			20 31 07.9 +1.9
DL2	baz=311			20 24 31.8 +0.1
DL2	Dalian	44.82	279 P	20 26 13.4 +0.5
DL2				20 31 08.0 +2.3
DL2	comp=Z,210nm,1.0s			
DL2	comp=Z,650nm,7.2s			
DL2	comp=Z,990nm,26.4s			
DL2	comp=Z,1um,21.6s			
DL2	comp=Z,2um,26.7s			
MVU	Marysvale	45.02	81 P	20 24 34.5 +0.7
MURC	Murrieta	45.09	90 P	20 24 38.9 +4.9
NR1K	Noril'sk	45.17	330 P	20 24 34.3 +0.2
NR1K	comp=Z,39nm,1.0s, baz=311,slow=8.1,SNR=18			20 24 34.3 +0.2
NR1K	Noril'sk	45.17	330 P	20 24 34.3 +0.2
NR1K	comp=Z,35nm,0.9s			20 24 34.3 +0.2
NR1K	Noril'sk	45.17	330 P	20 24 34.3 +0.2
NR1K	comp=Z,35nm,0.8s			20 24 48.3
GMRC	Granite Moun	45.27	88 P	20 24 36.3 +0.8
GMRC	baz=311,SNR=8.2			20 31 14.3 +1.7
PFO	Pinyon Flats O	45.55	90 P	20 24 37.5 -0.3
PFO	comp=Z,4.8nm,1.0s, baz=326,slow=6.0,SNR=5.3			20 30 02.8 -1.7
PFO	Pinyon Flats O	45.55	90 P	20 24 37.6 -0.1
PFO	comp=Z,116nm,1.9s			

PFO	comp=Z,2um,21.0s			
PFO	Pinyon Flats O	45.55	90 P	20 24 37.6 -0.1
PFO	comp=Z,116nm,1.9s			20 25 37.2
PFO	Pinyon Flats O	45.55	90 IAMS_20	20 39 06.2
PFO	comp=Z,2um,21.0s	45.55	90 P	20 24 38.3 +0.6
PFO	Pinyon Flats O	45.55	90 P	20 31 17.8 +1.2
TPFO	Pinon Flats	45.55	90 P	20 24 38.4 +0.6
TPFO	baz=312			20 31 17.2 +0.5
BELC	Belle Mtn. Jos	45.57	89 P	20 24 37.0 0.0
K22A	Casper	45.95	73 P	20 24 41.0 +0.1
K22A	comp=Z,89nm,0.9s			20 24 42.4
K22A	Casper	45.95	73 P	20 24 41.2 +0.3
K22A	baz=306,SNR=29			20 31 21.6 -0.8
IRM	Iron Mountain	46.00	88 P	20 24 41.6 +0.4
MONPZ	Monument Peak	46.05	90 P	20 24 42.3 +0.5
MONPZ	baz=312			20 31 27.4 +3.4
RWWY	baz=312			
RWWY	Rawlins	46.12	75 IAMS_20	20 41 27.0
U15A	comp=Z,2um,22.0s	46.29	84 P	20 24 44.3 +0.5
U15A	North Rim	46.29	84 P	20 25 01.6
CBX	comp=Z,70nm,1.0s	46.29	91 P	20 24 44.0 +0.3
IKP	In-Ko-Pah, Jac	46.41	90 P	20 24 44.5 0.0
IKP	baz=312			20 31 31.8 +2.9
O20A	White River Ci	46.44	77 P	20 24 45.4 +0.6
O20A	baz=308,SNR=100			20 31 29.3 -0.2
NEEM	North Greenlan	46.51	14 P	20 24 45.1 +0.2
NEEM	Glamis	46.51	14 P	20 25 00.7
PDMIC	Parker Dam, Lak	46.53	87 P	20 24 46.1 +0.8
RSSD	Black Hills	46.55	70 P	20 24 45.5 -0.1
RSSD	comp=Z,82nm,1.2s			20 24 45.5 -0.1
RSSD	Black Hills	46.55	70 P	20 24 47.2
RSSD	comp=Z,82nm,1.2s			20 24 45.8 +0.1
RSSD	Black Hills	46.55	70 P	20 31 29.4 -1.6
MDND	Maddock	46.93	63 P	20 24 49.1 +0.8
MDND	Maddock	46.93	63 P	20 24 49.3 +1.0
MDND	baz=304,SNR=44			20 31 35.6 -0.3
GLA	baz=304			
GLA	Glamis	46.93	89 P	20 24 49.0 +0.4
GLA	comp=Z,54nm,1.3s			20 24 49.0 +0.4
GLA	Glamis	46.93	89 P	20 24 49.0 +0.4
GLA	comp=Z,54nm,1.2s			20 25 05.9
E28A	Huff	47.05	65 P	20 24 49.5 +0.7
PV10	Paradox Valley	47.05	79 P	20 24 50.5 +0.8
PV10	comp=Z,67nm,0.8s			20 25 00.1
N23A	Red Feather La	47.36	75 P	20 24 53.2 +1.1
N23A	baz=308,SNR=37			20 31 45.1 +2.4
BJI	baz=308			
BJI	Beijing	47.44	284 P	20 24 52.8 +0.5
BJI				20 31 41.6 -1.6
BJI				20 34 39.8 -2.0
BJI				20 35 03.0 -7.9
BJI	comp=Z,40nm,0.8s			
BJI	comp=Z,980nm,4.1s			
BJI	comp=Z,2um,20.4s			
BJI	comp=Z,5um,21.1s			
WUAZ	Wupatki	47.44	84 P	20 24 53.2 +0.6
WUAZ	comp=Z,66nm,1.0s			20 25 16.7
WUAZ	comp=Z,2um,21.0s	47.44	84 P	20 24 53.8 +1.2
WUAZ	baz=311,SNR=16			20 24 53.3 +0.8
BJT	Bajitatu	47.45	284 P	20 24 53.3 +0.8
BJT	comp=Z,27nm,0.8s			
BJT	comp=Z,2um,22.0s			20 24 53.3 +0.8
BJT	comp=Z,27nm,0.8s			20 25 17.5
Y14A	Wickenburg	47.47	87 P	20 24 53.0 +0.3
Y14A	comp=Z,38nm,1.0s			20 25 10.1
ULM	Lac du Bonnet	47.60	59 P	20 24 53.0 -0.4
ULM	comp=Z,9.0nm,0.4s, baz=305,slow=7.2,SNR=20			20 46 16.6
ULM	comp=Z,1um,19.5s, baz=316,slow=38			20 24 53.0 -0.4
ULM	Lac du Bonnet	47.60	59 P	20 24 53.0 -0.4
ULM	comp=Z,118nm,1.6s			20 24 53.0 -0.4
ULM	comp=Z,118nm,1.6s			20 25 23.0
ULN	Ulanbaatar	48.05	298 P	20 24 56.7 -0.5
ULN	comp=Z,44nm,1.3s			
ULN	comp=Z,2um,20.0s			20 24 56.7 -0.5
ULN	Ulanbaatar	48.05	298 P	20 26 26.1
ULN	comp=Z,44nm,1.2s			20 45 05.6
ULN	Ulanbaatar	48.05	298 IAMS_20	20 45 05.6
MVCO	Mesa Verde	48.12	80 P	20 24 58.2 +0.2
MVCO	comp=Z,49nm,1.0s			20 25 59.6
MVCO	comp=Z,2um,22.0s	48.12	80 P	20 24 58.4 +0.5
MVCO	Mesa Verde	48.12	80 P	20 31 55.6 +2.1
MVCO	baz=310,SNR=17			
ISCO	Idaho Springs	48.23	76 P	20 24 59.3 +0.4
ISCO	comp=Z,47nm,1.0s			20 24 59.3 +0.4
ISCO	comp=Z,2um,22.0s	48.23	76 P	20 24 59.3 +0.4
ISCO	Idaho Springs	48.23	76 P	20 25 19.0
ISCO	comp=Z,47nm,1.0s			20 42 47.9
ISCO	comp=Z,2um,22.0s	48.23	76 P	20 24 59.7 +0.8
ISCO	Idaho Springs	48.23	76 P	20 31 58.1 +3.0
ISCO	baz=308,SNR=49			
SONM	Songino Array	48.42	298 P	20 24 59.9 -0.2
SONM	comp=Z,9.0nm,0.9s, baz=53,slow=7.5,SNR=25			20 26 25.8 +0.1
SONM	comp=Z,31nm,0.9s, baz=68,slow=2.5,SNR=15			20 30 17.0 +0.6
SONM	comp=Z,14nm,1.1s, baz=62,slow=2.8,SNR=12			20 45 42.0
SONM	comp=Z,3um,20.9s, baz=53,slow=36			20 24 59.5 -0.6
SONM	Songino Array	48.42	298 P	20 26 26.2 +0.5
SONM				20 25 27.4
ZAK	Zakamensk	48.62	302 P	20 25 00.9 -0.6
ZAK	comp=Z,38nm,1.5s			

W18A	Petrified Fore	48.72	83 P	20 25 01.9 -0.6
W18A	comp=Z,59nm,1.0s			20 25 20.3
W18A	Petrified Fore	48.72	83 S	20 32 05.5 +3.6
AGMN	Agassiz Nation	48.73	61 P	20 25 01.8 -0.4
AGMN	comp=Z,2um,21.0s			20 44 58.2
AGMN	Agassiz Nation	48.73	61 P	20 25 02.2 0.0
S22A	4UR Ranch, Cre	48.79	78 P	20 25 04.6 +1.4
JOW	Kunigami	48.82	262 P	20 25 02.9 -0.3
JOW	comp=Z,34nm,0.9s, baz=67,slow=2.2,SNR=4.4			
JOW	comp=Z,193nm,19.9s, baz=9.5,slow=35			20 44 38.8
UPNV	Upernavik	48.85	20 P	20 25 03.1 +0.3
UPNV	comp=Z,39nm,0.7s			20 25 03.8
214A	Organ Pipe Nat	48.93	89 P	20 25 04.6 +0.6
214A	baz=313,SNR=9.1			
Q24A	Divide	49.04	76 P	20 25 06.1 +1.0
Q24A	baz=309,SNR=20			
MOY	Moody	49.06	305 P	

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like AAL Aland, USP Osenovka, SKAR Skarslia, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like FABU Falkenberg, ISAL Salakas, PBUR Paburge, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like BSD Bornholm Skovb, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

15d 21h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like ETLL, EGFF, WHF, etc.

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Table with columns: CHY, TWG, LDUT, TWK, etc. Includes station names like Chiayi, Ludao, Hsinying, etc.

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Table with columns: CAN, CTAO, CMSA, QLP, etc. Includes station names like Charters Tower, Cobar Meteorol, etc.

NEIC 15:21:01.49.8.1.9.17.4S.0.1x.173.9W.0.1.h57km,5km, mb4.795, Error ellipse: s-maj=15.2km s-min=14.1km az=223.0

NOU 15:21:01.54.9.17.36S:173.38W,h121km,MLV5.3/17, Tonga Islands

IDC 15:21:01.54.5.0.6.17.47S:174.05W,h101km,4km,mb4.1/19, mb1.4/20,mb1mx4.2/33,mbtmp4.4/20,MS3.7/2, Ms1.3/72,ms1mx3.1/39, Error ellipse: s-maj=18.1km s-min=10.3km az=142.0

ISC 15:21:01.53.1.0.4.17.56S:0.06x173.80W:0.05,h95km,3km, h95vnp:PP-P,n265,o1938/285,mb4.5/67,29C-9D, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like Niue, MSVF, RAR, etc.

Table with columns: GSC, YBH, YBH, etc. Includes station names like Goldstone, Yreka Blt Hor, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like B08A Colville Reser, BMRM Bremner River, LLLB Lillooet, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like M0RC Moravsky Berou, M0RC Moravsky Berou, M0RC Moravsky Berou, etc.

Table with columns: Code, Station Name, Time, Res, and various status indicators. Includes stations like KAN13 South Haven SW, K032 Salt Plains WL, K032 Salt Plains WL, etc.

IDC 15 21:12:14.6-5.2,29.42S~179.23W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.6/37, mbtmp3.9/2, Error ellipse: s-maj=216.3km s-min=84.3km az=164.0, Kermaed Islands region

IDC 15 21:21:24.8-12.0, 8.20S~153.60E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.5/41, mbtmp3.9/3, 1C, Error ellipse: s-maj=199.1km s-min=91.9km az=22.0, D'Entrecasteaux Islands region

IDC 15 21:24:55.1=1.2,3'22N:126.07E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/39, mbtmp3.7/5, ML3.9/1, Error ellipse: s-maj=88.6km s-min=20.0km az=61.0, Talaud Islands

TUL 15 21:24:39.2=1.2,36.84N:0.03=97.81W:0.06, h3km, 7km, ML2.9, mb, Lg3.0/97(NEIC), Error ellipse: s-maj=7.3km s-min=2.7km az=68.0

NEIC 15 21:24:39.7=0.9,36.82N:0.02=97.80W:0.05, h1km, 7km, Error ellipse: s-maj=6.5km s-min=2.7km az=68.0, Oklahoma

IDC 15 21:24:55.1=1.2,3'22N:126.07E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/39, mbtmp3.7/5, ML3.9/1, Error ellipse: s-maj=88.6km s-min=20.0km az=61.0, Talaud Islands

MEX 15 21:46:30.8=0.5, 13.93N:92.30W, h78km, 14km, MD4.3 GCG 15 21:46:32.1=0.5, 13.70N:92.50W, h33km, 999km, MD4.0

15d 22h

NEIC 15 22:46:36.1±1.8, 14.22N:07:92.44W:0.06, h46km, 10km, mb4.1/12, Md4.3/16(MEX), Error ellipse: s-maj=11.5km s-min=6.8km az=220.0

IDC 15 22:46:41.5±4.8, 14.22N:92.37W, h108km, 41km, mb3.5/6, mb1.3/8, mb1mx3.5/8, mbtmp3.8/8, Error ellipse: s-maj=101.2km s-min=18.3km az=51.0

ISC 15 22:46:35.4±1.8, 14.22N:07:92.5W:0.1, h49km±16km, n48, c±150/57, mb3.9/9, Near coast of Chiapas

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

IDC 15 22:02:53.0±3.4, 4.89S:130.70E, h192km±49km, mb3.1/1, mb1.3/5, mb1mx3.1/29, mbtmp3.9/4, Error ellipse: s-maj=118.7km s-min=13.5km az=76.0

DJA 15 22:02:55.6±0.9, 5.9S:137.0E±1.1, h162km±6km, M3.5/6, Mlv3.5/6

ISC 15 22:02:50.2±0.9, 5.16S:130.07E:0.06, h150km±n12, c±274/18, Banda Sea

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

JMA 15 22:26:08.8±0.2, 34.55N:140.18E, h59km±2km, M3.4

IDC 15 22:26:10.4±2.4, 34.52N:139.96E, h71km±14km, mb3.4/3, mb1.3/5, mb1mx3.2/4, mbtmp3.5/5, Error ellipse: s-maj=50.5km s-min=7.1km az=73.0

ISC 15 22:26:09.2±1.0, 34.57N:140.17E:0.05, h62km±8km, n27, c±965/33, mb3.7/3, 5C-6D, Near east coast of eastern Honshu

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

15d 22h AUG

Table with columns: JOD2, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their associated data points.

SKHL 15 22:37:44.4±0.2, 45.80N:151.10E, h118km±4km, mb5.5/4, msh5.0/2, msha6.0/6

MOS 15 22:37:46.1±1.1, 46.06N:150.70E, h119km, mb4.4/5, Error ellipse: s-maj=8.3km s-min=6.9km az=47.5

NEIC 15 22:37:47.2±1.4, 46.1N:150.7E:0.1, h114km±6km, mb4.3/24, Error ellipse: s-maj=16.0km s-min=12.4km az=152.0

JMA 15 22:37:47.9±0.7, 45.39N:150.84E, h117km, M4.0

NIED 15 22:37:47.9±0.7, 45.40N:150.84E, h117km, M4.3, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mn:0.68; Mw:-0.17; Mw:-0.51; Mw:-3.24; Mw:-1.30; Mw:-0.39; Fault plane solution: M=3.560000x10^15 NP1: e±260.00000°, s±84.00000°, λ±111.00000°. NP2: e±40.00000°, s±220.00000°, λ±15.00000°

IDC 15 22:37:49.5±2.0, 46.29N:150.62E, h128km±17km, mb3.4/15, mb1.3/6/20, mb1mx3.5/38, mbtmp3.8/20, MS3.0/1, Ms1.3/0.1, ms1mx2.3/29, Error ellipse: s-maj=17.7km s-min=11.4km az=133.0

ISC 15 22:37:45.2±0.5, 45.93N:150.83E:0.06, h100km±n162, c±191/182, mb4.2/41, 7C-1D, Kuril Islands

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

IDC 15 22:02:53.0±3.4, 4.89S:130.70E, h192km±49km, mb3.1/1, mb1.3/5, mb1mx3.1/29, mbtmp3.9/4, Error ellipse: s-maj=118.7km s-min=13.5km az=76.0

DJA 15 22:02:55.6±0.9, 5.9S:137.0E±1.1, h162km±6km, M3.5/6, Mlv3.5/6

ISC 15 22:02:50.2±0.9, 5.16S:130.07E:0.06, h150km±n12, c±274/18, Banda Sea

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

JMA 15 22:26:08.8±0.2, 34.55N:140.18E, h59km±2km, M3.4

IDC 15 22:26:10.4±2.4, 34.52N:139.96E, h71km±14km, mb3.4/3, mb1.3/5, mb1mx3.2/4, mbtmp3.5/5, Error ellipse: s-maj=50.5km s-min=7.1km az=73.0

ISC 15 22:26:09.2±1.0, 34.57N:140.17E:0.05, h62km±8km, n27, c±965/33, mb3.7/3, 5C-6D, Near east coast of eastern Honshu

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

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Table with columns: JNK, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their associated data points.

SKHL 15 22:37:44.4±0.2, 45.80N:151.10E, h118km±4km, mb5.5/4, msh5.0/2, msha6.0/6

MOS 15 22:37:46.1±1.1, 46.06N:150.70E, h119km, mb4.4/5, Error ellipse: s-maj=8.3km s-min=6.9km az=47.5

NEIC 15 22:37:47.2±1.4, 46.1N:150.7E:0.1, h114km±6km, mb4.3/24, Error ellipse: s-maj=16.0km s-min=12.4km az=152.0

JMA 15 22:37:47.9±0.7, 45.39N:150.84E, h117km, M4.0

NIED 15 22:37:47.9±0.7, 45.40N:150.84E, h117km, M4.3, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mn:0.68; Mw:-0.17; Mw:-0.51; Mw:-3.24; Mw:-1.30; Mw:-0.39; Fault plane solution: M=3.560000x10^15 NP1: e±260.00000°, s±84.00000°, λ±111.00000°. NP2: e±40.00000°, s±220.00000°, λ±15.00000°

IDC 15 22:37:49.5±2.0, 46.29N:150.62E, h128km±17km, mb3.4/15, mb1.3/6/20, mb1mx3.5/38, mbtmp3.8/20, MS3.0/1, Ms1.3/0.1, ms1mx2.3/29, Error ellipse: s-maj=17.7km s-min=11.4km az=133.0

ISC 15 22:37:45.2±0.5, 45.93N:150.83E:0.06, h100km±n162, c±191/182, mb4.2/41, 7C-1D, Kuril Islands

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

IDC 15 22:02:53.0±3.4, 4.89S:130.70E, h192km±49km, mb3.1/1, mb1.3/5, mb1mx3.1/29, mbtmp3.9/4, Error ellipse: s-maj=118.7km s-min=13.5km az=76.0

DJA 15 22:02:55.6±0.9, 5.9S:137.0E±1.1, h162km±6km, M3.5/6, Mlv3.5/6

ISC 15 22:02:50.2±0.9, 5.16S:130.07E:0.06, h150km±n12, c±274/18, Banda Sea

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

JMA 15 22:26:08.8±0.2, 34.55N:140.18E, h59km±2km, M3.4

IDC 15 22:26:10.4±2.4, 34.52N:139.96E, h71km±14km, mb3.4/3, mb1.3/5, mb1mx3.2/4, mbtmp3.5/5, Error ellipse: s-maj=50.5km s-min=7.1km az=73.0

ISC 15 22:26:09.2±1.0, 34.57N:140.17E:0.05, h62km±8km, n27, c±965/33, mb3.7/3, 5C-6D, Near east coast of eastern Honshu

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

Table with columns: Station Name, Hy, Az, El, T, P, Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WAKE ISLAND, YONAGUNI JIMA, and various regional stations.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YONAGUNI JIMA, SHUANGKI, and various regional stations.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NONSAVU, MONT DZUMAC, and various regional stations.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EIELSON ARRAY, LAJITAS ARRAY, and GERESS ARRAY.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUNUNGSITOLI, MANDALING NAT, and various regional stations.

SOME 15 23:19:04.4, 38.45N, 72.08E, h5km NNC 15 23:19:08.6, 4.3, 37.79N, 71.55E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=40.9km s-min=24.5km az=150.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LUZHAY, ALMAYASHU, and various regional stations.

IDC 15 23:21:00.7, 3.2, 31.47S, 179.15W, h199km, 28km, mb4.0/4, mb1.4/1.6, mb1mx3.6/3.1, mbmtpr4.5/6, Error ellipse: s-maj=29.2km s-min=25.5km az=128.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAUL ISLAND, UREWERA, and various regional stations.

IDC 15 23:20:0.6, 0.7, 31.29S, 179.08E, 179.5W, 0.1, h200km, n33, s-1832/34, mb4.3/1.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAUL ISLAND, UREWERA, and various regional stations.

TAP 15 22:45:22.2, 24.93N, 122.84E, h141km, ML3.0, C JMA 15 22:45:23.0, 0.3, 24.83N, 122.82E, h138km, 3m, M2.2

IDC 15 22:59:30.8, 3.8, 18.13S, 177.95W, h439km, 26km, mb3.0/5, mb1.9/4.6, mb1mx3.1/2.7, mbmp3.9/6, Error ellipse: s-maj=105.4km s-min=21.5km az=171.0

IDC 15 23:25:32.7, 1.6, 17.6S, 0.5, 178.2W, 0.2, h450km, n8, s-1949/9, mb3.2/5, Fijii Islands region

Table with columns: AGG, comp, AML, AML, 23 55 26.1, 23 55 31.7, 0.79 231, 0.87 151, 0.84 145, 0.87 294, 0.94 145, 0.96 221, 1.25 349, 1.29 151, 1.43 82

IDC 15 23:57:26.5:0.9,57.31S:24.90W,h0km,mb4.1/6, mb1 4.2/6,mb1mx4.0/20,mbtmp4.1/6,MS3.1/1,MS1 3.1/1, ms1mx2.8/20,Error ellipse: s-maj=21.5km s-min=20.2km az=61.0

NEIC 15 23:57:33.6:1.3,57.5S:0.1x25.1W:0.2,h47km,6km, mb4.5/21,Error ellipse: s-maj=21.5km s-min=11.6km az=22.0

ISC 15 23:57:29.3:0.6,57.4S:0.1x24.9W:0.1,h15km,n33, az=80.0/32,mb4.2/11, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, HOPE Hope Point, SNAA Sanae, SNAE Sanae, EFI East Falkland, PLTB Pedras Altas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, QSPA South Pole Qui, QSPA South Pole Qui

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ITOB Itaqi, ITAB Concordia

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CPUP Villa Florida, CPUP Villa Florida

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SBA Scott Base, BDFB Brasilia, BDFB Brasilia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Vnda Vanda, Vnda Vanda, LVC Limon Verde, PB11 IPOC Station P, LPAZ La Paz

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CASY Casey, SAML Samuel, SAML Samuel

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FOMA Nahapomona Res, KOWA Kowa, KOWA Kowa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ASAR Alice Springs, ASAR Alice Springs, FINES FINES Array B, ARCES ARCES Array B, SONM Songo Array, SONM Songo Array, ILAR Eielson Array, ILAR Eielson Array

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ILAR Eielson Array, ILAR Eielson Array

TUL 16 00:00:58.3:0.9,36.84N:01.97E:82W:0.02,h3km,6km, ML3.0,mb_Lg2.5/42(NEIC),Error ellipse: s-maj=2.3km s-min=1.3km az=124.0

NEIC 16 00:00:58.6:0.7,36.819N:0.006E:97.81W:0.02,h3km,7km, Error ellipse: s-maj=2.0km s-min=0.8km az=101.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, GC02 Grant County #, KAN17 Caldwell West, KAN17 Caldwell West

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, OK032 Salt Plains WL, OK032 Salt Plains WL, KAN13 South Haven SW, KAN13 South Haven SW, CROK Carrier, CROK Carrier

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KAN10 Anthony SW Sta, KAN08 Anthony NE Sta, KS20 Mayfield South, KS20 Mayfield South, BLOK Blackwell, KAN12 Harper NE Stat, T35A Sooner Cattle, T35A Sooner Cattle

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, U32A Winter Ranch, OK029 Liberty Lake, OK029 Liberty Lake, QUOK Quay, QUOK Quay

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, OK031 S. Brethren Rd, BCOK Bluff Creek, N, OK025 Westminister Rd, OK025 Westminister Rd, OKCFA Oklahoma City, OKCFA Oklahoma City

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, okcsw OKLAHOMA CITY, FNO Franklin, R32A Long Quarter, X34A Smith Ranch, M WMOK Wichita Mounta, KSU1 Kansas State U

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CBKS Cedar Bluff, LOKK Love County, X37A Clayton, X37A Clayton

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, W39A Magazine, W39A Magazine, S39A Bolivar, AMTX Amarillo, AMTX Amarillo

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, P38A Dawn, P38A Dawn, KSCO Kaye Shedlock, KSCO Kaye Shedlock

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ABTX Abilene, Hawle, X40A Basin Creek Fa, FCAR Ozark Folk Cen, FCAR Ozark Folk Cen

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WHAR Woolly Hollow, P40A Paris, P40A Paris, T25A Trinidad, T25A Trinidad

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, N38A Joes South For, N38A Joes South For, T42A Van Buren, T42A Van Buren, LCAR Lake Charles, LCAR Lake Charles

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PBMO Poplar Bluff, PBMO Poplar Bluff

Table with columns: 435B Jarrell, SCIA State Center, JCTA Junction City, T47A Sharon Grove, I40A Norwalk, PV21 Cone Mtn., Par

IDC 16 00:30:31.3:2.7,19.40S:177.56W,h0km,mb3.7/3, mb1 4.0/3,mb1mx3.6/21,mbtmp3.7/3,MS3.7/2,MS1 3.7/2, ms1mx2.9/30,Error ellipse: s-maj=297.8km s-min=31.5km az=160.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, BBB Bella Bella, TXAR Lajitas Array

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WRA Warramunga Arr, ASAR Alice Springs, BBB Bella Bella, TXAR Lajitas Array

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WRA Warramunga Arr, ASAR Alice Springs, BBB Bella Bella, TXAR Lajitas Array

IDC 16 01:21:19.1:2.3,29.95S:177.69W,h0km,mb3.9/2, mb1 4.1/4,mb1mx3.8/21,mbtmp3.9/4,ML5.3/1, Error ellipse: s-maj=52.3km s-min=17.8km az=94.0

ISC 16 01:21:23.5:2.1,30.01S:0.07x177.6W:0.3,h35km,n8, az=172.10,mb4.0/3, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, RAO Raoul Island, RAO Raoul Island, URZ Urewera, URZ Urewera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, URZ Urewera, URZ Urewera, MSVF Novsuvu, STKA Stephens Creek

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ASAR Alice Springs, WRA Warramunga Arr, FINES FINES Array B, AKASG Malin Array B

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ASAR Alice Springs, WRA Warramunga Arr, FINES FINES Array B, AKASG Malin Array B

IDC 16 01:38:02.1:1.4,35.07S:179.37W,h0km,mb3.8/4, mb1 4.1/5,mb1mx3.8/21,mbtmp3.9/5,ML5.4/2, MS1 3.4/2,ms1mx2.8/25,Error ellipse: s-maj=35.3km s-min=27.5km az=77.0

ISC 16 01:38:15.0:2.1,35.07S:0.2x179.4W:0.2,h43km,n9, az=150.6,mb3.9/4, East of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, URZ Urewera, URZ Urewera, DZM Mont Dzumac, ASAR Alice Springs

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ASAR Alice Springs, Vnda Vanda, WRA Warramunga Arr, QSPA South Pole Qui

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, QSPA South Pole Qui, KBZ Khabaz, FINES FINES Array B, BRTR Keskin Array B

NOU 16 01:44:37.5,20.97S:168.66E,h0km,ML3.6/8, Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MARC Mare, Loyalty, LIFANC LIFOU, YATNC Mamie plateau, PINNC Pines Island, OUCNC Ouen Island, N DZM Mont Dzumac, ONTNC Ouen Toro, KOUNC Koumanc, New Ca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JUNG Yonagunijimaku, JYNG Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS JKRS, JIJ Ishigaki jima, JIJ JIJ, JISG Ishigakijimahi, JISG JISG, JIJ Tarama, JIJ JIJ

JMA 16 01:51:20.6:0.4,25.38N:122.09E,h245km,4km, M3.0, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JYNG Yonagunijimaku, JYNG Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS JKRS, JIJ Ishigaki jima, JIJ JIJ, JISG Ishigakijimahi, JISG JISG, JIJ Tarama, JIJ JIJ

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JYNG Yonagunijimaku, JYNG Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS JKRS, JIJ Ishigaki jima, JIJ JIJ, JISG Ishigakijimahi, JISG JISG, JIJ Tarama, JIJ JIJ

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JYNG Yonagunijimaku, JYNG Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS JKRS, JIJ Ishigaki jima, JIJ JIJ, JISG Ishigakijimahi, JISG JISG, JIJ Tarama, JIJ JIJ

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JYNG Yonagunijimaku, JYNG Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS JKRS, JIJ Ishigaki jima, JIJ JIJ, JISG Ishigakijimahi, JISG JISG, JIJ Tarama, JIJ JIJ

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JYNG Yonagunijimaku, JYNG Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS JKRS, JIJ Ishigaki jima, JIJ JIJ, JISG Ishigakijimahi, JISG JISG, JIJ Tarama, JIJ JIJ

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JYNG Yonagunijimaku, JYNG Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS JKRS, JIJ Ishigaki jima, JIJ JIJ, JISG Ishigakijimahi, JISG JISG, JIJ Tarama, JIJ JIJ

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JYNG Yonagunijimaku, JYNG Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS JKRS, JIJ Ishigaki jima, JIJ JIJ, JISG Ishigakijimahi, JISG JISG, JIJ Tarama, JIJ JIJ

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JYNG Yonagunijimaku, JYNG Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS JKRS, JIJ Ishigaki jima, JIJ JIJ, JISG Ishigakijimahi, JISG JISG, JIJ Tarama, JIJ JIJ

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JYNG Yonagunijimaku, JYNG Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS JKRS, JIJ Ishigaki jima, JIJ JIJ, JISG Ishigakijimahi, JISG JISG, JIJ Tarama, JIJ JIJ

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JYNG Yonagunijimaku, JYNG Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS JKRS, JIJ Ishigaki jima, JIJ JIJ, JISG Ishigakijimahi, JISG JISG, JIJ Tarama, JIJ JIJ

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, JYNG Yonagunijimaku, JYNG Iriomote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS JKRS, JIJ Ishigaki jima, JIJ JIJ, JISG Ishigakijimahi, JISG JISG, JIJ Tarama, JIJ JIJ

Table with columns: FUSS Fushou, WHF Hehuan Shan

IDC 16 01:52:21.8:2.8,20.22S:178.12W,h540km,25km,mb3.0/4, mb1 3.1/5,mb1mx2.9/28,mbtmp3.9/5, Error ellipse: s-maj=38.3km s-min=35.9km az=139.0

ISC 16 01:52:22.5:1.8,19.9S:0.2x178.1W:0.3,h569km,n7, az=118.8,mb3.8/4, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MSVF Novsuvu, STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WRA Warramunga Arr, Vnda Vanda, AKASG Malin Array B, BRTR Keskin Array B

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WRA Warramunga Arr, Vnda Vanda, AKASG Malin Array B, BRTR Keskin Array B

MEX 16 02:14:48.7:0.3,15.57N:92.25W,h139km,20km, MD3.7, Mexico-Guatemala border region

IDC 16 02:29:18.8:3.8,52.12N:178.110E,h119km,36km, mb3.6/15,mb1 3.8/17,mb1mx3.6/46,mbtmp4.0/17, Error ellipse: s-maj=24.9km s-min=11.6km az=172.0

NEIC 16 02:29:20.2:1.7,52.0N:0.1x178.05E:0.08,h149km,4km, Error ellipse: s-maj=17.2km s-min=7.1km az=188.0

TAEP 16 02:29:20.1:6.51,9N:0.1x178.01E:0.08,h148km,3km, ML3.6,mb4.4/86(NEIC), Error ellipse: s-maj=16.8km s-min=7.0km az=188.0

ISC 16 02:29:20.6:0.6,52.12N:0.1x178.08E:0.04,h142km,5km, n228, az=102/223,mb4.3/50, Rat Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LSNW Little Sitkin, LSNW Little Sitkin, LSSA Little Sitkin, LSPA Little Sitkin

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LSSA Little Sitkin, LSPA Little Sitkin, CEAP Semis' Anvil P, CESW Semis' Southwe, CERB Semis' Cerberu, CERAA Semis' Rag'd T

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, AMKA Amchitka, AMKA Amchitka, GAEA Gareloi East, TASE Tanaga Southea, TAFP Tanaga Falls P, TAMP Tanaga Falls P

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SMY Shemya, SMY Shemya, KIMD Kanaga Island, KIKV Kanaga Island, KINW Kanaga Island, ADK Adak

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ADK Adak, GSTD Great Sitkin T, GSTR Great Sitkin T, GSKG Igitkin Island, ATKIA Atka Island, NIKH Nikolski High, NIKH Nikolski High

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, NIKH Nikolski High, OKTU Okmok Mt. Tuli, MAPS Pakushin South, MINAT Minatitlan Meteo, UNV Unalaska Valle, UNV Unalaska Valle

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, UNV Unalaska Valle, PEAOB Petropavlovsk-1, PETK Petropavlovsk-1, PETK Petropavlovsk-1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PETK Petropavlovsk-1, CHNA Chernabura Isl, CNBA Chernabura Isl, N18K Kilae Creek, N18K Kilae Creek

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, N18K Kilae Creek, O18K Koktuh Hills, SVW2 Sparrevohn, OHAK Old Harbor, OHAK Old Harbor

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, OHAK Old Harbor, O19K Port Aisworth, N19K Bonanza Creek, P19K Oil Pt, L19K White Mountain

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, L19K White Mountain, KDAD Kodiak Island, KDAD Kodiak Island, KDAD Kodiak Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KDAD Kodiak Island, M19K Styx River, O20K Slope Mountain, M20K Styx River, HOM Homer, K20K Telida

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, K20K Telida, SPCR Spurr Chakacha, CNPM China Poot, J20K Novinta River

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, J20K Novinta River, BRLL Bradley Lake S, BRSE Bradley Lake S, SKT Skwentna, SKT Skwentna

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SKT Skwentna, PPLA Purkeypile, SUA Susitna One, SUA Susitna One

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SUA Susitna One, SUA Susitna One, CHUM Lake Minchumin, SEW Seward, SEW Seward

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SEW Seward, RCO1 Rabbit Creek A, CUT Chulitna, IMAR Indian Mountai

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, IMAR Indian Mountai, KTH Kantishna Hill, KTH Kantishna Hill

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KTH Kantishna Hill

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KTH Kantishna Hill

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KTH Kantishna Hill

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include BPAW Bear Paw Mtn, PMR Palmer, TRF Thorofare Moun, I21K Tanana, KNK Knik Glacier, SML Sawmill, MLY Manley, DAW Manley, WAT1 Susitna Watana, MCK McKinley, MCK McKinley, GLI Glacier Island, GLI Glacier Island, WAT6 Susitna Watana, SCM Sheep Creek Mo, NEA2 Nenana, I23K Minto, I23K Minto, H23K Yukon River, WRH Wood River Hill, MDM Murphy Dome, EYAK Cordova Ski Ar, EYAK Cordova Ski Ar, CCB Clear Creek Bu, M24K Tolsona, M24K Tolsona, KLU Klutina, KLU Klutina, DIV Divide, DIV Divide, TCOL CIGO, UAF Yank, TCOL CIGO, COLA College, COLA College, HDA Harding Lake, HDA Harding Lake, H24K Noodor Dome, IL31 Eielson Array, ILAR Eielson Array, RAGM Ragged Mountai, PAX Paxson, HARP HAARP, KAIM Kayak Island, KAIM Kayak Island, BMRM Bremner River, BMRM Bremner River, N25K Chitina, Valde, N25K Chitina, Valde, HMT Hamilton, SUCK Suckling Hills, BERG Berg Lake, RIDG Independent Ri, RIDG Independent Ri, GLB Gilahina Butte, GLB Gilahina Butte, TOLK Toolik Lake Re, TOLK Toolik Lake Re, TOLK Toolik Lake Re, VRDI Verde Repeater, VRDI Verde Repeater, PRP Porcupine Dome, PRP Porcupine Dome, CRQM Cirque, CRQM Cirque, DOT Dot Lake, DOT Dot Lake, CRQE Cirque, MCARA McCarthy VSAT, MCARA McCarthy VSAT, WAX Waxell Ridge, WAX Waxell Ridge, SCRK Sand Creek, SCRK Sand Creek, TGL Tana Glacier, TGL Tana Glacier, M26K Nabesna, AK, M26K Nabesna, AK, FYU Fort Yukon, FYU Fort Yukon, ISLE Juniper Island, ISLE Juniper Island, YAH Yaghtse, YAH Yaghtse, M27K Edge Creek, AK, M27K Edge Creek, AK

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include CTG Chitna Glacier, L27K Beaver Creek, L27K Beaver Creek, CTGM Chitina Glacier, BCAR Beaver Creek A, BMAR Burnt Mountain, K27K Chicken, K27K Chicken, TABL Table Mountain, LOGN Logan Glacier, PINM Pinnacle, EGAK Eagle, EGAK Eagle, DAW Dawson, HYT Haines Junctio, EPHY Eagle Plains, EPHY Eagle Plains, INK Inuvik, INK Inuvik, INK Inuvik, KLR Kul'dur, DLBC Dease Lake, MJAR Matsushiro Arr, H112W WAKE ISLAND Hy, H112W WAKE ISLAND Hy, H111N WAKE ISLAND Hy, H111N WAKE ISLAND Hy, H111S WAKE ISLAND Hy, H111S WAKE ISLAND Hy, H112S WAKE ISLAND Hy, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, E09A Wood Farm, EMO Blue Mountains, HLD Halley, HLD Halley, BCYI Bear Canyon, BOZ Bozeman (W), BOZ Bozeman (W), NVAR Mina Array Be, NVAR Mina Array Be, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC comp=Z,1.1nm,1.1s, ELK Elko, YHH Holmes Hill, TPH Tonopah, TPH Tonopah, RLMT Red Lodge, NJ2 Nanjing, R11A Troy Canyon, C, R11A Troy Canyon, C, TPNV Topnah Spring, TPNV Topnah Spring, DUG Dugway, T06W Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, GSC Goldstone, B, GSC Goldstone, B, LCMT Little Creek M, SPTS Spitsbergen Ar, U15A North Rim, U15A North Rim, O20A Trinity, PVO3 Paradox Valley, PVO3 Paradox Valley, GTA Gaotai, GTA Gaotai, GTA Gaotai, T25A Trinidad, WNTQ Urumqi, WNTQ Cornudas Mount, MKAR Makanchi Array, I42A Draeger Farm, I42A Draeger Farm, E46A Sault Ste Mari, TX31 Lajitas Ar, S, TX31 Lajitas Ar, S, TX32 Lajitas Array, TXAR Lajitas Array, WHTX Lake Whitney, FCAR Ozark Folk Cen, FCAR Wyandotte Cave, WCI WCI, FINES FINESS Array B, K56A Middlesex, KSH Kashi, SSPA Standing Stone, AKASA Malin Array Be, WRA Warramunga Arr, BOSA Boshof, NNC 16 02:41:35.1s, 3.8, 36.97N x 71.20E, h0km, mb3.7, mpv3.4, 4C-1D, Error ellipse: s-maj=29.8km s-min=27.8km az=131.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include KK31 Karatay Array, AAK Al-Arch, AAK Al-Arch, TKM2 Tokmak 2, TKM2 Tokmak 2, NEIC 16 02:43:51.4, 2.0, 21.55S, 0.1x178.8W, 0.1, h549km, 6km, mb4.3, Error ellipse: s-maj=19.1km s-min=14.0km az=137.0, BGR 16 02:43:55.8, 0.0, 21.33S, 178.27W, h600km, IDC 16 02:43:55.8, 1.1, 21.39S, 179.05W, h596km, 11km, mb3.6/14, mb1 3.9/16, mb1mx3.8/22, mbtmp4.6/16, Error ellipse: s-maj=15.8km s-min=10.1km az=143.0, ISC 16 02:43:55.6, 0.5, 21.47S, 0.08x179.03W, 0.09, h602km, n243, s1813/240, mb4.3, 68.36C-19D, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Distance, and other parameters. Includes stations like LOGN Logan Glacier, CTGM Chitina Glacie, and many others.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Distance, and other parameters. Includes stations like MORC Moravsky Berou, LEF Lefka, BRG Bergiesshubel, and many others.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Distance, and other parameters. Includes stations like NBEZ Newall Road No, WAZ Wanganui, and many others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KTBS, TARG, KTMS, etc.

IDC 16 03:07:31.9-1.0, 16.75S; 176.74E, h0km, mb3.8/5, mb1 4.1/5, mb1mx3.7/36, mbtmp3.8/5, MS3.5/8, Ms1 3.5/8, ms1mx3.3/29, Error ellipse: s-maj=30.0km s-min=19.7km az=24.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSVF, DZM, RAO, HNR, URZ, PPT2, PPT1, PPT, STKA, etc.

IDC 16 03:31:44.1-2.3, 6.31S; 129.45E, h0km, mb3.4/1, mb1 3.9/3, mb1mx3.5/44, mbtmp3.7/3, ML4.0/2, Error ellipse: s-maj=118.5km s-min=32.7km az=68.0, Banda Sea

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

IDC 16 03:37:54.0-1.4, 14.84S; 177.51W, h0km, mb3.9/7, mb1 4.2/8, mb1mx3.9/30, mbtmp3.8/8, ML5.0/1, Error ellipse: s-maj=99.0km s-min=19.2km az=145.0, NEIC 16 03:37:57.3-1.6, 14.9S; 0.2:177.6W; 0.1, h10km, 1km, mb4.0/27, Error ellipse: s-maj=35.7km s-min=4.2km az=142.0

IDC 16 03:37:56.5-1.0, 14.9S; 0.2:177.6W; 0.2, h10km, n56, 0.93S/0m, mb4.5/22, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSVF, DZM, PPT2, PPT1, TAOE, STKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like STKA, WRAB, WRA, AS31, ASAR, JMM, etc.

IDC 16 03:40:18.1-1.5, 15.01S; 177.20W, h0km, mb3.9/7, mb1 4.2/8, mb1mx4.0/27, mbtmp3.8/8, ML5.0/1, MS4.0/15, Ms1 4.0/15, ms1mx3.9/26, Error ellipse: s-maj=104.0km s-min=19.7km az=146.0

GCMT 16 03:40:28.0-0.4, 15.00S; 0.02:177.11W; 0.02, h19km, 1km, MW4.8/76, Moment Tensor Solution. s11,c13; s76,c90; Duration: 0 Moment tensor: Scale 10^16Nm; Mr-0.08; 12; Mw0.03z-12; Mw0.05z-10; Mw0.22z-23; Mw0.21z-10; Mr-0.41z-23; Best double couple: Ms2.23600x10^16 NP1, s270.00000, s80.00000, A5.00000 NP2; s179.00000, s85.00000, A170.00000; Principal axes: T: 2.3150, P: 1.0000, Azm: 334.0000; N: 0.1500, Plg73.0000; Azm: 334.0000; P: -2.1570, Plg4.0000; Azm: 225.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

ISC 16 03:40:19.8-1.3, 15.1S; 0.5:177.2W; 0.3, h10km, n32, 0.078/18, mb3.8/7, MS4.0/14, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSVF, DZM, RZR, HNR, PPT, PPT2, PPT1, TAOE, STKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ILAR, TXAR, PDAR, SONM, GERES, CONA, MOA, RETA, WATA, WTTA, MOTA, DAVA, ABTA, FETA, etc.

NNC 16 03:42:27.2-4.3, 37.25N; 171.53E, h0km, mb3.8, mpv3.4, 5C-1D, Error ellipse: s-maj=33.6km s-min=31.1km az=154.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AAK, AAK, KK31, TKM2, etc.

IDC 16 03:56:36.1-38.0, 4.79N; 127.21E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.5/34, mbtmp3.9/3, Error ellipse: s-maj=63.6km s-min=144.1km az=162.0, Talaud Islands

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

JMA 16 04:26:40.5-0.4, 21.23N; 121.93E, h142km, M3.5, TAP 16 04:26:40.0, 21.30N; 121.98E, h171km, ML4.8, D IDC 16 04:26:42.6-3.2, 21.15N; 122.07E, h199km, 32km, mb3.5/12, mb1 3.7/15, mb1mx3.4/37, mbtmp4.1/15, MS2.8/1, Ms1 3.0/1, ms1mx2.3/29, Error ellipse: s-maj=23.9km s-min=1.1, 1km az=72.0

ISC 16 04:26:40.4-0.7, 21.33N; 0.0:121.89E; 0.0:04, h174km, 5km, n136, s119/236, mb3.9/11, c-3D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LAY, LAY, BBP, TSEB, TWKB, TWKB, TWK1, TWK1, SNW, SNW, SNW, HEN, HEN, SLIU, SLIU, TAW, TAW, LDUT, LDUT, EAST, EAST, ECL, ECL, SCZT, SCZT, TTN, TTN, TWGBT, TWGBT, TWG, TWG, TWG, SSPT, SSPT, LONT, LONT, LONT, EDH, EDH, MASBT, MASBT, WLCH, WLCH, TSMG, TSMG, TSMG, CHKT, CHKT, CHKT, SDD, SDD, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSVF, DZM, RZR, HNR, PPT, PPT2, PPT1, TAOE, STKA, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like CHGB, WNT1, WPL, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like CHGB, WNT1, WPL, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like JOW, JNU, KRSR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes TAP 16 04:28:01.5, 22'69N-120'52E, h8km±1km, ML2.2, B, Taiwan.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes IDC 16 04:39:23.1-4.3, 24'67N-94'62E, h126km, 45km, mb3.3/2, mb1 3.4/3, mb1mx2.9/46, mbtmp3.6/3, Error ellipse: s-maj=228.44km s-min=23.2km az=59.0, Myanmar-India border region.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes IDC 16 04:42:03.1-3.2, 14'50S-175'84W, h0km, mb3.7/3, mb1 4.1/3, mb1mx3.7/29, mbtmp3.7/3, MS3.4/6, Ms1 3.4/6, ms1mx3.0/34, Error ellipse: s-maj=191.2km s-min=32.07km az=145.0, Samoa Islands region.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes MSVF, DZM, HNR, ASAR, MJAR, NVAR, MA2, ILAR, TXAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes IDC 16 04:44:48.9-5.4, 17'34S-174'08W, h0km, mb3.7/2, mb1 4.1/2, mb1mx3.6/33, mbtmp3.7/2, Error ellipse: s-maj=364.5km s-min=37.7km az=150.0, Tonga Islands.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes ASAR, NVAR, BRTR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes IDC 16 04:51:42.2-2.0, 3'91S-147'57E, h0km, mb3.7/5, mb1 4.1/5, mb1mx3.8/28, mbtmp3.8/5, MS3.3/6, Ms1 3.3/6, ms1mx2.9/31, Error ellipse: s-maj=61.3km s-min=25.8km az=107.0, Bismark Sea.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes GII, GRAL, ISC, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like NATI, GEM, QRRW, etc.

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

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

IDC 16:05:53:19.2,0.6,46.73N:27.38W,h0km,mb4,1/27,mb1 4,3/29,mb1mx4,2/57,mbtmp4,1/29,ML4,1/2,MS3,7/35,Ms1 3,7/35,ms1mx3,6/50,Error ellipse: s-maj=18.6km s-min=10.2km az=4.0

NEIC 16:05:53:20.8,1.2,46.66N:0.08:27.3W:0.1,1,h10km,1km,mb4,7/286,Error ellipse: s-maj=14.7km s-min=12.7km az=29.0

GCMT 16:05:53:20.8,0.4,46.77N:0.05:27.2W:0.04,h17km,1km,MM4,7/68,Moment Tensor Solution, s14,c15; s68,c90; Duration: 0 Moment tensor: Scale 10^19Nm, Mrr:-1.74e-16; Mth:0.66e-10; Mtt:1.08e-09; Mtt:0.58e-29; Mtt:0.47e-05; Mtt:0.14e-23; Best double couple: lambda:111.64800x10^16 NP1:0.21.00000, delta3.00000, lambda:111.00000, NP2: 0.228.00000, delta1.00000, lambda:72.00000, Principal axes: T: 1.4030, Plg4.0000, Azm305.0000; P: -1.8940, Plg76.0000, Azm199.0000; nstai refers to body waves, cutoff=40s. nstaz refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 16:05:53:20.3,0.4,46.62N:0.06:27.32W:0.05,h10km,n504,c095/491,mb4,7/176,MS3,7/41,10D,Northern Mid-Atlantic Ridge

Main station list table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like CMA, PGAV, PCAB, etc.

16d 8h

n118,c081/225,Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, Op, ISC, h, m, s, ISC. Rows include stations like YONGUNIJIMAKU, HWALIN, FUSH VILLAGE, CHIAWAN, YONAGUNI JIMA, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, Op, ISC, h, m, s, ISC. Rows include stations like HATERUMA JIMA, CHENGGUNG, PULLI TOWNSHIP, GUOXING, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, Op, ISC, h, m, s, ISC. Rows include stations like GUOLIERIN HIG, ISHIGAKIJIMAH, TUKU, etc.

JMA 16 07:49:53.8:0.5,34.19N;141.73E,h16km,2km,M3.3
IDC 16 07:49:55.8:0.8,34.23N;141.65E,h0km,mb3.7/6,
mb1 3.9/7,mb1mx3.6/33,mbtmp3.6/7,ML2.8/1,MS2.6/4,
Ms1 2.6/4,ms1mx2.5/47,Error ellipse: s-maj=28.7km
s-min=18.9km az=117.0
ISC 16 07:49:58.2:1.0,34.36N;141.56E,0.07,h27km,n22,
e181/22,mb3.7/6,Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, Op, ISC, h, m, s, ISC. Rows include stations like BOSO 1, BOSO 3, BOSO 4, etc.

16d 10h

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like NVAR, PDAR, TXAR, WRA, ASAR.

RSNC 16 09:29:05.81.4, 5.61N-73.96W, h114km, 5km, ML3.1, Mw3.6, 3C-2D, Colombia

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Lists numerous stations across various regions.

EAf 16 09:34:25.71.3, 25.68S-29.24E, h10km, MD4.3(BUL)

PRE 16 09:34:16.10.6, 25.59S-29.62E, h5km, ML2.2, South Africa

Table listing station data for the South Africa event, including station names like CRLN, MOPA, MSNA, etc.

SKO 16 09:39:04.0, 41.35N-22.52E, h15km
IASPEI 16 09:39:04.0, 41.35N-22.52E, h14km, 5km
Error ellipse: s-maj=3.6km s-min=3.1km az=7.7, GT5
selection from ISC bulletin GT5 identified by Bondr and McLaughlin (2009) selection criteria Bondr and McLaughlin, A new ground truth data set for seismic

studies, <>Seism. Res. Let. </>, 80, 465-472, 2009
SOF 16 09:39:05.0, 41.42N-22.46E, h16km, MD3.1
BEO 16 09:39:05.1, 0.3, 41.38N-22.44E, h3km, 2km, ML2.6/11
ATH 16 09:39:06.3, 41.22N-22.54E, h14km, 3km, ML2.6/12, Error ellipse: s-maj=5.1km s-min=1.4km az=157.0
THE 16 09:39:07.2, 41.20N-22.55E, h13km, ML2.4/9, Error ellipse: s-maj=1.5km s-min=0.6km az=166.0
ISC 16 09:39:04.9-0.8, 41.31N-0.02-22.50E, 0.02, h14km, 5km, n82, 0.88M/113, 8C-2D, Northwestern Balkan Peninsula

Main table for station data for the Balkan Peninsula event, including station names like VAY, GRG, SRS, etc.

BOSS Bosilegrad

Table listing station data for the Bosilegrad event, including station names like VTS, PENT, KAVA, etc.

Table listing station data for the Eastern Caucasus event, including station names like SELS, KDZ, BLBK, etc.

DRS 16 10:27:15.2, 0.0, 42.94N-45.61E, h12km
MOS 16 10:27:15.8, 0.0, 42.88N-45.77E, h9km, MPVA3.6
NORS 16 10:27:16.1, 0.0, 42.85N-45.78E, h13km, MPVA3.7
TIF 16 10:27:16.2, 42.89N-45.76E, h7km, 3km
ISC 16 10:27:17.2, 1.1, 42.89N-0.03-45.75E, 0.02, h14km, 9km, n29, 0.159/55, Eastern Caucasus

Main table for station data for the Eastern Caucasus event, including station names like DVE, GRO, BTLR, etc.

IDC 16 10:38:32.7, 5.3, 29.28S-178.79W, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.4/18, mbtmp3.3/2, Error ellipse: s-maj=217.8km s-min=86.3km az=164.0, Kermadec Islands

Table listing station data for the Kermadec Islands event, including station names like RAO, ASAR, WRA, etc.

NEIC 16 10:44:38.7, 0.7, 19.4N-0.1, 64.6W, 0.06, h64km, 27km, Error ellipse: s-maj=17.4km s-min=7.5km az=175.0
RSRP 16 10:44:39.8, 19.35N-64.70W, h63km, 2km, MD3.3/8
ISC 16 10:44:40.2, 1.8, 19.3N-0.1, 64.71W, 0.04, h63km, n39, 0.87/51, 5C-5D, Virgin Islands

Main table for station data for the Virgin Islands event, including station names like VGBI, TBVI, STVI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Esperanza - Ma, St. Maarten, Cerrillos, Saba, etc.

NEIC 16 10:53:19.4:1.4,36:38N:0:02:70:59E:0:09, h145km, 1.4km, mb4.3/5, Error ellipse: s-maj=11.3km s-min=3.0km az=50.0

NWC 16 10:53:19.4:7.0,36:52N:70:26E, h93km, 1.45km, mb4.2, mpv4.6, Error ellipse: s-maj=51.6km s-min=45.2km az=1.0

IDC 16 10:53:19.3:3.0,36:25N:70:81E, h145km, 25km, mb3.2/8, mb1 3.4/12, mb1mx3.2/55, mbtmp3.8/12, Error ellipse: s-maj=20.9km s-min=18.6km az=85.0

ISC 16 10:53:18.5:0.6,36:31N:0:05:70:59E:0:06, h150km, n60, e251771, mb3.5/9, 4C-6D, Hindu Kush region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBL, CHGR, GAR, DRK, NIL, etc.

HEL 16 10:59:59.0:1.67:95N:25:85E, h0km, ML1.7, ML1.8(UPP), Explosion
IDC 16 11:00:00.2:3.9, 67:95N:25:72E, h0km, Error ellipse: s-maj=33.7km s-min=19.7km az=103.0

BER 16 11:00:01.2:1.1, 67:92N:25:61E, h0km, ML1.5, ML1.7(HEL), Suspected explosion

UPP 16 11:00:03.5:1.0, 67:90N:25:13E, h0km, ML1.8, Suspected explosion

ISC 16 10:59:58.5:0.8, 67:97N:0:02:25:79E:0:02, h0km, n34, e67950, Finland

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HEF, KOLARI, RNF, PAJU, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U32A, U32A, U32A, BCOK, etc.

16d 14h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, CAN CAN, PSA0N, FORT FORT, TOO TOO, GIRL GIRL, JOW JOW, TAU TAU, MORW MORW, YULB YULB, KNTN JNU, HIZ HIZ, XMIS VNSA, ILAR ILAR.

NEIC 16 13:57:22.3, 1.6, 25.00N, 0.07, 123.88E, 0.07, h120km, 6km, mb4, 1/36, Error ellipse: s-maj=12.6km s-min=5.2km az=142.0

IDC 16 13:57:22.9, 3.1, 25.17N, 123.93E, h122km, 33km, mb3.5/10, mb1 3.6/11, mb1mx3.4/4.1, mbtmp3.9/11, MS3.2/2, Ms1 3.2/2, ms1mx2.3/3.2, Error ellipse: s-maj=25.0km s-min=14.5km az=67.0

JMA 16 13:57:23.0, 3.1, 25.01N, 123.80E, h109km, 2km, M3.9 NIED 16 13:57:23.3, 25.01N, 123.80E, h109km, MW3.8, Moment Tensor Solution, s2, Moment tensor: Scale 10^14 Nm^2, Mn=0.35, Mw=0.27, Mx=0.08, My=4.94, Mz=0.57, Mv=2.47, Fault plane solution: Ms5.54000x10^14, NP1: phi=64.00000, 89.00000, lambda=94.00000, NP2: phi=329.00000, 84.00000, lambda=50.00000

ISC 16 13:57:22.0, 0.6, 24.98N, 0.06, 123.82E, 0.04, h122km, 6km, mb, 0.591/93, mb4, 0.128, Southwestern Ryukyu Islands

Main station list table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists numerous stations including JISG, IRIF, JIJ, JKRS, JTKS, JTTJ, YOJ, YUJ, HATJ, JYNG, JYNG, JIRB, JIRB, JIKM, JIKM, JIMJ, JIMJ, JOGS, JOGS, TATO, NACB, YHNB, YHNB, YULB, YULB, SSSL, SSSL, TWG, TWG, TPUB, TPUB, JOW, JOW, SONM, SONM, PEAOB, PEAOB, PETK, PETK, MTN, MTN, PET, PET, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MAKZ, MAKZ, KNRA, KNRA, ZAAO, ZAAO, ZALV, ZALV, ZALV, ZALV, KDJ, KDJ, WBO, WBO, WRA, WRA, WRA, WRA, WRA, WRA, WR0, WR0, GAR, GAR, KK31, KK31, KKAR, KKAR, BRVK, BRVK, AS31, AS31, ASAR, ASAR, ASAR, ASAR, STKA, STKA, STKA, STKA, PPLA, PPLA, PPLA, PPLA.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like OHAK, BPAW, BPAW, KDKAK, I23K, I23K, RND, RND, CCB, CCB, BMAR, RIDG, RIDG, SCRR, SCRR, SPB2, GLB, GLB, BCAR, FINES, FINES, HYT, HYT, AKASG, AKASG, BRTR, BRTR, BRTR, BRTR.

JMA 16 14:05:03.8, 0.1, 23.25N, 122.02E, h54km, M3.6 NIED 16 14:05:03.9, 23.25N, 122.03E, h54km, MW3.5, Moment Tensor Solution, s2, Moment tensor: Scale 10^14 Nm^2, Mn=-1.53, Mw=2.08, Mx=0.55, My=0.63, Mz=0.59, Mv=0.35, Fault plane solution: Ms2.10000x10^14, NP1: phi=292.00000, 856.00000, lambda=76.00000, NP2: phi=89.00000, 836.00000, lambda=197.00000

TAP 16 14:05:05.2, 23.30N, 122.90E, h55km, ML3.9, 2 IP 16 14:05:01.6, 1.2, 23.28N, 122.93E, 0.02, h14km, 9km, n121, s175/226, Taiwan region

Main station list table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists numerous stations including HATJ, HATJ, YONG, YONG, YUJ, YUJ, YOJ, YOJ, IRIF, IRIF, JKRS, JKRS, HGSD, HGSD, HWA, HWA, EGFH, EGFH, CHKT, CHKT, CHKT, CHKT, TWD, TWD, TWD, TWD, LDUT, LDUT, LDUT, LDUT, ESL, ESL, ESL, ESL, EYUL, EYUL, EYUL, EYUL, EHY, EHY, EHY, EHY, YULB, YULB, YULB, YULB, FULB, FULB, FULB, FULB, NACB, NACB, EDH, EDH, EDH, EDH, ENA, ENA, ENA, ENA, ETLH, ETLH, ETLH, ETLH, TWC, TWC, TWC, TWC, LONT, LONT, LONT, LONT, TTN, TTN, OWD, OWD, OWD, OWD, WHF, WHF, WHF, WHF, ELDTW, ELDTW, ELDTW, ELDTW, TWGBT, TWGBT, TWGBT, TWGBT, TWG, TWG, TWG, TWG, LAY, LAY, LAY, LAY, CHGB, CHGB, CHGB, CHGB.

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Main station list table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists numerous stations including JISG, JISG, FUSS, FUSS, ILA, ILA, TWE, TWE, TWE, TWE, NDT, NDT, NDT, NDT, NTC, NTC, NTC, NTC, TWT, TWT, TWT, TWT, SSSL, SSSL, SSSL, SSSL, TDCB, TDCB, TWB1, TWB1, ECL, ECL, ECL, ECL, WHYT, WHYT, WHYT, WHYT, SMLT, SMLT, SMLT, SMLT, ALS, ALS, ALS, ALS, TIPB, TIPB, TIPB, TIPB, STYH, STYH, STYH, STYH, YHNB, YHNB, YHNB, YHNB, TYC, TYC, TYC, TYC, NSK, NSK, NSK, NSK, WCS, WCS, WCS, WCS, NWF, NWF, NWF, NWF, WHP, WHP, WHP, WHP, TAW, TAW, TAW, TAW, CHNS, CHNS, CHNS, CHNS, WJS, WJS, WJS, WJS, TWA, TWA, TWA, TWA, NHDH, NHDH, NHDH, NHDH, JTJ, JTJ, TPUB, TPUB, TPUB, TPUB, EAST, EAST, EAST, EAST, SLGT, SLGT, SLGT, SLGT, WTP, WTP, WTP, WTP, WNT, WNT, WNT, WNT, SGST, SGST, SGST, SGST, TSMG, TSMG, TSMG, TSMG, SSD, SSD, SSD, SSD, TAP, TAP, TAP, TAP, CHN1, CHN1, CHN1, CHN1, MASBT, MASBT, MASBT, MASBT, NSTT, NSTT, NSTT, NSTT, SLIU, SLIU, SLIU, SLIU, WDLH, WDLH, WDLH, WDLH, YM01, YM01, YM01, YM01, TCU, TCU, TCU, TCU.

Table with columns: Call Sign, Frequency, Mode, Direction, Time, and other parameters. Includes stations like TWK, TW1, TWQ1, etc.

Table with columns: Code, Station Name, Frequency, Mode, Direction, Time, and other parameters. Includes stations like AXDP, BUI, IDC, DJA, etc.

Table with columns: Call Sign, Frequency, Mode, Direction, Time, and other parameters. Includes stations like HHC, USA0B, USRUK, etc.

PB05	comp=E,293nm,0.6s	2.98 294	eP	Pn	14 09 46.4
PB05	IPOC Station P	2.98 294	eP	Pn	14 09 05.8 +1.6
PB05	IPOC Station P	3.07 311	iP	Pn	14 09 42.2 -0.4
PB03	IPOC Station P	3.07 311	iP	Pn	14 09 06.7 +1.3
PB03	IPOC Station P	3.07 311	iP	Pn	14 09 45.8 +1.2
PB03	comp=E,887nm,0.3s	3.07 311	eP	Pn	14 09 45.8
PB03	IPOC Station P	3.07 311	eP	Pn	14 09 06.8 +1.4
PB03	IPOC Station P	3.07 311	eS	Pn	14 09 43.6 -1.2
PB03	IPOC Station P	3.07 311	iP	Pn	14 09 45.3
PB10	IPOC Station P	3.08 280	iP	Pn	14 09 07.2 +1.9
PB10	IPOC Station P	3.08 280	iP	Pn	14 09 43.9 -0.6
PB10	IPOC Station P	3.08 280	iP	Pn	14 09 49.6
PB10	comp=E,273nm,0.5s	3.08 280	eP	Pn	14 09 07.1 +1.8
PB10	IPOC Station P	3.08 280	eP	Pn	14 09 07.2 +1.9
PB10	IPOC Station P	3.08 280	eS	Pn	14 09 45.4 +0.8
PB10	IPOC Station P	3.08 280	eS	Pn	14 09 49.0
PB04	comp=Z,252nm,0.7s	3.19 303	iP	Pn	14 09 08.0 +1.2
PB04	IPOC Station P	3.19 303	iP	Pn	14 09 45.8 -1.5
PB04	IPOC Station P	3.19 303	iP	Pn	14 09 52.4
PB04	comp=N,659nm,0.3s	3.19 303	eP	Pn	14 09 08.3 +1.5
PB04	IPOC Station P	3.19 303	eP	Pn	14 09 08.4 +1.6
PB04	IPOC Station P	3.19 303	eS	Pn	14 09 46.9 -0.4
PB04	IPOC Station P	3.19 303	eS	Pn	14 09 51.4
AHML	comp=Z,477nm,0.7s	3.19 147	eP	Pn	14 09 03.0 -3.7
AHML	Horco Molle	3.19 147	eP	Pn	14 09 07.9 +1.2
AHML	Horco Molle	3.19 147	eS	Pn	14 09 47.1 -0.2
AC02	Maricunga	3.21 211	Pn	Pn	14 09 04.9 +2.1
PB07	IPOC Station P	3.38 314	iP	Pn	14 09 10.2 +1.1
PB07	IPOC Station P	3.38 314	iP	Pn	14 09 49.7 -1.8
PB07	IPOC Station P	3.38 314	iP	Pn	14 09 51.4
PB07	comp=N,1µm,0.3s	3.38 314	eP	Pn	14 09 10.0 +0.9
PB07	IPOC Station P	3.38 314	eP	Pn	14 09 10.3 +1.1
PB07	IPOC Station P	3.38 314	eS	Pn	14 09 50.0 -1.5
PB07	IPOC Station P	3.38 314	eS	Pn	14 09 54.8
PB01	comp=Z,603nm,0.3s	3.67 325	eP	Pn	14 09 13.2 +0.6
PB01	IPOC Station P	3.67 325	eP	Pn	14 09 55.5 -2.3
PB01	IPOC Station P	3.67 325	eS	Pn	14 09 56.8
PB01	comp=E,633nm,0.2s	3.67 325	eP	Pn	14 09 13.1 +0.5
PB02	IPOC Station P	3.68 318	eP	Pn	14 09 13.4 +0.6
PB02	IPOC Station P	3.68 318	eS	Pn	14 09 55.2 -2.9
PB02	IPOC Station P	3.68 318	eS	Pn	14 09 59.1
PB08	comp=E,648nm,0.2s	4.31 336	eP	Pn	14 09 22.9 +2.0
PB08	IPOC Station P	4.31 336	eP	Pn	14 10 10.8 -1.8
PB08	IPOC Station P	4.31 336	eS	Pn	14 10 16.6
PB08	comp=E,273nm,0.8s	4.31 336	eP	Pn	14 09 22.0 +1.1
GO03	Copiap	4.40 217	eP	Pn	14 09 22.2 +0.6
GO03	Copiap	4.40 217	eP	Pn	14 09 22.7 +1.1
GO03	Copiap	4.40 217	eS	Pn	14 10 13.7 -0.4
TA01	Diego Aracena	4.43 232	Pn	Pn	14 09 22.3 +0.2
CYA	Choyá	4.52 164	eP	Pn	14 09 20.6 +3.2
CYA	Choyá	4.52 164	eP	Pn	14 09 25.1 +1.9
CYA	Choyá	4.52 164	eS	Pn	14 10 17.4 +0.5
VCA	Vinchina	4.70 190	eP	Pn	14 09 20.0 -0.6
VCA	Vinchina	4.70 190	eS	Pn	14 10 20.0 -1.2
PB11	IPOC Station P	4.85 332	eP	Pn	14 09 27.2 -0.4
PSXCX	Pisagua	5.21 325	eP	Pn	14 09 20.6 +3.2
ACLC	CERRO LA CRUZ	5.32 177	eP	Pn	14 09 34.7 +1.2
ACLC	CERRO LA CRUZ	5.32 177	eS	Pn	14 10 35.1 -0.3
AC04	Llanos de Chal	5.34 219	Pn	Pn	14 09 33.3 -0.3
APLL	PUNTA DE LOS L	6.31 174	eP	Pn	14 09 46.5 +0.3
APLL	PUNTA DE LOS L	6.31 174	eS	Pn	14 10 55.6 -2.8
APLL	PUNTA DE LOS L	6.31 174	eS	Pn	14 10 56.1
GO04	Toledo Observa	6.83 207	Pn	Pn	14 09 53.3 +0.2
GO04	Toledo Observa	6.83 207	eP	Pn	14 10 57.5 -1.3
CO03	El Pedregal	7.38 204	Pn	Pn	14 10 20.3 +0.2
CO06	Fray Jorge	7.62 210	Pn	Pn	14 10 02.0 -1.2
LAZ	La Paz	7.81 354	Pn	Pn	14 10 07.7 +1.3
LAZ	La Paz	7.81 354	eP	Pn	14 11 33.4 -1.4
LAZ	La Paz	7.81 354	eS	Pn	14 11 33.4 -1.4
LAZ	La Paz	7.81 354	eS	Pn	14 10 07.1 +0.8
LAZ	La Paz	7.81 354	eS	Pn	14 10 07.2 +0.8
LAZ	La Paz	7.81 354	eS	Pn	14 10 03.0 -3.4
LAZ	La Paz	7.81 354	eS	Pn	14 11 33.8 -1.0
CO02	Combarbal	7.82 204	Pn	Pn	14 10 05.0 -0.9
AUSA	Uspallata	8.31 193	eP	Pn	14 10 14.2 +1.7
MRS	San Martin	8.40 171	eP	Pn	14 10 07.5 +6.0
MRS	Salagasta	8.58 189	eP	Pn	14 11 42.7 -5.3
ASAL	Salagasta	8.58 189	eS	Pn	14 10 17.2 +1.5
CPUP	Villa Florida	9.26 106	eP	Pn	14 11 52.0 +4.1
MT05	Renca	9.76 197	Pn	Pn	14 11 42.2 +5.5
SIV	San Ignacio	9.93 37	Pn	Pn	14 10 32.8 -0.7
SIV	San Ignacio	9.93 37	eP	Pn	14 12 08.0 -1.7
RFA	comp=Z,0.1nm,0.3s,baz=308,slow=19,SNR=1.9	10.69 185	eP	Pn	14 10 44.3 +1.1
RFA	San Rafael	10.69 185	eP	Pn	14 12 41.1 -1.3
ITQB	Itaqui	10.99 123	eP	Pn	14 10 48.5 +1.5
AQDB	Aquidauana	11.29 74	Pn	Pn	14 10 53.7 +2.8
AQDB	Aquidauana	11.29 74	eP	Pn	14 10 54.2 -2.7
PTLB	Ponte e Lacer	11.50 43	eP	Pn	14 11 57.4 +1.9
ML02	Panmavida	12.18 196	P	P	14 11 05.6 -1.1
VILB	Vilheña	12.94 32	eP	Pn	14 11 16.0 +0.6
TRCB	Terra Rica	13.48 87	Pn	Pn	14 11 21.0 -0.5
TRCB	Terra Rica	13.48 87	eP	Pn	14 11 23.2 +1.8
SALV	Santo Antonio	13.81 242	eP	Pn	14 11 24.2 +2.0
CPBS	Capacava Do Su	13.80 120	eP	Pn	14 11 22.8 +0.3
PTGB	Pitanga	13.86 96	eP	Pn	14 11 25.9 +0.3
ITAB	Concordia	13.99 106	eP	Pn	14 11 27.6 +0.7
ITAB	Concordia	13.99 106	eP	Pn	14 11 27.7 +0.7
ETMB	Extrema	14.23 4	eP	Pn	14 11 29.8 +0.0
PLTB	Pedras Altas	14.27 105	eP	Pn	14 11 28.4 +0.4
PLTB	Pedras Altas	14.27 125	eP	Pn	14 11 27.8 -0.6
TRQA	Tornquist	14.63 163	Pn	Pn	14 11 32.7 0.0
TRQA	Tornquist	14.63 163	eP	Pn	14 11 28.9 -3.9
PCMB	Pacambu	14.95 84	eP	Pn	14 11 40.2 +2.6
LC01	Cunco	15.27 194	eP	Pn	14 11 40.4 -0.2
SAML	comp=Z,4.2nm,0.9s	15.55 15	P	P	14 11 44.4 +0.2
SAML	Samuel	15.55 15	eP	Pn	14 11 45.2 +0.9
FRTB	Fatura	16.22 91	eP	Pn	14 11 53.4 +1.1
ITRB	Iturama	16.27 78	eP	Pn	14 11 55.0 +2.7
TJ01	Guarua-PR	16.63 98	eP	Pn	14 11 57.2 -0.1
ARAG	Araguaiana, MT	16.74 63	eP	Pn	14 11 59.4 +1.0
PLCA	Paso Flores	16.82 189	P	P	14 12 01.9 +2.6
PLCA	Paso Flores	16.82 189	Pn	Pn	14 12 00.9 +1.6
PLCA	Paso Flores	16.82 189	eP	Pn	14 11 51.3 -6.9
CLDB	Colider	17.08 42	eP	Pn	14 12 01.6 +0.5
CZSB	Cruzeiro do Su	17.09 341	eP	Pn	14 11 58.8 -2.5
BB19B	Bebedouro	17.55 84	eP	Pn	14 12 08.3 +0.2
SPB	Sao Paulo	18.14 92	eP	Pn	14 12 12.9 +0.2
RCLB	Rio Claro- Sao	18.20 89	eP	Pn	14 12 15.2 +0.5
PET01	Ithanhem-SP	18.23 95	eP	Pn	14 12 14.8 +1.2
VLO	Valinhos	18.64 91	eP	Pn	14 12 18.5 +0.4
LA01	San Ignacio de	18.73 192	P	P	14 12 19.0 +0.2
LA01	San Ignacio de	18.73 192	eP	Pn	14 12 25.1
IPMB	comp=Z,9.6nm,0.8s	18.78 75	eP	Pn	14 12 20.8 +1.1
SANB	Serra Nova Dou	19.36 54	eP	Pn	14 12 26.5 +0.6
PARB	Paraibuna	19.82 92	eP	Pn	14 12 30.9 0.0
BDFB	Brasilia	19.94 69	eP	Pn	14 12 32.9 +0.6
BDFB	Brasilia	19.94 69	eP	Pn	14 12 32.3 +0.1
ESAR	Angra dos Reis	20.94 92	eP	Pn	14 12 42.8 +0.1
BSCB	Bom Sucesso	20.99 86	eP	Pn	14 12 44.2 +0.9
VEX0	Peixe	21.57 60	eP	Pn	14 12 48.9 -0.5
MACA	Manacapuru-AM	21.58 92	eP	Pn	14 12 51.4 +0.4
PAS01	Vassouras-RJ	21.96 90	eP	Pn	14 12 58.1 +0.6
ITTB	Itaituba	22.54 31	eP	Pn	14 12 58.8 +0.1
DIAM	Diamantina, MG	22.72 80	eP	Pn	14 13 00.8 +0.3
DUB01	Friburgo-RJ	22.97 90	eP	Pn	14 13 03.4 +0.8
JANB	Januaria	23.38 72	eP	Pn	14 13 06.5 +0.2
SMTB	Santa Maria do	24.14 54	eP	Pn	14 13 14.4 +1.1
SDBA	SAO DESIDERIO	24.16 65	eP	Pn	14 13 15.5 +0.1
PRPB	Parauapebas	24.46 46	eP	Pn	14 13 17.2 +1.1

ALF01	Guarapari-ES	24.76 87	eP	P	14 13 20.0 +1.2
SJMB	Sao Joao De Ma	24.84 83	eP	P	14 13 20.2 +0.6
RIB01	Linhares ES	25.39 84	eP	P	14 13 24.9 +0.4
MAL01	Monte Alegre	25.32 82	eP	P	14 13 25.1 +0.2
NALN	Guarapari, ES	26.06 81	eP	P	14 13 31.0 +0.5
OTAV	Otavallo	26.57 304	eP	P	14 13 31.0 -4.2
GU01	Guaratatinga, BA	26.77 79	eP	P	14 13 37.6 +0.7
BOAV	Boa Vista	27.13 15	eP	P	14 13 38.9 -1.2
GO09	Cerro Castillo	27.41 187	P	P	14 13 41.8 -0.5
CMC01	Camacan, BA	27.47 77	eP	P	14 13 43.6 +0.4
NBIT	Itapeva - BA	27.72 76	eP	P	14 13 45.4 +0.1
GDUI	Guandu, BA	28.03 79	eP	P	14 13 49.7 +0.4
NBPN	Ponto Novo - B	28.68 68	eP	P	14 13 55.1 -0.8
NBPS	Pedro II - PI	31.65 56	eP	P	14 14 20.1 -0.1
NBMA	Murici-CE	31.96 63	eP	P	14 14 23.7 +0.9
NBPP	Pedra Branca-C	32.37 60	eP	P	14 14 25.9 -0.4
NBPA	Anadia - AL	32.83 69	eP	P	14 14 30.9 +0.5
NBPA	Parau - RN	34.23 63	eP	P	14 14 33.1 +0.7
NBPV	Pedro Velho	35.35 65	eP	P	14 14 52.1 +0.1
BOSA	Boschof	80.90 117	P	P	14 20 10.7 +2.8
BOSA	comp=Z,0.9nm,0.4s,baz=247,slow=4.5,SNR=1.8	80.90 117	iAmb	iAmb	14 20 10.7
BOSA	comp=Z,4nm,1.3s	80.90 117	iAmb	iAmb	14 20 10.7
WRA	Warramunga Arr	131.44 208	PKP	PKKPK	14 27 09.2 +3.3
WRA	comp=Z,0.2nm,0.5s,baz=156,slow=1.7,SNR=0.8	131.44 208	PKP	PKKPK	14 27 27.6 +1.5
ZALV	Zalesovo Beam	143.59 28	PKP	PKPpdf	14 27 36.1 -0.2
ZALV	comp=Z,0.1nm,0.5s,baz=33,slow=3.6,SNR=3.2	143.59 28	PKP	PKKPK	14 27 36.1 -0.2
MKAR	Makanchi Array	146.74 39	PKP	PKPbc	14 27 36.1 -0.2
MKAR	comp=Z,1.4nm,0.6s,baz=306,slow=2.9,SNR=15	146.74 39	PKP	PKKPK	14 27 36.1 -0.2

IDC 16 14:28:59.9-0.8, 43:43N; 137:85E, h274km, 11km, mb3.2/8, mb1 3.2/13, mb1mx3.0/40, mbtmp3.8/13, Error ellipse: s-maj=15.7km s-min=11.8km az=59.0

JMA 16 14:29:00.3-0.3, 43:35N; 137:93E, h277km, 3km, M3.4

ISC 16 14:28:59.5-0.7, 43:29N; 0.05:138.01E:0.06, h277km, n35, o165/49, mb3.5/8, Eastern Sea of Japan

Code	Station Name	Δ°	AZ°	Phase ID	Time Res
JOSM	Okushiri-Mats	1.62 138	P	Pn	14 29 42.8 +1.5
JSHR	Shimada	1.63 113	P	Pn	14 29 42.8 +1.5
JSHR	Shakotan	1.80 87	P	Pn	14 29 44.0 +1.4
JSK	SK	1.40 18.5	eS	S	14 29 18.5 +1.8
JOMM	Oshimamatsumae	2.31 139	P	Pn	14 29 48.8 +1.9
JEW	Eniwo	2.56 99	P	Pn	14 29 51.3 +2.0
KJB	Kayabe	2.64 121	P	Pn	14 29 51.7 +1.7
JHR	Hokuryu	2.79 79	P	Pn	14 29 53.9 +2.0
JOT	Ohta	2.96 129	P	Pn	14 29 54.5 +1.3
JRBN	Rebuntou	3.06 45	P	Pn	14 29 55.0 +0.9
JRBN	Rebuntou	3.06 45	eS	S	14 30 37.3 -0.4
JFR	Furan	3.35 91	P	Pn	14 29 58.9 +1.5
JFR	Furan	3.35 91	eS	S	

TATO	baz=284	S	Sb	14 37 08.4 -0.8	
TWY	Chenhua	0.99 302	P	Pb	14 36 56.6 -0.3
TWY	baz=302	i	Sb	14 37 09.7 -0.1	
ANP	Anpu	1.01 295	eP	Pb	14 36 57.1 -0.2
ANP	baz=296	S	Sb	14 37 09.1 -1.3	
BACT	New Taipei Cit	1.02 284	eP	Pb	14 36 57.5 +0.1
BACT	baz=285	S	Sb	14 37 10.6 0.0	
ETL	Fush Village	1.02 234	P	Pb	14 36 57.1 -0.4
ETL	baz=234	eS	Sb	14 37 11.0 +0.3	
NACB	Ninganchiao	1.03 236	P	Pb	14 36 56.7 -1.0
NACB	baz=218	S	Sb	14 37 11.3 +0.3	
YHNB	Yeheng	1.05 265	||P	Pb	14 36 57.5 -0.6
YHNB	baz=266	S	Sb	14 37 10.6 -1.1	
NTST	Danshui	1.06 293	P	Pb	14 36 57.5 -0.6
NTST	baz=281	i	Sb	14 37 11.9 +0.1	
NSK	Sanguang	1.07 266	||iP	Pb	14 36 57.8 -0.6
NSK	baz=266	i	Sb	14 37 10.9 -1.3	
TWD	Chiawan	1.09 232	iP	Pb	14 36 57.9 -0.7
TWD	baz=232	i	Sb	14 37 13.3 +0.7	
NNS	Nan Shan	1.10 253	||iP	Pb	14 36 58.4 -0.5
NNS	baz=264	i	Sb	14 37 13.2 +0.1	
ETLH	Xiulin Townshi	1.10 240	P	Pb	14 36 58.7 -0.2
ETLH	baz=225	S	Sg	14 37 13.8 0.0	
NTY	Taoyuan	1.15 282	eP	Pb	14 36 59.8 +0.3
NTY	baz=272	eS	Sb	14 37 13.8 -0.4	
HWA	Hwallen	1.15 227	P	Pn	14 36 59.6 +0.1
HWA	baz=227	eS	Sb	14 37 14.4 0.0	
IRIF	Iriomote-Funau	1.17 111	P	Pb	14 36 58.7 -1.2
IRIF	baz=210	S	Sb	14 37 13.9 -1.1	
TEYL	Yanliu Villag	1.23 224	eP	Pb	14 37 00.3 -0.4
ETM	Tongmen	1.23 230	P	Pn	14 37 00.7 -0.1
ETM	baz=216	eS	Sb	14 37 16.0 -0.8	
NCU	National Centr	1.24 280	P	Pn	14 37 00.3 -0.5
NCU	baz=281	S	Sb	14 37 16.3 -0.6	
NCUH	Zhongli	1.24 280	eP	Pn	14 36 59.9 -1.0
NCUH	baz=281	S	Sb	14 37 16.9 0.0	
FUSS	Fushou	1.28 247	||eP	Pb	14 37 01.4 -0.2
FUSS	baz=248	eS	Sb	14 37 18.1 -0.2	
WHF	Hehuan Shan	1.31 242	iP	Pn	14 37 01.9 -0.3
WHF	baz=243	S	Sb	14 37 18.5 -0.8	
TWT	Tachien	1.33 248	iP	Pb	14 37 03.1 +0.2
TWT	baz=249	eS	Sb	14 37 19.2 -0.6	
TDCB	Techi	1.35 248	||eP	Pn	14 37 03.0 +0.5
TDCB	baz=249	S	Sn	14 37 19.3 -0.9	
HATJ	Hateruma jima	1.36 121	P	Pb	14 37 03.5 +0.3
HATJ	baz=210	eS	Sb	14 37 20.2 +0.1	
ESL	Shiin	1.37 227	iP	Pn	14 37 02.4 -0.3
ESL	baz=227	S	Sn	14 37 19.1 -1.6	
TEGC	Jichi Village	1.38 221	P	Pn	14 37 02.0 -0.8
NSTT	Nanjuang	1.40 265	iP	Pb	14 37 04.4 +0.5
NSTT	baz=266	i	Sn	14 37 21.2 0.0	
CHGB	Renai	1.42 241	P	Pn	14 37 04.1 +0.6
CHGB	baz=225	S	Sn	14 37 21.5 -0.5	
HSN	Hsinchu	1.42 272	P	Pn	14 37 02.5 -0.8
HSN	baz=274	eS	Sn	14 37 19.4 -2.3	
JKRS	Kuro-shima	1.44 111	P	Pn	14 37 03.1 -0.5
JKRS	baz=211	S	Sb	14 37 21.2 -1.1	
OWD	Renai	1.47 237	P	Pn	14 37 04.8 +0.6
OWD	baz=222	eS	Sn	14 37 22.2 -1.0	
EGFH	Guangfu	1.48 223	eP	Pn	14 37 03.8 -0.3
EGFH	baz=209	eS	Sn	14 37 22.7 -0.5	
NJN	Zhunan	1.51 267	eS	Sn	14 37 23.1 -0.9
NJN	baz=262	P	Pn	14 37 03.6 -1.1	
JJU	Ishigaki jima	1.52 105	P	Pn	14 37 21.9 -2.3
JJU	baz=235	i	Sb	14 37 06.7 +0.7	
WHP	Taichung City	1.52 252	iP	Sb	14 37 25.5 +0.3
WHP	baz=241	i	Sb	14 37 07.1 -0.2	
NMLH	Miaoli	1.60 262	eP	Pb	14 37 07.4 -0.3
WPL	Puli Township	1.62 243	P	Pn	14 37 05.7 -0.3
WPL	baz=231	P	Pn	14 37 25.1 -1.5	
HGSD	Hungye	1.62 219	P	Pn	14 37 05.1 -1.1
HGSD	baz=207	eS	Sn	14 37 25.4 -1.5	
JISG	Ishigakijimahi	1.63 96	P	Pn	14 37 07.9 0.0
JISG	baz=233	eS	Sb	14 37 27.9 +0.9	
DPDB	Guoxing	1.63 244	eP	Pb	14 37 08.0 -0.1
WCS	Beigang Elemen	1.63 245	P	Pb	14 37 07.7 -0.2
WCS	baz=231	eS	Sn	14 37 27.9 +0.9	
NSY	Sanyi	1.65 258	P	Pb	14 37 08.0 -0.1
NSY	baz=276	S	Sn	14 37 28.4 +1.0	
TWQ1	Liyutan	1.65 256	P	Pn	14 37 07.5 +1.0
TWQ1	baz=273	eS	Sn	14 37 27.6 +0.1	
EHY	Hungye	1.67 222	iP	Pn	14 37 06.0 -0.7
EHY	baz=222	eS	Sn	14 37 25.8 -2.1	
SMLT	Sun Moon Lake	1.73 240	iP	Pb	14 37 09.0 -0.5
SMLT	baz=226	eS	Sn	14 37 29.3 -0.1	
SSLB	Suanguang	1.73 236	P	Pn	14 37 08.3 +0.6
SSLB	baz=223	eS	Sn	14 37 28.5 -1.0	
ECBN	Changbin	1.74 215	P	Pn	14 37 07.6 -0.1
ECBN	baz=201	S	Sb	14 37 29.0 -0.7	
TYC	Yuchr	1.75 241	P	Pn	14 37 09.3 -0.5
TYC	baz=227	eS	Sn	14 37 30.5 +0.7	

YULB	Yu-li	1.77 220	P	Pn	14 37 07.6 -0.5
YULB	baz=220	eS	Sn	14 37 27.7 -2.7	
EYUL	Yuli	1.79 218	eP	Pn	14 37 08.3 -0.2
EYUL	baz=234	eS	Sn	14 37 29.7 -1.1	
TWF1	Yuli	1.80 219	iP	Pn	14 37 07.9 -0.6
TWF1	baz=219	S	Sn	14 37 30.4 -0.7	
WHYT	Xinyi Township	1.86 236	eP	Pn	14 37 10.9 +1.4
WHYT	baz=223	eS	Sn	14 37 33.4 +0.7	
WJS	Zhushan	1.89 241	eP	Pb	14 37 12.3 0.0
WJS	baz=227	eS	Sn	14 37 34.5 +1.1	
WNT	Mingjian	1.90 243	P	Pb	14 37 12.1 -0.3
WNT	baz=229	eS	Sb	14 37 36.0 0.0	
WCHH	Zhanghua	1.92 250	eP	Pn	14 37 11.6 +1.4
FULB	Full	1.92 216	P	Pn	14 37 09.9 -0.4
FULB	baz=203	S	Sn	14 37 34.5 +0.3	
CHKT	Chengkung	1.97 213	eP	Pn	14 37 09.4 -1.4
CHKT	baz=201	S	Sn	14 37 33.3 -1.9	
JTJ	Tarama	1.98 93	P	Pn	14 37 11.3 +0.3
JTJ	baz=251	eS	Sb	14 37 35.1 -0.4	
ALS	Alishan	2.01 232	P	Pn	14 37 12.7 +1.0
ALS	baz=218	S	Sn	14 37 35.8 -0.9	
ECS	Chishang	2.05 216	eP	Pn	14 37 11.5 -0.5
CHNS	Tsauling	2.05 236	P	Pn	14 37 13.8 +1.7
CHNS	baz=223	S	Sn	14 37 38.1 +0.7	
ELDTW	Lidau	2.09 222	P	Pn	14 37 12.5 -0.2
ELDTW	baz=210	S	Sn	14 37 36.2 -2.2	
WGK	Gukung	2.09 240	P	Pb	14 37 14.6 -1.1
EDH	Donghe	2.10 213	P	Pn	14 37 12.5 -0.2
EDH	baz=202	S	Sn	14 37 36.7 -1.9	
WDLH	Douliu	2.11 240	eP	Pn	14 37 14.5 +1.7
WDLH	baz=227	eS	Sb	14 37 40.9 -1.1	
WRL	Guolierlin Hig	2.14 247	eP	Pb	14 37 14.8 +1.5
WTK	Tuku	2.23 242	eP	Pb	14 37 16.7 -1.3
WTK	baz=242	P	Pb	14 37 17.1 -1.1	
CHN2	Minshiang	2.24 237	P	Pb	14 37 17.1 -1.1
LONT	Longtian	2.25 215	eP	Pn	14 37 13.8 -0.9
LONT	baz=215	S	Sn	14 37 41.1 -1.1	
STYH	Taoyuan	2.25 226	eP	Pn	14 37 15.8 +1.0
STYH	baz=214	eS	Sb	14 37 42.2 -0.1	
TPUB	Ta-pu	2.27 230	eP	Pn	14 37 16.4 +1.4
TPUB	baz=218	eS	Sn	14 37 42.9 +0.2	
STYT	Taoyuan	2.27 226	P	Pn	14 37 15.9 +0.8
STYT	baz=213	P	Pn	14 37 17.1 +1.5	
WTP	Ta-pu	2.31 230	P	Pn	14 37 17.2 +0.9
WTP	baz=217	S	Sn	14 37 15.1 -1.0	
TWGBT	Beinan	2.35 215	eP	Pn	14 37 15.6 -0.5
TWGBT	baz=214	P	Pn	14 37 17.9 +1.2	
TWG	Pinlang	2.35 215	P	Pn	14 37 18.4 +1.4
TWG	baz=214	eS	Sn	14 37 18.2 +0.8	
TWK	Hsiuying	2.39 232	eP	Pn	14 37 19.5 +1.8
TWK	baz=219	eS	Sn	14 37 18.4 +1.4	
CHN1	Nanshi	2.41 230	eP	Pn	14 37 18.2 +0.8
CHN1	baz=230	eP	Pn	14 37 19.5 +1.8	
SGST	Jiashian	2.44 227	eP	Pn	14 37 19.7 +1.7
SGST	baz=214	eP	Pn	14 37 19.5 +0.7	
SLGT	Liugui	2.46 225	eP	Pn	14 37 18.7 -0.8
SLGT	baz=225	eP	Pn	14 37 20.0 +0.5	
ICHU	Yijiu	2.48 236	eP	Pn	14 37 21.3 +1.0
ICHU	baz=237	eP	Pn	14 37 22.6 +1.9	
CHN8	Yijiu	2.54 237	eP	Pn	14 37 22.3 +0.6
CHN8	baz=223	eP	Pn	14 37 54.2 -0.5	
ECL	Taimali	2.59 214	eP	Pn	14 37 23.3 +0.9
ECL	baz=214	eP	Pn	14 37 21.8 -0.9	
CHN3	Shinhu	2.59 230	eP	Pn	14 37 24.9 +1.3
CHN3	baz=230	eP	Pn	14 37 25.4 +1.0	
SSD	Sandimen	2.65 221	eP	Pn	14 37 24.4 -0.2
SSD	baz=212	eP	Pn	14 37 25.1 +0.4	
TSMC	Majia	2.68 221	eP	Pn	14 37 25.1 +0.2
TSMC	baz=211	eP	Pn	14 37 25.9 -0.1	
MASBT	Mashibuluo	2.76 220	eP	Pn	14 37 25.6 -0.9
MASBT	baz=210	eS	Sn	14 37 26.9 -1.2	
MASBT	baz=210	eS	Sn	14 37 28.5 +0.4	
VWUC	VWUC	2.81 275	eP	Pn	14 37 27.4 -0.8
VWUC	baz=277	eP	Pn	14 37 35.2 -0.6	
EAST	Anshuo	2.83 213	eP	Pn	14 37 40.8 0.0
EAST	baz=213	eP	Pn	14 37 45.0 +0.1	
SSPT	Xinbi	2.89 219	eP	Pn	14 37 59.8 +2.0
SSPT	baz=218	eP	Pn	14 45 49.0	
SCZT	Fangliu	2.95 217	eP	Pn	14 52 00.1
SCZT	baz=205	eP	Pn	14 42 03.9 -0.1	
PNG	Penghu	2.97 247	eP	Pn	14 51 40.4
PNG	baz=247	eP	Pn	14 42 05.7 +0.3	
PHUB	Peng-hu	2.97 246	eP	Pn	14 51 39.6
PHUB	baz=246	eP	Pn	14 42 14.6 +1.1	
SLIU	Shizi	2.99 212	eP	Pn	14 53 34.1
SLIU	baz=212	eP	Pn	14 44 02.1 0.0	
XPSS	Dashiqiu	3.02 316	eP	Pn	
XPSS	baz=317	eP	Pn		
LYJJ	Jianjiangzhen	3.07 306	eP	Pn	
LYJJ	baz=307	eP	Pn		
PTMZ	Houxiangcun	3.11 276	eP	Pn	
PTMZ	baz=277	eS	Sn		
PTMZ	baz=277	eS	Sn		
TWKBT	Hengchun	3.22 210	eP	Pn	
TWKBT	baz=209	eP	Pn		
TWK1	Hengchun	3.22 210	eP	Pn	
TWK1	baz=209	eP	Pn		
VCHM	Qimei	3.23 242	eP	Pn	
VCHM	baz=243	eP	Pn		
KNMB	Chin-men Tao	3.78 266	eP	Pn	
KNMB	baz=268	eP	Pn		
AXDP	Chialang	4.15 273	eP	Pn	
AXDP	baz=275	eP	Pn		
ZPLA	Ao Xicun	4.44 260	eP	Pn	
ZPLA	baz=260	eP	Pn		
KSRS	Korea Array	13.47 19	P	LR	14 45 49.0
KSRS	1.1nm,0.3s,ba=199,slow=11,SNR=11				
KSRS	comp=Z,43nm,18.1s,ba=203,slow=40				
CMAR	Chiang Mai Arr	22.79 259	LR	LR	14 52 00.1
CMAR	comp=Z,19nm,18.1s,ba=130,slow=39				
ASAJ	Asahikawa	25.31 35	P	LR	14 42 03.9 -0.1
ASAJ	2.4nm,0.8s,ba=197,slow=11,SNR=2.1				
ASAJ	comp=Z,26nm,19.3s,ba=167,slow=35				
KLR	Kul'dur	25.47 14	P	LR	14 42 05.7 +0.3
KLR	1.3nm,0.8s,ba=212,slow=9.5,SNR=3.5				
KLR	comp=Z,26nm,19.5s,ba=198,slow=35				
SONM	Songino Array	26.34 335	P	LR	14 42 14.6 +1.1
SONM	1.6nm,0.9s,ba=146,slow=9.4,SNR=5.6				
SONM	comp=Z,34nm,18.8s,ba=64,slow=38				
MKAP	Makanchi Array	38.79 315	P	LR	14 44 02.1 0.0
MKAP	0.1nm,0.4s,ba=111,slow=9.2,SNR=3.5				

ZALV	Zalesovo Beam	40.44 326	LR	LR	15 00 55.3
ZALV	comp=Z,35nm,22.0s,ba=96,slow=36				
KURBB	Kurchatov Arra	42.47 319			

16d 15h

Table with columns: BRVK, Borovoye, 18.36, 49, iP, Pn, 14.51, 11.3, +1.0. Includes FINES, FINES Array B, and various station codes like DNK, IPEC, PRU, VIE, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KSP, CHVC, OSTO, UPIC, DPC, PVCC, KRLC, BRG, PRA, PRU, MORC, etc.

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Table with columns: HFS, NOA, NOA, FINES, EKA, ARCS, etc. Includes station names and coordinates like Raoul Island, NZR, etc.

ADC 16:15:03.48.4.0.6.29.59Sx179.02W, h311km, 6km, 63/6.9, mb1 3.8/12, mb1mx3.6/21, mbtmp4.3/12, Error ellipse: s-maj=19.7km s-min=14.2km az=114.0

Main station list table for the 2015 AUG section, including stations like Raoul Island, NZR, NZR, etc.

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Table with columns: WRA, WRA, WRA, WRA, WBO, PTCN, FORT, SBA, SBA, Vnda, KNRA, KNRA, KHLU, PSAO, CASY, MORV, MORV, GIRL, GSPA, TOLJ, TOLJ, MAW, MAW, MJAR, MJAR, SNA, SNA, SNA, VNA3, JTM, JTM, VNA1, KSRS, YSS, PETK, CMAR, MKAR, ARCS, ARCS, KBZ, KBZ, FIA1, FINES, FINES, NC03, NB2, NOA, AKASG, AKASG, AKASG, AKASG, BRTR, BRTR, etc.

NEIC 16:15:18.30.0.1.1, 19.45N, 0.08, 66.35W, 0.05, h39km, 5.7km, Error ellipse: s-maj=11.9km s-min=6.6km az=180.0

Main station list table for the 876 section, including stations like Esperanza, Ma, Esperanza, Ma, AOPR, AOPR, AOPR, GPCR, GPCR, GPCR, GPCR, GPCR, GPCR, etc.

IDC 16 15:35:31.70.8.0.57:162S:25.46W,h0km,mb4.2/4, mb1 4.2/6,mb1mx4.0/22,mbtmp4.1/6,ML3.8/2,Error ellipse: s-maj=37.5km s-min=21.0km,az=72.0

NEIC 16 15:35:39.8:1.1.57:4S:0.1:25:7W:0.2:h5km,5km, mb4.6/17,Error ellipse: s-maj=16.3km s-min=13.6km az=201.0

ISC 16 15:35:38.6:0.5.57:28S:0.09:25.5W:0.1,h43km,n42, 0588/38,mb4.4/8,South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like HOPE, VNA1, VNA3, etc.

DRS 16 15:39:25.0:0.43:05N:47.26E,h13km MOS 16 15:39:25.0:2.8:43:14N:47.91E,h7km,mb3.5/1,Error ellipse: s-maj=7.3km s-min=5.3km,az=66.2

MOS 16 15:39:27.0:0.42:92N:47.11E,h2km,MPVA3.7 NORS 16 15:39:29.0:0.42:88N:46.94E,h1km,MPVA3.7

ISC 16 15:39:25.4:1.3,43.09N:0.04:47.30E:0.03,h6km,10km, n41,1525/10,3C-2D,Eastern Caucasus

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KMKR, GROC, KSMR, etc.

IDC 16 15:57:42.2:1.3,37.71N:142.06E,h0km,mb3.4/4, mb1 3.5/8,mb1mx3.3/39,mbtmp3.4/8,ML3.1/4,MS2.5/2, Ms1 2.5/2,ms1mx2.2/28,Error ellipse: s-maj=30.5km s-min=20.7km az=99.0

JMA 16 15:57:45.9:0.1,37.76N:141.95E,h34km,2km,M3.9 ISC 16 15:57:43.7:1.7,37.74N:142.03E:0.06,h14km,10km, n31,1510/42,mb3.2/4,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KMKR, GROC, AKTO, etc.

0.3nm,0.4s,baz=346,slow=7.4,SNR=2.4 SOMN Sogingo Array 49.77 342 P 16 20 38.3 -1.1

0.2nm,0.4s,baz=160,slow=5.2,SNR=1.4 MKAR Makanchi Array 59.90 326 P 16 21 53.6 +0.9

IDC 16 16:20:57.4:1.4,7.97S:147.39E,h0km,mb3.6/9, mb1 3.9/11,mb1mx3.8/27,mbtmp3.7/11,ML3.8/2,MS3.2/2, Ms1 3.2/2,ms1mx2.6/21,Error ellipse: s-maj=49.2km s-min=20.1km az=101.0

ISC 16 16:21:02.8:1.0,8.05S:0.1:147.3E:0.02,h35km,n13, 0599/11,mb3.6/8,Eastern New Guinea region

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

ISK 16 16:26:10.6,39:39N:43:92E,h16km,ML2.5/9 DDA 16 16:26:10.2,39:39N:44:02E,h7km,1km,ML2.7

ISC 16 16:26:10.5:1.3,39.39N:0.03:43.97E:0.04,h11km,11km, n17,0511/22,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CLDR, DYDN, IGDY, etc.

SOME 16 16:54:37.0,42:00N:82:37E,h25km NNC 16 16:54:39.9:1.4,42:15N:82:17E,h0km,mb3.7,mpv3.3

Error ellipse: s-maj=11.5km s-min=6.8km,az=167.0 ISC 16 16:54:35.5:2.4,42:12N:0.10:82:33E:0.07,h13km,n38, 1560/54,4C-4D,Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KTMS, PDGK, UZB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MDOK, MK31, MAZK, KUU, DGS, KRBS, ZSN, etc.

JMA 16 16:57:10.3:0.1,24.71N:122.54E,h30km,2km,M2.6
TAP 16 16:57:10.7:24.74N:122.42E,h10km,1km,ML3.0,D
ISC 16 16:57:09.6:1.1,24.73N:0.02:122.52E:0.02,h19km,3km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JYNG, YOJ, TWB1, TWC, NTC, TIPB, ILA, NWF, WFSB, ENA, TWE, TNOU, TWA, NHY, NDT, NHDH, YM01, YM08, TATO, TAT, PCYT, etc.

Table with columns: ETL, Fush Village, TWY, NACB, BACT, ANP, YHNB, NSK, TWD, NTST, ETLH, NNS, NNTY, IRIF, TEYL, ETM, NCU, FUSS, WHF, TWT, TWT, TDCB, HATJ, ESL, TEGC, HSN, NSTT, CHGB, SBCB, HSN, HSN, JKRK, OWD, EGFH, EGFH, WHP, WHP, JJJ, HGSD, NMLH, DPDB, WCS, JISG, NSY, NSY, EHY, EHY, TWQ1, SMLT, SMLT, SSLB, SSLB, TYC, TYC, TYC, YULB, YULB, EYUL, EYUL, WHYT, FULB, FULB, WCHH, WCHH. Includes station names and coordinates.

Table with columns: CHKT, ALS, CHN5, ELDTW, ELDTW, EDH, LONT, LDUT, WTP, TWK, CHN1, SLGT, SSD, TSMG, TAI1, MASBT, EAST, SCZT. Includes station names and coordinates.

TAP 16 17:00:13.4,24.77N:122.49E,h16km,1km,ML2.6,D
JMA 16 17:00:13.8:0.1,24.69N:122.49E,h9km,3km,ML1.7
ISC 16 17:00:13.4:1.0,24.74N:0.03:122.49E:0.02,h12km,9km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JYNG, TWB1, YOJ, YOJ, YOJ, TWC, TWC, NTC, TIPB, ILA, ILA, NWF, WFSB, WFSB, TWE, TWE, ENA, ENA, TNOU, TNOU, TWA, TWA, NHY, NHT, NHT, NHT, NHDH, NHDH, YM01, YM01, YM08, YM08, TAP, TAP, PCYT, PCYT, TWY, TWY, ETL, NACB, NACB, YHNB, YHNB, NSK, NSK, TWD, TWD, NNS, NNS, ETLH, NTY, TEYL, IRIF, NCU, NCU.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FUSS Fushou, WHF Hehuan Shan, NJD Zhudong, etc.

IDC 16 17:17:00.8:0.8,2:86S,122:35E,h0km,mb3.8/1, mb1 4.0/14, mb1mx3.9/37, mbtmp3.9/14, ML4.1/3, MS3.5/14, Ms1 3.0/14, ms1mx3.3/37, Error ellipse: s-maj=17.5km s-min=14.8km az=89.0

DJA 16 17:17:05.1:0.2,3:2:12:2E, h10km, M4.7/19, mb4.8/6, mB5.0/5, MLV4.7/19, Mw(mb)4.4/5, NEIC 16 17:17:08.2:1.2,9:1S:0.07x:122:36E:0.08,h38km,11km, mb4.2/10, Error ellipse: s-maj=10.9km s-min=10.5km az=69.0

ISC 16 17:17:06.9:0.5,2:89S:0.05x:122:40E:0.06,h35km,n64, s137/61, mb4.0/18, MS3.0/3, Philippine Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, SONMI Sotino Array, MKAR Makanchi Array, etc.

IDC 16 17:17:15.2:4.0,62:38Sx155:74E,h0km,mb3.8/2, mb1 4.0/3, mb1mx3.8/27, mbtmp3.7/3, ML3.2/1, MS3.6/3, Ms1 3.6/3, ms1mx3.2/23, Error ellipse: s-maj=259.3km s-min=38.0km az=76.0, Balleny Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNSA Vanda, URZ Urewera, MAW Mawson, etc.

IDC 16 17:36:48.7:8.8,18:03Sx175:92W,h0km,mb3.3/3, mb1 3.7/3, mb1mx3.4/27, mbtmp3.3/3, Error ellipse: s-maj=388.4km s-min=42.0km az=142.0, Tonga Islands

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

EAF 16 17:36:48.5:3.3,26:31S:27:71E, h0km,67km, MD4.2(BUL) PRE 16 17:36:51.8:1.0,26:17S:27:49E,h2km,ML2.1, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HRAO Hartrao, KSR Koster, LBTB Lobatse, etc.

IDC 16 18:06:15.8:10.0,12:41S:166:85E,h235km,109km, mb3.1/4, mb1 3.3/5, mb1mx2.9/43, mbtmp3.6/5, Error ellipse: s-maj=104.7km s-min=30.6km az=159.0

ISC 16 18:06:14.5:1.1,12:3S:0.2x:166:8E:0.3,h220km,n13, s0667.7, mb3.3/4, Santa Cruz Islands

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

JMA 16 18:13:05.4:0.3,45:84N:142:53E,h343km,km, M3.2 IDC 16 18:13:05.6:0.8,45:83N:142:44E,h344km,17km,mb2.8/3, mb1 2.9/6, mb1mx2.6/47, mbtmp3.6/6, Error ellipse: s-maj=32.3km s-min=21.3km az=163.0

SKHL 16 18:13:06.4:0.3,46:00N:142:70E,h333km,1km,mb4.0/2, msh4.7/3

ISC 16 18:13:05.1:0.9,45:86N:0.07x:142:48E:0.08,h333km,n26, s1917/35, mb3.0/3, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JRR Rishiri, YSS Yuzh-Sakhalins, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAK Churui, AKK Akkeshi, NMR Nemuro-Hokkai, etc.

IDC 16 18:25:57.8:0.8,20:62N:120:39E,h0km,mb3.8/14, mb1 4.0/15, mb1mx3.8/41, mbtmp3.8/15, ML3.7/1, MS2.9/4, Ms1 3.0/4, ms1mx2.6/36, Error ellipse: s-maj=28.0km s-min=16.5km az=67.0

JMA 16 18:26:01.1:0.4,20:74N:120:41E,h0km,M4.3 NEIC 16 18:26:04.4:1.4,20:67N:0.07x:120:4E:0.1,h43km,9km, mb4.4/13, Error ellipse: s-maj=17.5km s-min=9.3km az=83.0

ISC 16 18:26:01.7:0.6,20:60N:0.04x:120:26E:0.06,h26km,n55, s137/61, mb4.0/18, MS3.0/3, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BBP Basco, TWG Tawu, TPUB Ta-pu, etc.

IDC 16 18:26:15.8:10.0,12:41S:166:85E,h235km,109km, mb3.1/4, mb1 3.3/5, mb1mx2.9/43, mbtmp3.6/5, Error ellipse: s-maj=104.7km s-min=30.6km az=159.0

ISC 16 18:06:14.5:1.1,12:3S:0.2x:166:8E:0.3,h220km,n13, s0667.7, mb3.3/4, Santa Cruz Islands

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

JMA 16 18:13:05.4:0.3,45:84N:142:53E,h343km,km, M3.2 IDC 16 18:13:05.6:0.8,45:83N:142:44E,h344km,17km,mb2.8/3, mb1 2.9/6, mb1mx2.6/47, mbtmp3.6/6, Error ellipse: s-maj=32.3km s-min=21.3km az=163.0

SKHL 16 18:13:06.4:0.3,46:00N:142:70E,h333km,1km,mb4.0/2, msh4.7/3

ISC 16 18:13:05.1:0.9,45:86N:0.07x:142:48E:0.08,h333km,n26, s1917/35, mb3.0/3, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, PETK Petropavlovsk, etc.

KLM 16 18:41:36.3:0.5N:128:50E,h42km,mb4.9 IDC 16 18:41:36.6:1.6,2:95N:128:36E,h57km,15km,mb4.0/20, mb1 4.2/23, mb1mx4.1/37, mbtmp4.3/23, MS3.4/15, Ms1 3.4/15, ms1mx3.2/37, Error ellipse: s-maj=16.6km s-min=9.2km az=77.0

DJA 16 18:41:37.1:0.5,3:2:12:2E, h50km,5km, M4.8/25, mb4.9/25, mb4.5/29, MLV5.0/12, Mw(mb)5.9, Mw(mb)5.6/1, Mwps5.7/1, NEIC 16 18:41:38.7:1.7,2:93N:0.08x:128:2E:0.1,h69km,7km,

16d 19h

mb4.6/35, Error ellipse: s-maj=15.0km s-min=11.6km

bz=77.0
ISC 16.18:41:34.8:0.4, 2.93N, 0.04E:128.40E:0.06, h35km, n133,
c#204/133, mb4.6/40, MS3.4/15, 2C-1D, Halmahera

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

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Main table of seismic events with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes event details like magnitude, depth, and location.

NEIC 16 19:07:34.9:2.6, 28°30'S:0°56'44"W:0.09,
h122km, 11km, Error ellipse: s-maj=12.6km s-min=6.4km
az=64.0
SJA 16 19:07:34.8:0.6, 28°27'S:67°54'W, h148km, 3km, M/L4.6,
M/W4.2
VAO 16 19:07:36.9:0.3, 28°27'S:67°37'W, h139km, mb4.4
IDC 16 19:07:36.9:0.6, 28°23'S:67°33'W, h134km, 5km, mb3.8/11,
mb1.3/9.1, mb1mx3.8/27, mbtmp4.2/15, MS3.1/1,
M1 3.2/1, mb1mx2.7/21, Error ellipse: s-maj=18.0km
s-min=13.0km az=82.0
ISC 16 19:07:35.9:0.5, 28°23'S:0°03'67.55W:0.03, h134km, 5km,
h163.1, s36/193, mb4.0/12, 6C-1D, La Rioja Province

880

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUA, RATU, KUVU, NIUE, RAO, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PA02, PA12, PA11, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC, JHH2, JHH1, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Ichnosoki, Korea Array, USRSK, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WB2, WRA, WRA, etc.

IDC 16:20:54.59.0.0, 51.66N, 175.33W, h0km, mb3.7/10, mb1.3/9.12, mb1mx3.7/5.5, mbtmp3.7/12, ML3.8/2, MS3.2/8, Ms1.3/2.8, ms1mx2.8/5.3, Error ellipse: s-maj=29.3km s-min=16.3km az=166.0

MOS 16:21:05:07.2.0.9, 5.66S: 153.96E, h46km, mb5.3/20, Error ellipse: s-maj=9.2km s-min=6.2km az=105.3

WRA 16:21:05:07.2.0.9, 5.66S: 153.96E, h46km, mb5.3/20, Error ellipse: s-maj=9.2km s-min=6.2km az=105.3

NEIC 16:20:55:05.8.1.4, 51.58N, 101.08W, 175.16W, 0.05, h41km, 15km, mb3.9/14, ML3.9(AEIC), Error ellipse: s-maj=11.2km s-min=6.1km az=172.0

NEIC 16:21:05:11.8.0.2, 5.96S: 0.01:154.01E:0.01, h41km, MV5.2/105, Moment Tensor Solution, s90, c120, s105, c162, Duration: 1s0, Moment tensor: Scale 1016 Nm; M=5.28e-19; Mw=3.76e-14; Mo=1.52e-15; Mo=1.36e-17; Mo=5.10e-13; Mo=3.53e-16; Best double couple: M=7.77700e-19, NP1=290.22958, 838.22541, 145.1.000000, NP2=144.87866, 360.73605, 1.115.77506, 1.000000, Azm21.00000, Azm102.00000, N 1.7730, Plg22.0000, Azm317.0000, P -8.6630, Plg14.0000, Azm221.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

WRA 16:21:05:11.8.0.2, 5.96S: 0.01:154.01E:0.01, h41km, MV5.2/105, Moment Tensor Solution, s90, c120, s105, c162, Duration: 1s0, Moment tensor: Scale 1016 Nm; M=5.28e-19; Mw=3.76e-14; Mo=1.52e-15; Mo=1.36e-17; Mo=5.10e-13; Mo=3.53e-16; Best double couple: M=7.77700e-19, NP1=290.22958, 838.22541, 145.1.000000, NP2=144.87866, 360.73605, 1.115.77506, 1.000000, Azm21.00000, Azm102.00000, N 1.7730, Plg22.0000, Azm317.0000, P -8.6630, Plg14.0000, Azm221.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

AEIC 16:20:55:05.1.6, 51.62N, 100.09W, 175.17W, 0.04, h27km, 7km, Error ellipse: s-maj=13.1km s-min=2.6km az=170.0

AEIC 16:21:05:11.8.0.2, 5.96S: 0.01:154.01E:0.01, h41km, MV5.2/105, Moment Tensor Solution, s90, c120, s105, c162, Duration: 1s0, Moment tensor: Scale 1016 Nm; M=5.28e-19; Mw=3.76e-14; Mo=1.52e-15; Mo=1.36e-17; Mo=5.10e-13; Mo=3.53e-16; Best double couple: M=7.77700e-19, NP1=290.22958, 838.22541, 145.1.000000, NP2=144.87866, 360.73605, 1.115.77506, 1.000000, Azm21.00000, Azm102.00000, N 1.7730, Plg22.0000, Azm317.0000, P -8.6630, Plg14.0000, Azm221.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

WRA 16:21:05:11.8.0.2, 5.96S: 0.01:154.01E:0.01, h41km, MV5.2/105, Moment Tensor Solution, s90, c120, s105, c162, Duration: 1s0, Moment tensor: Scale 1016 Nm; M=5.28e-19; Mw=3.76e-14; Mo=1.52e-15; Mo=1.36e-17; Mo=5.10e-13; Mo=3.53e-16; Best double couple: M=7.77700e-19, NP1=290.22958, 838.22541, 145.1.000000, NP2=144.87866, 360.73605, 1.115.77506, 1.000000, Azm21.00000, Azm102.00000, N 1.7730, Plg22.0000, Azm317.0000, P -8.6630, Plg14.0000, Azm221.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 16:20:55:05.8.0.7, 51.60N, 109.175W, 19W, 0.04, h40km, n69, e1921/64, mb3.7/10, MS2.9J, Andreasen Islands

ISC 16:21:05:11.8.0.2, 5.96S: 0.01:154.01E:0.01, h41km, MV5.2/105, Moment Tensor Solution, s90, c120, s105, c162, Duration: 1s0, Moment tensor: Scale 1016 Nm; M=5.28e-19; Mw=3.76e-14; Mo=1.52e-15; Mo=1.36e-17; Mo=5.10e-13; Mo=3.53e-16; Best double couple: M=7.77700e-19, NP1=290.22958, 838.22541, 145.1.000000, NP2=144.87866, 360.73605, 1.115.77506, 1.000000, Azm21.00000, Azm102.00000, N 1.7730, Plg22.0000, Azm317.0000, P -8.6630, Plg14.0000, Azm221.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

WRA 16:21:05:11.8.0.2, 5.96S: 0.01:154.01E:0.01, h41km, MV5.2/105, Moment Tensor Solution, s90, c120, s105, c162, Duration: 1s0, Moment tensor: Scale 1016 Nm; M=5.28e-19; Mw=3.76e-14; Mo=1.52e-15; Mo=1.36e-17; Mo=5.10e-13; Mo=3.53e-16; Best double couple: M=7.77700e-19, NP1=290.22958, 838.22541, 145.1.000000, NP2=144.87866, 360.73605, 1.115.77506, 1.000000, Azm21.00000, Azm102.00000, N 1.7730, Plg22.0000, Azm317.0000, P -8.6630, Plg14.0000, Azm221.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

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

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

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

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: RDO, comp=N, 362um, 0.2s, Rodhopi, 1.44 109 P, S, Pn, 21 37 24.6 -0.9, 21 37 43.5 +1.3, etc.

DJA 16:21:39.80.0.2, 2.2'S, 2.12'E, h10km, M4.8/14, mB5.2/8, mb5.1/13, MLv4.8/14, MW(mB)4.5/8, BUJ 16:21:39.40.0.0.1, 61'S, 127.33'E, h43km, mb4.9/13, mb4.8/25, NEIC 16:21:39.40.8.1.4, 1.54S, 0.06E, 127.53E, h40km, 8km, mb4.6/26, Error ellipse: s-maj=9.1km s-min=8.1km az=68.0, IDC 16:21:39.41.3.1.6, 1.53S, 127.53E, h46km, 16km, mb4.0/20, mb1.4/22, mb1mx4.0/44, mbtmp4.3/22, ML.7.4, MS3.3/4, Ms1.3.3/4, ms1mx3.0/31, Error ellipse: s-maj=13.0km s-min=11.0km az=134.0, ISC 16:21:39.41.8.0.8, 1.62S, 0.04E, 127.48E, h53km, 8km, m119.1, s157/130, mb4.5/38, MS3.1/3, 1C-1D, Halmahera

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, SANI Sanana, 1.55 254 P, Op, ISC, h 5 m s, ISC, 21 40 04.0 -3.0, etc.

Table with columns: PHIT, STKA, Bhisantulok, 32.58 306 P, P, 21 46 16.3 +7.9, etc.

TAP 16:22:12:32.0, 25.12N, 122.67E, h183km, 1km, ML3.6, D JMA 16:22:12:33.4, 0.2, 25.07N, 122.66E, h167km, 3km, M3.0, ISC 16:22:12:33.2, 1.9, 25.05N, 122.68E, 0.03, h172km, 10km, n66, 0966/121, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, TWBI Santiao Chiao, 0.62 262 eP, Op, ISC, h 5 m s, ISC, 21 42 57.5 -0.1, etc.

Table with columns: IRIF, Iriomote-Funau, 1.20 127 P, Pn, 22 13 01.7 -0.0, etc.

17d 0h

2015 AUG

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NCUH Zhongli, LDUT Ludao, SBCB Hsinchu, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MASBT Mashibuluo, CHN8 Yiju, SLIU Shizi, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LVC Limon Verde, PB15 IPOC Station P, PB06 IPOC Station P, etc.

TAP 17 00:13:36.6, 23:99N, 122:71E, h27km, ML3.0, D JMA 17 00:13:37.0, 0.1, 24:06N, 122:62E, h37km, M2.1

ISC 17 00:13:36.6, 1.1, 23:95N, 122:03E, h26km, 13km, r175, 0.9F1/42, Taiwan region

GUC 17 00:07:21.1, 0.6, 23:88S, 67:31W, h243km, 8km, ML3.0, 7C-1D, Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	Res
MNLI	Mount Malkishu	3.84	184	P	Pn	00	18	50.3	+1.0
MNLI				S	Sn	00	19	35.2	+1.0
<p>IDC 17:00:36:32.5:1.3, 16:34N:98:64W, h0km, mb3.9/6, mb1 4.2/7, mb1mx3.8/37, mbtmp3.9/7, ML3.6/1, MS3.3/6, MS1 3.3/6, ms1mx3.1/28, Error ellipse: s-maj=51.5km s-min=21.4km az=61.0</p> <p>NEIC 17:00:36:34.3:2.4, 16:47N:01:07:98:55W, 0.06 h1km, 5km, Error ellipse: s-maj=11.8km s-min=6.3km az=220.0</p> <p>MEX 17:00:36:35.7:1.4, 16:34N:98:61W, h16km, 15km, MD4.2</p> <p>ISC 17:00:36:33.5:1.3, 16:44N:01:03:98:58W, 0.03 h1km, 9km, n229, 1952/244, mb4.3/71, MS3.3/3, Near coast of Guerrero</p>									
PNIG	Pinotepa	0.44	96	eP	IS	00	36	41.8	+0.2
PNIG				S	Sn	00	36	47.9	+0.2
PNIG	Pinotepa	0.44	96	eP	IS	00	36	41.8	+0.2
PNIG				S	Sn	00	36	47.9	+0.2
CRIG	Cruz Grande	0.60	300	eP	IS	00	36	44.0	-1.1
CRIG				S	Sn	00	36	52.2	+3.4
CRIG	Cruz Grande	0.60	300	eP	IS	00	36	44.0	-1.1
CRIG				S	Sn	00	36	52.2	+3.4
MGIG	Malinaltepec	0.80	357	eP	IS	00	36	47.5	-1.2
MGIG				S	Sn	00	36	58.7	-0.4
YOIG	Yosondua	1.08	67	eP	IS	00	36	53.3	-0.9
YOIG				S	Sn	00	37	06.2	-2.0
DAIG	Los Arroyos	1.18	300	eS	IS	00	37	05.9	-3.1
DAIG				S	Sn	00	37	08.6	-3.3
DAIG	Los Arroyos	1.18	300	eS	IS	00	36	53.6	-3.1
DAIG				S	Sn	00	37	08.6	-3.3
AC2P	Acapulco	1.32	289	eP	IS	00	36	56.4	-2.2
AC2P				S	Sn	00	37	11.8	-4.9
AC2P	Acapulco	1.32	289	eP	IS	00	36	56.4	-2.2
AC2P				S	Sn	00	37	11.8	-4.9
HMTT	Tlapaneco	1.36	1	iP	IS	00	36	57.5	-1.7
HMTT				S	Sn	00	37	17.0	-0.7
HMTT	Tlapaneco	1.36	1	iP	IS	00	36	57.5	-1.7
HMTT				S	Sn	00	37	17.0	-0.7
PEIG	Puerto Escondi	1.45	107	iP	IS	00	36	57.8	-2.6
PEIG				S	Sn	00	37	16.0	-3.7
FTIG	Fresnillo de T	1.53	16	eP	IS	00	37	00.5	-1.1
FTIG				S	Sn	00	37	19.9	-2.0
FLIG	Huajuapán de L	1.57	28	eP	IS	00	37	01.4	-0.9
FLIG				S	Sn	00	37	12.9	+0.7
CAIG	El Cayaco	1.73	291	eP	IS	00	37	01.5	-2.7
CAIG				S	Sn	00	37	25.0	-1.6
CAIG	El Cayaco	1.73	291	eP	IS	00	37	01.5	-2.7
CAIG				S	Sn	00	37	25.0	-1.6
MEIG	Mezcala	1.78	326	eP	IS	00	37	03.6	-1.4
MEIG				S	Sn	00	37	26.1	-2.1
MEIG	Mezcala	1.78	326	eP	IS	00	37	03.6	-1.4
MEIG				S	Sn	00	37	26.1	-2.1
VHIG	Vista Hermosa	1.88	70	eP	IS	00	37	05.8	-0.8
VHIG				S	Sn	00	37	30.1	-2.3
PLIG	Platanillo	2.13	336	eP	IS	00	37	09.4	-0.5
PLIG				S	Sn	00	37	32.0	+0.3
PLIG	Platanillo	2.13	336	eP	IS	00	37	09.4	-0.5
PLIG				S	Sn	00	37	32.0	+0.3
TOIG	Toxpalán	2.20	41	eP	IS	00	37	10.7	-0.1
TOIG				S	Sn	00	37	40.2	-1.3
TPIG	Tehuacfan	2.29	30	eP	IS	00	37	12.8	+0.7
TPIG				S	Sn	00	37	42.5	-1.7
TPIG	Tehuacfan	2.29	30	eP	IS	00	37	12.8	+0.7
TPIG				S	Sn	00	37	42.5	-1.7
HUIG	Huatulco	2.47	105	eP	IS	00	37	16.2	+1.7
HUIG				S	Sn	00	37	49.3	+0.1
HUIG	Huatulco	2.47	105	eP	IS	00	37	16.2	+1.7
HUIG				S	Sn	00	37	49.3	+0.1
MAVM	Malinalco, Edo	2.65	341	eP	IS	00	37	18.1	+0.9
MAVM				S	Sn	00	37	53.8	-0.9
MAVM	Malinalco, Edo	2.65	341	eP	IS	00	37	18.1	+0.9
MAVM				S	Sn	00	37	53.8	-0.9
MAVM	AMECAMECA	2.69	356	iP	IS	00	37	19.4	+1.7
MAVM				S	Sn	00	37	49.7	-1.2
MAVM	AMECAMECA	2.69	356	iP	IS	00	37	19.4	+1.7
MAVM				S	Sn	00	37	49.7	-1.2
UNM	Universidad Na	2.93	349	eP	IS	00	37	23.1	+2.0
UNM				S	Sn	00	37	49.7	-1.2
UNM	Universidad Na	2.93	349	eP	IS	00	37	23.1	+2.0
UNM				S	Sn	00	37	49.7	-1.2
ZIIG	Zihuatanejo	2.99	293	eS	IS	00	37	20.4	-1.2
ZIIG				S	Sn	00	37	54.8	-3.2
ZIIG	Zihuatanejo	2.99	293	eS	IS	00	37	20.4	-1.2
ZIIG				S	Sn	00	37	54.8	-3.2
PVIM	Pinon	3.03	351	eP	IS	00	37	17.9	-1.5
PVIM				S	Sn	00	37	57.3	-1.5
PVIM	Pinon	3.03	351	eP	IS	00	37	17.9	-1.5
PVIM				S	Sn	00	37	57.3	-1.5
PTVM	Pico Tres Padr	3.18	351	eP	IS	00	37	23.9	-0.6
PTVM				S	Sn	00	38	01.4	-1.6
PTVM	Pico Tres Padr	3.18	351	eP	IS	00	37	23.9	-0.6
PTVM				S	Sn	00	38	01.4	-1.6
ACIG	Acambay	3.73	341	eP	IS	00	38	15.3	-1.2
ACIG				S	Sn	00	38	20.9	+1.0
ACIG	Acambay	3.73	341	eP	IS	00	38	15.3	-1.2
ACIG				S	Sn	00	38	20.9	+1.0
DEIG	Demascu	3.87	354	eP	IS	00	37	35.8	-0.8
DEIG				S	Sn	00	38	29.9	+1.0
DEIG	Demascu	3.87	354	eP	IS	00	37	35.8	-0.8
DEIG				S	Sn	00	38	29.9	+1.0
MOIG	Morelia	4.07	323	eP	IS	00	37	45.4	-2.6
MOIG				S	Sn	00	38	42.9	-2.3
MOIG	Morelia	4.07	323	eP	IS	00	37	45.4	-2.6
MOIG				S	Sn	00	38	42.9	-2.3
MMIG	Aquila	4.91	293	eP	IS	00	37	45.4	-2.6
MMIG				S	Sn	00	38	42.9	-2.3
MMIG	Aquila	4.91	293	eP	IS	00	37	45.4	-2.6
MMIG				S	Sn	00	38	42.9	-2.3
COIG	Colima	5.58	300	eP	IS	00	39	00.5	-1.4
COIG				S	Sn	00	39	00.5	-1.4
COIG	Colima	5.58	300	eP	IS	00	39	00.5	-1.4
COIG				S	Sn	00	39	00.5	-1.4
EZSV		5.66	303	eP	IS	00	38	00.7	+2.2
EZSV				S	Sn	00	39	02.4	-1.7
EZSV				S	Sn	00	38	00.7	+2.2
EZSV				S	Sn	00	39	02.4	-1.7
ESVJ	Comitan	6.19	91	Pn		00	38	16.3	+0.8
ESVJ				Pn		00	38	25.2	+3.6
ESVJ	Comitan	6.19	91	Pn		00	38	16.3	+0.8
ESVJ				Pn		00	38	25.2	+3.6
RTAL	Retalhuleu	8.37	85	Pn		00	38	35.3	-0.3
RTAL				Pn		00	38	47.4	+0.4
RTAL	Retalhuleu	8.37	85	Pn		00	38	35.3	-0.3
RTAL				Pn		00	38	47.4	+0.4
ZAIG	Zacatecas	7.33	330	Pn		00	38	16.3	+0.8
ZAIG				Pn		00	38	47.4	+0.4
ZAIG	Zacatecas	7.33	330	Pn		00	38	16.3	+0.8
ZAIG				Pn		00	38	47.4	+0.4
PETP	Flora	8.37	85	Pn		00	38	16.3	+0.8
PETP				Pn		00	38	47.4	+0.4
PETP	Flora	8.37	85	Pn		00	38	16.3	+0.8
PETP				Pn		00	38	47.4	+0.4
ESQI	Esquipulas	9.10	101	Pn		00	38	47.4	+0.4
ESQI				Pn		00	39	01.9	+1.0
ESQI	Esquipulas	9.10	101	Pn		00	38	47.4	+0.4
ESQI				Pn		00	39	01.9	+1.0
INTOS	Montecristo	9.12	102	Pn		00	38	47.4	+0.4
INTOS				Pn		00	39	01.9	+1.0
INTOS	Montecristo	9.12	102	Pn		00	38	47.4	+0.4
INTOS				Pn		00	39	01.9	+1.0
SNET	Serv Nac Est T	15.02	4	Pn		00	40	15.1	+1.8
SNET				Pn		00	40	18.3	
SNET	Serv Nac Est T	15.02	4	Pn		00	40	15.1	+1.8
SNET				Pn		00	40	18.3	
LPIG	La Paz	13.38	307	LR		00	43	48.9	
LPIG				LR		00	45	29.1	
LPIG	La Paz	13.38	307	LR		00	43	48.9	
LPIG				LR		00	45	29.1	
JTAX	Lajas Array	13.66	341	LR		00	45	29.1	
JTAX				LR		00	45	29.1	
JTAX	Lajas Array	13.66	341	LR		00	45	29.1	
JTAX				LR	</				

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like PLAI Plampang, TWSI Taliwang, MTN Manton Dam, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like KSNAH Namhae, KSNAH Namhae, KSADO Andong, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like KOJ2 Gongju-si, KOJ2 Gongju-si, KS19 Wonju Array Si, etc.

IDC 17 00:45:39.4.0.4.26:92N:143:76E, h0km, mb4.8/32, mb1 5.0/38, mb1mx4.9/44, mbtmp4.9/38, ML4.4/6, MS4.1/35, MS1 4.2/35, MS2 3.9/41, Error ellipse: s-maj=13.9km s-min=10.4km az=102.0

HAMB Hamyang SNR=29 16.00 305 P P 00 49 31.2 +0.6
KSCGH Chuncheon SNR=5.8 17.10 312 P P 00 49 46.0 +3.2
KSCHC Chuncheon SNR=62 17.10 312 P P 00 49 44.0 +1.2

SAJ Ashikawa comp=Z,1.2nm,0.3s,baz=207,slow=17,SNR=12 17.02 313 P Sn 00 49 40.7 +1.1
KSIA INJE SNR=35 17.02 313 P P 00 49 43.6 +1.7
KSIA INJE SNR=35 17.02 313 P P 00 49 43.6 +1.7

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like CBJ Chichi jima, JCU Chichijima, JH2 Haha-jima-NKT2, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like KSSCH SUNCHEON, KSSCH SUNCHEON, NAWB Namwon, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like HAWB Hwaseong-si, HAWB Hwaseong-si, HAWB Hwaseong-si, etc.

YOJ	Yonaguni jima	18.84 267	P	P	00 50 02.4 +0.4
YOJ	comp=Z,192nm,0.9s				
YOJ	Yonaguni jima	18.84 267	I Amb	I Amb	00 50 02.4 +0.4
YOJ	comp=Z,192nm,0.9s				00 50 05.8
USA0B	Ussuriysk Arra	19.49 334	I Amb	I Amb	00 50 15.8
USRK	Ussuriysk Ar	19.49 334	P	Pn	00 50 11.2 +1.0
USRK	baz=143,slow=9,2,SNR=61				
USRK	comp=Z,466nm,18.8s,baz=136,slow=38				00 58 13.4
YSS	Yuzh-Sakhalins	19.81 358	P	S	00 50 13.0 +0.5
YSS	eP				00 53 47.7 -7.5
YSS	comp=Z,300nm,6.2s				
YSS	comp=Z,50nm,0.8s				
YSS	comp=N,600nm,9.6s				
YSS	comp=E,1µm,9.6s				
YSS	comp=Z,700nm,17.0s				
YSS	comp=N,700nm,18.0s				
YSS	Yuzh-Sakhalins	19.81 358	P	I Amb	00 50 11.6 -0.9
YSS	I Amb				00 50 30.3
SSE	Sheshan	20.08 287	P	S	00 50 15.6 +0.1
SSE	S				00 53 56.8 -4.0
SSE	comp=Z,61nm,0.7s				
SSE	comp=Z,170nm,4.6s				
SSE	comp=Z,180nm,16.3s				
SSE	comp=Z,210nm,16.8s				
TATO	Taipei	20.09 269	P	P	00 50 15.8 +0.1
TATO	20.09 269				00 50 16.0 +0.3
TATO	comp=Z,104nm,1.1s				00 50 16.0 +0.3
NACB	Ninganchiao	20.16 267	I Amb	I Amb	00 50 17.7
NACB	comp=Z,101nm,0.9s				
YHNB	Yeheng	20.25 268	P	P	00 50 17.2 -0.4
YULB	Yu-ii	20.61 265	I Amb	I Amb	00 50 21.5 0.0
YULB	comp=Z,120nm,0.7s				00 50 26.1
SSLB	Suandjiang	20.82 266	P	P	00 50 23.5 -0.2
MDJ	MDJ	20.82 331	P	P	00 50 25.5 +2.0
MDJ	MDJ	20.82 331	P	P	00 50 27.8 +1.8
MDJ	MDJ	21.23 265	P	P	00 50 28.9 +1.8
MDJ	MDJ	21.89 308	P	P	00 54 18.6 +3.2
MDJ	comp=Z,76nm,0.9s				
MDJ	comp=Z,1µm,3.5s				
MDJ	comp=Z,740nm,21.1s				
MDJ	comp=Z,1µm,19.6s				
MDJ	comp=Z,1µm,17.5s				
MDJ	Mudanjiang	20.82 331	P	Pn	00 50 26.5 +0.5
TWG	Pinlang	20.97 263	P	P	00 50 24.8 -0.5
TPUB	Ta-pu	21.23 265	P	P	00 50 28.1 0.0
DL2	Dalian	21.89 308	P	S	00 50 33.8 -1.1
DL2	S				00 54 31.8 -4.5
DL2	comp=Z,88nm,0.6s				
DL2	comp=Z,150nm,5.7s				
DL2	comp=Z,990nm,16.1s				
DL2	comp=Z,680nm,18.6s				
DL2	comp=Z,950nm,18.5s				
UGL	Uglegorsk	21.96 357	eP	S	00 50 39.6 +3.9
UGL	eS				00 54 30.2 -7.4
UGL	comp=Z,150nm,2.9s				
UGL	comp=Z,170nm,1.1s				
UGL	comp=E,2µm,8.5s				
SNY	Shenyang	22.08 317	P	S	00 50 37.6 +0.5
SNY	S				00 54 41.8 +1.7
SNY	comp=E,88nm,1.1s				
SNY	comp=E,300nm,3.4s				
SNY	comp=E,530nm,16.7s				
SNY	comp=E,420nm,16.2s				
SNY	comp=E,490nm,17.2s				
NJ2	Nanjing	22.16 289	eP	S	00 50 36.8 -1.2
NJ2	S				00 50 42.8 +1.6
NJ2	S				00 54 40.3 -1.4
NJ2	comp=E,74nm,1.0s				
NJ2	comp=E,310nm,3.5s				
NJ2	comp=E,520nm,14.2s				
NJ2	comp=E,330nm,19.0s				
NJ2	comp=E,1µm,21.8s				
CN2	Changchun	22.25 323	eP	S	00 50 40.6 +1.8
CN2	eS				00 54 46.8 +3.5
CN2	comp=E,80nm,0.7s				
CN2	comp=E,1µm,16.0s				
CN2	comp=E,1µm,16.0s				
CN2	comp=E,800nm,16.0s				
H1N2	WAKE ISLAND Hy	22.28 104	T	T	01 12 56.0
H1N2	baz=295,slow=75,SNR=15				
H1N1	WAKE ISLAND Hy	22.28 104	T	T	01 12 54.5
H1N1	baz=295,slow=75,SNR=10				
H1N3	WAKE ISLAND Hy	22.50 104	T	T	01 12 55.5
H1N3	baz=295,slow=75,SNR=14				
QZH	Quanzhou	22.68 270	I P	S	00 50 42.1 -1.5
QZH	S				00 54 45.9 -5.5
QZH	comp=E,270nm,0.6s				
QZH	comp=E,230nm,3.4s				
QZH	comp=E,670nm,18.1s				
QZH	comp=E,260nm,20.1s				
QZH	comp=E,370nm,17.1s				
H1S3	WAKE ISLAND Hy	22.82 107	T	T	01 13 47.3
H1S3	baz=294,slow=74				
H1S1	WAKE ISLAND Hy	22.82 107	T	T	01 13 43.3
H1S1	baz=294				
H1S2	WAKE ISLAND Hy	22.83 107	T	T	01 13 58.6
H1S2	baz=294,slow=74				
KNRB	Chin-men Tao	22.95 269	P	P	00 50 46.5 0.0
KLMB	Kul'dur	23.29 340	P	P	00 50 57.9 +1.8
KLMB	comp=E,22nm,0.6s,baz=151,slow=7.7,SNR=88				
TIA	Tai'an	24.32 298	P	S	00 50 58.5 -1.3
TIA	S				00 55 20.6 +2.1
TIA	comp=E,15nm,0.5s				
TIA	comp=E,390nm,3.5s				
TIA	comp=E,590nm,12.1s				
TIA	comp=E,600nm,17.8s				
TIA	comp=E,820nm,15.7s				
WHN	Wuhan	25.92 285	I P	S	00 51 14.4 +0.1
WHN	P				00 51 17.8 +0.3
WHN	S				00 55 48.5 +4.4
WHN	comp=E,750nm,10.7s				

WHN	comp=E,590nm,13.9s				
WHN	comp=E,2µm,20.4s				
BJT	Baijiutau	26.20 306	I Amb	I Amb	00 51 25.8
BJT	comp=Z,46nm,1.1s				
BJI	Beijing	26.20 306	P	S	00 51 16.3 -0.4
BJI	S				00 55 44.6 -3.7
BJI	comp=Z,51nm,1.2s				
BJI	comp=Z,270nm,5.7s				
BJI	comp=Z,290nm,13.1s				
BJI	comp=Z,690nm,14.1s				
BJI	comp=Z,1µm,15.2s				
PEA0B	Petropavlovsk-	27.97 18	P	P	00 51 33.5 +1.0
PEA0B	comp=Z,29nm,1.3s				
PEA0B	Petropavlovsk-	27.97 18	P	P	00 51 33.5 +1.0
PETK	Petropavlovsk-	27.97 18	P	P	00 51 33.7 +1.2
PETK	comp=Z,3.2nm,0.6s,baz=205,slow=9.4,SNR=8.4				
PETK	comp=Z,339nm,19.4s,baz=195,slow=40				01 04 26.5
PETK	Petropavlovsk-	27.97 18	P	P	00 51 32.4 -0.1
PETK	Petropavlovsk-	26.17 19	P	P	00 51 34.9 +0.7
PETK	comp=Z,13nm,0.9s				
TIY	Taiyuan	28.33 300	eP	S	00 51 36.1 +0.2
TIY	S				00 56 16.8 -5.3
TIY	comp=Z,29nm,0.6s				
TIY	comp=Z,620nm,24.9s				
HIA	Hailar	28.83 326	I Amb	I Amb	00 51 49.6
GAMI	Galeta, Maluku	29.42 214	P	P	00 51 43.7 -2.0
HHC	Hu-ho-hao-te	29.79 306	eP	S	00 51 48.8 -0.2
HHC	S				00 56 44.9 -0.2
HHC	comp=Z,36nm,0.9s				
HHC	comp=Z,220nm,4.4s				
HHC	comp=Z,430nm,12.2s				
HHC	comp=Z,610nm,13.5s				
HHC	comp=Z,680nm,14.9s				
SIJI	Sorong	30.30 205	LR	LR	01 01 22.8
XAN	Xi'an	30.64 292	P	S	00 51 55.3 -1.2
XAN	S				00 52 02.0 +2.3
XAN	comp=Z,73nm,0.8s				00 56 57.4 -1.0
XAN	comp=Z,440nm,3.7s				
XAN	comp=Z,450nm,19.2s				
XAN	comp=Z,230nm,22.6s				
XAN	comp=Z,320nm,21.6s				
FAKI	Fak Fak	31.85 202	P	I Amb	00 52 04.7 -2.5
FAKI	I Amb				00 52 33.6
QIZ	Qiongzong	32.12 263	P	S	00 52 09.0 -0.5
QIZ	S				00 57 21.5 -0.2
QIZ	comp=Z,290nm,14.6s				
QIZ	comp=Z,470nm,19.2s				
QIZ	comp=Z,440nm,19.5s				
MA2	Magadan	32.81 7	P	P	00 52 16.6 +1.5
MA2	comp=Z,24nm,0.9s,baz=179,slow=10.0,SNR=10				
MA2	comp=Z,264nm,21.9s,baz=184,slow=33				01 03 43.5
MA2	Magadan	32.81 7	P	P	00 52 16.6 +1.5
MA2	comp=Z,31nm,1.0s				
MA2	Magadan	32.81 7	P	I Amb	00 52 16.6 +1.5
MA2	comp=Z,31nm,1.0s				00 52 17.9
GYA	Guiyang	33.01 277	I P	P	00 52 16.9 -0.6
GYA	S				00 52 24.3 -4.5
GYA	comp=Z,82nm,1.3s				00 55 03.4 +2.1
GYA	comp=Z,200nm,3.5s				00 57 30.8 -5.0
GYA	comp=Z,82nm,1.3s				00 58 44.6 -0.5
GYA	comp=Z,290nm,14.9s				
GYA	comp=Z,330nm,22.2s				
GYA	comp=Z,430nm,19.3s				
SANI	Sanan	33.66 213	P	P	00 52 18.7 -4.4
SANI	comp=Z,855nm,comp=Z,70nm,1.0s				
KRAI	Karang Ratu	33.69 208	P	P	00 52 23.1 -0.1
KRAI	comp=Z,132nm,1.1s				
MRSI	Marisi	33.76 222	P	P	00 52 23.3 -0.6
MRSI	comp=Z,82nm,1.1s				
TOL2	Tolitoli	33.96 224	P	P	00 52 24.6 -1.1
SMY	Shemya	34.15 33	P	P	00 52 28.2 +1.3
SMY	comp=Z,84nm,1.2s				
SMY	Shemya	34.15 33	P	P	00 52 28.2 +1.3
NLAI	Namlea	34.18 211	P	P	00 52 27.5 0.0
NLAI	comp=Z,61nm,0.8s				
SPMM	Sapulut	34.24 234	P	P	00 52 27.0 -1.2
LUIW	Luwuk	34.51 219	P	P	00 52 30.6 +0.3
CD2	Chendgu	35.02 286	S	S	00 52 33.1 -1.7
CD2	S				00 58 05.8 -0.9
CD2	comp=Z,210nm,4.3s				
CD2	comp=Z,530nm,17.6s				
CD2	comp=Z,630nm,15.7s				
CD2	comp=Z,460nm,14.4s				
MPSI	Mapaga	35.12 225	P	P	00 52 34.1 -1.6
MPSI	comp=Z,530nm,comp=Z,14nm,0.7s				
ULN	Ulaanbaatar	35.25 316	eP	P	00 52 37.9 +1.2
ULN	comp=Z,124nm,1.3s				
ULN	Ulaanbaatar	35.25 316	P	P	00 52 37.7 +0.9
ULN	Ulaanbaatar	35.25 316	P	P	00 52 38.7 +2.0
ULN	Ulaanbaatar	35.25 316	P	P	00 52 38.1 +1.4
ULN	comp=Z,6µm,comp=Z,437nm,1.5s				
SONM	Songino Array	35.65 315	P	P	00 52 41.6 +1.5
SONM	comp=Z,38nm,0.7s,baz=124,slow=7.0,SNR=152				
SONM	comp=Z,178nm,21.5s,baz=112,slow=36				01 07 21.3
SONM	Songino Array	35.65 315	P	I Amb	00 52 41.2 +1.1
SONM	comp=Z,50nm,0.8s				00 52 43.9
AMKA	Amchitka	36.13 38	P	P	00 52 44.7 +0.7
YAK	Yakutsk	36.15 349	LR	LR	01 08 08.9
YAK	comp=Z,233nm,21.2s,baz=100,slow=37				
YAK	Yakutsk	36.15 349	eP	P	00 52 46.7 +2.7
YAK	comp=Z,19nm,1.0s				
YAK	comp=N,6.0nm,1.0s				
SEY	Seymchan	36.27 7	P	P	00 52 46.5 +1.5
SEY	comp=N,28nm,0.9s,baz=183,slow=6.7,SNR=60				
SEY	comp=N,277nm,21.5s,baz=189,slow=34				01 06 35.4
SLVN	Son La	36.65 270	I Amb	I Amb	00 52 50.8
SLVN	comp=Z,25nm,0.8s				
KMI	Kunming	36.74 276	I P	P	00 52 49.5 -0.3
KMI	P				00 52 52.8 -0.3
KMI	S				00 52 54.0 +1.9
KMI	S				00 54 16.0 +2.6
KMI	S				00 58 38.5 +5.1
KMI	comp=Z,60nm,1.0s				
KMI	comp=Z,190nm,3.5s				
KMI	comp=Z,330nm,25.0s				
KMI	comp=Z,500nm,23.4s				
BOD	Bodaibo	37.13 334	eP	P	00 52 58.2 +5.8
BOD	comp=Z,35nm,				

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like CM05 Chiang Mai Arr, CM15 Chiang Mai Arr, CM32 Chiang Mai Arr, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like MDSI Maura Dua, LH51 Lahat, ZSN Zaisan, ZSN Zaisan, ZALV Zalesovo Beam, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like CHUM Lake Minchumin, KHLH Kahului Airport, SKT Skwentna, SKT Skwentna, BRLK Bradley Lake, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like HDA Harding Lake, KBK Karagaybulak, IL31 comp-Z,32nm,1.0s, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like TABL comp-Z,24nm,0.7s, LOGN Logan Glacier, NIL Niore, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like ARCES comp-Z,18nm,0.7s, H04A Detroit Lake, L02E Cave Junction, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BEKR Beckworth, NAZ Nazwa, WALA Waterton Lakes, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SOC Sochi, LRMC Laurel Mtn Rad, TRNA Turyna, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BELC Belle Mtn. Jos, LAA LASA Array, BW06 Boulder Array, etc.

BR131	SNR=8.2	P	P	00 58 27.1	-0.5
BRTR	SNR=8.2	P	P	00 58 26.7	-1.0
BRTR	comp=Z,4.8nm,0.8s,baz=99,slo=3.6,SNR=38	LR	LR	01 41 26.8	
W18A	comp=Z,151nm,19.7s,baz=73,slo=38	P	P	00 58 28.0	-0.1
HOMB	Petrified Fore	77.04 52	P	00 58 28.0	-0.1
HOMB	Homborsund	87.10 338	iP	00 58 37.2	+1.0
HOMB	Bornholm Skovb	87.12 333	eP	00 58 37.0	+9.2
BSD	Bornholm Skovb	87.12 333	eP	00 58 38.0	
BSD	Bornholm Skovb	87.12 333	eP	00 58 37.0	+9.2
BSD	Bornholm Skovb	87.12 333	eP	00 58 37.0	+9.2
BJUU	comp=Z,2.0nm,0.4s	iP	pmx	00 58 37.4	+9.4
CFR	Carcaliu	87.23 320	iP	00 58 28.2	-0.3
CFR	Carcaliu	87.23 320	iP	00 58 28.2	-0.3
TPGR	Topolog	87.26 320	iP	00 58 27.0	-1.7
TESR	Tescani	87.26 322	iP	00 58 28.2	-0.5
BIZ	Bicaz	87.30 322	iP	00 58 22.6	-6.3
ISCO	Idaho Springs	87.32 46	P	00 58 29.5	0.0
ISCO	Idaho Springs	87.32 46	P	00 58 29.4	0.0
ISCO	Idaho Springs	87.32 46	P	00 58 29.1	-0.4
LUNU	Lund	87.32 334	iP	00 58 38.4	+1.0
BURAR	Bucovina Array	87.36 323	iP	00 58 29.4	+0.2
BURAR	Bucovina Array	87.36 323	iP	00 58 29.4	+0.2
VRI	Vrincioiaia	87.61 321	iP	00 58 30.0	-0.4
VRI	Vrincioiaia	87.61 321	iP	00 58 30.0	-0.4
HARR	Harsova	87.64 320	iP	00 58 39.1	+8.6
HARR	Harsova	87.64 320	iP	00 58 39.1	+8.6
S22A	4UR Ranch, Cre	87.64 48	P	00 58 30.7	-0.4
PLOR	Plostina	87.66 321	iP	00 58 31.6	+0.9
PLOR	Plostina	87.66 321	iP	00 58 31.6	+0.9
TUC	Tucson	87.73 55	P	00 58 31.8	+0.5
TUC	Tucson	87.73 55	P	00 58 31.8	+0.5
TUC	Tucson	87.73 55	P	00 58 31.8	+0.5
AGMN	Agassiz Nation	87.92 35	P	00 58 31.4	-0.5
SHAB	Shabla	87.93 319	iP	00 58 30.7	-1.2
Q24A	Divide	88.08 47	P	00 58 32.5	-0.6
MLR	Muntele Rosu	88.27 321	iP	00 58 40.5	+6.8
MLR	Muntele Rosu	88.27 321	iP	00 58 40.5	+6.8
DOPR	Dopca	88.29 321	iP	00 58 41.9	+1.4
LRW	Lerwick	88.42 343	eP	00 58 44.4	+1.1
CRVS	Cervenica-Dubn	88.47 326	eP	00 58 34.8	+0.4
CRVS	Cervenica-Dubn	88.47 326	eP	00 58 34.8	+0.4
SDCO	Great Sand Dun	88.52 48	P	00 58 34.9	-0.4
OGNE	Ogallala	88.92 44	P	00 58 36.1	-0.7
F33A	5 Mile Ranch,	89.27 37	iAmb	00 58 39.8	
ANMO	Albuquerque	89.41 51	P	00 58 39.8	+0.4
ANMO	Albuquerque	89.41 51	P	00 58 39.8	+0.4
ANMO	Albuquerque	89.41 51	P	00 58 39.2	-0.1
ANMO	Albuquerque	89.41 51	P	00 58 39.0	-0.2
MORC	Moravsky Berou	89.76 328	iP	00 58 48.4	+7.9
MORC	Moravsky Berou	89.76 328	iP	00 58 48.4	+7.9
MORC	Moravsky Berou	89.76 328	iP	00 58 41.9	+1.4
MORC	Moravsky Berou	89.76 328	iP	00 58 49.0	+8.5
OSTC	Ostas	89.82 330	AMS	01 41 40.0	
KRLC	Kraliky	89.91 329	eP	00 58 46.8	+5.6
KRLC	Kraliky	89.91 329	eP	00 58 46.8	+5.6
KRLC	Kraliky	89.91 329	eP	00 59 00.6	
KRLC	Kraliky	89.91 329	eP	00 59 00.6	
DPC	Dobruska-Polom	89.92 329	eP	00 58 40.3	-0.9
DPC	Dobruska-Polom	89.92 329	eP	00 58 48.1	
DPC	Dobruska-Polom	89.92 329	eP	00 58 40.3	-0.9
DPC	Dobruska-Polom	89.92 329	eP	00 58 48.1	
UPC	Udice	89.95 330	eP	00 58 47.7	+6.4
UPC	Udice	89.95 330	eP	00 58 47.7	+6.4
UPC	Udice	89.95 330	eP	00 58 47.7	+6.4
UPC	Udice	89.95 330	eP	00 58 47.7	+6.4
JAVC	Velka Javorina	90.34 328	e	00 58 53.0	+1.0
EYMN	Ely	90.35 34	iAmb	00 58 44.2	-0.9
EYMN	Ely	90.35 34	iAmb	00 58 44.2	-0.9
ECSD	EROS Data Cent	90.42 39	P	00 58 42.8	-0.9
ECSD	EROS Data Cent	90.42 39	P	00 58 42.8	-0.9
VRAC	Vranov	90.53 329	eP	00 58 52.7	+8.6
BZS	Buzias	90.54 324	iP	00 58 43.1	-1.0
BZS	Buzias	90.54 324	iP	00 58 43.1	-1.0
PVCC	Panska Ves	90.58 330	AMS	01 43 20.0	
HERR	Herculane	90.59 323	iP	00 58 43.0	-1.5
BALB	Balikesir	90.68 316	P	00 58 44.4	-0.5
BALB	Balikesir	90.68 316	P	00 58 44.4	-0.5
CLL	Collim	90.69 332	eP	00 58 49.0	+4.3
CLL	Collim	90.69 332	eP	00 59 06.0	
CLL	Collim	90.69 332	eP	01 09 18.0	+2.1
CLL	Collim	90.69 332	eP	01 09 38.0	+2.2
CLL	Collim	90.69 332	eP	01 10 54.0	+5.3
CLL	Collim	90.69 332	eP	01 11 10.0	+5.3
CLL	Collim	90.69 332	eP	01 15 39.0	+1.6
CLL	Collim	90.69 332	eP	01 19 18.0	
CLL	Collim	90.69 332	eP	01 20 36.0	
CLL	Collim	90.69 332	eP	01 20 54.0	
CLL	Collim	90.69 332	eP	01 22 30.0	
CLL	Collim	90.69 332	eP	01 45 00.0	
CLL	Collim	90.69 332	eP	00 58 49.0	+4.3
CLL	Collim	90.69 332	eP	01 09 38.0	+2.2
F36A	Milaca	90.72 36	iAmb	00 58 45.7	
KRUC	Krakovsky	90.80 328	eP	00 58 53.5	+8.2
PRA	Prague	90.97 330	AMS	01 46 00.0	
PRU	Pruhonice	90.98 330	AMS	01 43 10.0	
MDVR	Moldovica	91.04 323	iP	00 58 45.5	-1.1
TREC	Trest	91.05 329	AMS	01 42 00.0	
SPMN	Marine on St.	91.53 36	P	00 58 48.8	0.0
SPMN	Marine on St.	91.53 36	P	00 58 48.9	+0.1
VTS	Vitosha	91.60 320	iP	00 58 48.0	-1.4
VTS	Vitosha	91.60 320	iP	00 58 50.2	+0.9
VTS	Vitosha	91.60 320	iP	00 58 48.0	-1.4
VTS	Vitosha	91.60 320	iP	00 58 50.2	+0.9
VTS	Vitosha	91.60 320	iP	00 58 50.1	+0.9
NKC	Novy Kostel	91.72 331	AMS	01 45 10.0	
KAC	Achnasheliach	91.77 344	eP	00 59 00.6	+1.1
FRGS	Fruska Gora	91.80 324	iP	00 58 48.2	-1.9
CONA	Conrad Observa	91.85 328	eP	00 58 50.8	+0.5
CKRC	Cesky Krumlov	91.93 329	eP	00 58 49.5	-1.1
CKRC	Cesky Krumlov	91.93 329	eP	00 58 55.5	
MINX	Cornudas Mount	91.94 53	P	00 58 50.6	-0.4
MINX	Cornudas Mount	91.94 53	P	00 58 50.6	-0.4
KPL	Plockton	92.00 344	eP	00 59 01.9	+1.1

KHC	Kasperske Hory	92.04 330	eP	00 58 50.3	-0.8
KHC	Kasperske Hory	92.04 330	eP	00 58 59.3	
KHC	Kasperske Hory	92.04 330	eP	00 58 50.3	-0.8
KHC	Kasperske Hory	92.04 330	eP	00 58 59.3	
KHC	Kasperske Hory	92.04 330	eP	00 59 13.1	
KHC	Kasperske Hory	92.04 330	eP	01 44 40.0	
GERES	GERESS Array B	92.19 330	P	00 58 52.1	+0.2
GERES	GERESS Array B	92.19 330	P	00 58 50.7	-1.2
GERES	GERESS Array B	92.19 330	P	01 43 40.0	
INVG	Invergieidic, C	92.40 343	eP	00 59 03.1	+1.1
INVG	Invergieidic, C	92.40 343	eP	00 59 05.7	
ESY	Stoneypath	92.46 342	eP	00 59 03.4	+1.1
ARZ	Arzberg	92.50 328	eP	00 58 52.5	-0.7
GRFA	Grabenberg Arr	92.65 331	eP	00 59 02.9	+9.1
MOA	Molin	92.66 329	eP	00 58 57.4	+3.4
AMTX	Amarillo	92.69 48	iAmb	00 58 55.5	
AMTX	Amarillo	92.69 48	iAmb	00 58 53.6	-0.9
EAB	Aberfoyle	92.69 343	eP	00 59 04.9	+1.1
EAB	Aberfoyle	92.69 343	eP	00 59 05.6	+1.2
E40L	Rib Lake	92.74 35	iAmb	00 58 56.3	
KSU1	Kansas State U	93.35 43	P	00 58 56.3	-1.0
KSU1	Kansas State U	93.35 43	P	00 58 56.4	-1.0
OBKA	Obir	93.49 328	eP	00 58 57.4	+0.5
MYKA	Terra Mystica	93.84 328	eP	00 58 57.9	-1.5
SCHO	Schefferville	94.26 17	P	00 59 00.8	-0.3
SCHO	Schefferville	94.26 17	P	01 41 57.4	
WATA	Walderalm	94.27 330	eP	00 59 00.4	-1.1
ABTA	Abfaltersbach	94.28 329	eP	00 59 00.1	-1.5
WTTA	Watterberg	94.29 330	eP	00 59 02.3	+0.6
LBWR	Ladybowyer, Pea	94.38 340	eP	00 59 12.2	+1.1
LBWR	Ladybowyer, Pea	94.38 340	eP	00 59 12.9	
JFWS	Jewell Farm	94.45 37	P	00 59 01.5	-0.7
MOTA	Moosalm	94.47 330	eP	00 59 02.9	+0.4
TX31	Lajitas Ar. Si	94.49 54	P	00 59 02.6	-0.3
TX31	Lajitas Ar. Si	94.49 54	P	00 59 02.6	-0.3
TX32	Lajitas Array	94.49 54	P	00 59 02.6	-0.2
TX32	Lajitas Array	94.49 54	P	00 59 02.8	0.0
TXAR	comp=Z,1.8nm,21.9s,baz=356,slo=36	LR	LR	01 36 27.0	
L40A	Anamosa	94.51 38	P	00 59 01.9	-0.7
L40A	Anamosa	94.51 38	P	00 59 03.1	
RETA	Reutte	94.52 330	eP	00 58 59.1	-3.5
WQTA	Sanct Quirin	94.52 330	eP	00 59 03.6	+0.9
SOKA	Wichita Mounta	94.69 47	P	00 59 02.7	-0.8
BMRD	Maredsous	94.77 335	eP	00 59 02.9	-0.7
CWF	Charnwood Fore	94.82 340	eP	00 59 14.0	+1.0
CWF	Charnwood Fore	94.82 340	eP	00 59 14.0	+1.0
P38A	Dawn	94.84 41	iAmb	00 59 04.6	
FETA	Feichten	94.88 330	eP	00 59 03.0	-1.4
OK029	Liberty Lake	94.89 46	P	00 59 04.0	-0.4
OK029	Liberty Lake	94.89 46	P	00 59 05.2	
BFO	Black Forest	94.92 332	P	00 59 04.3	-0.1
BFO	Black Forest	94.92 332	P	00 59 04.3	-0.1
BFO	Black Forest	94.92 332	P	00 59 04.3	-0.1
BFO	Black Forest	94.92 332	P	00 59 14.4	
DAVA	Damuels	95.06 330	eP	00 59 04.2	-1.0
WLF1	Lynfaes	95.26 341	eP	00 59 17.1	+1.1
FOEL	Foel Wyfla	95.27 341	eP	00 59 16.6	+1.1
FOEL	Foel Wyfla	95.27 341	eP	00 59 17.2	
ABTX	Abilene, Hawle	95.39 49	P	00 59 06.0	-0.9
P40A	Gravette	95.76 40	P	00 59 07.8	-0.6
U38A	Junction City	96.41 44	iAmb	00 59 11.5	
JCT	Junction City	96.56 51	P	00 59 11.1	-1.1
HDIL	Hopedale	96.60 38	P	00 59 11.3	-0.8
CCM	Cathedral Cave	97.21 41	P	00 59 13.8	-1.2
WHTX	Lake Whitney,	97.24 49	P	00 59 14.3	-0.9
U40A	Yellville	97.39 43	iAmb	00 59 16.3	
U40A	Yellville	97.39 43	iAmb	00 59 15.1	-0.7
ERPA	Erie	100.16 31	P	00 59 27.7	-0.3
ESDC	Sonasec Array	107.04 334	PP	01 04 25.3	+1.2
MACA	Manacapani	146.64 49	eP	01 05 28.8	-0.2
LPB1	IPOC Station P	148.58 84	eP	01 05 29.3	-0.6
LAZ	La Paz	148.59 77	PKPbc	01 05 29.8	-0.8
LPZ	La Paz	148.59 77	PKPbc	01 05 29.6	-0.9
LPZ	La Paz	148.59 77	PKPbc	01 05 28.1	+1.2
PLCA	Paso Flores	148.70 125	PKPbc	01 05 28.8	-0.7
P30L	Samuel	148.80 60	eP	01 05 28.7	+2.2
PM8	IPOC Station P	149.15 84	eP	01 05 30.3	+2.9
MACB	Macapa, AP	149.38 32	eP	01 05 30.0	+2.5
MALB	Monte Alegre	149.57 43	eP	01 05 30.1	+2.4
ITTB	Itaituba	150.73 43	eP	01 05 29.9	+0.3
TMAB	Petro-Au, PA	152.91 27	eP	01 05 36.1	+3.2
NBPS	Pedro II - PI	156.87 13	eP	01 05 39.6	+1.2
CPUP	Villa Florida	161.18 92	PKPab	01 06 25.4	-1.1
CPUP	Villa Florida	161.18 92	PKPab	01 06 25.4	-1.1

CAME	Cameli-Denizli	3.73	18	PN	Pn	05 50 49.3 +1.8
ELL	Elmali	3.74	26	P	Pn	05 50 49.9 +2.3
ELL	Elmali	3.74	26	P	Pn	05 50 49.9 +2.3
YER	Yerkesik	3.75	5	PN	Pn	05 50 49.7 +2.0
MLSB	Milias	3.90	359	P	Pn	05 50 51.8 +2.1
AKMS	Akamass	4.03	65	P	Pn	05 50 52.4 +1.1
AKMS				S	Sn	05 51 36.8 -1.6
AKMS				AML	AML	05 51 40.8
AKMS	1.3nm,0.3s			AML	AML	05 51 40.8
AKMS	1.3nm,0.3s			AML	AML	05 51 41.3
AKMS	1.1nm,0.3s			AML	AML	05 51 41.3
NATA	Nata	4.13	69	P	Pn	05 50 55.0 +2.3
KORT	Korkueli	4.13	29	PN	Pn	05 50 54.9 +2.0
APE	Apeiranthos	4.15	333	S	Sn	05 51 38.8 -2.5
ALFC	Alefka	4.28	64	P	Pn	05 50 56.0 +1.1
ALFC				S	Sn	05 51 42.2 -2.4
ALFC				AML	AML	05 51 45.0
ALFC	0.7nm,0.2s			AML	AML	05 51 45.0
ALFC	0.7nm,0.2s			AML	AML	05 51 47.2
ALFC	1.3nm,0.4s			AML	AML	05 51 47.2
ALFC	1.3nm,0.4s			AML	AML	05 51 47.2
HMZY	Mayadein	4.36	144	P	Pn	05 50 57.4 +1.4
SZAC	Souni	4.37	70	P	Pn	05 50 58.3 +2.2
SZAC				S	Sn	05 51 45.9 -0.8
SZAC				AML	AML	05 51 48.2
SZAC	1.2nm,0.3s			AML	AML	05 51 48.2
SZAC	1.2nm,0.3s			AML	AML	05 51 48.2
SZAC	1.8nm,0.4s			AML	AML	05 51 49.4
SZAC	1.8nm,0.4s			AML	AML	05 51 49.4
HNAT	Natroun	4.41	147	P	Pn	05 50 58.0 +1.4
HNAT				S	Sn	05 51 44.6 -3.1
LEF	Lefka	4.49	66	PN	Pn	05 50 59.4 +1.7
GAZI	Gazipasa	4.62	51	PN	Pn	05 51 01.5 +1.9
SWA2		4.62	207	P	Pn	05 51 00.8 +1.2
SWA2				AMP	AMP	05 51 00.0
SWA2				S	Sn	05 51 49.3 -3.7
ASGA	Asgot	4.66	71	P	Pn	05 51 02.7 +2.5
ASGA				S	Sn	05 51 52.6 -1.4
ASGA				AML	AML	05 51 56.6
ASGA	2.7nm,0.4s			AML	AML	05 51 56.6
ASGA	2.7nm,0.4s			AML	AML	05 51 58.5
ASGA	1.7nm,0.6s			AML	AML	05 51 58.5
RYAN	Fayoum	4.75	154	P	Pn	05 51 02.9 +1.6
RYAN				S	Sn	05 51 53.0 -3.2
CSS	Mathiatis	4.78	69	PN	Pn	05 51 03.8 +2.0
CSS	Mathiatis	4.78	69	P	Pn	05 51 04.4 +2.7
KOT	Kottamia	4.82	135	P	Pn	05 51 02.7 +0.5
KOT				S	Sn	05 51 54.0 -3.8
BASM	Basmafi-Afyon	4.85	21	PN	Pn	05 51 04.9 +2.1
HSAF	As Saff	4.89	139	P	Pn	05 51 04.2 +0.9
HHAG	Hagoal	4.96	133	P	Pn	05 51 04.8 +0.5
HHAG				S	Sn	05 51 59.4 -1.9
GLL	Jalalah	5.01	138	P	Pn	05 51 05.8 +0.9
MVOU	Mavrovouni	5.03	70	P	Pn	05 51 08.1 +3.0
BERE	Berek-Mersin	5.29	55	PN	Pn	05 51 11.1 +2.3
TEVE	Tevekalit-Mrx2	5.49	55	PN	Pn	05 51 14.0 +2.5
SUZ	Suez	5.50	129	P	Pn	05 51 12.3 +0.6
NBNS	Bani Suef	5.58	147	P	Pn	05 51 13.9 +1.2
ITM	Ithomi	5.67	310	Pn	Pn	05 51 20.6 -0.3
HFRF	Wahit Farafira	6.23	177	P	Pn	05 51 23.6 +1.9
BALB	Balikesir	6.24	360	PN	Pn	05 51 21.5 -0.2
TAMRE	Ei Minia	6.26	155	P	Pn	05 51 23.4 +1.3
MMAI	Mount Meron Ar	6.31	91	PN	Pn	05 51 24.4 +1.6
MMAI				Sn	Sn	05 52 32.7 -2.0
TR2	Tor 2	7.07	133	P	Pn	05 51 33.7 +0.4
EIL	Eilat	7.08	120	PN	Pn	05 51 35.6 +2.3
AGG	Agios Georgios	7.20	323	PN	Pn	05 51 35.6 +0.7
TR1	Tor 1	7.48	134	P	Pn	05 51 39.1 +0.3
ASF	Jabal al Asfar	7.68	97	PN	Pn	05 51 44.1 +2.4
ASF				Sn	Sn	05 53 05.4 -3.1
BRTR	Keskin Array B	7.84	35	PN	Pn	05 51 46.3 +2.5
BRTR	Keskin Array S	7.84	35	PN	Pn	05 51 46.3 +2.5
BRTR				Sn	Sn	05 53 09.2 -3.1
BRTR				Sn	Sn	05 51 45.2 +1.4
BR131	Keskin Array S	7.84	35	PN	Pn	05 51 45.7 +1.8
HRHG	AI Ghardaqah	7.87	140	P	Pn	05 51 45.9 +1.7
HDK1	Dakhla	7.93	170	P	Pn	05 51 47.2 +2.2
GTR	Jabal at Tayr	8.19	163	P	Pn	05 51 49.8 +1.3
BNN	Bunyan	8.44	47	PN	Pn	05 51 53.8 +1.8
VTS	Vitosha	9.32	340	PN	Pn	05 52 13.4 +1.0
SCTE	Santa Cesarea	10.08	314	PN	Pn	05 52 11.3 -2.6
SNOP	Sinop	10.38	32	PN	Pn	05 52 19.4 +0.9
TIP	Timpagrande	10.68	306	PN	Pn	05 52 20.6 -2.1
CEL	Celeste	10.88	300	PN	Pn	05 52 24.8 -0.7
PDG	Podgorica	11.31	325	PN	Pn	05 52 29.4 -1.8
RAFF	Raffo Rosso	11.69	293	PN	Pn	05 52 35.8 -0.7
MLR	Muntele Rosu	12.18	354	PN	Pn	05 52 45.4 +2.2
DIVS	Divibare	12.34	332	PN	Pn	05 52 45.3 -0.1
CORL	Corleone	12.68	295	PN	Pn	05 52 50.6 +0.5
SGRT	San Giovanni R	12.74	314	PN	Pn	05 52 46.4 -4.5
NRCA	Norcis	14.95	313	PN	Pn	05 53 18.2 -2.9
KEST	Kesra	15.46	284	PN	Pn	05 53 32.6 +0.3
KEST				I Amb	I Amb	05 53 31.2 -1.0
KEST				I Amb	I Amb	05 53 38.8
MURB	Monte Urbino	15.55	314	PN	Pn	05 53 29.1 +0.1
MURB				I Amb	I Amb	05 53 50.0
PSZ	Piszkesteto	15.72	340	PN	Pn	05 53 31.1 0.0
SOKA	Sothob	16.50	327	ePN	Pn	05 53 42.0 +0.9
OBKA	Obir	16.59	326	ePN	Pn	05 53 42.7 +0.4
TEOL	Teolo	17.29	319	P	P	05 53 53.2 +0.9
TEOL				I Amb	I Amb	05 53 53.8
STAL	STALIGIAL	17.32	322	P	P	05 53 52.7 -0.1
STAL				I Amb	I Amb	05 53 54.3
AKASG	Malin Array Be	17.33	3	P	Pn	05 53 51.1 -0.3
AKASG	Malin Array Be	17.33	3	P	Pn	05 53 53.1 +0.3
AKKB	Malin Array Si	17.33	3	P	Pn	05 53 51.6 -0.5
ZOUJ	Zoufplan	17.39	324	I Amb	I Amb	05 53 54.2 +0.5
KBA	Koelnbreinsper	17.57	325	ePN	P	05 53 56.9 +1.2
CTI	Castel Tesino	17.73	320	P	P	05 53 58.4 +1.0
CTI				I Amb	I Amb	05 53 59.4

ABTA	Abfaltersbach	17.75	323	ePN	P	05 53 58.6 +1.1
OJC	Ojcow	17.85	343	P	Pn	05 53 59.1 +0.6
WTTA	Wattenberg	18.54	323	ePN	Pn	05 54 07.3 +0.7
WATA	Walderalm	18.62	323	ePN	Pn	05 54 08.0 +0.5
GERES	GERESS Array B	18.73	330	P	Pn	05 54 08.7 -0.1
GERES	GERESS Array B	18.73	330	P	Pn	05 54 09.7 +0.8
FETA	Feichten	18.84	321	ePN	Pn	05 54 10.9 +0.6
MOTA	Moosalm	18.86	323	ePN	Pn	05 54 11.0 +0.5
DPC	Dobruska-Polom	18.97	337	eP	Pn	05 54 11.7 0.0
KHC	Kasperske Hory	19.00	330	eP	Pn	05 54 11.2 -0.1
KHC	Kasperske Hory	19.00	330	eP	Pn	05 54 12.1 +0.1
RETA	Reutte	19.13	322	ePN	Pn	05 54 14.1 +0.5
DAVOX	Davos/Dischmat	19.14	320	P	P	05 54 13.0 -0.1
TUE	Stuetta	19.25	318	P	Pn	05 54 15.4 +0.1
TUE				I Amb	I Amb	05 54 23.7
DAVA	Damuels	19.46	321	ePN	Pn	05 54 17.8 +0.2
BNI	Bardonecchia	20.08	312	P	I Amb	05 54 23.6 +0.4
BNI				I Amb	I Amb	05 54 38.6
NKC	Novy Kostel	20.32	331	eP	P	05 54 26.3 +0.6
SENI	Lac Senin/Sane	20.36	316	I Amb	I Amb	05 54 27.2 +0.8
SENI				I Amb	I Amb	05 54 31.8
BFO	Black Forest	20.93	321	P	Pn	05 54 33.2 +0.9
CLL	Collin	20.95	333	eP	Pn	05 54 34.0 -0.9
ESDC	Sonsec Array	26.26	293	P	P	05 55 25.1 +0.2
ESDC	Sonsec Array	26.26	293	P	P	05 55 25.5 +0.5
ESDC				I Amb	I Amb	05 55 27.5
MDT	Midelt	27.17	278	P	P	05 55 34.0 +0.8
FINES	FINESS Array B	28.10	358	P	P	05 55 42.1 +1.1
FINES	FINESS Array B	28.10	358	P	P	05 55 41.4 +0.3
FINES	Hagfors	28.34	345	P	P	05 55 43.4 +0.1
PESTR	Estremoz	29.05	291	P	P	05 55 50.1 +0.3
PESTR				I Amb	I Amb	05 56 00.2
NOA	NORSAR Array B	29.71	344	LR	LR	06 08 39.5
PVFI	Vila Bisbo	30.09	288	P	P	05 55 59.1 0.0
LDK	Lidzvar	30.62	165	P	P	05 56 04.1 +0.1
ESK	Eskleimuir	30.80	325	P	P	05 56 05.4 +0.2
KOWA	Kowa	34.49	245	P	P	05 56 38.9 +1.0
KOWA				I Amb	I Amb	05 56 39.5
KK31	Karatay Array	34.53	61	P	P	05 56 40.6 +2.6
KK31				I Amb	I Amb	05 56 41.1
KKAR	Karatay Array	34.53	61	P	P	05 56 39.7 +1.7
ARCES	ARCES Array B	36.22	359	P	P	05 56 53.1 +0.9
ARCES	ARCES Array B	36.22	359	P	P	05 56 52.1 0.0
KSH	Kashi	38.79	67	P	P	05 57 13.8 -0.6
KSH				pmax	pmax	
KSH				pmax	pmax	
MKAR	Makanchi Array	42.90	55	P	P	05 57 48.7 +0.6
PETK	Petrovayovsk	83.45	28	P	P	06 02 16.7 -0.3

IDC 17 06:08:57.8:0.7,45:28N;75:91E,h0km,mb3.6/1,
 mb1 3.8/7,mb1mx3.5/47,mbtpr3.7/7,ML3.4/6,MS3.1/1,
 MS1 3.1/1,ms1mx2.2/43,Error ellipse: s-maj=9.6km
 s-min=6.9km az=122.0
 SOME 17 06:08:58.6,45:28N;75:93E,h10km,MS2.8
 NNC 17 06:08:58.0,0.4,45:34N;75:94E,h0km,mb4.4,mpv4.2,
 Error ellipse: s-maj=3.3km s-min=2.9km az=83.0
 MOS 17 06:09:01.7,2.4,45:46N;75:79E,h44km,mb4.0/2,Error
 ellipse: s-maj=10.5km s-min=5.1km az=104.3
 ISC 17 06:08:57.5:1.2,45:32N;0:03:75:93E,0.02,h2km,9gkm,
 n96,+f158/144,mb3.8/3,12C-12D,Eastern Kazakhstan

Code	Station Name	Δ°	AZ°	Time	Res
BTL	Baital			Op	ISC
BTL		126nm,0.1s		1.36 259 eP	h m s ISC
BTL					05 09 23.8 +0.1
BTL				eS	Pn
BTL				06 09 42.0 -0.1	
BTL				06 09 23.8 +0.1	
BTL				eS	Pn
BTL				06 09 42.0 -0.1	
KUU	Kurty			1.45 168 eP	Pn
KUU		224nm,0.2s			06 09 25.4 +0.1
KUU				eS	Sn
KUU				06 09 44.9 +0.4	
KUU				1.45 168 P	Pb
KUU		290nm,0.3s			06 09 25.4 +0.1
KUU				S	Sn
KUU				06 09 44.9 +0.4	
KUU				1.45 168 ePN	Pn
KRB	Karabastau			1.63 186 eP	Pg
KRB		198nm,0.2s			06 09 28.8 +0.1
KRB				eS	Sg
KRB				06 09 51.1 +1.2	
KRB				1.63 186 P	Pg
KRB		202nm,0.2s			06 09 28.7 +0.1
KRB				S	Sg
KRB				06 09 50.5 +0.6	
KRB				1.63 186 ePN	Pg
KRB		348nm,0.1s			06 09 28.8 +0.1
CHKK	Chushkaly			1.65 152 eP	Pb
CHKK		91nm,0.1s			06 09 28.8 +0.2
CHKK				eS	Sg
CHKK				06 09 51.0 +0.6	
CHKK				1.65 152 P	Pb
CHKK		91nm,0.1s			06 09 28.7 +0.2
CHKK				S	Sg
CHKK				06 09 50.5 +0.1	
CHK					

Table with columns: CHTO, comp-Z, station name, elevation, frequency, polarization, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and other technical details for various stations.

Table with columns: BAR, Barrett, elevation, frequency, polarization, and other technical details for various stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAO San Andreas Ge, MDPB Devils Postpile, PRN Pahroc Range, etc.

DJA 17:07:44:22.7:1.0, 8.1N, 7.7E, h40km, 7km, M4, 9/24, mB5.3/9, mb4.9/24, MLv5.1/4, Mw(mb)4.7/9
MAN 17:07:44:25.0:7.42N, 127.21E, h22km, mb5.2, ML4.2, MS4.3
BIJ 17:07:44:26.1:0.0, 6.96N, 127.21E, h81km, mb4.9/18, mb4.8/23, Ms4.1/6, Ms7.3/6

ISC 17:07:44:31.0:1.7, 7.27N, 126.87E, h88km, 15km, mb4.2/26, mb1.4/22, mb1mx4.1/51, mbtmp4.5/27, MS3.3/1, Ms1.3/4/11, ms1mx3.1/42, Error ellipse: s-maj=20.7km s-min=10.3km az=84.0

NEIC 17:07:44:31.2:1.7, 7.29N, 126.88E, 0.08, h85km, 5km, mb4.0/75, Error ellipse: s-maj=11.8km s-min=10.0km az=76.0

ISC 17:07:44:27.1:1.0, 7.40N, 127.00E, h53km, 9km, n202, c1999/215, mb4.7/64, MS3.3/10, 3C-4D, Philippine Islands region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including Bislig, Davao City (W), Kidapawan, Dipolog City, Roxas, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including Warramunga Arr, Hachijo jima 2, Mitsune, Wachi, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including Medeo, Chushkaly, Kurty, Sogindy, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like TPP Pointe-a-Pierr, TBH Brigand Hill, TRGR Grenville, etc.

NNC 17 07:52:49.1: 4.54'80N-86.78E, h0km, mb3.5, mpv3.3, 4C-3D. Error ellipse: s-maj=34.5km s-min=8.0km az=147.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ZAAO Zalesovo Array, KURBB Kurchatov Arra, etc.

PGC 17 07:58:25.9: 0.3, 48', 71N-129.08W, h10km, mb4.4, ML3n3.4/45, Mw4.7, 236km west of Tofino, Bc Vancouver Island, Canada Region

IDC 17 07:58:26.5: 0.4, 48', 83N-128.96W, h0km, mb4.0/9, Mb1 4.2/17, mb1mx4.0/42, mbtmp4.0/17, ML3.7/17, MS3.6/23, Ms1 3.6/23, ms1mx3.5/38, Error ellipse: s-maj=19.2km s-min=10.2km az=50.0

GCMT 17 07:58:30.4: 0.4, 48', 66N-102.129:09W, 0.03, h24km, 2km, MW4.8/77, Moment Tensor Solution, s9,c10, s77,c98, Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.13x.17; Mw=1.7x.10; Ms=1.8x.12; Mi=0.07x.16; M0=0.05x.08; M=0.06x.12; Best double couple: M1=7780.015; NP1=346.00000; s87.00000; lambda=1.00000; NP2=0x136.00000; s89.00000; lambda=177.00000; Principal axes: T 1.8420, Plg2.0000, Azm1.7100; P -1.7140, Plg3.0000, Azm1.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 17 07:58:32.4: 1.8, 49', 03N-106.128:7W, 0.1, h24km, 5km, mb4.4/143, Mw4.7(OTT) Error ellipse: s-maj=10.2km s-min=7.6km az=63.0

NEIC 17 07:58:32.5: 48', 71N-129.08W, h3km, Moment Tensor Solution, Moment Tensor Scale 10^16Nm; Mw=0.2; Ms=0.18; M0=0.46; M=0.53; M=0.15; Mw=1.15; Fault plane solution: M1 3.0000, 1016; NP1=25.00000; s82.00000; lambda=83.00000; NP2=0x165.00000; s10.00000; lambda=130.00000; Principal axes: T 1.4144, Plg7.0000, Azm1.00000; P -0.1936, Plg6.0000, Azm205.0000; P -1.2208, Plg52.0000, Azm303.0000

ISC 17 07:58:29.3: 3.2, 48', 85N-104.128:85W, 0.05, h15km, 21km, n414, s1961/435, mb4.5/40, MS3.6/13, Vancouver Island region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KEMF NEPTUNE Canada, NC27 ODP1027, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BFB5B Bamfield, MWAB Mount Washington, CBB Campbell River, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ORV Oroville, EDM Edmonton, BKR Beckwith, etc.

7d 8h

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 Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength.

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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.

908

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.

NEIC 17 08:55:20.3; 1.2, 19.51N; 0.07:66; 07W; 0.05, h35km, 2km, Error ellipse: s-maj=12.6km s-min=7.5km az=10.0 RSPR 17 08:55:20.4, 19.51N; 66.06W, h5km, 11km, MD3.4/10 ISC 17 08:55:22.1; 1.8, 19.40N; 0.09:66; 08W; 0.04, h35km, n50, 0:059/53, 13C, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength.

IDC 17 08:02:36.8; 1.9, 6.61S; 128.81E, h0km, mb3.8/1, mb1.4/0.3, mb1mx3.7/2.1, mbtmp3.8/3, ML3.9/2, Error ellipse: s-maj=113.7km s-min=30.5km az=67.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength.

IDC 17 08:58:04.9; 0.9, 26.93S; 176.28W, h0km, mb4.1/1.0, mb1.4/3/1.3, mb1mx4.2/2.2, mbtmp4.0/1.3, ML4.3/3, MS3.7/8, Ms1.3/7.8, ms1mx3.3/3.4, Error ellipse: s-maj=33.8km s-min=18.1km az=135.0

NEIC 17 08:58:10.2; 2.4, 26.95S; 0.08:176; 20W; 0.08, h35km, 1km, mb4.5/1.5, Error ellipse: s-maj=15.0km s-min=10.6km az=147.0

ISC 17 08:58:09.1; 0.5, 26.95S; 0.07:176; 2W; 0.1, h31km, n56, 0:130/49, mb4.5/1.9, MS3.6/19, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like RAO, NUIE, MSFV, URZ, GUMU, WR0, WRA, etc.

SOME 17 09:15:34.5, 43.38N, 69.75E
NCC 17 09:15:31.5, 1.4, 43.27N, 69.54E, h0km, mb3.6, mpv3.1, 4C-1D, Error ellipse: s-maj=20.8km s-min=2.2km az=16.0, Suspected Mining explosion..Central Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like KK31, MRKS, AAK, SGDS, TKM2, etc.

IDC 17 09:31:16.2, 3.0, 14.40N, 145.71E, h76km, 23km, mb3.3/7, mb1 3.4/7, mb1mx3.2/52, mbtmp3.6/7, Error ellipse: s-maj=41.9km s-min=21.8km az=89.0, NEIC 17 09:31:17.4, 1.3, 14.4N, 0.1, 145.7E, 0.1, h78km, 10km, mb4.1/5, Error ellipse: s-maj=21.1km s-min=11.5km az=150.0, ISC 17 09:31:16.5, 0.8, 14.4N, 0.1, 145.7E, 0.1, h78km, n17,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like GUMU, WR0, WRA, AS31, etc.

IDC 17 09:40:29.4, 4.0, 22.86N, 94.63E, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.5/56, mbtmp4.0/4, MS4.0/1, Ms1 4.0/1, ms1mx2.5/47, Error ellipse: s-maj=339.3km s-min=21.3km az=60.0, ISC 17 09:40:33.5, 1.5, 23.9N, 0.4, 96.5E, 0.9, h10km, n19, a=127/12, mb4.1/4, Myanmar

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like CM33, CM34, CMAR, CM02, etc.

SOME 17 09:41:19.1, 42.02N, 80.72E, h15km, KRNET 17 09:41:19.1, 0.1, 42.14N, 80.90E, h15km, mb3.2, NCC 17 09:41:20.0, 1.2, 42.00N, 80.58E, h0km, mb3.4, mpv3.1, 18C-7D, Error ellipse: s-maj=7.9km s-min=5.9km az=149.0, Kyrgyzstan-Xijiang border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like KTMS, KTMS, PDGK, UZB, etc.

SOME 17 09:51:16.2, 3.0, 14.40N, 145.71E, h76km, 23km, mb3.3/7, mb1 3.4/7, mb1mx3.2/52, mbtmp3.6/7, Error ellipse: s-maj=41.9km s-min=21.8km az=89.0, NEIC 17 09:51:17.4, 1.3, 14.4N, 0.1, 145.7E, 0.1, h78km, 10km, mb4.1/5, Error ellipse: s-maj=21.1km s-min=11.5km az=150.0, ISC 17 09:51:16.5, 0.8, 14.4N, 0.1, 145.7E, 0.1, h78km, n17,

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

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

IDC 17 09:41:20.0, 3.1, 53.59N, 87.81E, h0km, mb1 3.1/2, mb1mx3.0/52, mbtmp3.1/2, ML2.9/2, Error ellipse: s-maj=26.9km s-min=16.8km az=56.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like I46RU, ZALV, ZALV, etc.

IDC 17 09:50:26.9, 1.6, 14.35N, 145.19E, h103km, 10km, mb3.4/3, mb1 3.7/3, mb1mx3.2/40, mbtmp3.7/3, Error ellipse: s-maj=161.6km s-min=26.0km az=109.0, NEIC 17 09:50:27.5, 0.3, 14.4N, 0.1, 145.3E, 0.2, h107km, 9km, mb4.3/3, Error ellipse: s-maj=27.5km s-min=13.2km az=105.0, ISC 17 09:50:27.1, 0.8, 14.35N, 0.09, 145.3E, 0.1, h109km, n18, a=0547/13, mb3.9/6, Mariana Islands

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

KMA 17 11:40:44.4, 31.36N, 131.28E, h15km
ISC 17 11:40:34.6, 0.3, 30.80N, 0.02, 131.08E, 0.02, h15km, 1km,
h15km; p:P, n:1008, e:1960/1018, mbs:1.256, MS4.4/58,
41C-41D, Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station data for various locations like Tanegashima, Tashiro, Minamitate, etc.

Table with columns: Station Name, SNR, Az, Phase ID, Time, Res, ISC. Lists station data for various locations like Chungju, Yeongwol, Wonyu, etc.

Table with columns: Station Name, SNR, Az, Phase ID, Time, Res, ISC. Lists station data for various locations like TIA, USRK, USRK2, etc.

17d 11h

FALS	baz=261	False Pass	51.54	42	P	P	11 49 39.4	-0.3
KBL	baz=270	Kabul	51.63	292	P	Pmax	11 49 41.0	0.0
KBL	comp=Z,15nm,0.8s	Kabul	51.63	292	P	Iamb	11 49 41.0	0.0
KBL	comp=Z,15nm,0.8s	Kabul	51.63	292	P	Iamb	11 49 41.0	0.0
KBL	SNR=20	Kabul	51.63	292	P	P	11 49 41.3	+0.2
PALK		Pallekele	52.52	254	P	P	11 49 47.4	-0.2
CTAO		Charters Tower	52.66	162	P	Pmax	11 49 47.8	-0.5
CTAO	comp=Z,21nm,0.9s	Charters Tower	52.66	162	P	Iamb	11 49 47.8	-0.5
CTAO	comp=Z,21nm,0.9s	Charters Tower	52.66	162	P	Iamb	11 49 47.8	-0.5
MBWA	comp=Z,32nm,1.1s	Red Dog Mine	52.87	26	P	P	11 49 48.7	-0.7
RDOG	baz=260	Red Dog Mine	52.87	26	P	P	11 49 48.7	-0.7
PSA00		Pilbara Seismi	53.17	193	P	P	11 49 51.6	-0.6
PSA00	comp=Z,32nm,1.1s	Pilbara Seismi	53.17	193	P	Iamb	11 49 51.6	-0.6
PSA00		Pilbara Seismi	53.17	193	P	P	11 49 51.1	-1.0
PSA00	comp=Z,21nm,1.2s	Pilbara Seismi	53.17	193	P	Iamb	11 49 51.1	-1.0
SDPT	baz=277	Sand Point	53.22	42	P	P	11 49 51.5	-0.7
CHNA	baz=273	Chernabura Isl	53.76	42	P	P	11 49 55.1	-1.0
AS31		Alice Springs	54.22	177	P	P	11 49 59.5	-0.3
ASAR	comp=Z,9.4nm,0.8s,ba=0.9,slow=6.8,SNR=87	Alice Springs	54.22	177	P	P	11 49 59.4	-0.5
ASAR	comp=Z,4.3nm,0.9s,ba=1.6,slow=3.3,SNR=4.7	Alice Springs	54.22	177	P	P	11 51 04.1	0.0
ASAR	comp=Z,70nm,19.7s,ba=0.5,slow=9.6	Alice Springs	54.22	177	P	P	12 13 14.9	
ASAR	comp=Z,70nm,19.7s,ba=0.5,slow=9.6	Alice Springs	54.22	177	P	P	11 49 59.9	+0.1
SVE		Sverdlövs	54.27	320	eP	P	11 49 58.9	-1.0
SVE	comp=Z,86nm,1.0s	Sverdlövs	54.27	320	eP	Pmax	11 49 58.9	-1.0
ARU	comp=Z,17nm,0.8s,ba=9.3,slow=4.4,SNR=78	Arti	55.44	320	P	P	11 50 07.0	-1.3
ARU	comp=Z,17nm,0.8s,ba=9.3,slow=4.4,SNR=78	Arti	55.44	320	P	P	11 50 07.0	-1.3
ARU		Arti	55.44	320	P	P	11 51 05.4	
ARU		Arti	55.44	320	P	P	11 57 52.4	0.0
ARU		Arti	55.44	320	P	P	12 01 39.0	+2.3
ARU	comp=Z,81nm,0.9s	Arti	55.44	320	P	MLR	11 50 06.7	-1.6
ARU	comp=Z,397nm,15.0s	Arti	55.44	320	P	P	11 50 07.1	-1.2
ABKAR		Abkulkul array	55.45	311	P	P	11 50 07.2	-1.3
ABKAR		Abkulkul array	55.45	311	P	P	11 50 07.7	-0.8
ABKAR		Abkulkul array	55.45	311	P	Iamb	11 50 08.6	
N18K	comp=Z,29nm,0.8s	Kilae Creek	55.45	35	P	P	11 50 08.4	0.0
GIRL	baz=272	Giralila	55.54	199	P	P	11 50 10.2	+0.9
SVW2		Sparrevohn	55.59	34	P	P	11 50 10.1	+0.7
L19K	baz=272,SNR=1.6	White Mountain	55.89	33	P	P	11 50 11.7	+0.1
M19K	baz=272,SNR=1.6	Big River Lodg	56.12	33	P	P	11 50 12.2	-1.0
N19K	baz=273	Bonzanza Creek	56.14	35	P	P	11 50 13.1	-0.3
J20K	baz=273	Nowinta River	56.15	31	P	P	11 50 13.8	+0.4
K20K	baz=271,SNR=19	Telida	56.21	32	P	P	11 50 14.4	+0.6
O19K	baz=272,SNR=17	Port Aisworth	56.26	35	P	P	11 50 14.4	+0.6
M20K	baz=274,SNR=5.1	Styx River	56.72	33	P	P	11 50 17.5	-0.1
P19K	baz=274	Oil Ft	56.85	36	P	P	11 50 17.9	-0.5
CHUM	baz=275	Lake Minchum	56.97	31	P	P	11 50 19.6	+0.5
RSO	baz=273,SNR=13	Redoubt South	57.01	35	P	P	11 50 20.1	+0.3
I21K	baz=273,SNR=25	Tanana	57.05	29	P	P	11 50 20.7	+0.1
OHAK	baz=277	Old Harbor	57.07	39	P	P	11 50 19.4	-0.5
HRA	comp=Z,28nm,0.9s	Herat	57.09	293	P	Iamb	11 50 20.7	0.0
HRA	comp=Z,28nm,0.9s	Herat	57.09	293	P	Iamb	11 50 21.9	
PPLA	comp=Z,31nm,1.3s	Purkeypile	57.09	32	P	P	11 50 21.0	+0.8
PPLA	comp=Z,31nm,1.3s	Purkeypile	57.09	32	P	Iamb	11 50 25.2	
PPLA	baz=274,SNR=6.6	Purkeypile	57.09	32	P	P	11 50 20.7	+0.5
O20K	baz=276	Slope Mountain	57.11	35	P	P	11 50 20.0	-0.3
SPCR	baz=275	Spurr Chakacha	57.21	34	P	P	11 50 20.8	-0.2
KDAK	baz=277	Kodiak Island	57.38	38	P	P	11 50 21.6	-0.5
SKT	baz=277	Skvertina	57.47	33	P	P	11 50 22.3	-0.5
SKT	baz=275	Skvertina	57.47	33	P	P	11 50 22.5	-0.2
BPAW	baz=275	Bear Paw Mtn.	57.54	31	P	P	11 50 23.6	+0.4
BPAW	baz=274,SNR=9.7	Bear Paw Mtn.	57.54	31	P	P	11 50 23.6	+0.4
MLY	comp=Z,13nm,0.9s	Manley	57.58	29	P	Iamb	11 50 28.5	
MLY	comp=Z,13nm,0.9s	Manley	57.58	29	P	P	11 50 24.2	+0.6
KTH	baz=274,SNR=16	Kantishna Hill	57.61	31	P	Iamb	11 50 23.9	+0.2
KTH	comp=Z,14nm,1.0s	Kantishna Hill	57.61	31	P	Iamb	11 50 34.7	
COLD	baz=271	Coldfoot	57.67	27	P	P	11 50 24.2	+0.2
TOLK	comp=Z,24nm,1.2s	Toolik Lake Re	57.84	25	P	Iamb	11 50 25.9	+0.6
TOLK	comp=Z,24nm,1.2s	Toolik Lake Re	57.84	25	P	Iamb	11 50 29.9	
TOLK	baz=273,SNR=8.8	Toolik Lake Re	57.84	25	P	P	11 50 25.4	+0.2
CNPM	comp=Z,18nm,1.0s	China Poot	57.87	36	P	Iamb	11 50 26.3	+0.7
CNPM	comp=Z,18nm,1.0s	China Poot	57.87	36	P	Iamb	11 50 27.4	
SUA	baz=276,SNR=15	Susitna	57.89	34	P	P	11 50 26.0	+0.2
TRF	baz=275	Thorofare Moun	57.91	31	P	P	11 50 25.1	-0.9
CUT	baz=275	Chulitna	58.02	33	P	Iamb	11 50 27.0	+0.5
CUT	comp=Z,41nm,1.4s	Chulitna	58.02	33	P	P	11 50 28.3	
CUT	comp=Z,41nm,1.4s	Chulitna	58.02	33	P	P	11 50 26.1	-0.4
BRLK	baz=276	Bradley Lake	58.02	36	P	Iamb	11 50 27.7	+1.1
BRLK	comp=Z,27nm,1.1s	Bradley Lake S	58.02	36	P	Iamb	11 50 29.1	
H23K	baz=274,SNR=28	Yukon River	58.02	28	P	P	11 50 27.6	+1.0
BRSE	baz=277	Bradley Lake S	58.09	36	P	P	11 50 28.0	+0.9
I23K	baz=277	Minto, Yukon-K	58.16	29	P	P	11 50 27.2	-0.2
I23K	comp=Z,21nm,1.5s	Minto, Yukon-K	58.16	29	P	Iamb	11 50 32.4	
I23K	comp=Z,21nm,1.5s	Minto, Yukon-K	58.16	29	P	P	11 50 27.3	-0.2
BWN	baz=275	Browne	58.20	30	P	P	11 50 29.3	+1.5
NEA2	baz=276,SNR=35	Nenana	58.33	30	P	P	11 50 29.1	+0.4
NEA2	baz=276,SNR=35	Nenana	58.33	30	P	P	11 50 28.9	+0.2
RC01	baz=276,SNR=35	Rabbit Creek A	58.42	34	P	Iamb	11 50 29.7	+0.3
RC01	comp=Z,24nm,1.2s	Rabbit Creek A	58.42	34	P	P	11 50 33.2	
RC01	comp=Z,24nm,1.2s	Rabbit Creek A	58.42	34	P	P	11 50 28.5	-0.9
MCK	comp=Z,32nm,1.3s	McKinley	58.48	31	P	Pmax	11 50 29.7	-0.1
MCK	comp=Z,32nm,1.3s	McKinley	58.48	31	P	Pmax	11 50 29.7	-0.1
MCK	comp=Z,32nm,1.3s	McKinley	58.48	31	P	Iamb	11 50 33.9	
MCK	comp=Z,32nm,1.3s	McKinley	58.48	31	P	P	11 50 29.7	-0.1
MCK	comp=Z,32nm,1.3s	McKinley	58.48	31	P	P	11 50 30.3	-0.1
RND	comp=Z,23nm,0.8s	Reindeer	58.55	31	P	Pmax	11 50 30.3	-0.1
RND	comp=Z,23nm,0.8s	Reindeer	58.55	31	P	P	11 50 30.3	-0.1
RND	comp=Z,23nm,0.8s	Reindeer	58.55	31	P	Iamb	11 50 30.3	-0.1
RND	comp=Z,23nm,0.8s	Reindeer	58.55	31	P	Iamb	11 50 31.0	

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PMR	58.64	33	P	Pmax	11 50 30.8	-0.1
PMR	58.64	33	P	Pmax	11 50 30.8	-0.1
PMR	58.64	33	P	Iamb	11 50 31.5	
PMR	58.64	33	P	P	11 50 30.3	-0.6
MDM	58.65	29	P	P	11 50 31.8	+0.8
SEW	58.69	35	P	P	11 50 31.1	-0.1
SEW	58.69	35	P	P	11 50 30.5	-0.8
H24K	58.71	28	P	P	11 50 32.1	+0.7
GHO	58.72	33	P	P	11 50 31.5	-0.1
GHO	58.72	33	P	Iamb	11 50 33.5	
WAT1	58.76	32	P	P	11 50 31.2	-0.6
WRH	58.77	30	P	P	11 50 32.1	+0.4
WRH	58.77	30	P	Iamb	11 50 37.2	
TCOL	58.82	30	P	P	11 50 32.8	+0.7
TCOL	58.82	30	P	Iamb	11 50 34.5	
TCOL	58.82	30	P	P	11 50 32.0	-0.1
COLA	58.82	30	P	P	11 50 32.8	+0.7
COLA	58.82	30	P	Pmax	11 50 32.8	+0.7
COLA	58.82	30	P	Iamb	11 50 34.4	
COLA	58.82	30	P	P	11 50 32.8	+0.7
COLA	58.82	30	P	Iamb	11 50 34.4	
CCB	58.87	30	P	P	11 50 32.6	+0.2
POKR	58.97	29	P	P	11 50 34.2	+1.0
POKR	58.97	29	P	P	11 50 33.4	+0.2
KNK	58.99	34	P	P	11 50 33.0	-0.3
KNK	58.99	34	P	Iamb	11 50 34.3	
KNK	58.99	34	P	P	11 50 32.8	-0.5
SML	58.99	33	P	P	11 50 32.1	-1.3
EIDS	59.04	159	P	Iamb	11 50 33.9	-0.1
EIDS	59.04	159	P	Iamb	11 50 37.9	
WAT6	59.16	32	P	P	11 50 33.5	-1.2
IL31	59.24	30	P	P	11 50 34.5	-0.5
IL31	59.24	30	P	P	11 50 34.0	-1.1
ILAR	59.24	30	P	P	12 17 55.6	
ILAR	59.24	30	P	P	11 50 34.7	-0.4
ILAR	59.24	30	P	P	11 50 34.7	-0.4
GEYT	59.25	298	LR	LR	12 20 38.9	
HDA	59.26	30	P	P	11 50 34.8	-0.5
HDA	59.26	30	P	Iamb	11 50 38.6	
HDA	59.26	30	P	P	11 50 34.2	-1.0
FYU	59.69	27	P	P		

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like Sankt Quirin, Reutte, BTNL, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like Goldstone, Jonelle, NLU, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like VNA3, VNA1, SDV, etc.

ARAG	Araguiana, MT	17.00 80	eP	P	11 55 37.2	-0.1
ITAB	Concordia	17.53 120	P	Pn	11 55 43.5	+0.1
ITAB	Concordia	15.55 46.2	Iamb	Iamb	11 55 46.2	
comp=Z,33nm,0.9s						
ITAB	Concordia	17.53 120	eP	Pn	11 55 44.0	+0.6
CP5B	Caçapava Do Su	18.03 131	eP	P	11 55 50.0	+0.7
MACA	Manacaru-AM	18.14 28	eP	P	11 55 49.2	-0.7
NPGB	Novo Progresso	18.21 50	eP	P	11 55 49.6	-1.0
PLTB	Pedras Altas	18.70 134	eP	Pn	11 55 57.4	-0.1
FR7B	Fartura	18.73 106	eP	Pn	11 55 56.6	-1.2
SNDB	Serra Nova Dou	18.75 70	eP	Pn	11 55 56.6	-1.5
BB19B	Bebedouro	19.50 98	eP	P	11 56 04.3	-0.4
LC01	Cunco	19.59 186	P	P	11 56 03.9	-1.7
LC01	Cunco	19.59 186	P	Iamb	11 56 10.3	
comp=Z,19nm,0.8s						
TJ01	Guaruvá-PR	19.61 111	eP	P	11 56 06.9	-1.4
TRQA	Torquato	19.66 163	P	Pn	11 56 05.7	-0.5
TRQA	Torquato	19.66 163	P	Iamb	11 56 07.7	
comp=Z,33nm,0.8s						
TRQA	Torquato	19.66 163	eP	Pn	11 56 07.0	-1.6
IT7F	Iatuba	19.89 343	eP	P	11 56 08.2	+0.8
IPMB	Ipameri, GO	19.96 89	eP	Pn	11 56 09.9	-2.4
TER01	Tuberão-SC	20.48 120	eP	P	11 56 14.8	-0.4
RCLB	Rio Claro- Sao	20.46 103	eP	P	11 56 15.1	-0.3
BDFB	Brasília	20.59 82	eP	Pn	11 56 16.4	-3.1
comp=Z,32nm,0.5s,baz=261,slow=11,SNR=30						
BDFB	Brasília	20.59 82	eP	Pn	11 56 16.7	-2.7
PTGA	Pitinga	20.63 27	P	P	11 56 15.6	-1.3
comp=Z,25nm,0.4s,baz=205,slow=11,SNR=53						
PTGA	Pitinga	20.63 27	P	P	11 56 15.1	-1.8
SPB	Sao Paulo	20.70 106	eP	P	11 56 17.1	-0.2
PET01	Itanhém-SP	20.93 107	eP	P	11 56 17.5	+0.2
VAO	Valinhos	21.06 104	eP	P	11 56 20.8	-0.8
PLCA	Paso Flores	21.32 183	P	P	11 56 25.2	+1.0
comp=Z,23nm,0.9s,baz=356,slow=11,SNR=22						
PLCA	Paso Flores	21.32 183	P	P	11 56 23.7	-0.5
PLCA	Paso Flores	21.32 183	P	Iamb	11 56 27.9	
comp=Z,32nm,0.9s						
PEXB	Paso Flores	21.32 183	eP	P	11 56 26.7	+2.5
PLCA	Peixe	21.38 73	eP	P	11 56 24.4	-0.6
OTAV	Ortavo	21.49 334	eP	P	11 56 30.4	+3.8
PARB	Paraibuna	22.36 331	eP	P	11 56 33.9	+2.1
BBAC	Balboa, Cauca	22.67 339	eP	P	11 56 40.5	+2.1
MALB	Monte Alegre	22.75 42	eP	P	11 56 37.7	-1.6
PRPB	Parauapebas	22.99 58	eP	P	11 56 40.5	-1.2
BSCB	Bom Sucesso	23.00 98	eP	P	11 56 41.8	-0.1
ECVAV	Eça Vista	23.20 23	eP	P	11 56 44.5	+0.2
ESAR	Angra dos Reis	23.38 103	eP	P	11 56 45.0	+0.3
SMTB	Santa Maria do	23.41 67	eP	P	11 56 46.0	+0.4
ORTC	Ortega, Tolima	23.88 345	eP	P	11 56 47.4	-2.5
JANB	Januária	24.17 84	eP	P	11 56 52.0	-0.6
MC01	Montes Claros	24.18 88	eP	P	11 56 52.2	-0.4
DIAM	Diamantina, MG	24.20 43	eP	P	11 56 52.3	+0.2
YOTC	Yotoco, Valle	24.24 342	eP	P	11 56 54.1	+0.2
CHIC	Chingaza	24.26 349	eP	P	11 56 55.0	+1.2
VAS01	Vassouras-RJ	24.26 101	eP	P	11 56 53.3	-0.0
SDBA	SAO DESIDERO	24.38 77	eP	P	11 56 54.3	-0.1
PLMC	San Jos del P	25.11 343	eP	P	11 57 02.1	+1.0
GUYCZ	Guyana, Califas	25.15 342	eP	P	11 57 04.2	+0.2
DUB01	Friburgo-RJ	25.25 101	eP	P	11 57 02.5	+0.2
MCPB	Macapa, AP	25.30 44	eP	P	11 57 02.5	-0.3
RUSC	La Rusia	25.39 351	P	P	11 57 03.8	-0.2
RUSC	La Rusia	25.39 351	P	Iamb	11 57 07.0	
comp=Z,15nm,0.5s						
RUSC	La Rusia	25.39 351	eP	P	11 57 03.9	-0.2
CAM01	Campos-RJ	25.91 100	eP	P	11 57 07.0	-1.2
CBOC	Ciudad Bolivar	25.95 344	eP	P	11 57 08.9	+0.1
BARC	Barichara	26.09 351	eP	P	11 57 10.5	+0.3
HELK	Santa Helena	26.15 346	eP	P	11 57 10.2	+0.6
SJMB	Sao Joao de Ma	26.19 103	eP	P	11 57 10.3	+0.3
ALF01	Guarapari-ES	26.80 98	eP	P	11 57 15.6	-0.6
RIB01	Linhares ES	27.19 95	eP	P	11 57 20.7	+0.9
NAN01	Guarapari, ES	27.61 92	eP	P	11 57 23.5	0.0
GUA01	Guaratinga, BA	28.11 89	eP	P	11 57 28.3	+0.4
SDV	Santo Domingo	28.11 357	LR	LR	12 11 30.2	
comp=Z,64nm,1.8s,baz=338,slow=42						
SMLC	San Martin de	28.40 350	eP	P	11 57 28.6	-1.9
CMC01	Camacan, BA	28.61 87	eP	P	11 57 32.5	+0.1
NBIT	Itapeva - BA	28.79 86	eP	P	11 57 33.9	-0.1
GDU01	Guandu, BA	28.95 83	eP	P	11 57 35.2	-0.3
MDFP	Ponto Novo - B	29.27 77	eP	P	11 57 54.0	+0.2
MDU	Montagnes des	29.29 36	P	P	11 57 37.5	-0.9
comp=Z,11nm,1.0s,baz=197,slow=11,SNR=5.1						
ROSB	Rosrio	29.50 59	eP	P	11 57 40.7	+0.4
SJCC	San Jacinto, C	29.57 348	eP	P	11 57 44.4	+2.5
NBPS	Pedro II	30.33 65	eP	P	11 57 52.0	+0.1
NBMA	Murti-CE	31.88 72	eP	P	11 58 01.9	+0.5
NBPP	Pedra Branca-C	31.96 68	eP	P	11 58 02.6	+0.5
NBMO	Morrinhos-CE	32.67 64	eP	P	11 58 08.6	+0.3
NBAN	Anadia - AL	33.27 78	eP	P	11 58 13.2	-0.3
NBLV	Livramento - P	33.56 74	eP	P	11 58 16.4	+0.4
NBCL	Casaesvalde	33.72 67	eP	P	11 58 17.7	+0.3
NBPA	Parau RN	34.06 71	eP	P	11 58 20.9	+0.6
NBRF	Rio Formoso - A	34.68 77	eP	P	11 58 25.9	+0.2
RCBR	Riachuelo	35.11 72	eP	P	11 58 29.2	-0.2
NBPV	Pedro Velho	35.41 73	eP	P	11 58 31.7	-0.2
PMAS	Palmer Station	45.51 177	eP	P	11 59 17.4	+2.4
TXAR	Lajitas Array	58.73 325	P	P	12 01 33.3	+0.3
comp=Z,0.5nm,0.7s,baz=154,slow=8.5,SNR=4.0						
TXAR	Lajitas Array	58.73 325	P	P	12 01 32.4	-0.5
BELA	Belgrano 2	60.89 172	P	P	12 01 47.6	+0.6
MSTX	Mulshoos	61.93 329	P	P	12 01 54.0	-0.8
MSTX	Mulshoos	61.93 329	P	Iamb	12 01 56.0	
comp=Z,7.1nm,0.9s						
VNA3	Neumayer Olymp	62.18 162	P	P	12 01 56.8	+1.0
VNA2	Neumayer-Watz	62.75 161	P	P	12 02 06.6	+1.1
SNA4	Sanae	64.38 161	P	P	12 02 11.1	+0.8
SNA5	Sanae	64.38 161	P	P	12 02 09.0	-0.6
SNA4	Sanae	64.38 161	P	Iamb	12 02 13.6	
comp=Z,5.5nm,0.9s						
SDCO	Great Sand Dun	66.28 329	P	P	12 02 22.7	-0.6
SDCO	Great Sand Dun	66.28 329	P	Iamb	12 02 25.2	
comp=Z,4.9nm,1.2s						
LIC	Lamto	68.10 75	eP	P	12 02 34.6	-0.4
comp=Z,86nm,1.9s						
SMCO	Snowmass	68.11 329	P	P	12 02 33.0	-2.1
TIC	Toumou	68.27 74	eP	P	12 02 37.9	+1.8
KIC	Kosan Boka	68.41 75	eP	P	12 02 37.3	+0.4
comp=Z,12nm,0.4s						
DBIC	Dimbokro	68.47 74	eP	P	12 02 36.4	-0.6
comp=Z,6.9nm,0.7s,baz=237,slow=4.8,SNR=8.9						
DBIC	Dimbokro	68.45 74	eP	P	12 02 36.8	-0.2
U15A	North Rim	68.82 324	P	P	12 02 38.2	-1.1
U15A	North Rim	68.82 324	P	Iamb	12 02 42.2	
comp=Z,7.8nm,1.4s						
MVU	Marysvale	70.28 325	P	P	12 02 48.6	+0.4
MVU	Marysvale	70.28 325	P	Iamb	12 02 50.8	
comp=Z,1.6nm,1.0s						
PRN	Pahroc Range	71.07 323	P	P	12 02 53.3	+0.3
PSUT	Pine Spring	71.19 324	P	P	12 02 54.0	+0.3
PDAR	Pinedale Array	72.13 330	P	P	12 02 59.5	+0.3
comp=Z,0.5nm,0.6s,baz=129,slow=8.5,SNR=4.9						
PDAR	Pinedale Array	72.13 330	P	P	12 02 59.1	-0.2
IMW	Indian Meadow	73.64 330	P	P	12 03 08.5	+0.2
IMW	Indian Meadow	73.64 330	P	Iamb	12 03 10.2	
comp=Z,7.6nm,1.4s						
NVAR	Nilina Array Bea	76.43 322	P	P	12 03 07.0	-1.4
FLWY	Flagg Ranch	76.67 330	P	P	12 03 09.2	+0.9
FLWY	Flagg Ranch	76.67 330	P	Iamb	12 03 10.7	
comp=Z,5.5nm,0.8s						
RLMT	Red Lodge	78.81 332	P	P	12 03 07.5	-1.7
RLMT	Red Lodge	78.81 332	P	Iamb	12 03 11.1	
comp=Z,4.4nm,0.7s						
KVN	Kaiserville	79.34 322	P	P	12 03 09.9	-0.1
YNE	Yellowstone No	74.06 331	P	P	12 03 11.2	+0.5
YNE	Yellowstone No	74.06 331	P	Iamb	12 03 12.6	
comp=Z,9.5nm,0.7s						
YHH	Holmes Hill	74.28 331	P	P	12 03 10.9	-1.1
YHH	Holmes Hill	74.28 331	P	Iamb	12 03 14.8	
comp=Z,4.2nm,0.7s						
GLMT	Greycliff	74.51 332	P	P	12 03 13.8	+0.8
CHD	Hayley	75.09 328	P	P	12 03 17.6	+1.1
PAHR	Pah Rah Range	75.12 322	P	P	12 03 15.0	-1.7
PAHR	Pah Rah Range	75.12 322	P	Iamb	12 03 19.4	
comp=Z,6.3nm,0.9s						
MCMT	McKenzie Canyon	75.25 329	P	P	12 03 17.8	+0.3
BMO	Blue Mountains	77.48 327	P	P	12 03 30.6	+0.7
WALA	Waterton Lakes	78.86 332	P	P	12 03 38.1	+0.7
C09A	Chrisman Ranch	80.00 329	P	P	12 03 42.8	-0.7
C09A	Chrisman Ranch	80.00 329	P	Iamb	12 03 45.8	
comp=Z,5.1nm,0.8s						
EDM	Edmonton	81.72 335	P	P	12 03 52.0	-0.6

YKA	Yellowknife Arr	89.09 341	P	P	12 04 29.0	+0.5
comp=Z,6.8nm,0.8s,baz=105,slow=1.6,SNR=17						
YKA	Yellowknife Arr	89.09 341	P	P	12 04 29.0	+0.1
ASAR	Alice Springs	131.64 209	PKP	PKPdf	12 10 47.0	-0.3
comp=Z,1.9nm,0.5s,baz=135,slow=1.6,SNR=31						
ASAR	Alice Springs	131.64 209	PKP	PKPdf	12 10 46.2	-1.2
WRA	Warramunga Arr	134.61 212	PKP	PKPdf	12 10 53.4	+0.4
comp=Z,2.1,4nm,0.5s,baz=146,slow=1.6,SNR=24						
WRA	Warramunga Arr	134.61 212	PKP	PKPdf	12 10 52.8	-0.2
ZALV	Zalesovo Beam	140.15 24	PKP	PKPdf	12 11 02.4	+0.4
comp=Z,1.7nm,0.6s,baz=319,slow=5.9,SNR=4.4						
ZALV	Zalesovo Beam	140.15 24	PKP	PKPdf	12 11 01.9	-0.2
KSH	Kashi	143.96 49	PKP	PKPdf	12 11 11.1	+1.6
KSH	Kashi	143.96 49	PKP	PKPdf	12 11 36.6	-1.7
KSH	Kashi	143.96 49	PKP	PKPdf	12 11 08.4	+0.8
comp=Z,2.5nm,0.5s,baz=328,slow=3.1,SNR=3.4						
MKAR	Makanchi Array	144.07 34	PKP	PKPbc	12 11 07.8	+0.2
TRQA	Kul'dur	145.78 335	PKPbc	PKPbc	12 11 13.4	+0.1
USRK	Ussuriysk Arr	149.55 329	PKPbc	PKIKP	12 11 24.0	-0.2
comp=Z,2.4nm,0.8s,baz=329,slow=1.3,SNR=6.9						
USRK	Ussuriysk Arr	149.55 329	PKPbc	PKPbc	12 11 23.7	+0.5
MJAR	Matsushiro Arr	150.49 311	PKPbc	PKPbc	12 11 26.3	+0.5
comp=Z,3.5nm,0.7s,baz=104,slow=4.2,SNR=6.3						
MJAR	Matsushiro Arr	150.49 311	PKPbc	PKPbc	12 11 25.8	+0.1
SOMN	Songino Array	151.39 6	PKPbc	PKIKP	12 11 28.4	+0.3
comp=Z,5.6nm,0.7s,baz=345,slow=1.9,SNR=3.3						
SOMN	Songino Array	151.39 6	PKPbc	sPKPdf	12 11 58.2	-2.7
SOMN	Songino Array	151.39 6	PKIKP	PKIKP	12 11 27.9	-0.2

ANF 17 11:53:56.8±0.2,35°35'N,96°67'W,h5km,ML3.5/14 Error ellipse: s-maj=2.2km s-min=1.5km az=0.0
TUL 17 11:53:56.4±1.2,35°34'N,0°02:96:67W,0°03,h5km,7km, ML3.3,mb_Lg3,1/97(NEIC),Error ellipse: s-maj=3.6km s-min=2.6km az=122.0
NEIC 17 11:53:56.8±1.2,35°34'N,0°02:96:67W,0°03,h5km,7km, Error ellipse: s-maj=3.7km s-min=2.7km az=121.0
ISC 17 11:53:56.5±1.2,35°33'N,0°03:96:67W,0°03,h3km,10km, n133,±0°68/145,Oklaohama

Code	Station Name	AZ	Phase	ID	Time	Res
Code	Station Name	AZ	Op</			

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h m s ISC
SOMM	comp=Z,2.3nm,0.8s,baz=153,slow=9.0,SNR=11				12 47 58.1	
SOMM	comp=Z,3.3nm,19.4s,baz=184,slow=38				12 26 01.9 +0.0	
SOMM	Songino Array 46.46 341 P				12 26 40.8 +0.7	
NSVSV	Nonsavu 53.49 114 P					
NSVSV	comp=Z,6.8nm,0.8s,baz=251,slow=22,SNR=4.4				12 26 40.4 +0.3	
PEAOB	Nonsavu 53.49 114 P				12 26 55.8 +0.1	
PETK	Petrovlovsk-55.75 21 P				12 26 55.8 +0.0	
PETK	comp=Z,1.1nm,0.8s,baz=185,slow=5.0,SNR=19				12 26 56.0 +0.3	
PETK	Petrovlovsk-55.75 21 P				12 27 17.8 +0.3	
MK31	Makanchi Array 58.91 325 P				12 27 19.5	
MKAR	comp=Z,2.5nm,0.7s					
MKAR	Makanchi Array 58.91 325 P				12 27 17.9 -0.2	
MKAR	comp=Z,2.8nm,0.4s,baz=118,slow=8.1,SNR=32				12 27 44.8 +3.1	
MKAR	Makanchi Array 58.91 325 P					
MKAR	comp=Z,2.4nm,0.8s,baz=117,slow=8.3,SNR=3.7				12 27 17.8 -0.4	
YAK	Yakutsk 59.00 1 P				12 27 17.4 -1.0	
MAKZ	Makanchi 59.09 325 P				12 27 19.5 +0.1	
MAKZ	comp=Z,4.3nm,0.6s				12 27 20.2	
KDJ	Kajisay 59.75 318 P				12 27 24.2 0.0	
KDJ	comp=Z,2.8nm,0.6s				12 27 25.5	
LBZ	Lake Benmore 60.34 146 P				12 27 26.7 -1.2	
KNTN	Kanton 60.60 95 P				12 27 30.0 -0.2	
EGOM	Boomsokoy usch 60.73 318 P				12 27 31.6 +0.7	
BKZ	Black Stump Fm 61.18 138 P				12 27 32.4 -1.4	
ZALV	Zalesovo Beam 61.86 333 P				12 27 37.0 -1.0	
ZALV	comp=Z,1.4nm,0.4s,baz=135,slow=7.4,SNR=6.3					
ZALV	Zalesovo Beam 61.86 333 P				12 27 36.6 -1.4	
KK31	Karatay Array 64.64 317 P				12 27 56.4 -0.2	
KKAR	Karatay Array 64.64 317 P				12 27 56.7 0.0	
KKAR	Karatay Array 64.64 317 P				12 27 56.4 -0.2	
KKAR	comp=Z,2.2nm,0.8s				12 27 59.5	
ATKA	Atka Island 68.50 34 P				12 28 20.5 -0.5	
BRVK	Borovyoe 68.73 327 P				12 28 22.4 0.0	
BRVK	comp=Z,5.2nm,0.7s				12 28 49.1	
CASY	Casey 70.15 187 P				12 28 30.7 -0.2	
CASY	comp=Z,1.1nm,1.5s				12 28 38.5 -0.6	
NR1K	Noril'sk 71.51 346 P				12 28 38.5 -0.6	
NR1K	comp=Z,5.6nm,0.7s,baz=124,slow=6.2,SNR=4.4				12 28 39.2	
NR1K	Noril'sk 71.51 346 P				12 28 40.9 -0.3	
NR1K	comp=Z,7.4nm,0.8s					
NIKH	Nikolski High 71.81 35 P				12 28 46.3 +0.5	
SP1A	Saint Paul Is 72.60 30 P				12 28 50.2 -0.5	
UNV	Unalaska Valle 73.43 34 P				12 28 50.4 -0.3	
UNV	comp=Z,2.6nm,1.4s					
UNV	Unalaska Valle 73.43 34 P				12 28 51.1 -0.3	
ABKAR	Abkulk array 73.54 321 P				12 28 50.9 -0.6	
ABKAR	Abkulk array 73.54 321 P				12 29 19.9	
AKUT	Akutun 73.93 34 P				12 28 52.9 -0.7	
ANM	Nome 77.53 24 P				12 29 14.4 +0.4	
CHNA	Chernabura Isl 77.59 34 P				12 29 14.0 -0.5	
N18K	Kilae Creek 80.73 29 P				12 29 31.0 -0.5	
O18K	Koktuh Hills 80.91 30 P				12 29 32.6 +0.1	
SVW2	Sparrowohn 80.95 29 P				12 29 32.6 -0.1	
TTA	Tatalina 81.10 27 P				12 29 33.6 +0.1	
N19K	Bonanza Creek 81.43 29 P				12 29 35.3 +0.1	
L19K	White Mountain 81.49 28 P				12 29 36.0 +0.5	
OHAK	Old Harbor 81.50 33 P				12 29 36.0 +0.4	
OHAK	Old Harbor 81.50 33 P				12 29 35.6 +0.0	
M19K	Big River Lodg 81.65 28 P				12 29 37.2 +0.8	
P19K	Oli Pt 81.87 30 P				12 29 37.9 +0.3	
KDAK	Kodiak Island 81.95 32 P				12 29 37.7 -0.3	
KDAK	comp=Z,8.8nm,1.0s				12 29 39.9	
KDAK	Kodiak Island 81.95 32 P				12 29 38.1 +0.1	
K20K	Telida 82.04 26 P				12 29 38.7 +0.3	
J20K	Novinta River 82.14 26 P				12 29 39.5 +0.6	
O20K	Slope Mountain 82.23 30 P				12 29 39.9 +0.4	
M20K	Styx River 82.24 28 P				12 29 39.6 0.0	
VNDA	Vanda 82.47 173 P				12 29 40.1 -0.2	
VNDA	comp=Z,2.0nm,0.8s,baz=318,slow=6.6,SNR=16				12 29 39.4 -0.9	
IMAR	Indian Mountai 82.61 24 P				12 29 41.8 +0.5	
A21K	Barrow 82.62 18 P				12 29 42.4 +1.2	
HOM	Homer 82.67 30 P				12 29 41.3 -0.4	
PPLA	Purkeypile 82.82 27 P				12 29 42.2 -0.4	
PPLA	comp=Z,1.5nm,1.4s				12 29 42.4 -0.3	
PPLA	Purkeypile 82.82 27 P				12 29 42.7 -0.1	
CNPM	China Poot 82.86 30 P				12 29 42.8	
CNPM	comp=Z,8.2nm,0.9s				12 29 43.0 +0.2	
CHUM	Lake Minchumin 82.89 26 P				12 29 43.0 +0.2	
SKT	Skwentna 83.00 28 P				12 29 42.8 -0.6	
SKT	comp=Z,7.1nm,0.8s				12 29 43.3	
SKT	Skwentna 83.00 28 P				12 29 42.6 -0.9	
I21K	Tanana 83.22 25 P				12 29 45.1 +0.7	
SUA	Susitna One 83.25 29 P				12 29 44.3 -0.9	
MAW	Mawson 83.40 200 P				12 29 45.3 +0.1	
BPJW	Bear Paw Mtn 83.50 26 P				12 29 46.3 +0.3	
BPJW	Bear Paw Mtn 83.50 26 P				12 29 46.1 +0.1	
O22K	Cooper Landing 83.71 30 P				12 29 46.3 -0.7	
MLY	Manley 83.72 25 P				12 29 47.1 0.0	
MLY	comp=Z,5.4nm,0.8s				12 29 47.1 0.0	
MLY	Manley 83.72 25 P				12 29 47.1 0.0	
RC01	Rabbit Creek A 83.76 29 P				12 29 46.6 -0.7	
SEW	Seward 83.81 30 P				12 29 47.2 -0.3	
PMR	Palmer 84.10 28 P				12 29 48.0 -1.0	
PMR	comp=Z,9.8nm,0.9s				12 29 48.4 -0.6	
POLR	Palmer 84.10 28 P				12 29 49.7 +0.4	
COLD	Coldfoot 84.19 23 P				12 29 50.9	
COLD	comp=Z,8.3nm,0.7s				12 29 49.8 +0.4	
GHO	Coldfoot 84.19 23 P				12 29 49.8 +0.1	
GHO	comp=Z,1.1nm,1.1s				12 29 55.1	
H23K	Yukon River 84.30 24 P				12 29 50.4 +0.3	
I23K	Minto, Yukon-K 84.31 25 P				12 29 50.6 +0.6	
I23K	comp=Z,6.4nm,0.8s				12 29 51.1	
I23K	Minto, Yukon-K 84.31 25 P				12 29 49.9 -0.1	
MCK	McKinley 84.37 26 P				12 29 49.7 -0.7	
RND	Reindeer 84.38 27 P				12 29 49.8 -0.7	
RND	comp=Z,2.6nm,0.7s				12 29 50.3	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Op	ISC	h m s ISC
NEA2	Nenana 84.39 25 P				12 29 50.9 +0.5	
NEA2	Nenana 84.39 25 P				12 29 50.0 -0.4	
KNK	Knik Glacier 84.41 29 P				12 29 50.2 -0.4	
KNK	Knik Glacier 84.41 29 P				12 29 50.1 -0.4	
WAT1	Susitna Watana 84.47 27 P				12 29 50.3 -0.6	
SML	Sawmill 84.49 28 P				12 29 50.9 -0.3	
SML	Sawmill 84.49 28 P				12 29 50.8 -0.3	
TOLK	Toolik Lake Re 84.58 21 P				12 29 51.7 +0.3	
TOLK	comp=Z,6.3nm,0.9s				12 29 53.3	
TOLK	Toolik Lake Re 84.58 21 P				12 29 51.7 +0.3	
MDM	Murphy Dome 84.77 25 P				12 29 53.1 +0.7	
WAT6	Susitna Watana 84.82 28 P				12 29 52.7 -0.1	
CCB	Clear Creek Bu 84.93 25 P				12 29 51.5 -1.6	
SCM	Sheep Creek Mo 84.97 28 P				12 29 54.1 +0.6	
SCM	comp=Z,1.1nm,0.8s				12 29 54.8	
H24K	Noodor Dome 84.99 24 P				12 29 53.5 0.0	
GLI	Glacier Island 85.03 29 P				12 29 53.4 -0.3	
POKR	Poker Plat Res 85.12 25 P				12 29 53.6 -0.6	
ILAR	Eielson Array 85.33 25 P				12 29 53.5 -1.6	
Q23K	Middleton Is 85.34 31 P				12 29 54.3 -0.9	
M24K	Tolsona, Glenn 85.53 28 P				12 29 56.2 0.0	
KLH	Klutina 85.62 29 P				12 29 56.6 -0.2	
BMRM	Bremner River 86.25 29 P				12 29 59.4 -0.4	
N25K	Chitina, Valde 86.26 29 P				12 29 59.6 -0.3	
N25K	comp=Z,6.5nm,1.2s				12 29 00.3	
N25K	Chitina, Valde 86.26 29 P				12 29 59.4 -0.5	
KAIM	Kayak Island 86.33 30 P				12 29 59.9 -0.3	
BMAR	Burnt Mountain 86.37 23 P				12 30 00.7 +0.4	
SCRK	Sand Creek 86.57 26 P				12 30 00.2 -1.3	
L26K	Log Cabin Wild 86.85 27 P				12 30 02.0 -0.7	
K27K	Chicken 87.41 26 P				12 30 05.2 -0.2	
K27K	comp=Z,3.7nm,0.9s				12 30 06.5	
K27K	Chicken 87.41 26 P				12 30 05.7 +0.4	
L27K	Beaver Creek, 87.55 27 P				12 30 05.8 -0.2	
L27K	Beaver Creek, 87.55 27 P				12 30 05.9 -0.2	
BCAR	Beaver Creek A 87.57 27 P				12 30 06.5 +0.4	
EGAK	Eagle 87.79 25 P				12 30 06.3 -0.8	
EGAK	Eagle 87.79 25 P				12 30 06.5 -0.6	
DAWY	Dawson 88.59 26 P				12 30 10.8 -0.2	
DAWY	comp=Z,4.0nm,1.1s				12 30 11.3	
EPYK	Eagle Plains 89.52 24 P				12 30 14.8 -0.4	
EPYK	comp=Z,4.9nm,1.2s				12 30 22.7	
ARCES	ARCCESS Array B 91.63 340 P				12 30 23.1 -1.9	
ARCES	comp=Z,2.0nm,0.8s,baz=93,slow=7.3,SNR=6.5				12 30 23.2 -1.8	
ARCES	ARCCESS Array B 91.63 340 P				12 30 23.9	
QSPA	South Pole Qui 92.82 180 P				12 30 30.3 -0.3	
QSPA	comp=Z,2.8nm,1.1s				12 30 30.5 -1.5	
FINES	FINESS Array B 93.12 332 P				12 30 31.1 -0.9	
FINES	comp=Z,0.5nm,0.5s,baz=4,slow=4.6,SNR=6.7				12 30 31.2 -0.9	
FINES	FINESS Array B 93.12 332 P				12 30 31.1 -0.9	
TXAR	Lajitas Array 121.15 53 PKP				12 36 11.2 -0.2	
TXAR	comp=Z,0.5nm,0.7s,baz=0.9,slow=1.7,SNR=7.1				12 36 10.6 -0.8	
TXAR	Lajitas Array 121.15 53 PKP					

NEIC 17 12:35:06.5:0.3,

KOTS	Kotyrbulak	0.71	259	P	Pg	13 48 06.1	-0.6
KOTS	487nm,0.1s			S	Sg	13 48 15.6	-0.4
MDOK	Medeo	0.78	254	U	Pg	13 48 06.9	-1.0
MDOK	baz=53			U	Sg	13 48 17.0	-1.0
MDOK	Medeo	0.78	254	U	Pg	13 48 06.8	-1.0
MDOK	18nm,0.1s			eP	Sg	13 48 17.0	-1.0
MDOK	134nm,0.2s	0.78	254	U	Pg	13 48 06.8	-1.1
MDOK	Medeo			U	Sg	13 48 17.0	-1.0
MDOK	8.5nm,0.3s			U	Sg	13 48 17.0	-1.0
MDOK	60nm,0.6s	0.78	254	Pg	Pg	13 48 06.9	-1.1
MDOK	Medeo			Lg	Lg	13 48 17.0	
MDOK	134nm,0.2s	0.82	259	U	Pg	13 48 08.1	-0.6
KNDC	Almaty			U	Sg	13 48 19.5	+0.1
KNDC	26nm,0.3s			U	Sg	13 48 19.5	+0.1
ARXS	Arharly	0.85	348	eP	Pg	13 48 08.3	-1.1
ARXS	39nm,0.1s			eS	Sg	13 48 19.4	-1.0
ARXS	Arharly	0.85	348	P	Pg	13 48 08.3	-1.1
ARXS	39nm,0.1s			S	Sg	13 48 19.5	-1.0
AAA	Alma-Ata	0.86	259	eP	Pg	13 48 09.0	-0.5
AAA	baz=58			eS	Sg	13 48 20.7	0.0
AAA	Alma-Ata	0.86	259	eP	Pg	13 48 09.0	-0.5
AAA	190nm,0.1s			eS	Sg	13 48 20.7	0.0
AAA	132nm,0.1s	0.86	259	P	Pg	13 48 09.0	-0.5
AAA	Alma-Ata			S	Sg	13 48 20.7	0.0
AAA	190nm,0.1s			S	Sg	13 48 20.7	0.0
TNSS	Tian-Shan	0.89	248	P	Pg	13 48 08.5	-1.6
TNSS	10nm,0.1s			S	Sg	13 48 20.0	-1.6
CHKK	Chushkaly	0.92	302	U	Pg	13 48 09.2	-1.4
CHKK	baz=1.0			U	Sg	13 48 21.2	-1.3
CHKK	Chushkaly	0.92	302	U	Pg	13 48 09.2	-1.4
CHKK	30nm,0.2s			eS	Sg	13 48 21.2	-1.3
CHKK	Chushkaly	0.92	302	P	Pg	13 48 09.2	-1.4
CHKK	30nm,0.2s			S	Sg	13 48 21.2	-1.3
PRZ	Przheval'sk	0.93	165	U	Pg	13 48 09.7	-1.1
PRZ	baz=65			U	Sg	13 48 22.4	-0.5
PDGK	Podgornoye	1.04	92	P	Sg	13 48 11.4	-1.6
PDGK	20nm,0.2s			S	Sg	13 48 24.7	-1.6
PDGK	Podgornoye	1.04	92	U	Pg	13 48 11.2	-1.7
PDGK	8.9nm,0.3s			U	Sg	13 48 11.2	-1.7
PDGK	35nm,0.3s			U	Sg	13 48 24.8	-1.6
KTBS	Karatobe	1.06	289	U	Pg	13 48 12.0	-1.4
KTBS	baz=88			U	Sg	13 48 25.9	-1.3
KTBS	Karatobe	1.06	289	U	Pg	13 48 12.0	-1.4
KTBS	66nm,0.1s			eS	Sg	13 48 25.8	-1.3
KTBS	333nm,0.2s	1.06	289	P	Pg	13 48 12.0	-1.4
KTBS	Karatobe			S	Sg	13 48 25.8	-1.3
KTBS	66nm,0.1s			S	Sg	13 48 12.8	-1.8
IZV	Izvestkoviy	1.12	253	U	Pb	13 48 27.6	-1.3
IZV	baz=52			U	Sg	13 48 12.8	-1.8
IZV	Izvestkoviy	1.12	253	U	Pb	13 48 27.6	-1.3
IZV	66nm,0.1s			eS	Sg	13 48 27.6	-1.3
IZV	Izvestkoviy	1.12	253	P	Pb	13 48 12.8	-1.8
IZV	66nm,0.1s			S	Sg	13 48 27.6	-1.3
KUU	Kurty	1.36	293	eP	Pn	13 48 16.9	-1.2
KUU	baz=92			eS	Sb	13 48 34.2	-1.8
KUU	Kurty	1.36	293	eP	Pn	13 48 16.9	-1.2
KUU	24nm,0.1s			eS	Sb	13 48 34.2	-1.8
KUU	Kurty	1.36	293	P	Pn	13 48 16.9	-1.2
KUU	24nm,0.1s			S	Sb	13 48 34.2	-1.8
KUU	Kurty	1.36	293	P	Pn	13 48 16.9	-1.2
KUU	24nm,0.1s			S	Sb	13 48 34.2	-1.8
KDJ	Kajisay	1.41	208	U	Pn	13 48 18.5	-0.5
KDJ	baz=7.0			U	Sb	13 48 37.0	-0.7
KDJ	Kajisay	1.41	208	U	Pn	13 48 18.5	-0.5
KDJ	7.0nm,0.4s			eS	Sg	13 48 37.0	-0.7
DJR	Jarkent	1.57	52	eP	Pn	13 48 21.1	0.0
DJR	3.2nm,0.2s			eS	Sn	13 48 41.4	-0.2
DJR	Jarkent	1.57	52	P	Pn	13 48 21.1	0.0
DJR	3.2nm,0.2s			S	Pn	13 48 41.4	-0.2
KST	Kastek	1.57	258	eP	Pn	13 48 20.9	-0.3
KST	baz=58			eS	Sn	13 48 41.5	-0.3
KST	Kastek	1.57	258	eP	Pn	13 48 20.9	-0.3
KST	31nm,0.5s			eS	Sn	13 48 41.5	-0.3
KST	Kastek	1.57	258	P	Pn	13 48 20.9	-0.3
KST	31nm,0.5s			S	Pn	13 48 41.5	-0.3
TARG	Taragay, Kyrgy	1.66	187	U	Pn	13 48 22.9	+0.3
TARG	baz=87			U	Sn	13 48 44.8	+0.5
KTMS	Ketmen	1.67	87	eP	Pn	13 48 21.9	-0.6
KTMS	baz=87			eS	Sn	13 48 43.3	-0.8
KTMS	Ketmen	1.67	87	eP	Pn	13 48 21.9	-0.6
KTMS	30nm,0.2s			eS	Sn	13 48 43.2	-0.8
KTMS	Ketmen	1.67	87	P	Pn	13 48 21.9	-0.6
KTMS	30nm,0.2s			S	Pn	13 48 43.2	-0.8
KTMS	Ketmen	1.67	87	P	Pn	13 48 21.9	-0.6
KTMS	30nm,0.2s			S	Pn	13 48 43.2	-0.8
DGS	Degeres	1.68	266	eP	Pn	13 48 22.9	+0.3
DGS	baz=66			eS	Sn	13 48 44.6	+0.2
DGS	Degeres	1.68	266	eP	Pn	13 48 22.9	+0.3
DGS	55nm,0.2s			eS	Sn	13 48 44.6	+0.2
DGS	Degeres	1.68	266	P	Pn	13 48 22.9	+0.3
DGS	55nm,0.2s			S	Pn	13 48 44.6	+0.2
DGS	Degeres	1.68	266	P	Pn	13 48 22.9	+0.3
DGS	55nm,0.2s			S	Pn	13 48 44.6	+0.2
ULHL	Ulahol	1.76	230	U	Pn	13 48 24.1	+0.3
ULHL	baz=30			U	Sb	13 48 47.2	+0.8
ULHL	Ulahol	1.76	230	P	Pn	13 48 24.1	+0.3
ULHL	SNR=14			eS	Sb	13 48 47.2	+0.8
KRBS	Karabastau	1.77	281	eP	Pn	13 48 23.9	+0.1

KRBS	baz=81			eS	Sn	13 48 46.8	+0.4
KRBS	Karabastau	1.77	281	eP	Pn	13 48 23.9	+0.1
KRBS	63nm,0.2s			eS	Sn	13 48 46.9	+0.4
KRBS	Karabastau	1.77	281	P	Pn	13 48 23.9	+0.1
KRBS	63nm,0.2s			S	Pn	13 48 46.8	+0.4
BOOM	Boomskoeye usch	1.80	241	U	Pn	13 48 24.7	+0.4
BOOM	baz=41			U	Sn	13 48 48.0	+0.7
TKM2	Tokmak 2	1.86	257	U	Pn	13 48 25.8	+0.5
TKM2	baz=56			U	Sn	13 48 50.2	+1.2
TKM2	Tokmak 2	1.86	257	P	Pn	13 48 25.7	+0.4
TKM2	SNR=48			P	Pn	13 48 25.8	+0.5
TKM2	Tokmak 2	1.86	257	U	Pn	13 48 25.7	+0.4
TKM2	10nm,0.3s			U	Sn	13 48 50.3	+1.2
KAPS	Kapalarasan	2.12	25	eP	Pn	13 48 31.2	+2.5
KAPS	0.5nm,0.1s			eS	Pn	13 48 58.6	+3.5
KAPS	Kapalarasan	2.12	25	Pg	Pn	13 48 31.2	+2.5
KAPS	0.5nm,0.1s			Lg	Lg	13 48 58.6	
KBK	Karagaybulak	2.40	254	U	Pn	13 48 32.8	+0.2
KBK	baz=53			U	Sn	13 49 01.8	-0.4
KBK	Karagaybulak	2.40	254	P	Pn	13 48 35.1	+2.5
KZA	Kyzart	2.45	239	eP	Pn	13 48 33.6	+0.1
KZA	baz=39			U	Sn	13 49 03.4	-0.3
KZA	Kyzart	2.45	239	P	Pn	13 48 36.8	+3.3
CHMS	Chumyshy	2.46	262	U	Pn	13 48 34.0	+0.8
CHMS	baz=62			U	Sn	13 49 04.0	+0.7
CHMS	Chumyshy	2.46	262	P	Sg	13 49 08.4	-3.4
CHMS	SNR=7.2			U	Sn	13 48 38.0	+4.1
SGDS	Sogindiy	2.51	273	Pg	Pn	13 49 10.2	
SGDS	5.2nm,0.1s			Lg	Lg	13 49 10.2	
USP	Ospenovka	2.61	269	U	Pn	13 48 36.4	+1.1
USP	baz=68			U	Sn	13 49 07.8	+0.7
USP	Ospenovka	2.61	269	P	Pn	13 48 38.0	+2.7
USP	SNR=7.6			P	Pn	13 48 40.7	+3.7
AAK	Ala-Archa	2.72	255	P	Pn	13 48 40.7	+3.7
AAK	SNR=5.5			U	Pg	13 48 40.4	+3.4
AAK	Ala-Archa	2.72	255	U	Pg	13 48 40.7	+3.7
AAK	2.6nm,0.3s			U	Lg	13 49 19.3	
UCH	Uchtor	2.86	247	U	Pn	13 48 39.8	+0.7
UCH	baz=47			U	Sn	13 49 14.0	+0.1
UCH	Uchtor	2.86	247	P	Pn	13 48 42.0	+2.9
UCH	SNR=17			P	Pn	13 48 43.9	+1.0
ARLS	Aral	3.15	243	U	Pn	13 49 21.2	+0.5
ARLS	baz=42			U	Sn	13 48 44.8	+0.9
EKS2	Erkin-Say	3.23	259	eP	Pn	13 49 22.5	0.0
EKS2	baz=58			U	Sb	13 48 52.8	+2.3
EKS2	Erkin-Say	3.23	259	P	Pb	13 48 52.8	+2.3
EKS2	SNR=12			U	Pn	13 48 48.2	+0.9
AML	Almayashy	3.45	250	U	Pn	13 49 28.8	+0.3
AML	baz=50			U	Sn	13 48 57.7	+0.8
MRKS	Merke	3.60	262	eP	Pb	13 48 57.7	+0.8
MRKS	8.1nm,0.4s			eS	Sb	13 48 57.7	+0.8
MRKS	Merke	3.60	262	Pg	Pb	13 49 43.6	
MRKS	8.1nm,0.4s			Lg	Lg	13 49 13.0	+2.5
MAKZ	Makanchi	4.41	38	U	Pb	13 50 12.3	
MAKZ	16nm,0.2s			U	Lg	13 49 02.4	+0.6
MAKZ	Makanchi	4.41	38	U	Pb	13 49 14.1	+1.4
MAKZ	2.1nm,0.8s			U	Pb	13 50 14.8	
MAKZ	3.2nm,0.5s			U	Pb	13 49 33.5	+3.9
MK31	Makanchi Array	4.54	40	U	Pn	13 49 02.1	+1.4
MK31	baz=213,slow=14,SNR=9.1			U	Pb	13 50 47.9	
MK31	0.3nm,0.3s,slow=220,slow=15,SNR=4.5			U	Lg	13 49 14.1	+1.4
MK31	3.1nm,0.6s,slow=218,slow=28,SNR=1.4			U	Lg	13 50 14.8	
KK31	Karabay Array	5.53	270	U	Pg	13 49 33.5	+3.9
KK31	0.7nm,0.4s,slow=78,slow=18,SNR=8.6			U	Lg	13 50 47.9	
KK31	0.8nm,0.3s,slow=78,slow=31,SNR=7.3			U	Lg	13 49 43.2	+4.7
IUG	Iuzhnyy	6.04	261	eP	Sg	13 51 02.4	-4.4
IUG	152nm,0.4s			eS	Sg	13 49 43.2	+4.7
IUG	Iuzhnyy	6.04	261	Pg	Pb	13 49 43.2	+4.7
IUG	152nm,0.4s			Lg	Lg	13 51 02.4	
IUG	Iuzhnyy	6.04	261	Pg	Pb	13 49 43.2	+4.7
IUG	152nm,0.4s			Lg	Lg	13 51 02.4	
KURBS	Kurchatov Arra	7.25	2	U	Lg	13 51 46.7	
KURBS	7.9nm,0.6s			U	Lg	13 51 46.7	

ETLH	baz=275			eS	Sb	13 49 45.1	+0.7
ESL	Shilin	0.97	263	eP	Pn	13 49 33.9	+1.1
ESL	baz=254			eS	Pb	13 49 44.7	-0.1
EGFH	Guangfu	1.01	254	eP	Pn	13 49 34.8	+1.6
EGFH	baz=244			S	Sb	13 49 46.1	+0.2
HGSD							

ANP	baz=259	1.52 325	S	Sn	13 49 59.1 -0.4
ANST	baz=335	1.52 297	P	Pb	13 49 41.8 0.0
NSST	Nanjuang baz=295	1.50 01.3 +0.8	eS	Sb	13 49 01.3 +0.8
ELDTW	baz=295	1.54 241	P	Pn	13 49 40.9 +0.2
ELDTW	baz=239		S	Sn	13 49 59.1 -1.1
ELDTW	baz=239		S	Sn	13 49 59.1 -1.1
TWY	Chenhua baz=328	1.55 329	eP	Sb	13 49 44.1 +1.8
TWY	baz=328		eS	Pb	13 50 01.7 +0.2
LDUT	Ludao baz=215	1.57 217	P	Pn	13 49 40.6 -0.4
LDUT	baz=215		eS	Sn	13 49 58.1 -2.7
JJJ	Ishigaki jima	1.57 74	P	Sb	13 49 42.7 0.0
JJJ	ALS	1.60 255	P	Pn	13 49 42.5 +0.3
ALS	Alishan baz=253	1.60 255	P	Pn	13 49 42.5 +0.3
ALS	baz=253		S	Sn	13 50 01.9 +0.1
WJS	Zhushan baz=264	1.61 266	eP	Pn	13 49 42.4 +0.8
WJS	baz=264		eS	Sb	13 50 06.8 +3.5
TWQ1	Liyutan baz=283	1.61 285	P	Pb	13 49 42.8 -0.7
TWQ1	baz=283		eS	Sn	13 50 02.3 +0.5
LONT	Longtian baz=241	1.62 231	P	Pn	13 49 41.9 +0.2
LONT	baz=241		S	Sn	13 50 01.6 -0.3
WWF	Wufeng baz=283	1.64 274	eS	Sb	13 50 04.1 +0.1
WNT	Mingjian baz=266	1.65 268	P	Pb	13 49 43.1 -0.8
WNT	baz=266		S	Sn	13 50 04.5 +0.1
WNT1	Nantou City baz=267	1.65 269	eP	Pn	13 49 42.6 +0.5
WNT1	baz=267		eS	Sn	13 50 03.5 +0.8
CHNS	Tsauling baz=250	1.69 259	eP	Pn	13 49 43.4 +0.6
CHNS	baz=250		S	Sn	13 50 04.5 +0.6
TWGBT	Beinan baz=239	1.71 229	P	Pn	13 49 43.2 +0.3
TWGBT	baz=239		eS	Sn	13 50 01.6 -2.5
TWG	Pinlang baz=239	1.71 230	P	Pn	13 49 42.8 -0.2
TWG	baz=239		eS	Sn	13 50 01.9 -2.3
PCYT	Pengchayiu baz=346	1.72 347	P	S	13 49 43.5 +0.5
PCYT	baz=346		S	Sn	13 50 04.2 -0.2
STYH	Taoyuan baz=236	1.75 244	P	Pb	13 49 44.9 -0.8
STYH	baz=236		eS	Sb	13 50 06.8 -0.4
JISG	Ishigakijimahi	1.79 69	P	Pb	13 49 45.2 -1.1
JISG	baz=290		eS	Sb	13 50 07.3 -1.0
WDLH	Douliu baz=260	1.80 262	eP	Sb	13 49 46.8 +0.3
WDLH	baz=260		eS	Sb	13 50 09.7 +1.0
TPUB	Ta-pu baz=248	1.82 250	eP	Pb	13 49 46.8 -0.1
TPUB	baz=248		eS	Sb	13 50 10.6 +1.4
CHN4	Tsashan baz=250	1.83 252	eP	Pb	13 49 47.8 +0.7
CHN4	baz=250		eS	Sb	13 50 10.6 +1.0
WTP	Ta-pu baz=246	1.85 248	P	Pb	13 49 47.0 -0.5
WTP	baz=246		S	Sb	13 50 09.9 -0.4
WRL	Guolierin Hig baz=280	1.93 269	P	Pn	13 49 47.0 +1.1
WRL	baz=280		eS	Sn	13 50 09.1 -0.5
SLGT	Liugui baz=233	1.94 241	P	Pn	13 49 47.4 +1.4
SLGT	baz=233		S	Sn	13 50 11.2 +1.5
WTK	Tuku baz=261	1.94 263	P	Pn	13 49 47.4 +1.4
WTK	baz=261		eS	Sb	13 50 13.0 +0.4
ECL	Taimali baz=234	1.94 227	eP	Pn	13 49 47.4 +1.3
ECL	baz=234		S	Sn	13 50 08.7 -1.2
CHN1	Nanshi baz=246	1.95 248	P	Pb	13 49 49.0 -0.1
CHN1	baz=246		S	Sb	13 50 13.0 0.0
VCNR	Hsinying baz=248	1.95 250	P	Pb	13 49 48.8 -0.4
TWK	baz=248		eS	Sb	13 50 13.2 +0.1
WTCT	Ta-ch'eng baz=280	2.02 268	eP	Pn	13 49 46.6 -0.5
WTCT	baz=280		eS	Sn	13 50 11.6 -0.1
SSD	Sandimen baz=230	2.08 235	P	Pn	13 49 49.0 +1.0
SSD	baz=230		S	Sn	13 50 13.7 +0.5
LAY	Lan-yu baz=203	2.08 205	eP	Pb	13 49 49.9 -1.5
LAY	baz=203		eS	Sn	13 50 13.1 -0.3
TSMG	Majia baz=229	2.09 234	P	Pn	13 49 49.7 +1.6
TSMG	baz=229		S	Sn	13 50 13.9 +0.3
WSF	Szhu baz=260	2.09 262	eP	Pb	13 49 51.5 -0.1
WSF	baz=260		S	Sb	13 50 16.4 -0.7
SCST	Cishan baz=229	2.11 240	P	Pb	13 49 51.7 -0.2
SCST	baz=229		eS	Sb	13 50 18.8 +1.2
JTJ	Tarama	2.14 71	P	Pb	13 49 51.8 -0.6
JTJ	baz=228	2.16 232	eP	Sb	13 50 18.3 -0.2
MASBT	Mashbuluo baz=228	2.16 232	eP	Sb	13 49 50.1 +1.1
MASBT	baz=228		eS	Sb	13 50 18.0 -1.0
SLIU	Shizi baz=212	2.32 222	P	Pn	13 49 51.9 +0.6
SLIU	baz=212		eS	Sn	13 50 18.2 -1.0
SCZT	Fangliu baz=221	2.32 228	eP	Pb	13 49 54.2 -1.3
SCZT	baz=221		eS	Sn	13 50 21.3 +2.0
TWKB	Hengchun baz=216	2.52 218	P	Pn	13 49 54.8 +0.7
TWKB	baz=216		S	Sn	13 50 23.8 -0.3
PHUB	Peng-hu baz=273	2.70 261	P	Pn	13 49 57.3 +0.7
PHUB	baz=273		S	Sn	13 50 28.1 -0.6
PNG	Penghu baz=275	2.71 263	P	Pn	13 49 57.5 +0.8
PNG	baz=275		S	Sn	13 50 28.6 -0.2
VVUC	VVUC baz=291	2.96 291	eP	Pn	13 50 26.0 -0.2
VVUC	baz=291		eP	Pn	13 50 03.3 -0.8
PTMZ	Houxiangsan baz=290	3.25 290	eP	Pn	13 50 09.3 0.0
PTMZ	baz=290		eP	Pn	13 50 09.3 0.0
XPSS	Dashiqiu baz=334	3.63 326	eP	Pn	13 50 53.0 -2.1
XPSS	baz=334		eS	Pn	13 50 53.0 -2.1
KHMB	Chin-men Tao baz=278	3.78 279	eS	Pn	13 50 53.0 -2.1

ANF 17 13:49:15.2±1.2, 3.772N:122°44'W, h2km, 7km, ML4, 1/16, Error ellipse: s-maj=8.6km s-min=2.6km az=62.0

IDC 17 13:49:16.8±1.4, 3.779N:122°19'W, h0km, mb3.5/1, mb1 3.77, mb1mx3.5/4.6, mbtpr3.4/7, ML3.5/6, MS3.2/15, Ms1 3.2/15, ms1mx3.1/3.1, Error ellipse: s-maj=16.7km s-min=10.0km az=50.0

NCEDC 17 13:49:17.3±1.8, 3.784N:0.01±122°23'W, 0.01, h5km, 2km, Mw4.0/9, mb4.4/9(NEIC), ML3.8/74(NEIC), Error ellipse: s-maj=1.7km s-min=1.6km az=140.0

NEIC 17 13:49:17.3, 3.784N:122°23'W, h5km, Moment Tensor Solution, Moment tensor: Sca1e 1015Nm; Mw:0.0; Mw-1:20; Mw-1:20; Mw-0:16; Mw-0:36; Mw-0:13; Fault plane: Mo:1.270000±1015 NP1:φ=233.28000°, δ89.51000°, λ9.47000°. NP2:φ=143.20000°, δ80.53000°, λ179.50000°. Principal axes: T 1.2731, Plg7.0000°. Azm99.0000°; N -0.0023, Plg81.0000°. Azm236.0000°; P -1.2708, Plg6.0000°. Azm8.0000°;

NEIC 17 13:49:17.5±1.2, 3.784N:0.01±122°26'W, 0.02, h12km, 1km Error ellipse: s-maj=1.9km s-min=1.6km az=83.0

ISC 17 13:49:17.5-0.9, 3.782N:0.02±122°28'W, 0.03, h11km, 5km, n159, e133/158, mb4.5/5, MS3.3/6, Central Catalog

Code	Station Name	Lat	Lon	Phase ID	Time	Res
BRK	Berkeley-Havi	0.05	13	Op	ISC	h m s ISC
BL67	Building 67, L	0.06	18	Pg	13 49 19.6 0.0	
BL88	Building 88, L	0.06	17	Pg	13 49 20.1 +0.3	
VAK	Adit at Lawren	0.06	21	Pg	13 49 19.9 +0.2	
BKS	Berkeley-Syer	0.06	31	Pg	13 49 19.0 0.0	
CMCM	Mills College	0.09	118	Pg	13 49 20.8 +0.8	
RFSB	Richmond Field	0.10	333	Pg	13 49 19.9 -0.3	
SMCB	Saint Mary's C	0.13	83	Pg	13 49 19.6 -1.0	
J061	Lakeshore Driv	0.20	242	Pg	13 49 22.5 +0.8	
C055	Cottolwood Ave	0.22	147	Pg	13 49 19.7 -0.1	
BDM	Black Diamond	0.35	68	Pg	13 49 24.4 -0.1	
JRSC	Jasper Ridge	0.42	176	Pb	13 49 26.2 -0.7	
WENL	Wente Vineyard	0.46	116	Pb	13 49 27.0 -0.6	
CVS	Carment Viney	0.54	345	Pg	13 49 27.8 -0.2	
MCCM	Marconi Conter	0.56	304	Pg	13 49 28.8 +0.1	
FARB	Farion Isitan	0.59	247	Pg	13 49 27.5 -0.1	
SCCB	Santa Clara Co	0.63	148	Pg	13 49 29.8 +0.1	
MHC	Mount Hamilton	0.69	133	Pg	13 49 31.0 0.0	
COSM	Mount Oso	0.78	113	Pg	13 49 32.0 -0.6	
CMMP	Mike's Peak	0.89	121	Pg	13 49 33.9 -0.7	
GHS	Gilroy Hot Spr	0.96	137	Pg	13 49 35.7 -0.6	
FTB	Fort Ross	0.99	315	Pg	13 49 31.5 -0.8	
CMCR	Castle Rock Sp	1.01	340	Pg	13 49 35.5 -1.4	
HCOM	Corn Cob Canyo	1.04	154	Pg	13 49 36.2 -1.2	
MNRC	McLaughlin Min	1.06	353	Pg	13 49 37.0 -1.0	
GDXM	Geysers	1.06	338	Pg	13 49 36.6 -1.4	
GDXM	comp=E, 3um, 0.5s			IAML	13 49 53.9	
GDXM	comp=N, 2um, 0.5s			IAML	13 49 54.9	
HFEM	San Felipe	1.09	140	Pg	13 49 37.3 -1.1	
GSGM	Seigler Mounta	1.10	342	Pb	13 49 37.5 -1.0	
MOBB	Monterey Bay O	1.13	176	Pb	13 49 38.0 -0.9	
GPMM	Pine Mountain	1.15	333	Pg	13 49 38.3 -1.3	
HSFM	Saint Francis	1.18	148	Pb	13 49 38.9 -1.0	
SAO	San Andreas Ge	1.25	148	Pn	13 49 39.0 -1.8	
HOPS	Hopland Field	1.33	332	Pn	13 49 40.3 -1.7	
HOPS	comp=E, 1um, 1.3s			IAML	13 50 09.4	
HOPS	comp=N, 1um, 1.4s			IAML	13 50 17.0	
BLRM	Levi's Ranch	1.41	145	Pn	13 49 41.9 -1.2	
SCZ	Santa Cruz	1.41	150	Pn	13 49 41.2 -1.9	
BJCM	Johnson Can.	1.46	151	Pn	13 49 41.8 -2.0	
SUTB	Sutter Butte	1.46	15	Pn	13 49 40.8 -2.9	
CMB	Columbia Colle	1.51	81	Pn	13 49 42.7 -1.8	
CMB	comp=N, 1um, 0.7s			IAML	13 50 07.9	
AFDM	Forest Hills D	1.52	42	Pn	13 49 42.7 -1.9	
AFDM	comp=E, 2um, 0.8s			IAML	13 50 04.0	
AFDM	comp=N, 890nm, 0.6s			IAML	13 50 06.6	
HAST	Hastings Reser	1.54	158	Pn	13 49 43.1 -1.9	
BSMM	Soledad Missio	1.59	154	Pn	13 49 43.8 -1.8	
GNAM	Navarro Ridge	1.74	323	Pn	13 49 46.3 -1.3	
COV	Croville	1.85	19	Pn	13 49 46.6 -2.3	
GASB	Alder Springs	1.86	349	Pn	13 49 48.6 -0.7	
PMPB	Monarch Peak	1.99	143	Pn	13 49 50.3 -0.9	
PAMP	Alner Peak	2.04	159	Pn	13 49 50.2 -1.7	
RUBR	Rubicon Trail	2.07	53	Pn	13 49 52.1 -0.3	
PDRM	Dominguez Ranc	2.13	134	Pn	13 49 52.6 -0.4	
KBSM	Bel Springs	2.33	334	Pn	13 49 56.7 -0.8	
PKD	Bear Valley Ra	2.38	143	Pn	13 49 54.5 -1.3	
002D	Mt. Diablo Mer	2.38	351	P	13 49 56.5 -0.1	
002D	baz=169, SNR=25					
LTCM	Tuscan Springs	2.38	3	Pn	13 49 57.3 +0.8	
LTCM	comp=N, 1um, 0.3s			IAML	13 49 58.1 -0.3	
PNTR	Pine Nut	2.49	58	Pn	13 49 56.8 -0.9	
RAMR	Ramage Ranch	2.46	152	Pn	13 49 56.5 -1.1	
003E	Paynes Creek	2.50	8	P	13 49 56.9 -1.2	
003E	baz=188, SNR=14					
VCNR	Virginia City	2.53	54	Pn	13 49 58.6 -0.1	
VCNR	comp=E, 775nm, 0.7s			IAML	13 50 40.4	
BEKR	Beckworth	2.53	36	Pn	13 49 58.4 -0.3	
BEKR	comp=N, 288nm, 0.7s			IAML	13 50 36.5	
BEKR	comp=E, 572nm, 0.7s			IAML	13 50 44.0	
MDPB	Devils Postpil	2.54	93	Pn	13 49 59.0 0.0	
MDPB	comp=E, 607nm, 0.8s			IAML	13 50 49.3	
MRDM	Red Cones	2.56	94	Pn	13 49 59.9 +0.6	
MDCM	Deadman Creek	2.56	92	Pn	13 49 59.6 +0.6	
TCHL	Shandon	2.61	144	Pn	13 50 06.6 +0.4	
KMRM	Mail Ridge	2.64	335	Pn	13 50 06.6 +0.4	
KMRM	comp=N, 355nm, 2.1s			IAML	13 51 06.0	
PAGB	Antelope Grade	2.65	141	Pn	13 49 59.0 -1.2	
PAGB	comp=N, 465nm, 0.8s			IAML	13 50 52.3	
PAGB	comp=E, 414nm, 1.0s			IAML	13 50 57.5	
YERR	Yerington	2.65	63	Pn	13 50 00.4 0.0	
THIS	South End of C	2.66	141	Pn	13 49 59.8 -0.6	
TRAM	Private Proper	2.68	142	Pn	13 50 00.0 -0.6	
MDRNC	Doe Ridge	2.73	93	Pn	13 50 03.0 +1.5	
MLAC	Mammoth, Mammo	2.73	93	P	13 50 02.2 +0.7	
MLAC	baz=275, SNR=30					
TSCN	Private Proper	2.75	145	Pn	13 50 00.9 -0.7	
WDC	Whiskeytown Da	2.76	356	Pn	13 49 59.6 -2.1	
KSMH	Slide Mountain	2.79	328	Pn	13 50 01.5 -0.6	
HELL	Hell Peak	2.83	113	Pn	13 50 02.2 -0.4	
PAHR	Pah Rah Range	2.94	49	Pn	13 50 02.8 -1.5	
PAHR	comp=E, 220nm, 0.9s			IAML	13 50 59.3	
PAHR	comp=N, 248nm, 1.0s			IAML	13 51 01.1	
LHV	Little Huntoon	3.01	81	Pn		

SANI	comp=Z,287nm,1.0s	31.26	223	P	P	14 48 53.3	+0.5
GTOI	comp=Z,43nm,1.1s	31.31	231	P	P	14 48 53.6	+0.4
NKL	comp=Z,30nm,1.1s	31.47	353	eP	S	14 48 52.8	-1.5
NKL	comp=E,39nm,1.1s			eS	S	14 54 01.1	-0.3
NKL	comp=N,466nm,0.9s				pmax		
NKL	comp=Z,154nm,0.8s				pmax		
NKL	comp=E,106nm,4.4s				smax		
NKL	comp=N,906nm,2.7s				smax		
NKL	comp=N,785nm,20.0s				MLR		
NKL	comp=N,4um,13.0s				MLR		
NKL	comp=Z,2um,13.0s				MLR		
NLAI	Namlea	31.52	220	P	P	14 48 55.4	+0.4
BJT	Baijiatuu	31.52	312	P	P	14 48 54.5	-0.4
BJT	comp=Z,938nmcomp=Z,50nm,0.7s				pmax		
BJT	comp=Z,33nm,0.8s				MLR		
BJT	comp=Z,3um,20.0s				MLR		
BUI	Baijiatuu	31.52	312	P	P	14 48 54.5	-0.4
BUI	Beijing	31.52	312	P	P	14 48 54.6	-0.3
BUI				S	S	14 54 01.3	-1.2
BJI	comp=Z,48nm,0.8s				pmax		
BJI	comp=Z,810nm,9.2s				LR		
BJI	comp=Z,4um,15.4s				LR		
BJI	comp=Z,2um,16.5s				LR		
BJI	comp=Z,3um,21.5s				LR		
MRSI	Marisa	32.19	232	P	P	14 49 01.4	+0.4
PEAOB	comp=Z,1umcomp=Z,124nm,0.9s				ceP		
PEAOB	comp=Z,54nm,0.8s,baz=194,slow=9,SNR=60	32.23	13	P	P	14 49 02.6	+1.7
PEAOB	Petropavlovsk	32.23	13	P	P	14 49 02.0	+1.1
PETK	comp=Z,95nm,1.0s	32.23	13	P	P	14 49 02.1	+1.2
PETK	Petropavlovsk	32.23	13	P	P	14 49 02.6	+1.7
PETK	comp=Z,54nm,0.8s,baz=194,slow=9,SNR=60			PcP	PcP	14 51 49.3	+0.1
PETK	comp=Z,24nm,0.8s,baz=199,slow=7.4,SNR=7.3			PKIKP	PKIKP	14 59 16.4	-0.6
PETK	comp=Z,2.4nm,0.8s,baz=160,slow=9.5,SNR=4.7			LR	LR	15 05 15.7	
PETK	comp=Z,4um,18.2s,baz=190,slow=4.2				LR		
PETK	Petropavlovsk	32.23	13	P	P	14 49 01.2	+0.3
PET	Petropavlovsk	32.35	14x	iP	S	14 49 03.6	+1.6
PET				eS	S	14 54 15.4	+0.4
PET	comp=Z,127nm,0.9s				pmax		
PET	comp=Z,1um,7.8s				pmax		
PET	comp=Z,900nm,9.6s				pmax		
PET	comp=Z,2um,19.0s				MLR		
PET	comp=Z,3um,18.0s				MLR		
PET	Petropavlovsk	32.35	14	P	P	14 49 02.8	+0.9
PET				IAMB	IAMB	14 49 04.9	
TOLIZ	Toilitoi	32.62	234	P	P	14 49 03.8	-1.0
TOLIZ				IAMB	IAMB	14 49 20.1	
TARA	Tarawa	32.76	125	P	P	14 49 08.4	+2.4
MIDW	Midway	33.08	72	P	P	14 49 08.8	0.0
MIDW				IAMB	IAMB	14 49 24.3	
SAUI	Saumlaki	33.35	208	IAMS_20	IAMS_20	15 01 53.2	
TIY	Taiyuan	33.36	306	eP	P	14 49 12.3	+1.1
TIY				Pn	Pn	14 50 21.3	-0.7
TIY				S	S	14 54 33.5	+2.1
TIY	comp=Z,51nm,1.0s				pmax		
TIY	comp=Z,780nm,5.8s				LR		
TIY	comp=Z,3um,15.0s				LR		
TIY	comp=Z,1um,12.7s				LR		
TIY	comp=Z,3um,15.2s				LR		
MPSI	Mapaga	33.79	234	P	P	14 49 15.4	+0.4
HNR	Honiara	33.81	156	P	P	14 49 14.2	-0.9
HNR	comp=Z,71nm,0.8s				MLR		
HNR	comp=Z,7um,21.0s				MLR		
HNR	Honiara	33.81	156	P	P	14 49 14.2	-0.9
HNR				IAMB	IAMB	14 49 34.7	
HNR	comp=Z,71nm,0.8s				MLR		
HNR	Honiara	33.81	156	IAMS_20	IAMS_20	15 01 51.8	
SPMM	Sapulut	33.90	244	P	P	14 49 17.0	+1.0
ENH	Enshi	34.27	292	P	P	14 49 18.9	-0.2
QIZ	Qiongzong	34.56	272	P	P	14 49 21.3	-0.4
QIZ				PP	Pn	14 50 38.4	+1.3
QIZ				S	S	14 54 49.8	-0.3
QIZ	comp=Z,2um,20.6s				LR		
QIZ	comp=Z,1um,19.6s				LR		
HIA	Hailar	34.60	329	P	P	14 49 21.9	+0.2
HIA	comp=Z,69nm,0.8s				pmax		
HIA	comp=Z,3um,19.0s				MLR		
HIA	Hailar	34.60	329	P	P	14 49 21.9	+0.2
HIA				IAMB	IAMB	14 49 24.3	
ZEZ	Zeya	34.99	340	eP	P	14 49 26.3	+1.3
ZEZ				eS	S	14 50 41.4	
ZEZ				eS	S	14 54 54.3	-1.8
ZEZ	comp=E,70nm,0.9s				pmax		
ZEZ	comp=N,230nm,0.7s				pmax		
ZEZ	comp=Z,380nm,0.7s				pmax		
ZEZ	comp=E,200nm,5.3s				pmax		
ZEZ	comp=N,200nm,3.2s				pmax		
ZEZ	comp=Z,500nm,9.9s				smax		
ZEZ	comp=N,600nm,12.3s				smax		
HHC	Hu-ho-hao-te	35.07	311	eP	P	14 49 26.8	+0.8
HHC				S	S	14 54 55.3	-2.5
HHC	comp=N,160nm,0.9s				pmax		
HHC	comp=N,1um,4.1s				LR		
HHC	comp=N,3um,13.1s				LR		
HHC	comp=N,4um,13.6s				LR		
HHC	comp=N,4um,15.5s				LR		
XAN	Xi'an	35.24	298	P	P	14 49 27.9	+0.5
XAN				PP	PP	14 50 50.3	+2.8
XAN				S	S	14 54 59.4	-1.0
XAN	comp=N,160nm,1.6s				pmax		
XAN	comp=N,1um,6.5s				pmax		
XAN	comp=N,4um,17.2s				LR		
XAN	comp=N,3um,20.1s				LR		

XAN	comp=N,3um,21.1s			LR	LR		
BTO	Baotou	36.08	310	eP	P	14 49 36.4	+1.7
TTYI	Tana Toraja	36.14	230	P	P	14 49 34.5	-0.8
GYA	comp=N,1umcomp=N,81nm,0.8s	36.65	285	uP	P	14 49 40.4	+0.7
GYA	Guiyang			PcP	PcP	14 52 03.3	+0.7
GYA				S	S	14 55 21.0	-1.4
GYA				ScP	ScP	14 55 46.1	-2.5
GYA	comp=N,140nm,0.9s				pmax		
GYA	comp=N,820nm,6.8s				pmax		
GYA	comp=N,2um,19.6s				LR		
GYA	comp=N,2um,20.3s				LR		
GYA	comp=N,3um,20.1s				LR		
BNSI	Bone	36.90	228	P	P	14 49 41.8	0.0
BKB	Balikpapan	37.10	235	P	P	14 49 42.5	-1.0
SMY	Shemya	37.23	28	P	P	14 49 45.5	+1.3
SMY	comp=Z,137nm,0.7s				pmax		
SMY	Shemya	37.23	28	P	P	14 49 45.5	+1.3
SMY	comp=Z,137nm,0.7s			IAMB	IAMB	14 49 47.9	
BKSI	Bulukumba	37.56	227	P	P	14 49 47.2	-0.1
KAPI	Kappang	37.59	228	P	P	14 49 47.3	-0.3
KAPI	comp=Z,10nm,0.4s,baz=122,slow=1.9,SNR=4.6				P	14 49 47.0	-0.6
KAPI	Kappang	37.59	228	P	P	14 49 48.1	+0.5
KAPI	comp=Z,779nmcomp=Z,50nm,1.1s				P	14 49 48.2	+0.2
MA2	Magadan	37.69	3	P	P	14 49 48.3	+0.2
MA2					LR	14 52 05.3	
MA2	comp=Z,150nm,0.8s				pmax		
MA2	comp=Z,2um,18.0s				MLR		
MA2	Magadan	37.69	3	P	P	14 49 48.2	+0.2
MA2				IAMB	IAMB	14 49 51.0	
MA2	comp=Z,150nm,0.8s				P	14 52 05.3	+0.3
MA2				PcP	PcP	14 49 47.9	-1.4
MTN	Manton Dam	37.79	205	P	P	14 49 50.3	
MTN				IAMB	IAMB	14 49 50.3	
BSSI	comp=Z,271nm,1.1s				P	14 49 50.7	+0.3
BSSI	Bau Bau, Buton	37.92	226	P	P	14 49 50.7	+0.3
MKS	Makassar	37.93	228	P	P	14 49 50.7	+0.2
SOEI	comp=Z,82nm,1.1s				P	14 49 52.3	-2.4
SOEI	Soe	38.42	217	P	P	14 50 09.6	
SOEI	comp=Z,88nm,0.7s				IAMB	14 50 09.6	
SOEI	Soe	38.42	217	P	P	14 49 53.4	-1.3
SOEI	comp=Z,1umcomp=Z,118nm,0.7s				P	14 49 55.3	+0.3
SOEI	Muara Teweh, K	38.45	238	P	P	14 49 55.3	+0.3
SBUM	Sibu	38.67	245	P	P	14 49 58.0	+1.2
MMRI	Maumere	38.71	221	P	P	14 49 56.1	-0.9
AMKA	Amchitka	38.77	33	P	P	14 49 58.6	+1.5
BATI	Baumata	39.13	218	P	P	14 49 58.5	-2.1
BATI	comp=Z,94nm,0.8s,baz=47,slow=1.2,SNR=14				LR	15 05 43.6	
BATI	comp=Z,1um,21.0s,baz=78,slow=36				P	14 49 59.5	-1.1
BATI	Baumata	39.13	218	P	P	14 49 59.2	-1.5
EDFI	Ende, Flores	39.13	221	P	P	14 49 59.2	-1.5
EDFI	comp=Z,641nmcomp=Z,34nm,0.5s				P	14 50 02.0	+0.5
CD2	Chengdu	39.24	292	uP	P	14 50 06.3	+0.1
CD2				pP	sP	14 51 36.0	+4.5
CD2				PP	PP	14 51 01.8	+0.4
CD2				S	S	14 51 01.8	+0.4
CD2	comp=Z,790nm,0.9s				pmax		
CD2	comp=Z,1um,7.2s				LR		
CD2	comp=Z,6um,15.5s				LR		
CD2	comp=Z,5um,17.7s				LR		
CD2	comp=Z,6um,16.5s				LR		
CIT	Chita	39.39	328	eP	P	14 50 04.4	+2.0
CIT				eS	S	14 52 11.9	
CIT				eS	S	14 56 05.8	+2.7
CIT				pmax	pmax		
PKKI	Palangkaraya	39.98	237	P	P	14 50 21.6	+1.4
BBKI	Banjur Baru	40.09	235	P	P	14 50 08.3	-0.3
BBKI	comp=Z,1umcomp=Z,48nm,1.3s				P	14 50 11.6	+1.4
KMI	Kunming	40.26	283	uP	P	14 50 17.3	+5.4
KMI				PP	PP	14 51 46.5	+3.6
KMI				S	S	14 56 12.8	-4.3
KMI				SS	SS	14 59 01.0	-1.5
KMI	comp=Z,140nm,1.2s				pmax		
KMI	comp=Z,880nm,4.4s				pmax		
KMI	comp=Z,1um,13.4s				LR		
KMI	comp=Z,1um,14.5s				LR		
KMI	comp=Z,2um,16.9s				LR		
STKI	Sintang	40.61	242	P	P	14 50 13.3	+0.4
ULN	Ulaanbaatar	40.85	319	P	P	14 50 16.1	+1.4
ULN	comp=Z,201nm,0.9s				pmax		
ULN	comp=Z,2um,20.0s				MLR		
ULN	Ulaanbaatar	40.85	319	P	P	14 50 16.1	+1.4
ULN				IAMB	IAMB	14 50 17.9	
ULN	comp=Z,201nm,0.9s				P	14 50 16.4	+1.7
ULN	Ulaanbaatar	40.85	319	P	P	14 50 16.4	+1.7
ULN				P	P	14 50 16.5	+1.7
ULN	Ulaanbaatar	40.85	319	P	P	14 50 16.5	+1.7
ULN	comp=Z,1umcomp=Z,18umcomp=Z,1um,1.0s				P	14 50 15.2	+0.6
KIWB	Kanaga Island	40.86	34	P	P	14 50 17.2	+1.3
NONG	Nongkai	40.97	273	P	P	14 50 17.0	+1.1
NONG	comp=Z,4umcomp=Z,165nm,1.1s				P	14 50 17.0	+1.1

Table with columns: ID, Name, Time, Az, El, SNR, and other parameters. Includes entries like CM01 Chiang Mai Arr, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: ID, Name, Time, Az, El, SNR, and other parameters. Includes entries like KOHI, AKUT, ONTNC, etc.

Table with columns: ID, Name, Time, Az, El, SNR, and other parameters. Includes entries like WMQ, KHLU, KHALU, etc.

MKAR	comp=Z,1.3nm,0.9s,baz=126,slow=6.2,SNR=3.5	S	S	15 00 11.6 +0.7	
MKAR	comp=Z,2um,18.4s,baz=88,slow=39	LR	LR	15 19 12.9	
MKAR	comp=Z,0.7nm,0.9s,baz=318,slow=1.6,SNR=5.6	PKPPKP	P P'df	15 22 15.0 +0.5	
MKAR	comp=Z,3.7nm,1.2s,baz=262,slow=3.7,SNR=7.7	PKP2ab		15 22 35.0	
MKAR	comp=Z,1.0nm,0.6s,baz=82,slow=4.1,SNR=12	P4KPCb		15 29 32.5	
MKAR	Makanchi Array	56.90 31	P	14 52 18.6 +0.8	
M20K	Styx River	56.91 29	P	14 52 19.4 +1.7	
K20K	Telida	56.93 28	P	14 52 19.4 +1.7	
K20K	baz=252,SNR=224	S	S	15 00 06.2 -4.5	
CAN CAN	Canberra	57.01 178	P	14 52 18.8 +0.2	
CAN CAN	comp=Z,97nm,0.9s	pmax	pmax		
CAN CAN	Canberra	57.01 178	P	14 52 18.8 +0.2	
CAN CAN	comp=Z,97nm,0.9s	Iamb	Iamb	14 52 41.3	
HOM HOM	Home	57.06 32	P	14 52 18.7 +0.1	
HOM HOM	Home	57.06 32	P	14 52 18.9 +0.3	
MAKZ	Makanchi	57.12 312	P	14 52 20.4 +1.1	
MAKZ	comp=Z,371nm,0.9s	pmax	pmax		
MAKZ	Makanchi	57.12 312	P	14 52 20.4 +1.1	
MAKZ	comp=Z,2um,18.0s	IAMS_20	IAMS_20	14 52 50.3	
J20K	Novinta River	57.15 27	P	14 52 21.3 +2.1	
J20K	baz=252	S	S	15 00 11.0 -2.5	
SPCR	Spurr Chakacha	57.16 30	P	14 52 20.2 +0.8	
SPCR	baz=255,SNR=13	S	S	15 00 14.2 +0.3	
SPCR	baz=255	S	S	15 00 14.2 +0.3	
SPU	Mount Spurr	57.23 30	P	14 52 20.2 +0.3	
CNPM	China Pool	57.23 32	P	14 52 19.9 0.0	
BRLE	Bradley Lake	57.26 32	P	14 52 21.3 -0.2	
BRSE	Bradley Lake S	57.32 32	P	14 52 22.0 0.0	
BRSE	baz=256,SNR=40	S	S	15 00 15.9 -2.7	
CAPN	Captain Cook N	57.55 31	P	14 52 22.7 +0.7	
CAPN	Captain Cook N	57.55 31	P	14 52 22.2 +0.1	
CAPN	baz=257	S	S	14 52 28.6	
PPLA	Purkeypile	57.61 28	P	14 52 23.4 +0.8	
PPLA	comp=Z,71nm,0.8s	Iamb	Iamb	14 52 24.6	
PPLA	Purkeypile	57.61 28	S	15 00 19.1 -0.9	
PPLA	baz=254	S	S	14 52 24.6	
SKT	Skwentna	57.67 30	P	14 52 22.9 0.0	
SKT	comp=Z,98nm,0.6s	IAMS_20	IAMS_20	15 15 21.8	
SKT	Skwentna	57.67 30	P	14 52 23.2 +0.3	
SKT	baz=256,SNR=95	S	S	15 00 19.4 -1.0	
SKT	SKT	S	S	14 52 24.3 0.0	
XMAS	Kiritimati	57.77 102	P	14 52 24.3 0.0	
XMAS	Kiritimati	57.77 102	IAMS_20	IAMS_20	15 17 13.1
XMAS	Kiritimati	57.77 102	P	14 52 25.4 +1.1	
CHUM	Lake Munchumin	57.83 27	P	14 52 25.9 +1.9	
CHUM	baz=254	S	S	15 00 21.4 -1.0	
IMAR	Indian Mountai	57.89 25	P	14 52 25.4 +1.0	
SUA	Susitna One	57.91 30	P	14 52 25.3 +0.5	
SUA	comp=Z,107nm,0.9s	S	S	14 52 24.5 -0.2	
SUA	Susitna One	57.91 30	P	14 52 24.5 -0.2	
SUA	baz=257,SNR=24	S	S	15 00 17.8 -6.0	
FIS	Fire Island	58.08 31	IAMS_20	IAMS_20	15 13 35.4
Q22K	Cooper Landing	58.18 31	P	14 52 26.8 +0.3	
Q22K	Cooper Landing	58.18 31	P	14 52 26.9 +0.5	
SEW	Seward	58.23 32	P	14 52 27.2 +0.3	
SEW	Seward	58.23 32	P	14 52 27.3 +0.5	
SEW	baz=259,SNR=56	S	S	15 00 24.1 -3.7	
RC01	Rabbit Creek A	58.30 31	P	14 52 27.2 -0.1	
RC01	Rabbit Creek A	58.30 31	P	14 52 27.6 +0.2	
RC01	baz=258,SNR=30	S	S	15 00 25.4 -3.3	
KTH	Kantisna Hill	58.34 28	P	14 52 27.9 +0.2	
KTH	comp=Z,2um,19.0s	IAMS_20	IAMS_20	15 19 29.5	
I21K	Tanana	58.34 26	P	14 52 29.4 +1.9	
I21K	baz=253,SNR=390	S	S	15 00 29.9 +0.8	
CUT	Chulitna	58.34 29	P	14 52 27.4 -0.2	
CUT	comp=Z,85nm,0.8s	Iamb	Iamb	14 52 33.4	
CUT	Chulitna	58.34 29	P	14 52 27.7 +0.1	
CUT	comp=Z,3um,21.0s	IAMS_20	IAMS_20	15 13 08.8	
CUT	baz=256,SNR=8.1	S	S	15 00 25.8 -3.4	
BPAW	Bear Paw Mtn.	58.45 27	P	14 52 29.2 +0.8	
BPAW	comp=Z,2um,19.0s	IAMS_20	IAMS_20	15 19 56.5	
BPAW	Bear Paw Mtn.	58.45 27	P	14 52 29.7 +1.3	
BPAW	baz=255,SNR=251	S	S	15 00 29.8 -0.9	
TRF	Thorofore Moun	58.59 28	P	14 52 29.5 0.0	
TRF	Thorofore Moun	58.59 28	P	14 52 30.1 +0.5	
PMR	Palmer	58.69 30	P	14 52 29.9 -0.1	
PMR	comp=Z,137nm,1.0s	pmax	pmax		
PMR	Palmer	58.69 30	P	14 52 29.9 -0.1	
PMR	comp=Z,136nm,1.0s	Iamb	Iamb	14 52 31.5	
PMR	Palmer	58.69 30	P	14 52 30.1 +0.1	
PMR	baz=258,SNR=42	S	S	15 00 30.6 -3.1	
MORW	Morawa	58.69 21	P	14 52 29.7 -0.8	
MLY	Manley	58.80 26	P	14 52 31.9 +1.0	
MLY	comp=Z,2um,19.0s	IAMS_20	IAMS_20	15 16 50.7	
MLY	Manley	58.80 26	P	14 52 32.2 +1.3	
MLY	baz=254,SNR=337	S	S	15 00 33.9 -1.4	
NIUE	Niue	58.87 131	P	14 52 32.1 +0.2	
NIUE	Niue	58.87 131	P	14 52 34.5 +2.6	
NRIK	Noril'sk	58.88 339	P	14 52 32.3 +1.0	
NRIK	comp=Z,69nm,0.5s,baz=110,slow=8.2,SNR=128	LR	LR	15 17 58.1	
NRIK	comp=Z,2um,21.9s,baz=113,slow=36	PKP2ab		15 22 27.8	
NRIK	Noril'sk	58.88 339	P	14 52 32.2 +1.0	
NRIK	comp=Z,103nm,0.9s	pmax	pmax		
NRIK	Noril'sk	58.88 339	P	14 52 31.9 +0.7	
NRIK	comp=Z,3um,21.0s	IAMS_20	IAMS_20	15 17 01.5	
PWL	Port Wells	58.92 31	P	14 52 31.9 +0.1	
A21K	Barrow	58.93 18	P	14 52 32.4 +0.8	
A21K	Barrow	58.93 18	P	14 52 32.9 +1.4	
KNK	Knik Glacier	58.97 31	P	14 52 32.0 -0.1	
KNK	comp=Z,2um,22.0s	IAMS_20	IAMS_20	15 14 11.9	
KNK	Knik Glacier	58.97 31	P	14 52 32.7 +0.7	
KNK	baz=259,SNR=51	S	S	15 00 37.4 -0.1	
KNK	baz=259	S	S	15 00 37.4 -0.1	

SML	Sawmill	59.11 30	P	14 52 33.0 -0.1
SML	Sawmill	59.11 30	P	14 52 33.8 +0.7
SML	baz=259	S	S	15 00 35.1 -4.2
BWN	Browne	59.12 27	P	14 52 33.9 +0.9
BWN	comp=Z,2um,19.0s	IAMS_20	IAMS_20	15 20 28.0
RND	Reindeer	59.20 28	P	14 52 33.7 0.0
RND	comp=Z,135nm,0.8s	pmax	pmax	
RND	Reindeer	59.20 28	P	14 52 33.7 0.0
RND	comp=Z,2um,18.0s	IAMS_20	IAMS_20	15 19 17.4
UZB	Uzuybulak	59.21 308	P	14 52 33.0 -1.3
UZB	comp=Z,109nm,1.2s	i/S	i/S	15 00 42.5 +0.9
UZB	Uzuybulak	59.21 308	P	14 52 32.9 -1.3
UZB	comp=Z,109nm,1.2s	i/S	i/S	15 00 42.4 +0.9
UZB	Uzuybulak	59.21 308	P	14 52 34.3 +0.5
UZB	comp=Z,109nm,1.2s	pmax	pmax	
WAT1	Susitna Watana	59.21 29	P	14 52 38.3 -2.3
WAT1	baz=258	S	S	15 00 38.3 -2.3
TOO	Toolangi	59.22 181	P	14 52 33.5 -0.5
TOO	comp=Z,122nm,0.9s	pmax	pmax	
TOO	Toolangi	59.22 181	P	14 52 33.5 -0.5
MCK	McKinley	59.24 28	P	14 52 33.8 -0.1
MCK	comp=Z,174nm,0.9s	pmax	pmax	
MCK	McKinley	59.24 28	P	14 52 33.8 -0.1
MCK	comp=Z,2um,18.0s	MLR	MLR	14 52 33.8 -0.1
MCK	McKinley	59.24 28	P	14 52 34.3 +0.4
MCK	baz=257,SNR=48	S	S	15 00 40.1 -0.8
VIS	Vishakhapatnam	59.36 278	eP	14 52 36.5 +1.1
VIS	comp=Z,77nm,0.9s	Iamb	Iamb	14 52 37.9
NEA2	Nenana	59.38 27	P	14 52 35.1 +0.2
NEA2	comp=Z,2um,18.0s	IAMS_20	IAMS_20	15 18 52.2
NEA2	Nenana	59.38 27	P	14 52 35.5 +0.7
NEA2	baz=256,SNR=406	S	S	15 00 41.9 -0.8
I23K	Minto, Yukon-K	59.40 26	P	14 52 35.7 +0.8
I23K	comp=Z,82nm,0.8s	Iamb	Iamb	14 52 38.0
I23K	Minto, Yukon-K	59.40 26	P	14 52 36.2 +1.3
I23K	comp=Z,2um,18.0s	IAMS_20	IAMS_20	15 19 01.5
I23K	Minto, Yukon-K	59.40 26	P	14 52 36.2 +1.3
I23K	baz=256,SNR=142	S	S	15 00 42.9 +0.1
KPKS	Kokpek	59.45 308	i/P	14 52 34.3 -1.5
KPKS	comp=Z,117nm,0.9s	eS	eS	15 00 40.5 -4.0
KPKS	Kokpek	59.45 308	i/P	14 52 33.2 -1.5
KPKS	comp=Z,117nm,0.9s	eS	eS	15 00 40.4 -4.0
H23K	Yukon River	59.49 25	P	14 52 37.2 +1.6
H23K	baz=255,SNR=164	S	S	15 00 44.4 +0.2
GLI	Glacier Island	59.52 31	P	14 52 36.4 +0.6
GLI	Glacier Island	59.52 31	P	14 52 36.6 +0.8
GLI	baz=260,SNR=14	S	S	15 00 44.4 -0.2
WAT6	Susitna Watana	59.53 29	P	14 52 36.9 +0.8
WAT6	baz=259,SNR=90	S	S	15 00 44.5 -0.5
WAT6	Sheep Creek Mo	59.58 30	P	14 52 36.6 +0.3
SCM	comp=Z,421nm,0.8s	pmax	pmax	
SCM	Sheep Creek Mo	59.58 30	P	14 52 36.6 +0.3
SCM	comp=Z,1um,19.0s	MLR	MLR	14 52 35.8 -1.0
TKM	Taldyqorghan	59.60 310	eP	14 52 35.8 -1.0
TKM	Taldyqorghan	59.60 310	eP	14 52 35.7 -1.0
TKM	Taldyqorghan	59.60 310	eP	15 00 45.5 -0.6
TKM	Taldyqorghan	59.60 310	eP	14 52 37.3 +0.9
TKM	Taldyqorghan	59.60 310	eP	14 52 38.2 +1.8
COLD	Coldfoot	59.62 24	P	14 52 37.3 +0.9
COLD	Coldfoot	59.62 24	P	14 52 38.2 +1.8
COLD	baz=254,SNR=210	S	S	15 00 46.9 +1.2
Q23K	Middleton Isla	59.67 33	P	14 52 38.1 +1.3
Q23K	Middleton Isla	59.67 33	P	14 52 38.4 +1.6
Q23K	baz=262	S	S	14 52 35.5 -1.9
SATY	Saty	59.67 308	i/P	14 52 35.5 -1.9
SATY	comp=Z,191nm,1.5s	eS	eS	15 00 47.2 -0.2
SATY	Saty	59.67 308	i/P	14 52 35.4 -1.9
SATY	comp=Z,191nm,1.5s	eS	eS	15 00 47.1 -0.2
SATY	Saty	59.67 308	i/P	14 52 38.3 +1.4
MID	Middleton Isla	59.67 33	P	14 52 38.3 +1.4
MID	comp=Z,271nm,0.9s	pmax	pmax	
MID	Middleton Isla	59.67 33	P	14 52 38.3 +1.4
MID	Middleton Isla	59.67 307	P	14 52 39.2 +1.5
PRZ	Przheval'sk	59.70 307	P	14 52 39.2 +1.5
PRZ	comp=Z,337nm,0.9s	pmax	pmax	
PRZ	Przheval'sk	59.70 307	P	14 52 39.2 +1.5
PRZ	comp=Z,2um,18.0s	MLR	MLR	15 18 48.7
PRZ	Przheval'sk	59.70 307	P	14 52 39.2 +1.5
HIN	Hinchinbrook I	59.73 32	P	14 52 38.0 +0.7
WRH	Wood River Hill	59.77 27	P	14 52 37.3 -0.2
WRH	comp=Z,2um,18.0s	IAMS_20	IAMS_20	15 18 08.3
FID	Port Fidalgo	59.80 32	P	14 52 38.2 +0.4
MDM	Murphy Dome	59.82 27	P	14 52 37.7 -0.1
MDM	comp=Z,2um,19.0s	IAMS_20	IAMS_20	15 19 13.6
CCB	Clear Creek Bu	59.93 27	P	14 52 37.7 -0.8
CCB	comp=Z,129nm,1.4s	Iamb	Iamb	14 52 40.1

GYA0B	comp=Z,152nm,0.9s	IAMB	IAMB	14 54 21.4					
GYA0B	comp=Z,152nm,0.9s	IAMS_20	IAMS_20	15 31 27.0					
HUMO	comp=Z,1µm,18.0s	75.75	50 P	P	14 54 19.5 +0.8				
I04A	Tendick Farm, baz=287	75.79	48 P	P	14 54 19.7 +0.8				
F05D	White Salmon	75.83	46 P	P	14 54 20.5 +1.4				
KMRM	Mali Ridge	75.89	52 P	P	14 54 19.8 +0.2				
KMRM	KMRM		IAMB	IAMB	14 54 22.0				
LTY	Liberty	75.95	45 P	P	14 54 20.0 +0.2				
LTY	Liberty		IAMB	IAMB	14 54 21.3				
PRGR	Pergomere	76.00	331 eP	pmax	14 54 20.4 +0.7				
PRGR	Pergomere		pmax	pmax					
RES	comp=Z,283nm,0.6s	76.06	14 P	P	14 54 20.1 +0.3				
RES	Resolute Bay		pmax	pmax					
RES	comp=Z,56nm,1.1s								
RES	Resolute Bay	76.06	14 P	P	14 54 20.1 +0.3				
RES	Resolute Bay		IAMB	IAMB	14 54 21.4				
SPA0	Spitsbergen Ar	76.11	351 jP	P	14 54 20.7 +0.6				
SPITS	Spitsbergen Ar	76.11	351 jP	P	14 54 20.4 +0.3				
SPITS	Spitsbergen Ar		pmax	pmax					
SPB2	Spitsbergen Ar	76.11	351 P	P	14 54 19.6 -0.5				
G05D	Wamic, OR	76.12	47 P	P	14 54 21.9 +1.2				
J04D	Umpqua Nationa	76.16	49 P	P	14 54 22.4 +1.2				
M02C	Callahan	76.17	51 P	P	14 54 22.7 +1.5				
YBH	Yreka Blue Hor	76.18	50 P	P	14 54 21.7 +0.5				
YBH	Yreka Blue Hor		pmax	pmax					
YBH	comp=Z,38nm,0.8s	76.18	50 P	P	14 54 21.6 +0.5				
YBH	Yreka Blue Hor		IAMB	IAMB	14 54 23.8				
YBH	comp=Z,38nm,0.8s		IAMS_20	IAMS_20	15 25 21.1				
KBS	comp=Z,1µm,19.0s	76.20	352 jP	P	14 54 21.6 +1.1				
KBS	Kingsbay		IAMB	IAMB	14 54 22.1				
KBS	comp=Z,110nm,1.0s	76.20	352 dP	pmax	14 54 21.1 +0.6				
KBS	Kingsbay		pmax	pmax					
KBS	comp=Z,42nm,1.1s	76.20	352 jP	P	14 54 21.6 +1.1				
KBS	Kingsbay		P	P	14 54 20.9 +0.3				
I05D	Terrebonne, OR	76.37	48 P	P	14 54 23.3 +1.1				
N02D	Trinity Center	76.41	51 P	P	14 54 23.9 +1.4				
B08A	Colville Reser	76.48	43 P	P	14 54 22.9 +0.1				
B08A	Colville Reser		IAMB	IAMB	14 54 24.8				
B08A	comp=Z,81nm,0.8s		IAMS_20	IAMS_20	15 24 35.7				
O02D	Mt. Diablo Mer	76.58	52 P	P	14 54 25.1 +1.6				
K04D	Chiloquin, OR	76.59	49 P	P	14 54 24.9 +1.3				
WDC	Whiskeytown Da	76.64	52 P	P	14 54 24.1 +0.3				
WDC	Whiskeytown Da		pmax	pmax					
WDC	comp=Z,27nm,1.0s	76.64	52 P	P	14 54 24.1 +0.3				
WDC	Whiskeytown Da		IAMS_20	IAMS_20	14 54 24.1 +0.3				
E07A	Sunnyside	76.69	45 P	P	14 54 24.4 +0.4				
E07A	Sunnyside		IAMB	IAMB	14 54 26.4				
H0PS	Hopland Field	76.73	53 P	P	14 54 24.6 +0.3				
H0PS	Hopland Field		IAMB	IAMB	14 54 25.8				
H0PS	comp=Z,65nm,1.1s		IAMS_20	IAMS_20	15 19 10.8				
J05D	Fort Rock, OR	76.76	49 P	P	14 54 26.0 +1.4				
TBI	Tubuai	76.76	122 eP	P	14 54 25.2 +0.7				
TBI	Tubuai		eS	S	15 04 11.5 +0.3				
TBI	comp=Z,184nm,31.0s	76.76	122 eLQ	LQ	15 14 22.9				
TBI	Tubuai		S	S	15 17 54.7				
TBI	comp=Z,3µm,28.5s		eLR	LR	15 17 54.7				
M04C	Macdoel	76.78	50 P	P	14 54 25.8 +1.1				
PINE	Pine Mountain	76.81	48 P	P	14 54 25.6 +0.7				
PINE	Pine Mountain		IAMB	IAMB	14 54 27.6				
PINE	comp=Z,133nm,0.8s		IAMS_20	IAMS_20	15 27 19.5				
F07A	Phinny Hill Vi	76.85	46 P	P	14 54 25.3 +0.5				
HAWA	Hanford	76.96	45 P	P	14 54 26.0 +0.6				
HAWA	Hanford		IAMB	IAMB	14 54 27.8				
HSPB	Hornsumd (broa	77.06	350 eP	P	14 54 26.1 +0.7				
MCCM	Marconi Center	77.13	54 P	P	14 54 26.2 -0.3				
MCCM	Marconi Center		IAMB	IAMB	14 54 29.2				
D08A	Wollman Farm,	77.15	44 P	P	14 54 26.5 0.0				
D08A	Wollman Farm,		IAMB	IAMB	14 54 28.7				
D08A	comp=Z,67nm,0.9s		IAMS_20	IAMS_20	15 29 44.4				
K05A	Summer Lake	77.17	49 P	P	14 54 26.9 0.0				
K05A	Summer Lake		IAMB	IAMB	14 54 29.5				
K05A	comp=Z,127nm,0.9s		IAMS_20	IAMS_20	15 27 00.1				
E08A	Dider Farm, El	77.24	45 P	P	14 54 27.1 +0.1				
O03E	Paynes Creek	77.27	52 P	P	14 54 28.0 +0.6				
C09A	Chrisman Ranch	77.33	43 P	P	14 54 27.5 0.0				
C09A	Chrisman Ranch		IAMB	IAMB	14 54 29.1				
C09A	comp=Z,49nm,0.8s		IAMS_20	IAMS_20	15 24 52.1				
G08A	Pilot Rock	77.69	46 P	P	14 54 29.6 -0.1				
G08A	Pilot Rock		IAMS_20	IAMS_20	15 25 54.7				
I07A	Izeze	77.70	47 P	P	14 54 29.6 -0.2				
I07A	Izeze		IAMS_20	IAMS_20	15 27 50.2				
ORV	Oroville	77.72	52 P	P	14 54 29.2 -0.6				
ORV	Oroville		pmax	pmax					
ORV	comp=Z,42nm,1.0s		MLR	MLR					
ORV	Oroville	77.72	52 P	P	14 54 29.2 -0.6				
ORV	Oroville		IAMS_20	IAMS_20	15 29 53.9				
LVZ	Lovozero	77.73	339 P	P	14 54 29.3 -0.1				
LVZ	Lovozero		pmax	pmax					
LVZ	comp=Z,77nm,1.0s		MLR	MLR					
LVZ	Lovozero	77.73	339 P	P	14 54 29.3 -0.1				
LVZ	Lovozero		IAMB	IAMB	14 54 30.9				
LVZ	comp=Z,2µm,19.0s		IAMS_20	IAMS_20	15 30 55.1				
E09A	Wood Farm, Sta	77.83	45 P	P	14 54 30.4 +0.1				
E09A	Wood Farm, Sta		IAMB	IAMB	14 54 32.6				
E09A	comp=Z,75nm,0.8s		IAMS_20	IAMS_20	15 27 18.4				
MOD	Modoc Plateau	77.84	50 P	P	14 54 30.5 -0.1				
NEW	Newport	77.91	43 P	P	14 54 30.9 +0.1				
NEW	Newport		pmax	pmax					
NEW	comp=Z,53nm,0.8s	77.91	43 P	P	14 54 30.9 +0.1				
NEW	Newport		IAMB	IAMB	14 54 32.8				
NEW	comp=Z,53nm,0.8s	77.91	43 IAMS_20	IAMS_20	15 25 30.4				
NEW	Newport		P	P	14 54 31.7 +0.9				
NEW	comp=Z,2µm,19.0s		S	S	15 04 21.6 -1.7				
NEW	Newport		S	S					
NEW	comp=Z,289		S	S	15 04 21.6 -1.7				
TAOE	Nuku Hiva Isla	77.97	105 eS	S	15 04 24.5 -0.5				

TAOE	comp=Z,294nm,27.5s	77.97	105 eLR	LR	15 18 38.2				
BJ01	Nuku Hiva Isla		eP	P	14 54 31.6 +0.2				
BELG	comp=Z,837nm,23.5s	78.14	347 eP	P	14 54 33.0 +0.8				
BELG	Bjornoye		pmax	pmax					
AFDM	Forest Hills D	78.30	53 P	P	14 54 33.1 0.0				
APA	Apattity	78.31	339 jP	pmax	14 54 32.2 -0.3				
APA	APA		MLR	MLR					
EDM	Edmonton	78.45	37 P	pmax	14 54 33.8 +0.1				
EDM	Edmonton		MLR	MLR					
EDM	comp=Z,800nm,20.0s	78.45	37 P	IAMB	14 54 33.8 +0.1				
EDM	Edmonton		IAMB	IAMB	14 54 35.1				
BEKR	Beckworth	78.45	52 P	P	14 54 33.9 -0.2				
F10A	Beach Ranch, E	78.61	45 P	P	14 54 34.4 -0.4				
SAO	San Andreas Ge	78.64	55 pmax	pmax	14 54 34.5 -0.5				
SAO	SAO		MLR	MLR					
SAO	comp=Z,2µm,20.0s	78.64	55 P	IAMS_20	14 54 34.5 -0.5				
SAO	San Andreas Ge		IAMS_20	IAMS_20	15 30 47.6				
J08A	Circle Bar Ran	78.64	48 P	IAMB	14 54 34.3 -0.7				
J08A	Circle Bar Ran		IAMB	IAMB	14 54 37.0				
WVOR	Wild Horse Val	78.84	49 P	pmax	14 54 35.9 -0.2				
WVOR	Wild Horse Val		pmax	pmax					
WVOR	comp=Z,44nm,1.0s	78.84	49 P	IAMS_20	14 54 35.9 -0.2				
WVOR	Wild Horse Val		IAMS_20	IAMS_20	15 27 27.4				
RUBR	Rubicon Trail	78.86	52 P	P	14 54 36.3 -0.2				
RUBR	Rubicon Trail		IAMS_20	IAMS_20	15 20 45.3				
BMO	Blue Mountains	78.94	46 P	pmax	14 54 36.6 0.0				
BMO	Blue Mountains		pmax	pmax					
BMO	comp=Z,61nm,0.9s		MLR	MLR					
BMO	Blue Mountains	78.94	46 P	IAMB	14 54 36.6 0.0				
BMO	Blue Mountains		IAMB	IAMB	14 54 38.7				
BMO	comp=Z,61nm,0.9s		IAMS_20	IAMS_20	15 29 33.8				
CMB	Columbia Cole	79.03	53 P	pmax	14 54 37.0 -0.2				
CMB	Columbia Cole		pmax	pmax					
CMB	comp=Z,41nm,0.9s	79.03	53 P	IAMS_20	14 54 37.0 -0.2				
CMB	Columbia Cole		IAMS_20	IAMS_20	15 21 04.7				
KLMR	Klimovskoe	79.03	332 dP	P	14 54 36.9 +0.4				
KLMR	Klimovskoe		S	S	15 04 33.8 -0.9				
KLMR	comp=Z,520nm,1.3s	79.03	332 jP	pmax	14 54 37.0 +0.4				
KLMR	Klimovskoe		P	P	14 54 37.0 +0.4				
KLMR	Klimovskoe		AMP	AMP	14 54 38.0				
KLMR	comp=Z,520nm,1.3s		S	S	15 04 33.8 -0.9				
KLMR	Klimovskoe		S	S	15 04 33.8 -0.9				
KLMR	Klimovskoe		LQ	LQ	15 20 12.1				
KLMR	Klimovskoe		LQ	LQ	15 20 12.1				
KLMR	Klimovskoe		LQ	LQ	15 23 11.8				
KLMR	Klimovskoe		AMP	AMP	15 38 10.7				
KEV	Kevo	79.12	342 P	pmax	14 54 36.8 -0.2				
KEV	Kevo		pmax	pmax					
KEV	comp=Z,74nm,0.7s		MLR	MLR					
KEV	Kevo	79.12	342 P	IAMB	14 54 36.8 -0.2				
KEV	Kevo		IAMB	IAMB	14 54 38.2				
KEV	comp=Z,74nm,0.7s		IAMS_20	IAMS_20	15 32 20.8				
VCNR	Virginia City	79.16	52 P	P	14 54 37.7 -0.4				
VCNR	Virginia City		IAMS_20	IAMS_20	15 27 22.0				
PAHR	Pah Rah Range	79.21	52 P	P	14 54 37.9 -0.3				
PNTR	Pine Nut	79.26	52 P	P	14 54 38.6 0.0				
PNTR	Pine Nut		IAMS_20	IAMS_20	15 21 09.8				
PMPB	Monarch Peak	79.31	55 P	P	14 54 39.0 +0.3				

17d 14h

2015 AUG

Table with columns: Station ID, Name, Azimuth, Elevation, Power, and Signal Quality. Includes stations like 1R11A Troy Canyon, C, TPV Topopah Spring, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Power, and Signal Quality. Includes stations like AHID comp=Z,4.0nm,1.1s, N2ST Strauser, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Power, and Signal Quality. Includes stations like FCC comp=Z,1.1um,2.0s, Fort Churchill, etc.

comp=Z,1um,20.0s	Paradox Valley	87.41	50	P	P	14 55 20.0	-0.6
AV07	Aland	87.42	336	eP	P	14 55 18.5	-1.4
PV02	Paradox Valley	87.44	50	P	P	14 55 20.2	-0.6
PV02	comp=Z,39nm,0.8s			Iamb	Iamb	14 55 21.7	
SCO	Scoresbysund	87.46	356	i/jP	P	14 55 20.8	+0.9
SCO	comp=Z,59nm,1.0s			Iamb	Iamb	14 55 21.4	
SCO	Scoresbysund	87.46	356	i/jP	P	14 55 20.8	+0.9
SCO	comp=Z,59nm,1.0s			Iamb	Iamb	14 55 22.1	
SCO	Scoresbysund	87.46	356	i/jP	P	14 55 20.5	+0.6
SIRT	comp=Z,49nm,0.9s			Iamb	Iamb	14 55 22.1	
ANN	Sirnak	87.48	309	P	P	14 55 20.5	-0.3
ANN	Anapa	87.51	318	eP	sP	14 55 19.5	-1.1
ANN	comp=Z,168nm,0.9s			e	e	14 55 22.4	-3.1
ANN	comp=N,40nm,0.8s			e	e	14 58 41.9	
ANN	comp=E,21nm,0.7s			e	e	15 05 46.8	
ANN	comp=N,495nm,15.0s			e	e	15 05 58.8	
ANN	comp=Z,859nm,16.0s			pmax	pmax		
PV15	Paradox Valley	87.56	50	P	P	14 55 21.1	-0.3
PV15	comp=Z,29nm,0.9s			Iamb	Iamb	14 55 22.9	
PV01	Paradox Valley	87.59	50	P	P	14 55 21.4	-0.2
PV01	comp=Z,36nm,0.7s			Iamb	Iamb	14 55 22.4	
MNK	Minsk	87.63	329	iP	P	14 55 20.1	-0.9
MNK	comp=N,25nm,1.0s			i	i	14 55 21.8	
MNK	comp=E,3.0nm,1.0s			i	i	14 58 45.2	
MNK	comp=Z,76nm,1.0s			i	i	15 00 40.1	
MNK	Minsk	87.63	329	iP	P	15 05 47.2	-1.0
MNK	comp=E,3.0nm,1.0s			i	i	15 06 04.1	
MNK	comp=N,25nm,1.0s			i	i	15 11 49.7	+2.8
MNK	comp=Z,76nm,1.0s			i	i	15 15 23.3	
MNK	Minsk	87.63	329	iP	P	15 15 23.2	
MNK	comp=N,828nm,19.0s			i	i	15 15 58.2	
MNK	comp=Z,2um,19.0s			i	i	15 15 58.2	
MNK	comp=E,153nm,19.0s			i	i	15 25 16.2	
KOPT	Kop Dag	87.72	312	P	P	15 25 16.2	
KOPT	comp=Z,106nm,1.3s			i	i	15 25 16.2	
ISAL	Salakas	87.81	331	eP	P	14 55 21.9	-2.7
RSSD	Black Hills	87.88	43	P	P	14 55 21.2	-0.5
RSSD	comp=Z,37nm,1.5s			P	P	15 00 40.2	
RSSD	Black Hills	87.88	43	P	P	14 55 22.0	-0.8
RSSD	comp=Z,299			S	S	14 55 22.0	-0.1
RSSD	comp=Z,37nm,1.5s			S	S	15 05 55.4	-1.0
IIGN	Ignalina	87.90	330	eP	P	14 55 22.4	+0.2
NACGM	Naroch	87.91	330	iP	P	14 55 22.0	-0.8
MVCO	Mesa Verde	88.05	51	P	P	14 55 25.6	
MVCO	comp=Z,58nm,1.3s			IAMS_20	IAMS_20	15 27 34.3	
MVCO	Mesa Verde	88.05	51	P	P	14 55 24.2	+0.5
W18A	Petrified Fore	88.06	53	IAMS_20	IAMS_20	15 26 09.7	
W18A	Petrified Fore	88.06	53	P	P	14 55 24.6	+0.8
X18A	Snowflake	88.15	53	IAMS_20	IAMS_20	15 32 45.2	
N23A	Red Feather La	88.16	46	P	P	14 55 25.4	+1.1
N23A	comp=Z,1um,20.0s			S	S	15 05 54.3	+1.7
ILULI	Ilulissat	88.18	6	i/jP	P	14 55 24.0	+0.6
ILULI	comp=Z,24nm,0.8s			Iamb	Iamb	14 55 24.8	
ILULI	Ilulissat	88.18	6	i/jP	P	14 55 24.0	+0.6
ILULI	comp=Z,25nm,0.8s			Iamb	Iamb	14 55 24.6	
ILULI	Ilulissat	88.18	6	P	P	14 55 23.4	0.0
SLIT	comp=Z,24nm,0.7s			Iamb	Iamb	14 55 24.6	
SMCO	Snowmass	88.19	334	eP	P	14 55 22.4	-1.2
SMCO	comp=Z,33nm,1.0s			Iamb	Iamb	14 55 24.1	-0.8
PHWY	Pilot Hill	88.30	46	P	P	14 55 24.4	-0.5
TBLU	Trondheim	88.43	342	i/jP	P	14 55 23.7	-1.0
TUC	Tucson	88.46	56	P	P	14 55 26.3	+0.8
TUC	comp=Z,295			S	S	15 05 58.3	+4.0
UPP	Uppsala	88.51	337	eP	P	14 55 24.1	-1.0
MDND	Maddock	88.68	38	P	P	14 55 26.0	-0.2
MDND	comp=Z,49nm,1.1s			IAMS_20	IAMS_20	15 31 36.9	
MDND	Maddock	88.68	38	P	P	14 55 26.6	+0.3
E28A	Huff	88.71	40	P	P	14 55 26.1	-0.3
E28A	comp=Z,42nm,1.0s			Iamb	Iamb	14 55 27.4	
E28A	comp=Z,1um,21.0s			IAMS_20	IAMS_20	15 31 44.8	
MARD	Mardin	88.75	310	P	P	14 55 26.4	-0.5
PABE	Paberze	88.82	331	eP	P	14 55 26.4	-0.3
PABE	Paberze	88.82	331	P	P	14 55 26.1	-0.6
ISCO	Idaho Springs	88.89	47	P	P	14 55 27.4	-0.4
ISCO	comp=Z,26nm,1.2s			pmax	pmax		
ISCO	comp=Z,2um,19.0s			MLR	MLR		
ISCO	Idaho Springs	88.89	47	P	P	14 55 27.4	-0.4
ISCO	Idaho Springs	88.89	47	P	P	14 55 28.5	+0.7
ISCO	comp=Z,296,SNR=16			S	S	15 06 01.8	+4.7
S22A	4UR Ranch, Cre	89.00	49	P	P	14 55 29.1	+0.8
ICESG	Greenland Ices	89.10	2	i/jP	P	14 55 28.8	+0.6
ICESG	comp=Z,36nm,0.8s			Iamb	Iamb	14 55 29.3	
AKASG	Malin Array Be	89.14	326	P	P	14 55 27.4	-0.9
AKASG	comp=Z,64nm,0.7s,baz=51,slow=4.8,SNR=213			PKKPbc	PKKPbc	15 13 04.5	-1.9
AKASG	comp=Z,1.6nm,0.6s,baz=254,slow=2.6,SNR=7.1			LR	LR	15 36 33.6	
AKASG	comp=Z,1um,21.8s,baz=70,slow=36			P	P	14 55 27.2	-1.1
AKASG	Malin Array Be	89.14	326	P	P	14 55 28.9	
AKASG	comp=Z,85nm,0.8s			Iamb	Iamb	14 55 27.1	-1.2
AKBB	Malin Array Si	89.14	326	P	P	14 55 27.1	-1.2
AKBB	comp=Z,2um,20.0s			IAMS_20	IAMS_20	15 36 22.4	
PBUR	Palurges	89.38	333	eP	P	14 55 29.0	-0.3
SBIR	Santa Rosalia	89.39	61	IAMS_20	IAMS_20	15 42 10.2	
ULM	Lac du Bonnet	89.42	35	P	P	14 55 29.5	-0.1
ULM	comp=Z,14nm,0.9s,baz=304,slow=6.0,SNR=15			LR	LR	15 36 00.3	
ULM	comp=Z,472nm,19.0s,baz=318,slow=36			LR	LR	15 32 27.2	
ULM	Lac du Bonnet	89.42	35	P	P	14 55 28.6	-1.0
ULM	comp=Z,1um,21.0s			IAMS_20	IAMS_20	15 32 27.2	
SIM	Simferopol'	89.48	319	d/P	P	14 55 28.6	-1.4
SIM	comp=Z,449nm,1.1s			pmax	pmax		
Q24A	Divide	89.60	48	P	P	14 55 31.5	+0.4
Q24A	comp=Z,1um,21.0s			LR	LR	14 58 41.9	
NC405	NORSAR Array S	89.62	340	P	P	14 55 28.6	-1.7
NC303	NORSAR Array S	89.65	340	Iamb	Iamb	14 55 29.4	-1.1
NC303	comp=Z,37nm,1.1s			Iamb	Iamb	14 55 30.6	
HSIG	comp=Z,1um,18.0s			IAMS_20	IAMS_20	15 38 52.1	
DOMB	Dombas	89.72	341	i/jP	P	14 55 30.5	-0.3
MOL	Molde	89.74	342	i/jP	P	14 55 30.8	-0.1
NC204	NORSAR Array S	89.80	340	P	P	14 55 29.8	-1.5
NC204	comp=Z,138nm,1.3s			Iamb	Iamb	14 55 31.5	
NB201	NORSAR Array S	89.80	340	P	P	14 55 29.9	-1.3
NB201	comp=Z,116nm,1.2s			Iamb	Iamb	14 55 31.3	
NB2	NORSAR Subarra	89.84	340	P	P	14 55 30.5	-0.9
NB2	comp=Z,59nm,1.2s,baz=48,slow=4.6			P	P	14 55 30.5	-0.9
NB2	NORSAR Subarra	89.84	340	P	P	14 55 30.6	-0.8
NOA	NORSAR Array B	89.84	340	P	P	14 55 30.6	-0.8
NOA	comp=Z,15nm,0.8s,baz=44,slow=4.8,SNR=60			PP	PP	14 59 02.1	-1.1
NOA	comp=Z,7.4nm,0.8s,baz=38,slow=7.9,SNR=9.5			LR	LR	15 40 04.1	
NOA	comp=Z,732nm,21.3s,baz=35,slow=38			LR	LR	15 45 32.2	-0.4
SDCO	Great Sand Dun	89.93	49	P	P	14 55 32.2	-0.4
SDCO	comp=Z,1um,20.0s			IAMS_20	IAMS_20	15 34 46.0	
SDCO	Great Sand Dun	89.93	49	P	P	14 55 33.0	+0.3
SDCO	comp=Z,299,SNR=27			P	P	14 55 30.9	-1.0
NC602	NORSAR Array S	89.96	340	i/jP	P	14 55 30.4	-1.5
NC602	NORSAR Array S	89.96	340	P	P	14 55 31.7	
NC602	comp=Z,39nm,1.1s			Iamb	Iamb	14 55 30.1	-2.0
NB000	NORSAR Array S	89.98	340	P	P	14 55 31.2	-2.0
NB000	comp=Z,101nm,1.4s			Iamb	Iamb	14 55 31.2	
NAO01	NORSAR Array S	90.09	340	P	P	14 55 29.9	-2.6
NAO01	comp=Z,78nm,1.2s			Iamb	Iamb	14 55 32.5	
SUW	Suwalki	90.12	331	eP	P	14 55 32.2	-0.6
SUW	Suwalki	90.12	331	eP	P	14 55 32.2	-0.6
SUW	Suwalki	90.12	331	P	P	14 55 31.8	-1.0
SUW	comp=Z,176nm,0.9s			pmax	pmax	15 40 24.0	
SUW	Suwalki	90.12	331	P	P	14 55 31.8	-1.0
SUW	comp=Z,976nm,18.0s			IAMS_20	IAMS_20	15 40 24.0	
AKN	Aakne	90.21	342	i/jP	P	14 55 33.1	0.0
SFJD	Kangerlussuaq	90.37	7	i/jP	P	14 55 34.1	+0.3
SFJD	comp=Z,14nm,0.8s			Iamb	Iamb	14 55 34.5	
SFJD	Kangerlussuaq	90.37	7	i/jP	P	14 55 34.0	+0.3
SFJD	comp=Z,14nm,0.8s			pmax	pmax	14 55 32.8	-0.8
SFJD	Kangerlussuaq	90.37	7	P	P	14 55 33.8	-1.6
LEMM	Lemitar	90.52	53	P	P	14 51 55.8	
AGMN	Agassiz Nation	90.53	36	IAMS_20	IAMS_20	14 55 34.8	0.0
AGMN	comp=Z,49nm,18.0s			P	P	14 55 34.8	0.0
AGMN	Agassiz Nation	90.53	36	P	P	14 55 36.0	+0.5
ANMO	Albuquerque	90.54	52	iP	P	14 55 36.0	+0.5
ANMO	comp=Z,177nm,1.0s			pmax	pmax	14 55 52.0	
ANMO	Albuquerque	90.54	52	P	P	14 55 34.7	-0.7
ANMO	Albuquerque	90.54	52	P	P	14 55 36.2	+0.0
Y22D	IRIS PASSCAL I	90.60	53	IAMS_20	IAMS_20	15 27 40.0	
Y22D	comp=Z,1um,22.0s			P	P	14 55 36.7	+1

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes entries for KBA, MGRS, Z38A, MYKA, BOJS, PDG, GALL1, VVDA, J47A, L46A, BTNL, MIAR, MEM, DRME, CEY, 735A, JAVS, KBN, ZOU, 742A, STU, TIR, BSTI, HCY, WATA, ABTA, WTTA, WTTA, Q44, SKDS, BCLA, MOTA, UCC, RETA, SOTA, STAL, SFIN, W41B, X40A, BGES, GMM, WLF, WLF, BMRD, SNF, FETA, S44A, SIUC, OLIL, VLO, N47A, DAVA, DAVA, AAM, AAM, AAM, SADO, N49A, TUE, MET, M50A, O49A, WCI, P49A, W45A, 143A, T47A, ZCCA, PRMA, OXF, WVT, WVT, SENIN, ACSO, R49A, J54A, VLC, ERPA, OSSC, MEDO.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes entries for PAOL, M53A, PL34, TIP, VBM5, J55A, Q51A, V44A, U49A, M54A, P52A, O53A, LON9, I57A, T50A, N54A, Q52A, J57A, X48A, P53A, S51A, L56A, E62A, K57A, A67A, D63A, F62A, W50A, VT1, Q54A, BINY, O56A, F63A, LBNH, H62A, V52A, L59A, X51A, PKME, TRY, W52A, I62A, DRN, WVL, I63A, V53A, U54A, N59A, K62A, Y52A, K63A, EMMW, HRV, V55A, PAL, VSL, WES, WSPT, GOGA, Y62A, NLE, BRY2, BRY2, L63A, 451A, M64A, 154A, W57A, V58A, BIRD, TIGA, 255A, NHSC, 257A, 456A, KEST, Y60A, CCIG, DWPF, PGAV, PGAV, PETF.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes entries for MVO, POLO, ESDC, ESDC, ESDC, MTE, MTE, MTE, COI, PCBR, ESQI, MTO3, PMRV, PMRV, SNET, PMTG, PBAR, MESJ, TGUH, PVAQ, PVAQ, PVAQ, SYO, SYO, SYO, MORF, PFVI, BBSR, LSZ, PMOZ, BELA, SDDR, SDDR, SDDR, LBTA, LBOS, SNA4, SNA4, SNA4, SJCC, SJCC, VNA2, ICMP, VNA3, PNTL, DBBC, VNA1, PTRL, UREC, MTC, MTC, STVI, SMLC, ZARC, CBCC, CBCC, HELC, PLMC, OCAC, YOTC, guvz, OTAV, OTAV, OTAV, DABV, DABV, NORC, NORC, BRRR, POPC, TOLC, HATO, SOTA, PCON, SPBC, ORTC, BARC, ROSC, RUSC, RUSC, RUSC, CHIC, CHIC, PTLA, ELOV, FDF, GRGR, DBIC, DBIC, KIC, CIVI, COYO, LC01, PLCA, PLCA, PLCA, GO05, BOAV, MLO2, VA01, MT01, BO01, CO06, BO02, MT02, ROCI, COIS, PUMA, PB11, LAMA, ETIM, AUSP, PB08, RTLS, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, RFA, ARCO, AAGR.

M₁ 4.1/6, m₁m₃3.8/35, Error ellipse: s-maj=22.7km
 s-min=16.2km az=129.0
 BUJ 17:15:58.31.1.0.0, 26.825:175.89W, h15km, mB5.7/11,
 mb5.1/18, Ms5.4/5, Ms7.5/15
 NEIC 17:15:58.31.8.1.7, 27.08S:0.06:176.08W:0.10, h10km, 1km,
 mb4.9/67, Error ellipse: s-maj=16.9km s-min=5.9km
 az=122.0

ISC 17:15:58.31.4.0.4, 27.08S:0.06:176.07W:0.07, h10km,
 n179, s159/174, mb4.8/58, MS4.2/6, 1C, Kermadec

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
RAO	Raoul Island	2.71 217	Ph	Pn	15 59 16.4	+1.5
RAO	230nm, 0.3s, baz=237, slow=1.4, SNR=7.8					
RAO	230nm, 0.3s, baz=87, slow=22, SNR=6.0				15 59 53.4	+0.2
RAO	Raoul Island	2.71 217	Ph	Pn	15 59 15.7	+0.7
NIUE	Niue	9.77 37	Pn	Pn	16 00 44.3	-7.7
MSVF	Nonsavu	10.78 329	LR	LR	16 03 55.5	
MSVF	comp=Z, 232nm, 18.0s, baz=147, slow=31					
URZ	Urewera	12.53 206	Pn	Pn	16 01 07.4	+1.5
URZ	0.8nm, 0.3s, baz=86, slow=3.2, SNR=7.2				16 01 29.2	-0.5
URZ	comp=Z, 671nm, 19.1s, baz=24, slow=36				16 06 05.3	
URZ	Urewera	12.53 206	Pn	Pn	16 01 28.8	-0.9
BFZ	Birch Farm	14.98 203	Pn	Pn	16 02 08.9	+0.2
MSWZ	Moikau Station	15.98 204	Pn	Pn	16 02 16.5	+0.2
SNZO	South Karori	16.10 206	Pn	Pn	16 02 17.9	+0.2
SNZO	comp=Z, 55nm, 1.0s				16 02 38.8	
BHW	Baring Head	16.12 205	Pn	Pn	16 02 17.7	-0.3
LIFNC	LIFOU	16.49 289	Pn	Pn	16 02 22.4	-0.5
LIFNC	comp=Z, 69nm, 0.8s				16 02 29.4	+0.8
CMWZ	Mont Dzumac	16.66 204	ePn	Pn	16 02 28.1	+0.8
DZM	comp=Z, 209nm, 1.6s				16 02 26.0	+0.8
DZM	comp=Z, 956nm, 26.1s				16 06 17.9	
DZM	Mont Dzumac	16.66 204	LR	LR	16 07 32.7	
DZM	comp=Z, 644nm, 19.1s, baz=93, slow=33					
DZM	Mont Dzumac	16.66 204	Pn	Pn	16 02 29.8	+2.1
BSWZ	Blackbirch Sta	16.77 207	Pn	Pn	16 02 24.1	-2.2
THZ	Tophouse	17.21 209	Pn	Pn	16 02 29.3	-2.7
KHZ	Kahurangi	17.49 206	Pn	Pn	16 02 33.9	+1.5
LTZ	Lake Taylor	18.32 208	Pn	Pn	16 02 42.0	-3.6
SANVU	Sarautou	19.39 303	P	P	16 02 57.2	-0.4
SANVU	comp=Z, 112nm, 1.4s				16 03 02.2	
ODZ	Otauhu Downs	20.84 207	P	P	16 03 14.5	+1.3
WKZ	Wanaka	21.37 210	P	P	16 03 19.6	+0.7
WKZ	comp=Z, 78nm, 1.4s				16 03 36.0	
TBI	Tubuai	24.34 87	eS	S	16 08 04.6	-4.3
TBI	comp=Z, 411nm, 27.5s				16 09 49.4	
TBI	Tubuai	24.34 87	eT	T	16 28 40.9	
TBI	comp=Z, 449nm, 26.2s				16 28 40.9	
PAE	Paea	26.19 75	eT	T	16 30 54.0	
PAE	comp=Z, 2.7nm, 0.3s				16 30 54.0	
PPT2	Papeete	26.22 74	eS	S	16 08 35.6	-3.5
PPT2	comp=Z, 100nm, 25.2s				16 10 37.8	
PPT2	comp=Z, 312nm, 20.0s				16 10 37.8	
PPT	Papeete	26.23 74	LR	LR	16 13 12.2	
PPT	comp=Z, 621nm, 18.2s, baz=244, slow=34					
TIAR	Tiarei	26.43 75	eT	T	16 31 12.5	
TIAR	comp=Z, 1.2nm, 0.3s				16 31 12.5	
HNR	Honiara	28.66 303	LR	LR	16 14 24.8	
HNR	comp=Z, 447nm, 18.3s, baz=172, slow=34					
EIDS	Eidsvold	29.47 266	P	P	16 04 34.1	-1.6
TAU	Tasman Unive	33.59 232	P	P	16 05 10.3	-1.3
TOO	Toolangi	33.91 242	IAMB	IAMB	16 05 12.7	-2.0
TOO	comp=Z, 2.1nm, 1.4s				16 05 42.0	
CTA	Charters Tower	35.12 273	P	P	16 05 25.1	-0.2
CTA	comp=Z, 1.2nm, 0.7s, baz=102, slow=7.6, SNR=43					
CTAO	Charters Tower	35.12 273	P	P	16 05 24.9	-0.4
CTAO	comp=Z, 1.5nm, 0.7s				16 05 27.5	
STKA	Stevens Creek	36.99 252	P	P	16 05 41.1	-0.1
STKA	comp=Z, 2.3nm, 0.6s, baz=106, slow=13, SNR=11				16 19 24.6	
STKA	Stevens Creek	36.99 252	P	P	16 05 41.0	-0.1
STKA	comp=Z, 445nm, 18.3s, baz=65, slow=34				16 05 41.0	-0.1
SBOD	Buckland	41.59 269	P	P	16 07 17.8	-1.8
AS31	Alice Springs	45.09 263	P	P	16 06 45.8	-2.3
ASAR	Alice Springs	45.09 263	P	P	16 06 46.0	-2.0
ASAR	comp=Z, 3.9nm, 0.8s, baz=96, slow=6.6, SNR=23					
ASAR	Alice Springs	45.09 263	P	P	16 06 45.8	-2.3
WRD	Warramunga Arr	45.60 268	IAMB	IAMB	16 06 49.8	-2.3
WRD	comp=Z, 9.2nm, 0.8s				16 06 54.0	
WB2	Warramunga Arr	45.78 268	P	P	16 06 51.0	-2.5
WB2	comp=Z, 14nm, 0.8s				16 06 55.0	
WRAB	Tennant Creek	45.78 268	P	P	16 06 51.3	-2.2
WRAB	comp=Z, 12nm, 0.8s				16 06 54.9	
WRA	Warramunga Arr	45.79 268	P	P	16 06 51.5	-2.1
WRA	comp=Z, 12nm, 0.7s, baz=108, slow=7.6, SNR=43					
WRA	Warramunga Arr	45.79 268	P	P	16 06 51.0	-2.5
WBO	Warramunga Arr	45.80 268	P	P	16 06 51.4	-2.3
FORT	Forrest	48.61 252	P	P	16 07 12.9	-2.6
HPAH	Hawaii Prepara	50.83 25	P	P	16 07 33.1	+0.7
MTN	Manton Dam	51.26 275	IAMB	IAMB	16 07 38.4	-1.4
MTN	comp=Z, 12nm, 1.1s				16 07 36.3	
SBA	Scott Base	51.46 185	P	P	16 07 38.5	+2.1
SBA	comp=Z, 2.33nm, 1.4s				16 07 57.5	
VNDA	Vanda	51.55 186	P	P	16 07 40.7	+3.6
VNDA	comp=Z, 0.8nm, 0.7s, baz=46, slow=6.5, SNR=6.9					
VNDA	Vanda	51.55 186	P	P	16 07 37.8	+0.7
KNRA	Kunurra	52.25 271	IAMB	IAMB	16 07 42.2	-0.9
KNRA	comp=Z, 1.9nm, 0.7s				16 07 45.7	
SIJ	Sorong	56.80 288	P	P	16 08 14.9	-1.4
SIJ	comp=Z, 13nm, 0.7s, baz=108, slow=13, SNR=4.7					
SOEI	Soe	56.66 275	IAMB	IAMB	16 08 28.6	-0.9
SOEI	comp=Z, 1.8nm, 0.9s				16 08 55.3	
CASY	Casey	58.85 207	P	P	16 08 30.4	+0.5
BATI	Baumata	59.00 274	P	P	16 08 31.8	+0.1
BATI	comp=Z, 1.1nm, 0.5s, baz=53, slow=2.3, SNR=4.2					
MORW	Morawa	59.16 251	P	P	16 08 30.6	-2.1
MORW	comp=Z, 1.3nm, 1.1s				16 08 54.1	
GIRL	Giralia	62.66 257	P	P	16 08 56.6	+0.1
JAGI	Jagaj Banyuwa	66.09 30.8	P	P	16 09 30.8	+1.9
JGM	Jaganaga	71.69 270	P	P	16 09 52.1	-1.9
BELA	Belgrano 2	72.83 172	P	P	16 10 00.3	+0.5
BELA	comp=Z, 6.1nm, 0.8s				16 10 27.4	
MAW	Mawson	75.75 310	P	P	16 10 17.4	-0.1
MAW	comp=Z, 4.3nm, 0.7s, baz=152, slow=8.6, SNR=6.9				16 10 20.0	+1.7
MAW	Mawson	75.99 200	P	P	16 10 19.6	+1.3
INU	Inuyama	76.29 322	P	P	16 10 21.0	+0.6
INU	comp=Z, 1.8nm, 1.1s				16 10 35.3	
JGF	Kuroka	76.29 322	P	P	16 10 19.6	-0.8
JGF	comp=Z, 9.2nm, 0.8s				16 10 21.4	
MJAR	Matsushiro Arr	76.54 324	P	P	16 10 21.8	0.0
MJAR	comp=Z, 6.8nm, 0.8s, baz=164, slow=5.2, SNR=14					
MJAR	Matsushiro Arr	76.54 324	P	P	16 10 19.8	-2.0
MJAR	comp=Z, 4.6nm, 0.8s				16 10 23.1	
MAT	Matsushiro	76.54 324	P	P	16 10 21.2	-0.6
JMN	Monobe	76.89 319	P	P	16 10 24.1	+0.2
JWT	Wachi	77.14 321	P	P	16 10 24.6	-0.6
JSU	Suzuyama	77.42 315	P	P	16 10 27.4	+0.5
AMKA	Amchitka	78.22 357	P	P	16 10 30.6	-0.2
JHS	Saijyo	78.23 319	IAMB	IAMB	16 10 31.2	-0.2
JHS	comp=Z, 2.2nm, 1.3s				16 10 41.5	
JNU	Nakatsue	78.26 317	P	P	16 10 30.4	-1.2
JNU	comp=Z, 2.6nm, 1.3s				16 10 31.1	
JTM	Tenmabayashi	78.37 328	P	P	16 10 32.3	+0.4

SNA4	Sanae	81.40 178	P	P	16 10 48.9	+0.7
SNA3	Sanae	81.40 178	P	P	16 10 48.6	+0.5
SNA4	Neumayer Olymp	81.48 176	P	P	16 10 48.9	+0.4
VNA2	Neumayer-Watz	81.94 176	P	P	16 10 51.3	+0.5
VNA1	Neumayer-Stat	82.16 176	P	P	16 10 53.0	+1.0
KSR5	Kosyr	82.97 318	P	P	16 10 56.6	0.0
KSR5	comp=Z, 2.2nm, 0.8s, baz=139, slow=6.2, SNR=16					
KSAR	Wojny Arr	82.98 318	P	P	16 10 56.7	0.0
PETK	Petrovavlovsk	83.06 344	P	P	16 10 57.3	+0.5
PETK	comp=Z, 5.8nm, 0.8s, baz=167, slow=9.9, SNR=8.1					
BEKTR	Beckwith	84.41 40	P	P	16 11 04.3	0.0
LHV	Little Huntton	84.42 42	IAMB	IAMB	16 11 04.9	+0.8
LHV	comp=Z, 6.6nm, 1.2s				16 11 25.5	
YERR	Yerrioting	84.47 41	IAMB	IAMB	16 11 04.9	+0.3
YERR	comp=Z, 5.7nm, 1.1s				16 11 16.0	+0.4
NVAR	Mina Array Bay	84.66 42	P	P	16 11 06.0	+0.4
NVAR	comp=Z, 1.2nm, 0.8s, baz=221, slow=9.0, SNR=7.4					
RYN	Mina Array Bay	84.66 42	P	P	16 11 05.4	-0.2
RYN	comp=Z, 2.5nm, 0.8s, baz=242, slow=9.0, SNR=4.5				16 11 05.9	+0.4
NV11	Mina Array Sit	84.75 42	IAMB	IAMB	16 11 05.6	-0.3
NV11	comp=Z, 5.9nm, 1.2s				16 11 27.9	
TPNV	Topopah Spring	84.95 44	P	P	16 11 06.1	-1.0
TPNV	comp=Z, 6.1nm, 1.1s				16 11 22.3	
KVN	Kaiserville	85.18 41	P	P	16 11 08.0	-0.2
USRK	Ussuriysk Arr	85.37 325	P	P	16 11 09.7	+1.0
USRK	comp=Z, 2.5nm, 0.8s, baz=167, slow=9.9, SNR=8.1					
NJ2	Nanjing	85.42 309	eP	Pmax	16 11 10.4	+1.2
NJ2	comp=Z, 10.0nm, 0.5s					
PRN	Pahroc Range	85.98 44	P	P	16 11 12.9	+0.8
PRN	comp=Z, 7.8nm, 1.1s				16 11 39.1	
U15A	North Rim	87.14 46	P	P	16 11 18.2	+0.2
U15A	comp=Z, 5.5nm, 1.1s				16 11 33.7	
GSI	Mount Pierson	87.34 273	P	P	16 11 18.2	-1.0

17d 16h

2015 AUG

Table with columns: ATD, Arta Tunnel, SNR, 8.95, 257, P, Pn, 16 19 10.3, +1.3, etc.

Table with columns: BHL, Bhannes, 24.82, 327, eP, P, 16 22 21.9, -0.2, etc.

Table with columns: ILGA, comp=Z,7,um,21.0s, IAMS_20, IAMS_20, 16 27 37.2, etc.

17d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CONA, OKC, KHLT, CM32, etc.

2015 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like DPC, PHET, CKRC, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BRG, DAVOX, PRGR, etc.

MFEF	Metsahovi	50.55 343	eP	P	16 25 58.5	+0.6
RGN	Rugen	50.55 332	IAMS_20	IAMS_20	16 49 51.1	
TNS	Tauinus Mts	50.56 325	eP	P	16 25 56.9	-1.4
CD2	Chengdu	50.61 61	P	P	16 35 12.8	-0.9
CD2			ScS	ScS	16 33 43.5	-6.9
CD2	comp=Z,70nm,1.1s		pmax	pmax		
CD2	comp=Z,310nm,12.7s		LR	LR		
CD2	comp=Z,2µm,19.7s		LR	LR		
CD2	comp=Z,2µm,22.4s		LR	LR		
SSB	Saint Sauveur	50.70 318	P	P	16 25 57.2	-2.2
SSB			pmax	pmax		
SSB	comp=Z,42nm,1.4s		MLR	MLR		
SSB	comp=Z,1µm,20.0s					
NRDL	Niedersach Rie	50.70 318	P	P	16 25 57.1	-2.2
NRDL			pmax	pmax		
NRDL	comp=Z,54nm,1.3s,baz=124,slow=7.7		P	P	16 26 00.4	-0.1
JRMM	Jerantut	50.99 326	eP	P	16 26 01.0	-0.9
KASTN	Kahler Asten	51.09 326	eP	P	16 26 01.0	-1.0
KASTN	comp=Z,1.2s,baz=124,slow=7.7		P	P	16 26 01.3	-0.8
FIAl	FIINESS Array S	51.11 344	P	P	16 26 01.6	-0.5
FIAl			IAMB	IAMB	16 26 12.6	
FINES	FINES Array B	51.11 344	P	P	16 26 01.6	-0.5
FINES	comp=Z,190nm,0.7s,baz=142,slow=8.9,SNR=45		LR	LR	16 50 33.6	
FINES	FINES Array B	51.11 344	iP	P	16 26 01.7	-0.3
FINES			pmax	pmax		
FINES	comp=Z,180nm,0.7s					
FINES	FINES Array B	51.11 344	P	P	16 26 01.1	-0.9
AHRW	Bad Neuenahr-A	51.48 325	eP	P	16 26 04.5	-0.5
AHRW			P	P	16 26 05.3	-0.5
WLF	Walferdange	51.59 324	eP	P	16 26 04.5	-1.4
WLF			pmax	pmax		
WLF	comp=Z,76nm,1.1s		MLR	MLR		
WLF	Walferdange	51.59 324	P	P	16 26 04.5	-1.4
WLF			IAMB	IAMB	16 26 15.9	
WLF	comp=Z,76nm,1.1s					
WLF	Walferdange	51.59 324	eP	P	16 26 05.1	-0.7
WLF	comp=Z,69nm,1.1s,baz=124,slow=7.7		P	P	16 26 04.9	-0.9
BSEG	Bad Segeberg	51.60 330	eP	P	16 26 03.5	-2.9
BSEG			pmax	pmax		
COCO	West Island	51.60 118	P	P	16 26 03.5	-2.9
COCO			IAMB	IAMB	16 26 09.3	
COCO	comp=Z,80nm,1.1s					
COCO	West Island	51.60 118	P	P	16 26 08.0	+1.5
COCO			IAMB	IAMB	16 26 06.9	-0.6
COCO	comp=Z,80nm,1.1s					
FIGM	Figium	51.60 300	P	P	16 26 08.4	+0.7
BUG	Bochum-Universität	51.82 326	eP	P	16 26 08.9	+0.4
BUG	comp=Z,99nm,1.9s,baz=124,slow=7.7		P	P	16 26 11.8	-0.3
AAL	Aland	51.87 340	eP	P	16 26 08.6	-0.3
RAL	Rauma	51.97 342	eP	P	16 26 08.4	+0.7
BHOJ	Houvezeg	51.99 324	eP	P	16 26 08.9	+0.4
BHOJ			pP	pP	16 26 11.8	-0.3
IBBN	Ibbenburen	52.00 327	eP	P	16 26 08.6	-0.3
IBBN	comp=Z,647nm,3.1s,baz=124,slow=7.7		P	P	16 26 09.5	+0.2
BTNL	Terneil	52.03 325	eP	P	16 26 09.7	-0.1
BTNL			P	P	16 26 09.7	-0.1
MEM	Membach	52.11 325	eP	P	16 26 28.6	
MEM			P	P	16 26 18.5	
MEM			P	P	16 26 28.6	
BSTI	Sart Tilman	52.35 324	eP	P	16 26 18.5	
BSTI			P	P	16 26 29.4	
BSTI			P	P	16 26 34.4	
CART	Cartagena	52.36 307	P	P	16 26 08.9	-2.9
CART			P	P	16 33 37.0	-0.4
BEBN	Eben Emael	52.39 325	eP	P	16 26 14.4	+0.4
BEBN			P	P	16 26 30.5	
BCLA	Clavier	52.42 324	eP	P	16 26 11.2	-0.9
BCLA			P	P	16 26 31.9	
UPP	Uppsala	52.43 339	eP	P	16 26 12.7	+0.8
BGES	Gesves	52.43 324	eP	P	16 26 12.6	+0.2
BGES			P	P	16 26 22.6	
BMRD	Maredsous	52.67 324	eP	P	16 26 13.6	-0.3
BMRD			P	P	16 26 27.7	+2.9
BMRD			P	P	16 26 13.6	-0.4
DOU	Dourbes	52.68 324	eP	P	16 26 21.8	
DOU			P	P	16 26 34.5	
DOU			P	P	16 26 14.8	-0.4
GYA	Guiyang	52.76 67	iP	P	16 27 25.3	+0.6
GYA			P	P	16 28 16.9	+2.4
GYA			P	P	16 33 40.5	-3.1
GYA			P	P	16 37 20.1	-2.2
GYA	comp=Z,26nm,1.2s		pmax	pmax		
GYA	comp=Z,610nm,4.3s		LR	LR		
GYA	comp=Z,800nm,16.4s		LR	LR		
GYA	comp=Z,1µm,21.5s		LR	LR		
GYA	comp=Z,3µm,20.9s		LR	LR		
BTDF	Bukit Timah Da	52.90 99	P	P	16 26 16.4	+0.2
BTDF	comp=Z,424nm,comp=Z,29nm,1.4s		P	P	16 26 19.0	+2.0
JBK	JBK	53.01 303	P	P	16 26 21.0	+4.3
SNF	Senefite	53.04 324	eP	P	16 26 35.2	
SNF			P	P	16 26 19.7	+0.3
KSI	Kapahiang	53.33 105	P	P	16 26 19.2	-0.8
KSI	comp=Z,264nm,0.9s		P	P	16 26 33.7	+1.2
MELI	Melilla	53.46 304	P	P	16 26 20.0	-0.5
MELI			P	P	16 26 20.0	-0.5
MELI			P	P	16 26 22.0	+0.5
MUD	Monsted U'grnd	53.58 332	iP	P	16 26 22.9	-1.0
MUD			P	P	16 26 30.9	-0.7
EGSI	Enggano, Bengk	53.63 107	P	P	16 26 22.0	+0.5
EGSI	comp=Z,82nm,0.9s					
KOWA	Kowa	53.96 278	P	P	16 26 22.9	-1.0
ARF	Arif	54.02 299	P	P	16 26 26.1	+1.8
HFS	Hagfors	54.03 338	LR	LR	16 52 54.9	
HFS	comp=Z,2µm,19.1s,baz=137,slow=4.0					
LHSI	Lahat	54.26 105	P	P	16 26 25.8	-0.3
LHSI	comp=Z,3µm,comp=Z,116nm,1.1s		P	P	16 26 26.8	-1.1
PVLZ	Peaen de	54.54 303	P	P	16 26 34.6	+9.1
PVLZ			P	P	16 26 31.2	+3.2
MOY	Mondy	54.58 35	eP	P	16 26 28.4	+0.1
MOY			P	P	16 26 35.6	-3.6
MOY			P	P	16 34 07.0	-1.7
SUR	Sutherland	54.58 212	P	P	16 26 32.0	+1.9
UCM	Universidad Co	54.65 310	P	P	16 26 33.0	+2.2
UCM			P	P	16 26 27.9	-2.5
LCRM	LCR	54.80 302	P	P	16 34 11.3	-0.6
CZD	Col de Zad	54.88 301	P	P	16 30 08.7	
EMAL	Malaga-Limoner	54.89 305	P	P	16 34 14.1	+0.1
EMAL			P	P	16 34 11.3	-0.6
IFR	Ifrane	55.01 301	P	P	16 34 14.1	+0.1
IFR			P	P	16 34 11.3	-0.6
ES09	SONSECA Array	55.01 309	IAMS_20	IAMS_20	16 53 24.2	
ES09	comp=Z,2µm,18.0s					
OSL	Oslo	55.03 336	eP	P	16 26 31.2	+0.2
ESB	Sonsec Array	55.06 309	P	P	16 26 30.9	-0.7
ESB			IAMB	IAMB	16 26 32.4	
ESB	comp=Z,65nm,1.1s					
ESDC	Sonsec Array	55.06 309	P	P	16 26 31.0	-0.7
ESDC			P	P	16 49 08.6	
ESDC	comp=Z,38nm,1.0s,baz=87,slow=6.2,SNR=117		LR	LR	16 26 32.3	
ESDC	comp=Z,1µm,21.8s,baz=135,slow=3.5					
ESDC	Sonsec Array	55.06 309	P	P	16 26 30.7	-1.0
ESDC			IAMB	IAMB	16 26 32.3	
ESDC	comp=Z,54nm,1.1s					
MDSI	Maura Dua	55.10 105	P	P	16 26 31.3	-0.9
MDSI			P	P	16 26 31.0	-0.3
APA	Apacity	55.12 352	iP	P	16 26 34.0	+3.9
APA			P	P	16 34 26.0	+2.1
APA			P	P	16 36 21.0	+2.1
APA			pmax	pmax		
APA			P	P	16 26 34.0	+1.7
TZRR	Tazzarine	55.12 298	P	P	16 26 31.6	-0.9
PMBI	Palembang	55.14 103	P	P	16 26 31.6	-0.9

LWLI	Liwa	55.17 106	eP	P	16 26 32.8	-0.1
LWLI	comp=Z,3µm,comp=Z,180nm,0.5s		P	P	16 26 31.5	-1.0
NC602	NORSAR Array S	55.23 337	eP	P	16 26 31.1	-1.4
NC602			IAMB	IAMB	16 26 42.0	
NC602	comp=Z,46nm,0.8s					
LVZ	Lovozero	55.25 352	eP	P	16 26 33.0	+0.5
LVZ			pmax	pmax		
LVZ	comp=Z,39nm,1.0s					
LVZ	Lovozero	55.25 352	P	P	16 26 31.8	-0.7
LVZ			IAMB	IAMB	16 26 42.4	
LVZ	comp=Z,72nm,1.1s					
KONO	Kongsberg	55.30 336	iP	P	16 50 50.8	
KONO			pmax	pmax		
KONO	comp=Z,51nm,1.6s					
KONO	Kongsberg	55.30 336	eP	P	16 26 33.3	+0.3
KONO			P	P	16 26 32.5	-0.4
KONO	Kongsberg	55.30 336	IAMS_20	IAMS_20	16 54 16.8	
PAB	San Pablo	55.33 309	P	P	16 26 32.8	-0.8
PAB			pmax	pmax		
PAB	comp=Z,82nm,1.3s		MLR	MLR		
PAB	San Pablo	55.33 309	P	P	16 26 32.8	-0.8
PAB			IAMB	IAMB	16 26 34.4	
PAB	comp=Z,1µm,19.0s					
PAB	San Pablo	55.33 309	P	P	16 26 34.0	+0.4
PAB			P	P	16 26 33.6	-0.1
XAN	Xi'an	55.33 58	P	P	16 28 42.9	+5.5
XAN			P	P	16 34 23.3	+5.2
XAN			pmax	pmax		
XAN	comp=Z,23nm,1.3s					
XAN	comp=Z,600nm,4.9s		pmax	pmax		
XAN	comp=Z,810nm,18.6s		LR	LR		
XAN	comp=Z,1µm,19.6s		LR	LR		
XAN	comp=Z,930nm,19.6s		LR	LR		
ZAK	Zakamensk	55.38 38	eP	P	16 26 33.3	-0.5
ZAK			P	P	16 28 34.0	
ZAK			pmax	pmax		
ZAK	comp=Z,26nm,1.3s		pmax	pmax		
ZAK	comp=Z,14nm,1.5s					
NC405	NORSAR Array S	55.41 338	P	P	16 26 31.7	-2.0
NC405			IAMB	IAMB	16 26 42.4	
ENH	Enshi	55.46 63	P	P	16 26 33.0	-1.7
CEU	Ceuta	55.51 304	P	P	16 26 34.4	+0.5
CEU			P	P	16 34 26.5	+6.3
CEU			P	P	16 26 33.2	-1.4
NB201	NORSAR Array S	55.53 337	IAMB	IAMB	16 26 59.1	
NB201			IAMB	IAMB	16 26 33.7	-1.1
NB2	NORSAR Subarra	55.55 337	P	P	16 26 33.7	-1.1
NB2	comp=Z,101nm,1.7s,baz=122,slow=7.9					
NB2	NORSAR Subarra	55.55 337	P	P	16 26 33.6	-1.1
NOA	NORSAR Array B	55.55 337	P	P	16 26 33.7	-1.1
NOA	comp=Z,9.7nm,1.1s,baz=123,slow=7.7,SNR=11		LR	LR	16 53 40.1	
NOA	comp=Z,1µm,18.3s,baz=125,slow=40					
NC303	NORSAR Array S	55.61 338	P	P	16 26 32.5	-2.7
NB000	NORSAR Array S	55.71 337	P	P	16 26 34.2	-1.7
NB000			IAMB	IAMB	16 26 43.2	
NB000	comp=Z,116nm,1.4s					
KASI	Kota Agung	55.75 107	P	P	16 26 37.5	+0.6
KASI	comp=Z,2µm,comp=Z,159nm,1.0s		P	P	16 26 40.6	+3.4
QIZ	Qiongzong	55.79 76	P	P	16 34 21.3	-3.2
QIZ			P	P	16 38 12.5	+2.2
QIZ			SS	SS		
QIZ	comp=Z,72nm,1.5s		pmax	pmax		
QIZ	comp=Z,1µm,25.5s		LR	LR		
QIZ	comp=Z,710nm,18.8s		LR	LR		

ANK	Nome	97.00	15	IAMS_20	IAMS_20	17 17 49.2
STK	Stevens Creek	97.01 121	LR	LR		17 09 38.2
HAL	Halifax	97.56 319	IAMS_20	IAMS_20		17 16 07.1
LMN	Caledonia Moun	97.74 321	IAMS_20	IAMS_20		17 18 39.8
INK	Inuvik	98.09	2 LR	LR		17 20 24.7
INK	Inuvik	98.09	2	IAMS_20	IAMS_20	17 19 51.1
PQI	Presque	99.26 323	IAMS_20	IAMS_20		17 22 35.9
MLY	Manley	99.64	9	IAMS_20	IAMS_20	17 22 35.0
D62A	Allapoint, All	99.65 323	IAMS_20	IAMS_20		17 19 55.0
G65A	Princeton	99.75 321	IAMS_20	IAMS_20		17 19 39.9
EMMW	East Machias	99.93 321	IAMS_20	IAMS_20		17 19 44.9
POKR	Poker Plat Res	100.05	8	IAMS_20	IAMS_20	17 20 35.9
MDM	Murphy Dome	100.09	8	IAMS_20	IAMS_20	17 22 46.8
TCOL	CIGO, UAF Yank	100.22	8	IAMS_20	IAMS_20	17 24 16.4
COLA	College	100.22	8	IAMS_20	IAMS_20	17 24 05.4
NEA2	Nenana	100.31	9	IAMS_20	IAMS_20	17 23 20.7
CCB	Clear Creek Bu	100.44	8	IAMS_20	IAMS_20	17 22 57.3
ILAR	Eielson Array	100.45	8 PP	PP	16 34 52.7 +0.3	
WRH	Wood River Hill	100.57	9	IAMS_20	IAMS_20	17 23 10.6
BWN	Browne	100.64	9	IAMS_20	IAMS_20	17 24 06.2
PKME	Peaks-Kenny Pk	100.76 322	IAMS_20	IAMS_20		17 23 08.5
F62A	Pittsford Farm,	100.82 323	IAMS_20	IAMS_20		17 23 25.1
EGAK	Eagle	101.11	6	IAMS_20	IAMS_20	17 21 34.8
MCK	McKinley	101.14	9	IAMS_20	IAMS_20	17 23 10.7
WVL	Waterlily	101.35 322	IAMS_20	IAMS_20		17 17 37.3
RND	Reindeer	101.46	9	IAMS_20	IAMS_20	17 23 30.1
G62A	West of Eugene	101.52 322	IAMS_20	IAMS_20		17 21 17.7
SCRK	Sand Creek	101.58	7	IAMS_20	IAMS_20	17 21 52.5
RIDG	Independent Ri	101.71	7	IAMS_20	IAMS_20	17 20 58.7
DOT	Dot Lake	101.89	7	IAMS_20	IAMS_20	17 20 43.6
CUT	Chulitna	102.16	10	IAMS_20	IAMS_20	17 22 51.7
I63A	Otisfield	102.19 321	IAMS_20	IAMS_20		17 21 19.3
H62A	Milan	102.24 322	IAMS_20	IAMS_20		17 21 31.9
SKT	Skwentzi	102.33	11	IAMS_20	IAMS_20	17 26 08.1
PAX	Paxson	102.37	8	IAMS_20	IAMS_20	17 24 40.1
MENT	Mentasta	102.62	7	IAMS_20	IAMS_20	17 21 26.9
L27K	Beaver Creek,	102.72	6	IAMS_20	IAMS_20	17 25 29.4
I62A	Tamworth	102.74 322	IAMS_20	IAMS_20		17 25 54.0
LBNH	Lisbon	102.89 322	IAMS_20	IAMS_20		17 21 57.9
M24K	Tolsona, Glenn	103.10	9	IAMS_20	IAMS_20	17 17 17.4
VT1	Waterbury	103.33 323	IAMS_20	IAMS_20		17 26 51.6
FIS	Fire Island	103.35	11	IAMS_20	IAMS_20	17 18 25.0
RC01	Rabbit C	103.48	11	IAMS_20	IAMS_20	17 24 58.6
L64A	Middleborough	103.49 320	IAMS_20	IAMS_20		17 20 39.0
K63A	Dunstab	103.51 321	IAMS_20	IAMS_20		17 25 14.4
M65A	Busby, Falmout	103.57 319	IAMS_20	IAMS_20		17 21 35.9
KLU	Klutina	103.72	9	IAMS_20	IAMS_20	17 24 21.9
N25K	Chitina, Valde	103.80	8	IAMS_20	IAMS_20	17 25 03.9
M64A	Tiverton	103.93 320	IAMS_20	IAMS_20		17 21 45.7
BRYW	Bryant College	103.94 320	IAMS_20	IAMS_20		17 20 52.8
PWL	Port Wells	103.94	10	IAMS_20	IAMS_20	17 22 44.8
K62A	Royalston	103.95 321	IAMS_20	IAMS_20		17 26 44.2
L63A	North Scituate	104.01 320	IAMS_20	IAMS_20		17 20 53.8
O22K	Cooper Arding	104.05	11	IAMS_20	IAMS_20	17 27 12.7
GLB	Gilahina Butte	104.06	8	IAMS_20	IAMS_20	17 25 55.8
DIV	Divide	104.09	9	IAMS_20	IAMS_20	17 20 18.6
MCARA	McCarthy VSAT	104.21	7	IAMS_20	IAMS_20	17 24 28.9
VRDI	Verde Repeater	104.31	8	IAMS_20	IAMS_20	17 24 53.5
BMRM	Bremner River	104.41	8	IAMS_20	IAMS_20	17 25 20.1
HOM	Homer	104.45	12	IAMS_20	IAMS_20	17 21 18.1
SEW	Seward	104.45	11	IAMS_20	IAMS_20	17 26 48.3
BRLK	Bradley Lake	104.50	12	IAMS_20	IAMS_20	17 21 39.8
EYAK	Cordova Ski Ar	104.65	9	IAMS_20	IAMS_20	17 23 35.3
CNPM	China Poot	104.65	12	IAMS_20	IAMS_20	17 21 22.6
HIN	Hinchinbrook I	104.68	9	IAMS_20	IAMS_20	17 25 01.1
BARN	Barnard Glacie	104.69	7	IAMS_20	IAMS_20	17 26 20.5
CRQM	Cirque	104.81	7	IAMS_20	IAMS_20	17 25 07.9
CTGM	Chitina Glacie	104.82	7	IAMS_20	IAMS_20	17 26 23.9
TGL	Tana Glacie	104.85	7	IAMS_20	IAMS_20	17 25 10.7
RAGM	Ragged Mounta	104.96	8	IAMS_20	IAMS_20	17 21 08.5
LOGN	Logan Glacie	104.99	6	IAMS_20	IAMS_20	17 27 29.5
HMT	Hamilton	105.06	8	IAMS_20	IAMS_20	17 25 51.5
UNV	Unalaska Valle	105.20	22	IAMS_20	IAMS_20	17 26 21.2
TABL	Table Mountain	105.35	7	IAMS_20	IAMS_20	17 27 00.1
YAH	Yahitse	105.36	7	IAMS_20	IAMS_20	17 22 29.3
MESA	MESA	105.52	7	IAMS_20	IAMS_20	17 25 44.4
PCA	Pinnacle	105.78	6	IAMS_20	IAMS_20	17 24 28.5
BCPM	Bancas Point	105.99	6	IAMS_20	IAMS_20	17 27 05.9
K57A	Scipio Center	106.48 323	IAMS_20	IAMS_20		17 21 05.9
BINY	Binghamton	106.49 322	IAMS_20	IAMS_20		17 23 53.2
SADO	Sadowa	106.70 326	IAMS_20	IAMS_20		17 23 15.3
J55A	Hilton	106.91 324	IAMS_20	IAMS_20		17 29 37.9
N59A	State Game Lan	107.12 321	IAMS_20	IAMS_20		17 25 44.0
P61A	Hampton	107.24 320	IAMS_20	IAMS_20		17 23 42.3

ANWB	Willy Bob	107.37 294	IAMS_20	IAMS_20		17 20 18.4
J54A	Appleton	107.37 324	IAMS_20	IAMS_20		17 20 59.3
L56A	Greenleaf	107.46 323	IAMS_20	IAMS_20		17 21 45.7
M57A	Sunshine Farm,	107.69 322	IAMS_20	IAMS_20		17 24 31.0
N58A	Sunbury	107.74 321	IAMS_20	IAMS_20		17 21 06.4
FDF	Fort de France	108.27 291	IAMS_20	IAMS_20		17 25 32.4
FFC	Flin Flon	108.25 344	IAMS_20	IAMS_20		17 23 46.6
SMRT	St. Maarten	108.38 294	IAMS_20	IAMS_20		17 18 60.0
SSPA	Standing Stone	108.57 322	IAMS_20	IAMS_20		17 23 01.4
M54A	Oil Creek Stat	109.08 323	IAMS_20	IAMS_20		17 29 38.5
GRGR	Grenville	109.15 288	IAMS_20	IAMS_20		17 20 06.9
O56A	Blue Knob Stat	109.21 322	IAMS_20	IAMS_20		17 29 52.2
I49A	Point Hope	109.23 327	IAMS_20	IAMS_20		17 24 35.2
GLMI	Graying	109.55 329	IAMS_20	IAMS_20		17 25 07.2
M53A	W J Miller and	109.70 324	IAMS_20	IAMS_20		17 26 20.1
CBN	Corbin Frederi	109.73 320	IAMS_20	IAMS_20		17 25 36.2
K50A	Casco	109.91 326	IAMS_20	IAMS_20		17 24 56.3
G45A	Suttons Bay	109.92 329	IAMS_20	IAMS_20		17 24 28.1
T60A	Surry	109.95 318	IAMS_20	IAMS_20		17 28 53.2
M52A	Chesterland	110.03 324	IAMS_20	IAMS_20		17 27 08.6
R58B	Miners	110.19 320	IAMS_20	IAMS_20		17 25 59.5
N53A	Lisbon	110.21 323	IAMS_20	IAMS_20		17 27 27.4
ULM	Lac du Bonnet	110.23 338	IAMS_20	IAMS_20		17 22 43.5
O54A	Avella	110.34 323	IAMS_20	IAMS_20		17 23 23.0
Q56A	Snyder Ridge,	110.34 321	IAMS_20	IAMS_20		17 26 04.3
MCWV	Mont Chateau	110.36 322	IAMS_20	IAMS_20		17 24 37.5
EYMN	Ely	110.40 335	IAMS_20	IAMS_20		17 25 10.4
F42A	Maple Grove Fa	110.59 331	IAMS_20	IAMS_20		17 26 30.4
J47A	Summer	110.76 327	IAMS_20	IAMS_20		17 23 03.7
O53A	New Philadelphia	110.78 323	IAMS_20	IAMS_20		17 27 56.8
AAM	Ann Arbor	110.79 326	IAMS_20	IAMS_20		17 22 04.6
I45A	Fountain	110.92 329	IAMS_20	IAMS_20		17 26 07.8
B35A	Bob, Littleton	110.98 336	IAMS_20	IAMS_20		17 23 32.5
S57A	Dark Hollow, R	110.99 320	IAMS_20	IAMS_20		17 26 45.6
N51A	Ashland	111.01 324	IAMS_20	IAMS_20		17 25 32.7
SJG	San Juan	111.06 296	IAMS_20	IAMS_20		17 22 03.3
M50A	Fremont	111.06 325	IAMS_20	IAMS_20		17 26 54.9
U59A	Littleton	111.10 318	IAMS_20	IAMS_20		17 26 16.7
O52A	Adamsville	111.23 323	IAMS_20	IAMS_20		17 23 45.6
PTGA	Pitanga	111.24 275	IAMS_20	IAMS_20		17 25 12.3
H43A	Windswept, L	111.37 330	IAMS_20	IAMS_20		17 30 34.4
Q54A	Coxs Mills	111.38 322	IAMS_20	IAMS_20		17 28 09.5
P53A	Whipple	111.38 323	IAMS_20	IAMS_20		17 30 17.6
R55A	Marlinton	111.39 321	IAMS_20	IAMS_20		17 25 41.0
L48A	N Adams	111.46 326	IAMS_20	IAMS_20		17 22 45.2
E38A	The Farm, Brul	111.48 334	IAMS_20	IAMS_20		17 25 25.0
T57A	Hurt	111.65 319	IAMS_20	IAMS_20		17 30 06.0
P52A	Cornhill	111.72 323	IAMS_20	IAMS_20		17 28 41.4
ACSO	Alum Creek Sta	111.81 324	IAMS_20	IAMS_20		17 25 56.7
CNMC	Cliffs of the	111.82 317	IAMS_20	IAMS_20		17 26 33.9
AGNN	Agassiz Nation	111.85 337	IAMS_20	IAMS_20		17 24 44.3
G40A	Rib Lake	111.91 332	IAMS_20	IAMS_20		17 24 36.6
RUBB	Prince Rupert	112.18	1	IAMS_20	IAMS_20	17 28 51.7
Q52A	Bidwell	112.24 323	IAMS_20	IAMS_20		17 31 45.3
BLA	Blacksburg	112.25 320	IAMS_20	IAMS_20		17 27 32.7
V58A	Windy Hill, Pi	112.29 318	IAMS_20	IAMS_20		17 27 03.2
I42A	Drago Farm	112.35 330	IAMS_20	IAMS_20		17 31 12.2
L46A	Eue Claire	112.40 327	IAMS_20	IAMS_20		17 26 49.9
S54A	Dunge, Beck	112.42 321	IAMS_20	IAMS_20		17 29 21.3
R53A	Hurricane	112.47 322	IAMS_20	IAMS_20		17 28 58.4
O49A	Covington	112.61 325	IAMS_20	IAMS_20		17 26 55.7
U56A	King	112.76 320	IAMS_20	IAMS_20		17 29 20.3
Y60A	Bolivia	112.77 316	IAMS_20	IAMS_20		17 26 54.0
O51A	Peebles	112.83 323	IAMS_20	IAMS_20		17 24 43.7
N47A	Urbana	112.88 326	IAMS_20	IAMS_20		17 24 54.7
F36A	Mitac	112.90 334	IAMS_20	IAMS_20		17 26 46.5
K43A	Burlington	112.94 329	IAMS_20	IAMS_20		17 30 21.0
I40A	Rowland	113.16 331	IAMS_20	IAMS_20		17 26 55.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like I23K, CCB, SCRK, etc.

IDC 17 17:03:56.82.1.130N, 126.11E, h0km, mb3.1/3, mb1 3.3/3, mb1mx3.1/25, mb1mp3.1/3, Error ellipse: s-maj=192.8km s-min=26.2km az=65.0, Northern Molucca Sea

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

THR 17 17:36:00.9.0.8.36.35N, 155.28E, h6km, mb4.4 TEH 17 17:36:00.7.36.34N, 155.28E, h8km, ML4.5

MOS 17 17:36:01.2.2.0.36.48N, 155.54E, h10km, mb4.4/8, Error ellipse: s-maj=5.5km s-min=4.8km az=125.6

IDC 17 17:36:01.6.1.0.36.22N, 155.28E, h11km, mb3.9/1.6, mb1 4.1/21, mb1mx3.9/47, mb1mp4.0/21, ML4.0/5, MS3.5/6, Ms1 3.5/6, ms1mx3.0/56, Error ellipse: s-maj=18.4km s-min=12.7km az=11.0

NEIC 17 17:36:02.9.2.4.36.29N, 109.55.45E, 0.08, h15km, Error ellipse: s-maj=12.8km s-min=9.1km az=173.0

NCC 17 17:36:06.7.4.0.37.05N, 155.32E, h0km, mb4.1, Error ellipse: s-maj=48.0km s-min=34.3km az=12.0

ISG 17 17:36:02.1.0.5.36.40N, 103.55.40E, 0.03, h9km, mb3km, h9km, pp-P, n303, e203/321, mb4.2/46, MS3.7/7, 24C-20D, Northern and central Iran

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like ILAS, IFIR, IPRN, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like KKAR, BTLS, BELG, etc.

MVCO	Mesa Verde	55.80 300	P	P	19 11 18.5 +1.3
MVCO	comp=Z,1.5nm,1.5s		I	Amb	19 11 19.3
RLMT	Red Lodge	56.06 310	P	P	19 11 19.3 +0.4
RLMT	comp=Z,1.1nm,1.2s		I	Amb	19 11 20.8
PD31	Pinedale Array	56.30 307	P	P	19 11 20.2 -0.5
PD31	comp=Z,6.6nm,1.1s		I	Amb	19 11 22.0
PDAR	Pinedale Array	56.30 307	P	P	19 11 20.5 -0.2
PDAR	comp=Z,2.2nm,1.0s,baz=103,slow=7.4,SNR=8.0		I	Amb	19 11 20.5 -0.2
BW06	Boulder Array	56.30 307	P	P	19 11 20.2 -0.5
BW06	comp=Z,10nm,1.3s		I	Amb	19 11 22.0
OJC	Ojcow	56.31 44	P	P	19 11 20.8 +0.5
GCMT	Greycliff	56.34 310	P	P	19 11 20.4 -0.5
EGMT	Eagleton	56.44 313	P	P	19 11 21.2 -0.2
YNE	Yellowstone No	56.58 310	P	P	19 11 22.8 +0.1
YNE	comp=Z,10nm,1.3s		I	Amb	19 11 46.8
LOHW	Long Hollow	57.04 308	P	P	19 11 25.2 -0.7
LOHW	comp=Z,8.4nm,1.4s		I	Amb	19 11 27.0
SRU	San Rafael Swe	57.23 303	P	P	19 11 27.4 +0.1
SRU	comp=Z,7.4nm,1.1s		I	Amb	19 11 28.8
YMR	Madison River	57.27 309	P	P	19 11 28.9 +1.3
YMR	comp=Z,6.8nm,0.7s		I	Amb	19 11 43.8
IMW	Indian Meadow	57.27 308	P	P	19 11 28.4 +0.7
IMW	comp=Z,7.3nm,1.1s		I	Amb	19 11 29.8
TPAW	Teton Pass	57.30 308	P	P	19 11 25.8 -2.0
TPAW	comp=Z,1.1nm,1.2s		I	Amb	19 11 28.8
BOZ	Bozeman (W)	57.72 310	P	P	19 11 30.4 -0.2
TMUT	Trail Mountain	57.75 303	P	P	19 11 30.8 -0.3
Q16A	Castle Valley	57.75 302	P	P	19 11 30.4 -0.6
TCUT	Toone Canyon	57.75 305	P	P	19 11 31.4 -0.2
JLU	Jordanelle	57.83 304	P	P	19 11 31.4 -0.2
HRU	Holter Researc	57.84 312	P	P	19 11 31.4 -0.0
HWY	Hardware Ranch	57.85 306	P	P	19 11 31.5 -0.2
HWUT	comp=Z,5.9nm,1.1s		I	Amb	19 11 33.0
MPU	Maple Canyon	58.02 304	P	P	19 11 32.5 -0.3
MPU	comp=Z,6.1nm,1.0s		I	Amb	19 11 34.1
TUC	Tucson	58.26 295	P	P	19 11 34.4 -0.1
TUC	comp=Z,7.9nm,1.4s		I	Amb	19 11 37.0
WUAZ	Wupatki	58.29 298	P	P	19 11 36.4 +1.6
WUAZ	comp=Z,8.7nm,1.2s		I	Amb	19 11 42.7
LRM	Limekiln Ridge	58.29 311	P	P	19 11 34.4 -0.3
NLU	North Lily Min	58.36 304	P	P	19 11 34.6 -0.6
NLU	comp=Z,9.1nm,1.4s		I	Amb	19 11 54.0
X16A	Lo Mia Camp, P	58.49 297	P	P	19 11 36.6 +0.3
SPUT	South Promonto	58.53 305	P	P	19 11 36.5 +0.1
SPUT	comp=Z,1.2nm,1.1s		I	Amb	19 11 38.1
MSU	Marysvale	58.58 302	P	P	19 11 37.0 +0.2
MCMT	McKenzie Canyo	58.61 309	P	P	19 11 38.1 +1.2
HWU	Hansel Valley	58.67 304	P	P	19 11 36.5 +1.4
DUG	Dugway, Toco	58.90 304	P	P	19 11 39.1 +0.2
DUG	comp=Z,5.3nm,1.0s		I	Amb	19 11 57.2
EDM	Edmonton	58.91 319	P	P	19 11 39.5 +0.8
SGU	Big Grassy Mou	59.00 305	P	P	19 11 32.5 +0.6
SGU	comp=Z,9.6nm,1.2s		I	Amb	19 12 03.5
CCUT	Cedar City	59.62 301	P	P	19 11 45.2 +1.1
CCUT	comp=Z,6.1nm,1.2s		I	Amb	19 11 46.5
HLID	Hailey	59.81 308	P	P	19 11 45.1 -0.1
HLID	comp=Z,6.5nm,1.4s		I	Amb	19 12 09.2
BURAR	Bucovina Array	59.86 47	P	P	19 11 46.2 +0.8
PSUT	Pine Spruce	59.96 303	P	P	19 11 46.2 +0.8
SPR3	Spring Creek 3	60.20 303	P	P	19 11 48.2 +0.1
SPR3	comp=Z,1.1nm,1.4s		I	Amb	19 11 50.0
YKA	Yellowknife Ar	60.28 330	P	P	19 11 48.0 +0.1
FINES	FINES Array B	60.68 311	P	P	19 11 51.1 +0.5
FINES	comp=Z,1.4nm,0.8s,baz=260,slow=7.4,SNR=3.7		I	Amb	19 11 51.4 +0.0
ELK	Elko	60.69 305	P	P	19 11 51.4 +0.0
MFID	Camas Ranch	60.84 308	P	P	19 11 53.1 +0.9
MFID	comp=Z,7.2nm,1.1s		I	Amb	19 11 54.2
NEW	Newport	61.37 314	P	P	19 11 55.4 -0.2
NEW	comp=Z,8.2nm,1.1s		I	Amb	19 12 13.3
ARCES	ARCCESS Array B	61.50 221	P	P	19 11 55.8 -0.3
ARCES	comp=Z,0.7nm,0.6s,baz=263,slow=7.0,SNR=7.7		I	Amb	19 12 16.1
ARCES	comp=Z,1.30nm,2.1s,baz=240,slow=32		I	Amb	19 12 16.1
ARCES	ARCCESS Array B	61.50 222	P	P	19 11 59.6 -1.4
C09A	Chrisman Ranch	62.17 313	P	P	19 12 24.0
C09A	comp=Z,5.2nm,0.8s		I	Amb	19 12 24.0
E09A	Wood Park	62.20 312	P	P	19 12 01.6 +0.4
BMN	Battle Mountai	62.22 305	P	P	19 12 02.2 +0.5
AKBB	Malin Array S1	62.33 44	P	P	19 12 01.2 -0.7
AKBB	comp=Z,5.0nm,1.2s		I	Amb	19 12 08.6
D08A	Wolman Farm,	62.68 312	P	P	19 12 03.7 -0.7
HAWA	Hanford	63.16 312	P	P	19 12 08.1 +0.5
E07A	Sunnyside	63.37 312	P	P	19 12 09.2 +0.2
ISA	Isabella, Lake	63.98 300	P	P	19 12 14.8 +1.5
ISA	comp=Z,5.2nm,0.9s		I	Amb	19 12 15.6
LLL	Lilloet	64.27 316	P	P	19 12 13.5 -1.4
MOD	Modoc Plateau	64.31 307	P	P	19 12 15.3 -0.1
MOD	comp=Z,1.1nm,1.4s		I	Amb	19 12 26.9
K05A	Sumner Lake	64.61 308	P	P	19 12 18.8 +1.3
OBN	Obninsk	66.35 38	P	P	19 12 28.5 +0.3
BR131	Keskin Array S	66.89 55	P	P	19 12 32.5 +0.3
BR131	comp=Z,5.5nm,1.0s		I	Amb	19 12 32.6 +0.4
BRTR	Keskin Array B	66.89 55	P	P	19 12 32.3 +0.1
BRTR	comp=Z,1.2nm,0.9s,baz=262,slow=7.0,SNR=2.4		I	Amb	19 12 36.3 +0.1
PLCA	Paso Flores	68.06 201	LR	LR	19 12 19.8
BNN	Bunyan	68.75 56	P	P	19 12 42.0 -1.9
BNN	comp=Z,1.66nm,18.9s,baz=76,slow=96		I	Amb	19 12 42.0 -1.9
BMAR	Burd Mountain	72.39 336	P	P	19 13 07.1 +1.6
KIV	Kislovodsk	72.47 49	P	P	19 13 07.0 +0.5
KIV	comp=Z,7.6nm,1.0s		I	Amb	19 13 25.6
BCAR	Beaver Creek A	72.59 332	P	P	19 13 05.9 -0.8
L27K	Beaver Creek,	72.61 332	P	P	19 13 06.0 -0.8
L27K	comp=Z,6.7nm,1.2s		I	Amb	19 13 23.5
ONI	Oni	73.39 50	P	P	19 13 10.8 -1.1
ONI	comp=Z,6.3nm,1.0s		I	Amb	19 13 15.6
GURO	Guroymak-BITLI	73.51 55	P	P	19 13 17.7 -1.0
GURO	comp=Z,8.7nm,1.4s		I	Amb	19 13 38.2
IL31	Il31	74.17 334	P	P	19 13 15.1 -0.8
IL31	comp=Z,6.0nm,0.9s		I	Amb	19 13 33.0
ILAR	Eielson Array	74.17 334	P	P	19 13 15.0 -0.9
ILAR	comp=Z,1.2nm,0.8s,baz=78,slow=4.5,SNR=6.7		I	Amb	19 13 15.1 -0.8
CCB	Clear Creek Bu	74.58 334	P	P	19 13 18.9 +0.6
CCB	comp=Z,1.66nm,18.9s,baz=76,slow=96		I	Amb	19 13 26.4
I23K	Minto, Yukon-K	75.00 335	P	P	19 13 20.2 -0.5
I23K	comp=Z,10.0nm,1.3s		I	Amb	19 13 47.8
NEA2	Nenana	75.10 334	P	P	19 13 19.1 -2.2
NEA2	comp=Z,7.2nm,1.2s		I	Amb	19 13 38.3
KTH	Kantishna Hill	76.27 324	P	P	19 13 28.2 0.0
IMAR	Indian Mountain	76.31 337	P	P	19 13 26.3 -1.9
AKBAR	AKBulak array	81.73 40	P	P	19 13 58.6 +0.3
ZALV	Zalesovo Beam	91.68 27	P	P	19 14 47.2 +0.3
ZALV	comp=Z,0.5nm,0.6s,baz=296,slow=3.1,SNR=1.7		I	Amb	19 14 47.2 +0.3

JMA 17 19:06:21.8:0.2,23.96N:126.55E,h119km,ML2.9
 IDC 17 19:06:22.4:5.7,22.82N:124.92E,h0km,mb3.4/3,
 mb1 3.6/3,mb1mx3.3/1,mbtrmp3.4/3, Error ellipse:
 s-maj=355.4km s-min=29.7km az=61.0
 ISC 17 19:06:19.9:2.2,23.86N:108.126:62E:0.05,h13km,12km,
 n28,c1911/44,mb3.4/3,Southeast of Ryukyu Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
JOGS	Gusukube	1.42 309	Op	ISC	h m s ISC
JOGS	comp=Z,1.4nm,1.0s		I	Amb	19 06 44 +0.1
JMJ2	Miyako jima3	1.47 307	P	P	19 06 47.8 -0.4
JMRB	Irabujima	1.63 306	P	P	19 07 07.2 -0.1
JMRB	comp=Z,1.4nm,1.0s		I	Amb	19 06 50.1 +0.2
JIKM	Ikemajima	1.64 310	P	P	19 07 11.9 -1.6
JIKM	comp=Z,1.4nm,1.0s		I	Amb	19 06 50.1 +0.1
JTJ	Tarama	1.92 294	P	P	19 07 11.9 -0.8
JTJ	comp=Z,1.4nm,1.0s		I	Amb	19 06 53.2 +1.0
JISG	Ishigakijimahi	2.23 289	P	P	19 07 16.4 +0.2
JISG	comp=Z,1.4nm,1.0s		I	Amb	19 06 57.4 +0.8
JISG	Ishigaki jima	2.32 283	P	P	19 07 23.2 -0.8
JISG	comp=Z,1.4nm,1.0s		I	Amb	19 06 58.6 +0.8
JJKR	Kuro-shima	2.42 279	P	P	19 07 25.0 -1.2
JJKR	comp=Z,1.4nm,1.0s		I	Amb	19 07 20.1 +1.0
JKE	Kume jima 2	2.46 3	P	P	19 07 28.0 -0.6
JKE	comp=Z,1.4nm,1.0s		I	Amb	19 07 00.7 +1.0
JJT3	Tamagusuku3	2.50 25	P	P	19 07 29.8 +0.5
JJT3	comp=Z,1.4nm,1.0s		I	Amb	19 07 08.0 +0.5
HATJ	Hateruma jima	2.58 275	P	P	19 07 30.0 -2.7
HATJ	comp=Z,1.4nm,1.0s		I	Amb	19 07 30.0 -2.7
IRIF	Iriomote-Funau	2.69 281	P	P	19 07 33.5 +0.8
IRIF	comp=Z,1.4nm,1.0s		I	Amb	19 07 34.0 -1.2
JAGN	Aguni-jima	2.77 12	P	P	19 07 05.2 +1.2
JAGN	comp=Z,1.4nm,1.0s		I	Amb	19 07 37.1 -0.2
JNTH	Nagotoyohara	2.93 25	P	P	19 07 06.6 +0.4
JNTH	comp=Z,1.4nm,1.0s		I	Amb	19 07 40.6 -0.7
JYOH	Kunigami	3.31 26	P	P	19 07 11.9 +0.4
JYOH	comp=Z,1.4nm,1.0s		I	Amb	19 07 12.7 +0.7
YOJ	Yonaguni jima	3.35 281	P	P	19 07 13.6 -1.1
YOJ	comp=Z,1.4nm,1.0s		I	Amb	19 07 50.6 -1.1
JIH	Iheya	3.38 21	P	P	19 07 15.3 +0.9
JIH	comp=Z,1.4nm,1.0s		I	Amb	19 07 50.6 -1.8
JYNG	Yonagunijimaku	3.41 281	P	P	19 07 15.3 +0.7
JYNG	comp=Z,1.4nm,1.0s		I	Amb	19 07 50.1 -3.0
JYRO	Yoronjima	3.55 27	P	P	19 07 15.0 +0.2
JYRO	comp=Z,1.4nm,1.0s		I	Amb	19 07 20.2 +0.6
JOKE	Okinoerabujima	3.90 26	P	P	19 08 03.7 -1.6
JOKE	comp=Z,1.4nm,1.0s		I	Amb	19 07 27.0 +0.1
JTK	Tokunoshima	4.43 28	P	P	19 08 03.6 +3.9
JTK	comp=Z,1.4nm,1.0s		I	Amb	19 07 27.2 -3.7
JMZ	Mimamidaito 2	4.61 62	P	P	19 08 18.5 -7.0
JKDJ	Kitadaitoujima	4.72 63	P	P	19 07 34.2 +0.5
JKDJ	comp=Z,1.4nm,1.0s		I	Amb	19 08 28.2 -2.3
JAMN	Amaminishikomi	4.93 27	P	P	19 07 37.9 -0.4
JAMN	comp=Z,1.4nm,1.0s		I	Amb	19 12 18.2 +

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like SSBL Suanglung, HGSD Ruisui, EHY Hungye, WNT Mingjian, etc.

Table with columns: DIB Dawson Inlet, HG4B Hotspring, BNB Barry Inlet, SIT Sitka, CBB Campbell River, etc.

Table with columns: BMAR Burnt Mountain, WWOR Wild Horse Val, FLWY Flagg Ranch, MDM Murphy Dome, etc.

NEIC 1720:14:59.2, 0.56, 98N, 0.03, 122:17W, 0.08, h4km, 4km, Error ellipse: s-maj=6.6km s-min=3.6km az=82.0

IDC 1720:14:59.4, 0.57, 08N, 122:37W, h0km, mb4, 0.13, mb1 4, 1/24, mb1mx3, 9/67, mbmp3, 9/24, ML3, 8.9, MS3, 7/27, Ms1 3, 7/27, ms1mx3, 6/51, Error ellipse: s-maj=9.2km s-min=7.5km az=87.0

PGC 1720:15:00:3, 57.01N, 122:15W, h5km, ML4.5/15, Mw4.6, 116km Wnw of Fort St. John, Bc British Columbia, Canada

NEIC 1720:15:00:3, 57.01N, 122:15W, h4km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mr4.89, Mw=0.94, Mo=3.82, Me2.17, Me32.0, Mo7.87, Fault plane solution: Ms9.60000, 1015, NP1.95, 0.0000, 0.76, 0.0000, 1.108, 0.0000, NP2.96, 132.0000, 0.22, 0.0000, 1.39, 0.0000, Principal axes: T 10.3341, P1g55.0000, Azm298.0000, N -1.7019, Plg17.0000, Azm181.0000;

ISC 1720:14:59.1, 0.4, 56.98N, 0.02, 122:18W, 0.03, h10km, n403, c230/406, mb4.4/35, MS3.717, British Columbia

Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like NBC5 NorthernBC 5, NBC5 NorthernBC 5, NBC5 NorthernBC 5, etc.

Main station list table with columns: WALA Waterlon Lakes, WALA Waterlon Lakes, WALA Waterlon Lakes, etc.

Main station list table with columns: ULM Ulm, ULM Ulm, ULM Ulm, etc.

17D 20h

Table with columns: Station, Name, Az, Phase, ID, Time, Res. Includes stations like Pine Spring, San Rafael Swe, Three Creeks, Castle Valley, Mile Ranch, Marysville, Mount Pierson, Pahroc Rang, Grapevine Rang, Cedar City, Idaho Springs, Snowmass, Topopah Spring, Topopah Spring, Resolute Bay, Ely, Ogallala, Cottonwood Cre, Furnace Creek, Little Creek M, EROS Data Cent, Milaca, Chernauba Isl, Kanab, Sheep Range, Divide, Red Dog Mine, The Farm, Brul, Shoshone, Teco, Isabella, Lake, Marine on St, Laurel Mtn Rad, 4UR Ranch, Mesa Verde, Belgrade, Turquoise Moun, Goldstone, Bar, Kaye Sheddock, Kaye Sheddock, Mcherson Peak, Great Sand Dun, Great Sand Dun, Lemond, Waseca, Edwards Air Fo, Svensen Farm, HEC, Hualapai Mount, Granite Mounta, Wupatki, Wupatki, Needles Airpor, Mount Baldy Ra, Trinidad, Iron Mountain, Belle Mtn. Jos, Cedar Bluff, Cedar Bluff, Petrified Fore, Petrified Fore, Murieta, Pinyon Flats O, Pinyon Flats O, Pinon Flats, Catalina Islan, Lo Mia Camp, P, San Nicolas Is, State Center, Wickenburg, Snowflake, San Clemente I, Long Quarter.

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Table with columns: MONP2, Monument Peak, 2041 168, SWSC Sam W. Stewart, ANMO Albuquerque, ANMO Albuquerque, KSU1 Kansas State U, KSU1 Kansas State U, BNM Barren Site, P38A Dawn, KAN10 Anthony SW Sta, OK032 Salt Plains W, KAN13 South Haven SW, Tucson, P40A Paris, P40A Paris, 121A Peak, D, MSTX Muleshoe, MSTX Muleshoe, MSTX Muleshoe, FRB Froebisher Bay, FRB Froebisher Bay, WMOK Wichita Mounta, WMOK Wichita Mounta, MNTX Cornudas Mount, MNTX Cornudas Mount, SADO Sadowa, SADO Sadowa, MIAR Mount Ida, WHTX Lake Whitney, SCHO Schefferville, TX31 Lajitas Ar. Si, TX32 Lajitas Ar. Si, TXAR Lajitas Array, TXAR Lajitas Array, IS9A Olmsteadville, ARCES ARCES Array B, NB2 NORSAR Subarra, NOA NORSTAR Array B, NOA NORSTAR Array B, HFS Hagfors, HFS Hagfors, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, DPC Dobruska-Polom, SONM Songoing Array, KRLO Kralj, KHC Kasperske Hory, KHC Kasperske Hory, GERES GERES Array B, GERES GERES Array B, GERES GERES Array B, CKRC Cesky Krumlov, KSRK Kory Array, KSRK Kory Array, WATA Walderalm, DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, WTTA Wattenberg, KBA Koelnbreinsper, AKASG Malin Array B, ESDC Sonseca Array, ESDC Sonseca Array, ESDC Sonseca Array, SOKA Soboth, KURK Kurchatov, KURB Kurchatov Arra, FETA Feichten, ABKAR Akbulak array, DIVS Divibare, DIVS Divibare, VTS Vitosh, VTS Vitosh, KBZ Khabaz, KEST Kesra, BRTR Keskin Array B, BRTR Keskin Array B, GAR Garm, CHGR Chuyangaron, DBIC Dimbokro, NEIC 17 20:45:17.7, AEIC 17 20:45:17.2, IDC 17 20:45:20.1, MS1 3.8/26, MS1 3.8/26, MOS 17 20:45:23.3, BGR 17 20:45:26.7, ISC 17 20:45:19.2.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Nikolski High, Nikolski High, Okmok Steeple, Okmok South, Okmok Mt. Tuli, Okmag Ridge, Pakushin South, Makushin Swite, Makushin Natee, Unalaska Valle, Unalaska Valle, Akutan Reef Bi, Akutan Broad Va, Akutan Green G, Akutan, Korovin Flat P, Mount Klituchef, Atka Island, False Pass, False Pass, Great Sitkin T, Great Sitkin M, Great Sitkin T, Adak, Saint Paul Isl, Saint Paul Isl, Kanaga Island, Kanaga Island, Tanaga Falls P, Tanaga Southeast, Sand Point, Sand Point, Chernauba Isl, Chernauba Isl, Semis' Southwe, Amchitka, Little Sitkin, Sitkinak Islan, Sitkinak Islan, Old Harbor, Old Harbor, Kokuh Hills, Kodiak Island, Kodiak Island, Kilae Creek, Port Alsworth, Sparrevohn, Oil Pt, Gambell, Gambell, Bonanza Creek, Slope Mountain, Redoubt South, Homer, Nome, Big River Lodg, White Mountain, White Mountain, Captain Cook N, Seward, Seward, Cooper Landing, Susitna One, Susitna One, Susitna One, Skwentna, Skwentna, Telida, Rabbitt Creek A, Purkeypile, Purkeypile, Nowinta River, Port Wells, Glory Hole Cr, Knik Glacier, Knik Glacier, Lake Minchumini, Middleton Isla, Sawmill, Sawmill, Kantishtna Hill, Port Fidalgo, Bear Paw Mtn, Bear Paw Mtn, Sheep Creek Mo, Susitna Watana, Cordova Ski Ar, Cordova Ski Ar, Susitna Watana, Divide, Klutina, Klutina, Tanana, Tanana, Tolsona, Glenn, Tolsona, Glenn, Indian Mountai, Manley, Manley, Hamilton, Bremner River, Bremner River.

NEA2	Nenana	16.00	32	Pn		20 48 59.2	-2.2
NEA2	Nenana	16.00	32	P		20 49 01.5	+0.1
BERG	Berg Lake	16.08	50	Pn	Iamb	20 49 03.7	+1.1
BERG						20 49 25.7	
N25K	Chitina, Valde	16.12	45	Pn	Pn	20 49 02.3	-0.8
N25K	Chitina, Valde	16.12	45	P		20 49 01.6	-1.5
HARP	HAARP	16.22	42	P	Pn	20 49 03.5	-0.9
WRH	Wood River Hill	16.25	34	Pn	Pn	20 49 04.5	0.0
I23K	Minto, Yukon-K	16.27	31	P	P	20 49 04.6	-0.3
I23K	Minto, Yukon-K	16.27	31	P	Pn	20 49 05.7	+0.8
PAX	Paxson	16.37	40	P	Pn	20 49 06.0	-0.3
GLB	Gilahina Butte	16.40	46	Pn	Pn	20 49 06.0	-0.7
CCB	Clear Creek Bu	16.45	33	P	Pn	20 49 06.1	-1.1
CROM	Cirque	16.46	49	Pn	Pn	20 49 07.9	+0.3
VRDI	Veve Repeater	16.48	47	Pn	Pn	20 49 08.2	-0.3
WAX	Waxell Ridge	16.50	50	P	P	20 49 09.2	-1.1
WAX					Iamb	20 49 23.2	
MDM	comp-Z,57nm,0.8s	16.51	32	Pn	Pn	20 49 05.7	-2.3
TCOL	CIGO, UAF Yank	16.57	33	Pn	Pn	20 49 08.6	-0.1
COLA	College	16.58	33	iP	Pn	20 49 08.5	-0.3
COLA	College	16.58	33	Pn	Pn	20 49 08.3	-0.4
HDA	Harding Lake	16.60	35	P	Pn	20 49 08.0	-1.1
HDA	Harding Lake	16.60	35	P	Pn	20 49 09.8	+0.7
HDA					P	20 49 09.8	+0.7
TGL	Tana Glacier	16.61	49	P	Iamb	20 49 10.6	-0.9
TGL					Iamb	20 49 39.6	
H23K	Yukon River	16.69	29	P	Pn	20 49 10.8	+0.6
MCARA	McCarthy VSAT	16.73	47	P	Pn	20 49 12.1	-0.7
MCARA	McCarthy VSAT	16.73	47	P	P	20 49 10.8	+0.1
ISLE	Juniper Island	16.79	50	P		20 49 13.2	-0.4
ISLE					Iamb	20 49 33.4	
IL31	comp-Z,59nm,1.0s	16.84	34	Pn	Pn	20 49 08.9	-3.2
ILAR	Eielson Array	16.84	34	Pn	Pn	20 49 10.9	-1.2
ILAR	comp-Z,0.3nm,0.3s,baz=232,slow=9.5,SNR=8.9	16.84	34	P	P	20 49 10.2	-1.9
MESA	MESA	16.85	52	Iamb	Iamb	20 49 14.3	0.0
MESA					Iamb	20 49 25.8	
MESA	comp-Z,59nm,0.9s	16.85	52	P	P	20 49 11.6	-0.9
YAH	Yahitse	17.00	51	P	Iamb	20 49 15.6	-0.5
YAH					Iamb	20 49 29.2	
RIDG	Independent Ri	17.00	39	P	Pn	20 49 14.1	-0.1
RIDG	Independent Ri	17.00	39	P	Pn	20 49 14.3	+0.1
M26K	Nabesna, AK	17.13	44	P	Pn	20 49 15.5	-0.4
H24K	Noodor Dome	17.20	30	P	P	20 49 17.6	-0.3
BARN	Barnard Glacier	17.24	49	Pn	Pn	20 49 16.8	-0.6
L26K	Log Cabin Wild	17.25	42	P	Pn	20 49 17.2	-0.1
DOT	Dot Lake	17.26	39	P	Pn	20 49 17.3	-0.1
TABL	Table Mountain	17.31	51	P	Iamb	20 49 19.6	+0.1
TABL					Iamb	20 49 38.6	
CTG	Chitna Glacier	17.36	49	P	Pn	20 49 17.7	-1.1
CTGM	Chitna Glacier	17.37	49	P	Pn	20 49 21.2	+1.2
SCRK	Sand Creek	17.45	39	P	Pn	20 49 19.3	+0.6
SCRK	Sand Creek	17.45	39	P	Pn	20 49 19.8	0.0
LOGN	Logan Glacier	17.48	50	P	Iamb	20 49 22.8	+1.5
LOGN					Iamb	20 49 39.4	
COLD	Coldfoot	17.53	25	P	Pn	20 49 17.9	-2.8
COLD	Coldfoot	17.53	25	P	Pn	20 49 21.7	+0.1
M27K	Edge Creek, AK	17.59	45	P	Pn	20 49 22.0	+0.3
PCA	Pinnacle	17.65	53	P	Pn	20 49 22.1	-0.2
PINM	Pinnacle	17.65	53	P	Pn	20 49 22.0	-0.4
PRP	Porcupine Dome	17.75	33	P	Pn	20 49 19.6	-0.4
PRP	Porcupine Dome	17.75	33	P	Pn	20 49 23.4	-0.1
L27K	Beaver Creek,	17.89	43	P	Pn	20 49 25.4	+0.1
L27K	Beaver Creek,	17.89	43	P	Pn	20 49 24.7	-0.5
BCAR	Beaver Creek A	17.91	43	Pn	Pn	20 49 25.0	-0.5
BCPM	Bancas Point	17.93	53	P	P	20 49 28.2	+2.2
K27K	Chicken	18.21	40	P	Pn	20 49 28.8	-0.3
FYU	Fort Yukon	18.49	31	P	Pn	20 49 35.3	+1.1
TLK	Toolik Lake Re	18.77	22	P	P	20 49 35.1	-0.1
TOLK	Toolik Lake Re	18.77	22	P	P	20 49 35.4	+0.2
EGAK	Eagle	18.91	38	P	P	20 49 37.2	+0.4
EGAK	Eagle	18.91	38	P	Pn	20 49 37.7	+0.1
HYT	Haines Junctio	19.14	51	P	Iamb	20 49 41.8	+1.2
HYT					Iamb	20 49 56.8	
BMAR	Burnt Mountain	19.23	29	P	P	20 49 39.4	-1.0
DAWV	Dawson	19.30	41	P	P	20 49 40.5	-0.5
PET	Petropavlovsk	19.51	285	iP	P	20 49 43.4	0.0
PET					pmx		
PET	Petropavlovsk	19.51	285	P	Iamb	20 49 42.2	-1.2
PET					Iamb	20 49 52.5	
BILL	Bililino	19.70	332i	eP	S	20 49 39.6	-5.7
BILL					S	20 53 00.0	-2.5
BILL					pmx		
BILL	comp-Z,34nm,1.3s				MLR		
BILL	comp-Z,361nm,14.0s	19.70	332	P	P	20 49 45.6	+0.3
BILL					Iamb	20 50 02.3	
A21K	Barrow	19.82	12	P	P	20 49 48.8	+0.5
SKAG	Skagway	20.00	56	P	Iamb	20 49 47.9	-0.8
SKAG					Iamb	20 50 13.8	
SKAG	comp-Z,28nm,0.9s	20.00	56	P	P	20 49 47.0	-1.7
PEAOB	Petropavlovsk-	20.06	285	eP	P	20 49 49.3	-0.1
PEAOB	Petropavlovsk-	20.06	285	P	P	20 49 48.9	-0.5
PEAOB					Iamb	20 49 51.4	
PETK	comp-Z,31nm,0.6s	20.06	285	P	P	20 49 48.9	-0.4
PETK	Petropavlovsk-	20.06	285	P	LR	20 58 13.9	
PETK	comp-Z,17nm,0.5s,baz=89,slow=13,SNR=56				LR		
PETK	comp-Z,227nm,19.7s,baz=91,slow=38				P	20 49 49.2	-0.2
PETK	Petropavlovsk-	20.06	285	P	Pn	20 49 52.0	-0.7
BESE	Bessie Mountai	20.18	59	P	Iamb	20 49 52.0	-0.7
BESE					Iamb	20 50 17.5	
WHY	Whitehorse	20.38	53	Pn	Pn	20 49 55.1	-0.1
WHY					Iamb	20 50 12.1	
WHY	comp-Z,24nm,0.8s	20.38	53	P	P	20 49 51.9	-1.0
WHY	Whitehorse	20.38	53	P	P	20 50 00.4	-1.6
CRAG	Craig	21.23	67	P	P	20 50 01.6	-0.9
EPYK	Eagle Plains	21.28	36	P	Iamb	20 50 01.6	-0.9
EPYK					Iamb	20 50 12.8	
EPYK	comp-Z,44nm,1.1s	21.28	36	P	P	20 50 01.6	-0.9
DLBC	Dease Lake	22.71	59	P	P	20 50 21.9	+3.9
DLBC	comp-Z,3.5nm,0.9s,baz=271,slow=11,SNR=5.9				P	20 50 21.3	+3.3
DLBC	Dease Lake	22.71	59	P	Iamb	20 50 34.3	
SEY	comp-Z,20nm,1.1s	22.82	313	P	P	20 50 18.8	-0.1
SEY	Seymour	22.82	313	LR	LR	20 59 34.6	
SEY	comp-Z,8.5nm,1.1s,baz=120,slow=10,SNR=8.9				LR		
SEY	Seymour	22.82	313	P	P	20 50 14.0	-4.9
RUBB	Prince Rupert	23.04	70	P	P	20 50 19.8	-1.4

RUBB	comp-Z,2.26nm,1.5s				Iamb	20 50 42.3	
INK	Inuvik	23.24	33	P	P	20 50 22.7	-0.4
INK	comp-Z,2.7nm,0.3s,baz=250,slow=5.6,SNR=9.5				P	20 50 21.3	-1.8
INK	Inuvik	23.24	33	P	Iamb	20 50 40.4	
INK					Iamb	20 50 42.6	-0.5
MA2	comp-Z,1.8nm,1.1s	23.24	33	P	P	20 50 26.3	+2.3
MA2	Inuvik	23.24	33	P	P	20 50 26.3	+2.3
MA2	Magadan	23.31	304	P	LR	20 59 21.3	
MA2	comp-Z,3.3nm,0.6s,baz=177,slow=11,SNR=8.2				LR	20 59 21.3	
MA2					LR	20 59 21.3	
MA2	comp-Z,194nm,18.6s,baz=108,slow=36				LR	20 50 21.3	-2.7
MA2	Magadan	23.31	304	P	LR	20 50 21.3	-2.7
MA2					pmx		
MA2	comp-Z,9.0nm,0.7s				pmx		
MA2	Magadan	23.31	304	P	P	20 50 18.8	-5.2
MA2					Iamb	20 50 26.7	
A05A	Maple Falls	29.53	78	P	P	20 51 17.6	-2.7
A05A					Iamb	20 51 34.6	
B05A	comp-Z,2.3nm,1.4s	29.84	79	P	P	20 51 20.5	-2.5
B05A	Bryant	29.84	79	P	P	20 51 20.5	-2.5
YKA	Yellowknife Ar	30.09	49	LR	LR	21 05 35.5	
I02D	Swissmose	30.77	87	P	P	20 51 28.3	-3.0
YSS	Yuzh-Sakhalins	31.20	280	iP	pmx	20 51 35.5	+0.5
YSS					pmx		
B08A	comp-Z,1.2nm,1.0s	31.45	77	P	Iamb	20 51 37.6	+0.3
B08A	Colville Reser	31.45	77	P	Iamb	20 51 51.5	
HAWA	Hanford	32.25	81	P	P	20 51 44.2	-0.1
HAWA					Iamb	20 51 58.5	
F07A	comp-Z,1.1nm,0.8s	32.25	82	P	P	20 51 43.0	-1.4
F07A	Phinny Hill Vi	32.25	82	P	Iamb	20 51 58.9	
D08A	comp-Z,1.5nm,1.1s	32.30	79	P	P	20 51 44.8	+0.1
D08A	Wollman Farm,	32.30	79	P	Iamb	20 51 58.5	
C09A	comp-Z,1.2nm,1.1s	32.34	77	P	Iamb	20 51 46.2	+1.1
C09A	Chrisman Ranch	32.34	77	P	Iamb	20 51 58.9	
E08A	comp-Z,1.6nm,1.1s	32.48	80	P	Iamb	20 51 45.4	-0.9
E08A	Dider Farm, El	32.48	80	P	Iamb	20 52 00.5	
NEW	Newport	32.81	76	P	P	20 51 50.6	+1.3
NEW	comp-Z,4.3nm,0.9s,baz=300,slow=7.1,SNR=3.6				P	20 51 48.8	-0.5
NEW	Newport	32.81	76	P	Iamb	20 52 03.0	
TIXI	Tiksi	32.84	92	iP	P	20 51 46.9	-2.3
EDM	Edmonton	32.96	329	P	P	20 51 48.9	-1.7
E09A	Wood Farm, Sta	33.02	79	P	Iamb	20 51 50.9	-0.2
E09A					Iamb	20 52 04.9	
YAK	Yakutsk	33.33	311	eP	pmx	20 51 52.3	-1.2
YAK					pmx		
I07A	comp-Z,1.0nm,1.3s	33.44	84	P	Iamb	20 51 55.7	+0.8
I07A	Ize	33.44	84	P	Iamb	20 52 12.5	
MOD	comp-Z,5.8nm,1.0s	34.15	88	P	Iamb	20 52 01.6	+0.5
MOD	Modoc Plateau	34.15	88	P	Iamb	20 52 10.6	
WALA	comp-Z,7.1nm,1.2s	34.35	73	P	P	20 52 02.9	+0.1
WALA	Waterson Lakes	34.35	73	P	Iamb	20 52 16.6	
BMO	comp-Z,1.6nm,1.4s	34.37	82	P	Iamb	20 52 02.8	-0.2
BMO	Blue Mountains	34.37	82	P	Iamb	20 52 17.0	
J08A	comp-Z,7.4nm,1.4s	34.46	85	P	Iamb	20 52 03.4	-0.3
J08A	Circle Bar Ran	34.46	85	P	Iamb	20 52 30.6	
JTMT	comp-Z,1.1nm,1.3s	34.74	75	P	Iamb	20 52 05.7	-0.5
JTMT	Jette	34.74	75	P	Iamb	20 52 19.9	
WVOR	comp-Z,1.3nm,1.2s	34.87	86	P	Iamb	20 52 07.1	-0.3
WVOR	Wild Horse Val	34.87	86	P	Iamb	20 52 35.0	
MSO	comp-Z,7.8nm,1.2s	35.39	76	P	P	20 52 09.2	-2.6
MSO	Missoula	35.39	76	P	Iamb	20 52 25.8	
PAHR	comp-Z,1.5nm,1.2s	36.01	90	P	Iamb	20	

17d 20h

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

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

2015 AUG

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DPC, Dobruska-Polom, MORC, etc.

950

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DPC, Dobruska-Polom, MORC, etc.

DJA 17:20:48:02.0,3,4'S:3.3:12.9E:*,h10km,M4.3/8,mb4.7/3,MLV4.1/8
NEIC 17:20:48:07.9,1.9,3:70S:0.028:128:94E:0.09,h46km,10km,mb4.0/16,Error ellipse: s-maj=13.0km s-min=10.4km az=120.0
IDC 17:20:48:07.6,2.2,3:70S:129.01E,h48km,24km,mb3.7/6,mb1.3/8,mlt3.6/33,mbt3.8/2,Error ellipse: s-maj=23.2km s-min=14.4km az=95.0
ISC 17:20:48:02.5,0.5,3:67S:0.05:128.82E:0.05,h10km,n41,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MSAI Masohi, KRAI Karang Ratu, BNDI Bandanaira, etc.

IDC 17-21:07:10.5:5.2,720:156:54E,h0km,mb3.8/4, mb1 4.0/4,mb1mx3.7/22,mbtmp3.8/4, Error ellipse: s-maj=131.4km s-min=37.1km az=106.0, Bougainville-Solomon Islands region

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

IDC 17-21:47:08.6:1.7,3:66S:128:83E,h0km,mb3.5/2, mb1 3.7/4,mb1mx3.5/29,mbtmp3.5/4,ML3.2/2, Error ellipse: s-maj=43.5km s-min=25.5km az=96.0, Seram

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

IDC 17-22:23:55.0:0.7,27:82N:86:02E,h0km,mb4.0/16, mb1 4.1/19,mb1mx3.9/67,mbtmp4.0/19,ML4.4/3,MS3.0/4, Ms1 3.0/4,ms1mx2.7/38, Error ellipse: s-maj=23.3km s-min=14.4km az=55.0, DMN

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

IDC 17-22:23:57.9:1.4,27:91N:0:09:86:13E:0:03,h10km:5km, mb4.2/34, Error ellipse: s-maj=13.1km s-min=2.8km az=170.0, BUI

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like JIRI Pulchoki, PKI Pulchoki, PKIN Pulchoki, etc.

IDC 17-22:33:09.1:9.71:57N:1:54W,h0km,mb3.4/1,mb1 3.5/7, mb1mx3.3/6,mbtmp3.5/7,ML2.8/6,MS3.2/1,Ms1 3.3/12, ms1mx2.9/42, Error ellipse: s-maj=27.8km s-min=25.5km az=112.3, BER

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like JIRI Pulchoki, PKI Pulchoki, PKIN Pulchoki, etc.

Table with columns: BOK Bokoro, LSA Lhasa, SHL Shillong, DDI Dehra Dun, SMLA Simla, SMLA Simla, BMLA Bhopal, etc.

IDC 17-22:36:37.1:34:93N:25:01E,h1km,ML3.0/11, IDC 17-22:36:37.3:2.5,34:84N:25:21E,h0km,mb3.5/2, mb1 3.5/6,mb1mx3.3/57,mbtmp3.4/6,ML3.6/4, Error ellipse: s-maj=45.2km s-min=10.6km az=45.0, THE

Table with columns: BOK Bokoro, LSA Lhasa, SHL Shillong, DDI Dehra Dun, SMLA Simla, SMLA Simla, BMLA Bhopal, etc.

IDC 17-22:36:37.8:1.1,34:80N:0:05:25:03E:0:02,h13km:7km, n45,+136/62,Crete

Table with columns: BOK Bokoro, LSA Lhasa, SHL Shillong, DDI Dehra Dun, SMLA Simla, SMLA Simla, BMLA Bhopal, etc.

IDC 17-22:36:38.1:34:85N:25:00E,h23km:4km,ML3.3/3, Error ellipse: s-maj=5.0km s-min=1.7km az=340.0, ISC 17-22:36:37.8:1.1,34:80N:0:05:25:03E:0:02,h13km:7km, n45,+136/62,Crete

Table with columns: BOK Bokoro, LSA Lhasa, SHL Shillong, DDI Dehra Dun, SMLA Simla, SMLA Simla, BMLA Bhopal, etc.

IDC 17-22:36:38.1:34:85N:25:00E,h23km:4km,ML3.3/3, Error ellipse: s-maj=5.0km s-min=1.7km az=340.0, ISC 17-22:36:37.8:1.1,34:80N:0:05:25:03E:0:02,h13km:7km, n45,+136/62,Crete

Table with columns: BOK Bokoro, LSA Lhasa, SHL Shillong, DDI Dehra Dun, SMLA Simla, SMLA Simla, BMLA Bhopal, etc.

IDC 17-22:36:38.1:34:85N:25:00E,h23km:4km,ML3.3/3, Error ellipse: s-maj=5.0km s-min=1.7km az=340.0, ISC 17-22:36:37.8:1.1,34:80N:0:05:25:03E:0:02,h13km:7km, n45,+136/62,Crete

Table with columns: BOK Bokoro, LSA Lhasa, SHL Shillong, DDI Dehra Dun, SMLA Simla, SMLA Simla, BMLA Bhopal, etc.

Table with columns: ESDC Sonseca Array, BMDR Burnt Mountain, KDAR Kodak Island, BCAR Beaver Creek A, etc.

IDC 17-22:36:37.1:34:93N:25:01E,h1km,ML3.0/11, IDC 17-22:36:37.3:2.5,34:84N:25:21E,h0km,mb3.5/2, mb1 3.5/6,mb1mx3.3/57,mbtmp3.4/6,ML3.6/4, Error ellipse: s-maj=45.2km s-min=10.6km az=45.0, THE

Table with columns: ESDC Sonseca Array, BMDR Burnt Mountain, KDAR Kodak Island, BCAR Beaver Creek A, etc.

IDC 17-22:36:38.1:34:85N:25:00E,h23km:4km,ML3.3/3, Error ellipse: s-maj=5.0km s-min=1.7km az=340.0, ISC 17-22:36:37.8:1.1,34:80N:0:05:25:03E:0:02,h13km:7km, n45,+136/62,Crete

Table with columns: ESDC Sonseca Array, BMDR Burnt Mountain, KDAR Kodak Island, BCAR Beaver Creek A, etc.

IDC 17-22:36:38.1:34:85N:25:00E,h23km:4km,ML3.3/3, Error ellipse: s-maj=5.0km s-min=1.7km az=340.0, ISC 17-22:36:37.8:1.1,34:80N:0:05:25:03E:0:02,h13km:7km, n45,+136/62,Crete

Table with columns: ESDC Sonseca Array, BMDR Burnt Mountain, KDAR Kodak Island, BCAR Beaver Creek A, etc.

IDC 17-22:36:38.1:34:85N:25:00E,h23km:4km,ML3.3/3, Error ellipse: s-maj=5.0km s-min=1.7km az=340.0, ISC 17-22:36:37.8:1.1,34:80N:0:05:25:03E:0:02,h13km:7km, n45,+136/62,Crete

Table with columns: ESDC Sonseca Array, BMDR Burnt Mountain, KDAR Kodak Island, BCAR Beaver Creek A, etc.

IDC 17-22:36:38.1:34:85N:25:00E,h23km:4km,ML3.3/3, Error ellipse: s-maj=5.0km s-min=1.7km az=340.0, ISC 17-22:36:37.8:1.1,34:80N:0:05:25:03E:0:02,h13km:7km, n45,+136/62,Crete

Table with columns: ESDC Sonseca Array, BMDR Burnt Mountain, KDAR Kodak Island, BCAR Beaver Creek A, etc.

18d Oh

Table with columns: Code, Station Name, Az, El, P, N, Pn, Time, Res. Includes stations like Zeytinokoy-Aydi, ASGATA, Mathiatis.

NEIC 18 00:09:34.0, 2.4, 21.1, 3S.0, 1x177.9W, 0.1, h479km, 11km, mb4.3/28, Error ellipse: s-maj=21.9km s-min=17.7km az=147.0

IDC 18 00:09:34.7, 2.1, 21.1, 11S, 178.03W, h500km, 21km, mb3.3/10, mb1 3.6/12, mb1 1mx3.4/38, mbtp4.2/12, Error ellipse: s-maj=29.8km s-min=16.8km az=140.0

ISC 18 00:09:34.2, 0.5, 21.1, 1S.0, 1x177.94W, 0.10, h495km, n54, o097/54, mb4.1/21, Fijil Islands region

Main station list table with columns: Code, Station Name, Az, El, P, N, Pn, Time, Res. Includes stations like Nonsavu, Niue, Urewera, Black Stump Fm, etc.

DJA 18 00:15:46.8, 0.2, 5.1, N2.2, 12.4E, h449km, 2km, M4, 7/85, mb4.9/85, mb5.2/33, MLV5.3/10, Mw(mB)4.6/33, MwMwp5.4/3, Mwp5.6/3

IDC 18 00:15:46.7, 0.5, 4.6, 6N, 123.93E, h453km, mb4.2/44, mb1 4.2/49, mb1mx4.1/62, mbtp5.0/49, Error ellipse: s-maj=9.4km s-min=5.9km az=81.0

NEIC 18 00:15:47.0, 1.4, 4.5, 4N, 0.08x123.95E, 0.09, h449km, 5km, mb4.7/109, Error ellipse: s-maj=12.5km s-min=11.1km az=87.0

MAN 18 00:15:50.0, 4.5, 1N, 124.23E, h401km, mb5.3, ML4.5, W5.4

ISC 18 00:15:46.6, 0.3, 4.5, 3N, 123.99E, 0.05, h455km, 3km, h465km, P-P, n453, r128/495, mb4.6/141, 27C-106D, Fault plane solution: NP1=335.83920°, 86.163657°, 1-102.02514°, NP2=179.99039°, 83.061120°, 1-68.89806°. Principal axes: T P1g15.8218°, Azm74.6470°, N P1g10.5638°, Azm341.6176°, P P1g70.8191°, Azm219.1987°, Celebes Sea

Table with columns: Code, Station Name, Az, El, P, N, Pn, Time, Res. Includes stations like Sangihe, Kidapawan, Davao City, etc.

2015 AUG

Main station list table with columns: TOLII, Tolitoli, TOLII, TONTI, TONTI, Ternate, etc. Includes stations like Maasin, Luwuk, Lapu-Lapu, Ampanga, etc.

Main station list table with columns: KNRA, Kununurra, 20.63 167, P, P, 00 19 54.6 +1.1, etc. Includes stations like Kununurra, Bandar Lampung, MBSI, Maura Dua, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CHIANG MAI, CHANG MAI, CHIANG MAI, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DANN DANGSING, KLR KUTUR, PYUN PIUHAN, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GNI GARNI, GNI GNI, ABPO AMBOSHIPANOP, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MORC Moravsky Berou, JAVC Velka Javorina, MORH Mrgy, Hungary, etc.

IDC 18 00:23:41.9, 1.4, 35.09N, 71.91E, h0km, mb3.8/6, mb1.4/0.11, mb1mx3.7/54, bmtmp3.9/11, ML3.8/4 Error ellipse: s-maj=35.2km s-min=23.0km az=67.0

IDC 18 00:23:47.6, 0.7, 35.12N, 0.06E, h1.91E, 0.07, h35km, n56, az=213/61, mb3.8/8, Pakistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include NIL Nalire, KBL Kabul, GAR Garm, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include HHC Hu-ho-hao-te, MLR FINESS Array B, etc.

IDC 18 00:47:04.8, 12.0, 2.1, 85S, 177.35W, h283km, 117km, mb3.3/4, mb1.3/6.4, mb1mx3.2/28, bmtmp4.0/4, Error ellipse: s-maj=122.5km s-min=41.9km az=162.0

IDC 18 00:47:35.4, 0.6, 2.1, 75S, 101.17E, h178.19W, 0.08, h600km, n31, az=161/32, mb4.0/1.4, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include MSFV Nonsavu, RAO Raoul Island, etc.

IDC 18 00:50:41.5, 0.7, 35.47S, 78.45E, h0km, mb4.1/13, mb1.4/2.13, mb1mx4.1/32, bmtmp4.1/13, MS3.8/10, M3.1/3.9/10, ms1.9/5.5, bazz=14.5, Error ellipse: s-maj=22.1km s-min=19.8km az=61.0

IDC 18 00:50:43.0, 2.3, 35.76S, 0.09E, 78.5E, 0.1, h10km, 1km, mb4.7/23, Error ellipse: s-maj=19.2km s-min=14.9km az=104.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include AIS Amsterdam Isla, H0BS2 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include KBL Kabul, BTK Batken, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include BRTR Warrungunga Arr, SONM Songoing Array, etc.

IDC 18 00:51:27.0, 0.9, 30.36S, 176.79W, h0km, mb4.2/7, mb1.4/4.9, mb1mx4.2/24, bmtmp4.2/9, ML3.6/2, MS3.7/6, M3.1/3.7/6, ms1mx3.4/23, Error ellipse: s-maj=25.4km s-min=21.9km az=159.0

IDC 18 00:51:31.2, 0.8, 30.48S, 0.06E, 176.9W, 0.1, h24km, n40, az=150/35, mb4.5/11, MS3.4/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include RAO Raoul Island, RAO Raoul Island, etc.

IDC 18 01:13:04.0, 5.5, 22.53N, 144.54E, h0km, mb3.6/3, mb1.3/8.3, mb1mx3.3/31, bmtmp3.6/3, Error ellipse: s-maj=388.6km s-min=35.8km az=90.0, Volcano Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include WRA Warrungunga Arr, WRA Warrungunga Arr, etc.

NTC	Toucheng	0.42 253	iP	Pb	01 19 55.6	-0.3
NTC			eS	Sb	01 20 01.6	-0.7
NWF	Wu-fen Shan	0.46 281	iP	Pb	01 19 56.8	+0.3
NWF			iS	Sb	01 20 02.9	-0.5
WFSB	Wu-fen Shan	0.46 281	iP	Pb	01 19 56.8	+0.3
WFSB			eS	Sb	01 20 02.8	-0.4
TNOU	National Taiwa	0.48 290	iP	Pb	01 19 57.2	+0.2
TNOU			eS	Sb	01 20 03.2	-0.9
ILA	ilan	0.52 246	eP	Pb	01 19 58.5	+0.8
TWC	Suao	0.54 226	iP	Pb	01 19 57.3	-0.6
TWC			eS	Sb	01 20 04.7	-0.8
TWE	Neicheng	0.61 245	iP	Pb	01 19 59.0	-0.1
TWE			eS	Sb	01 20 07.7	+0.1
NDS	Dongshan	0.61 236	eP	Pb	01 19 58.9	-0.3
NDS			eS	Sb	01 20 08.2	+0.5
TWA	Mucha	0.62 270	iP	Pb	01 20 00.1	+0.6
TWA			eS	Sb	01 20 08.4	+0.3
YMO1		0.66 285	iP	Pb	01 20 00.8	+0.7
YMO1			eS	Sb	01 20 09.6	+0.4
PCYT	Pengchayiu	0.67 344	iP	Pn	01 20 01.8	-0.1
PCYT			eS	Sb	01 20 11.4	-0.9
TWY	Chenhua	0.68 296	iP	Pn	01 20 01.4	-0.5
TWY			eS	Sb	01 20 10.6	+1.0
NHHD	Xindian Distri	0.68 269	eP	Pb	01 20 01.1	+0.7
NHHD			eS	Sb	01 20 09.8	+0.1
TAP	Taipei	0.70 275	eP	Pb	01 20 01.0	+0.4
TAP			eS	Sb	01 20 11.2	+1.0
ANP	Anpu	0.71 287	iP	Pb	01 20 01.6	+0.6
ANP			eS	Sb	01 20 11.2	+0.5
ENA	Nanau	0.73 221	eP	Pb	01 20 01.1	-0.2
ENA			eS	Sb	01 20 11.1	-0.1
NTST	Danshui	0.77 284	eP	Pn	01 20 03.2	0.0
NTST			eS	Sb	01 20 14.0	-0.7
TWS1	Kuangyinshan	0.79 279	eP	Pb	01 20 02.6	+0.5
TWS1			eS	Sb	01 20 13.6	+0.9
NDT	Datong Townshi	0.79 242	eP	Pb	01 20 02.5	+0.3
NDT			eS	Sb	01 20 14.3	+1.5
JYNG	Yonagunijimaku	0.81 131	P	Pn	01 20 03.1	-0.6
JYNG			S	Sn	01 20 14.8	-0.8
YOJ	Yonaguni jima	0.85 127	P	Pn	01 20 04.2	-0.1
YOJ			S	Sb	01 20 15.4	+0.9
YOJ	Yonaguni jima	0.85 127	eP	Pb	01 20 03.2	0.0
YOJ			eS	Sb	01 20 15.5	+1.0
YHNB	Yeheng	0.87 249	eP	Pb	01 20 03.5	-0.1
YHNB			eS	Sb	01 20 16.5	+1.2
NSK	Sanguang	0.89 250	P	Pb	01 20 04.3	+0.4
NSK			eS	Sb	01 20 15.6	-0.1
NNS	Nan Shan	0.98 237	eP	Pn	01 20 06.1	-0.1
NNS			eS	Sb	01 20 19.5	+1.0
NCU	National Centr	0.99 270	eP	Pb	01 20 05.8	+0.2
NACB	Ninganchiao	1.01 218	eP	Pb	01 20 06.0	-0.1
NACB			eS	Sg	01 20 18.7	-0.7
ETLH	Xiulin Townshi	1.05 223	P	Pb	01 20 06.8	0.0
ETLH			eS	Sb	01 20 21.1	+0.5
TWD	Chiawan	1.09 215	P	Pb	01 20 07.6	0.0
TWD			eS	Sg	01 20 21.1	-0.6
SBCB	Hsinchu	1.18 261	eP	Pn	01 20 09.3	+0.4
FUSS	Fushou	1.19 232	eP	Pb	01 20 09.3	+0.1
FUSS			eS	Sb	01 20 25.3	+0.7
LIQB	Emei	1.19 254	P	Pn	01 20 09.3	+0.3
LIQB			eS	Sn	01 20 28.5	+3.3
NSTT	Nanjuang	1.21 253	eP	Pn	01 20 09.4	+0.2
NSTT			eS	Sb	01 20 25.1	+0.2
TWT	Tachien	1.23 234	eP	Pb	01 20 10.9	+1.1
TWT			eS	Sn	01 20 27.7	+1.2
WHF	Hehuan Shan	1.24 228	iP	Pn	01 20 10.3	+0.2
WHF			eS	Sn	01 20 27.2	+0.2
TDCB	Techi	1.25 235	eP	Pb	01 20 10.6	+0.6
TDCB			eS	Sb	01 20 26.6	+0.4
CHGB	Renai	1.36 228	eP	Pg	01 20 12.5	-0.2
CHGB			eS	Sn	01 20 31.1	+1.5
ESL	Shilin	1.39 214	eP	Pg	01 20 12.7	-0.6
ESL			eS	Sg	01 20 31.0	-0.4
WHP	Taichung City	1.40 240	eP	Pg	01 20 13.4	0.0
WHP			eS	Sg	01 20 31.3	-0.3
NMLH	Miaoli	1.42 252	eP	Pb	01 20 12.9	-0.1
OWD	Renai	1.43 225	eP	Pg	01 20 13.9	-0.2
OWD			eS	Sg	01 20 32.7	0.0
IRIF	Iriomote-Funau	1.47 116	P	Pg	01 20 15.9	+1.0
IRIF			eS	Sg	01 20 35.5	+1.5
WCS	Beigang Elemen	1.54 234	eP	Pg	01 20 16.1	-0.1
WCS			eS	Sg	01 20 35.8	-0.5
HATJ	Hateruma jima	1.67 123	P	Pb	01 20 19.0	+0.3
HGSD	Ruisui	1.67 208	eP	Pb	01 20 17.6	+0.3
TYC	Yuch	1.68 231	eP	Pg	01 20 18.0	-0.8
SSLB	Suanglung	1.69 226	eP	Pb	01 20 17.6	0.0
SSLB			eS	Sg	01 20 41.2	+0.2

EHY	Hungye	1.71 211	eP	Pn	01 20 16.1	0.0
JKRS	Kuro-shima	1.75 115	P	Pg	01 20 19.7	-0.4
JJU	Ishigaki jima	1.81 109	P	Pg	01 20 20.1	-1.2
YULB	Yu-i	1.81 210	eP	Pn	01 20 17.6	0.0
YULB			eS	Sb	01 20 42.9	+0.4
WHYT	Xinyi Township	1.82 226	eP	Pg	01 20 20.8	-0.8
ALS	Alishan	1.98 223	eP	Pb	01 20 23.2	+0.4
FULB	Fulli	1.99 207	eP	Pb	01 20 22.0	-0.7
CHNS	Tsauling	2.00 227	eP	Pb	01 20 22.3	-0.7
WDLH	Douliu	2.04 231	eP	Pb	01 20 23.3	-0.3
EDH	Donghe	2.19 204	eP	Pb	01 20 23.7	+1.0
CHN4	Tsauling	2.23 224	eP	Pb	01 20 26.6	-0.2
TPUB	Ta-pu	2.25 222	eP	Pb	01 20 26.6	-0.6
STYH	Taoyuan	2.26 218	eP	Pb	01 20 27.6	+0.3
WTP	Ta-pu	2.30 222	eP	Pb	01 20 27.0	-1.0
TWK	Hsinying	2.36 224	eP	Pb	01 20 28.5	-0.6
CHN1	Nanshi	2.40 222	eP	Pb	01 20 29.2	-0.5
LDUT	Ludao	2.41 198	eP	Pn	01 20 25.2	-0.6
TWGT	Beinan	2.42 207	eP	Pb	01 20 28.8	-1.2
SGST	Jiashian	2.44 220	eP	Pb	01 20 28.9	-1.5
SLGT	Liugu	2.48 217	eP	Pb	01 20 29.7	-1.3
XPSS	Dashiou	2.70 316	eP	Pn	01 20 30.1	+0.3
LYJJ	Jianjiangzhen	2.75 305	eP	Pn	01 20 30.4	0.0
LYJJ			eS	Sn	01 21 01.9	-1.8
MASBT	Mashibuluo	2.80 213	eP	Pn	01 20 33.8	+2.6
EAST	Anshuo	2.90 207	eP	Pb	01 20 35.9	-2.3
AXDP	Jialang	3.91 270	eP	Pn	01 20 47.0	+0.6
AXDP			eS	Sn	01 21 29.9	-2.3

TAP 18 01:34:53.4, 24:98N, 122:23E, h20km, ML2.9, C
JMA 18 01:34:53.4, 0.1, 24:89N, 122:25E, h0km, M2.8
ISC 18 01:34:53.5, 1.0, 24.94N, 0.03, 122:25E, 0.02, h14km, 8gkm, n45, e044/73, Taiwan region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
TWB1	Santiao Chiao	0.24	285	iP	01 34 58.6	-0.2
TWB1				S	01 35 02.9	+0.5
TIPB	Shuangxi	0.39	274	iP	01 35 01.6	-0.5
TIPB				S	01 35 06.8	+0.2
NTC	Toucheng	0.39	257	P	01 35 01.4	+0.1
NTC				eS	01 35 07.6	-0.5
NWF	Wu-fen Shan	0.44	287	iP	01 35 02.9	-0.3
NWF				S	01 35 09.1	-0.6
TWC	Suao	0.49	228	P	01 35 03.2	-0.1
TWC				eS	01 35 10.7	-0.4
TWE	Neicheng	0.57	247	eP	01 35 05.4	0.0
TWE				eS	01 35 14.5	+1.1
NDS	Dongshan	0.57	238	P	01 35 05.3	-0.1
NDS				eS	01 35 13.7	+0.3
TWA	Mucha	0.60	274	P	01 35 05.9	0.0
TWA				eS	01 35 14.0	-0.3
YMO1	YMO1	0.65	288	iP	01 35 06.5	-0.2
YMO1				eS	01 35 15.5	-0.1
NHHD	Xindian Distri	0.66	272	eP	01 35 07.5	+0.7
NHHD				eS	01 35 15.5	-0.3
TWY	Chenhua	0.68	299	P	01 35 07.2	+0.1
TWY				eS	01 35 16.0	-0.3
ENA	Nanau	0.69	222	P	01 35 07.5	+0.1
ENA				eS	01 35 16.5	-0.3
PCYT	Pengchayiu	0.70	347	P	01 35 07.2	0.0
PCYT				eS	01 35 17.1	0.0
NDT	Datong Townshi	0.75	243	eP	01 35 08.6	+0.2
NDT				eS	01 35 18.7	+0.2
NTST	Danshui	0.76	287	eP	01 35 08.3	-0.2
TWS1	Kuangyinshan	0.77	282	eP	01 35 08.1	-0.4
TWS1				eS	01 35 19.2	+0.1
JYNG	Yonagunijimaku	0.80	128	P	01 35 08.7	-0.4
JYNG				S	01 35 19.8	+0.2
YHNB	Yeheng	0.84	251	eP	01 35 09.6	-0.2
YOJ	Yonaguni jima	0.84	125	P	01 35 09.2	-0.7
YOJ				S	01 35 21.2	0.0
YOJ	Yonaguni jima	0.84	125	P	01 35 10.0	0.0
YOJ				eS	01 35 21.1	0.0
NSK	Sanguang	0.85	252	eP	01 35 10.1	-0.1
NSK				eS	01 35 22.0	+0.5
NNS	Nan Shan	0.94	238	eP	01 35 12.1	+0.4
NNS				eS	01 35 24.4	+0.2
NACB	Ninganchiao	0.97	218	P	01 35 11.9	-0.4
NACB				eS	01 35 24.3	-0.7
ETLH	Xiulin Townshi	1.01	224	P	01 35 13.8	+0.4
ETLH				eS	01 35 26.2	+0.1
TWD	Chiawan	1.05	215	eP	01 35 14.0	+0.2
TWD				eS	01 35 27.2	+0.2
FUSS	Fushou	1.15	233	P	01 35 15.4	-0.3
FUSS				eS	01 35 30.9	-0.1
LIQB	Emei	1.16	255	eP	01 35 15.0	-0.4
LIQB				eS	01 35 35.2	-0.4
WHF	Hehuan Shan	1.20	229	P	01 35 16.4	+0.1
WHF				eS	01 35 33.3	+0.8
TDCB	Techi	1.21	235	eP	01 35 16.1	-0.2

CHGB	Renai	1.32 228	eP	Pb	01 35 18.3	+0.1
CHGB			eS	Sg	01 35 36.8	+0.7
ESL	Shilin	1.35 214	eP	Pg	01 35 19.4	-0.1
WHP	Taichung City	1.36 241	eP	Pg	01 35 19.4	-0.3
WHP			eS	Sg	01 35 37.3	-0.1
OWD	Renai	1.39 225	eP	Pg	01 35 19.8	-0.4
IRIF	Iriomote-Funau	1.48 114	P	Pg	01 35 22.2	+0.3
IRIF			S	Sg	01 35 41.3	+0.1
WCS	Beigang Elemen	1.50 234	eP	Pg	01 35 21.4	+0.1
SSLB	Suanglung	1.65 226	eP	Pb	01 35 24.2	+0.4
HATJ	Hateruma jima	1.67 122	P	Pg	01 35 25.6	0.0
YULB	Yu-i	1.77 210	eP	Pn	01 35 23.6	-0.2
WHYT	Xinyi Township	1.78 226	eP	Pb	01 35 26.6	+0.7
ALS	Alishan	1.94 223	eP	Pb	01 35 28.1	-0.8
CHN5	Tsauling	1.96 227	eP	Pb	01 35 28.6	-0.5
EDH	Donghe	2.15 204	eP	Pn	01 35 27.5	-1.4
CHN4	Tsauling	2.19 224	eP	Pb	01 35 32.1	-0.8
TPUB	Ta-pu	2.21 222	eP	Pn	01 35 30.8	+1.0

VIE 18 01:36:48.2, 0.7, 49:84N, 19:13E, h0km, mb2.3/7, ml2.4/7, ms3.1/7, Error ellipse: s-maj=8.5km s-min=3.9km az=144.0
47 km SSE of Katowice Suspected Mining induced.
IPEC 18 01:36:49.4, 0.2, 50:23N, 18:96E, h1km, ML2.5/3, Error ellipse: s-maj=2.4km s-min=1.1km az=187.0
BGR 18 01:36:50.0, 0.4, 50:19N, 18:95E, h1km, ML3.0/8, Error ellipse:

18d 4h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like WMOK, LOOK, R32A, X37A, U38A, etc.

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Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like 435B, T25A, N38A, L34A, etc.

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Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like MLAZ, GUMT, BLIS, etc.

IDC 18 04:43:59.2,56.0,23.30S,-177.76W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.8/23, mbtmp4.1/3, Error ellipse: s-maj=1017.0km s-min=156.0km az=87.0, South of Fiji Islands

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

NEIC 18 04:49:07.5, 1.5, 1.14S, 0.008, 80.35W, h0.04, h62km, 7km, mb4.5/35, Error ellipse: s-maj=11.5km s-min=5.5km az=196.0

IDC 18 04:49:08.4, 2.1, 1.02S, 80.39W, h64km, 21km, mb3.8/13, mb1 4.0/18, mb1mx3.9/33, mbtmp4.1/18, MS3.6/7, MS1 3.6/7, ms1mx3.1/37, Error ellipse: s-maj=19.9km s-min=12.0km az=60.0, Turkey

VAO 18 04:49:09.6, 0.2, 1.20S, 79.81W, h10km, mb4.7, ISC 18 04:49:05.0, 0.4, 1.07S, 0.05, 80.64W, h35km, n134, n198W/133, mb4.4/31, MS3.7/3, Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OTAV, PCON, CMBC, etc.

DDA 18 04:40:54.8, 39.40N, 40.76E, h10km, 2km, MW3.6, ISC 18 04:40:54.8, 39.39N, 40.74E, h9km, ML3.6/22, ISC 18 04:40:55.2, 1.1, 39.43N, 0.02, 40.78E, h0.02, h4km, 10km, mb1.7, 0.85/98, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like YEDI, KARO, BNGB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QUOK, KAN13, KAN17, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETK, H1N2, H1N3, etc.

IDC 18 05:40:17.9,1.0, 18.095x178.37W, h612km, 10km, mb3.5/18, mb1 3.7/20, mb1m3.6/31, mb1mp4.4/20, Error ellipse: s-maj=14.9km s-min=12.7km az=120.0, NEIC 18 05:40:17.2,1.1, 17.975x0.09:178.5W,0.1, h613km, 5km, mb4.7/34, Error ellipse: s-maj=14.2km s-min=13.2km az=107.0

ISC 18 05:40:17.1,0.4, 17.975x0.08:178.47W,0.07, h600km, n158, c098/157, mb4.4/34, 27-1/31, Fiji Islands region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF, NIUE, MARNC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA3, VNA2, VNA1, etc.

IDC 18 05:47:53.9,3.8, 52.821N:158.855E, h0km, Error ellipse: s-maj=32.0km s-min=6.5km az=65.0, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETK, H1N2, H1N3, etc.

IDC 18 05:37:08.9,3.8, 52.83N:158.31E, h0km, Error ellipse:

DDA 18 05:59:25.6, 34.52N, 27.22E, h7km, 3km, ML2.8
ISK 18 05:59:36.7, 35.12N, 27.48E, h6km, ML2.9/4
ATH 18 05:59:36.7, 35.12N, 27.56E, h8km, 4km, ML3.0/4, Error
ellipse: s-maj=5.4km s-min=2.0km az=331.0
NIC 18 05:59:37.0, 0.35, 15N, 27.49E, h18km, 1km, M3.5/4
THE 18 05:59:38.4, 35.18N, 27.42E, h0km, 1km, ML2.8/6, Error
ellipse: s-maj=2.9km s-min=1.2km az=146.0
ISC 18 05:59:37.1, 3.35, 10N, 0.04, 27.49E, 0.03, h12km, gkm,
n49, r126/71, Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for Karpathos, Zakros, Arkhangelos, etc.

Table with columns: WRA, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for PETK, NVAR, TXAR, ILAR, PDAR, MKAR, ARCES, FINES, AKAS, BRTR, GERES.

IDC 18 06:19:55.4, 42.3, 0, 15.09N, 45.87E, h0km, Error ellipse:
s-maj=217.5km s-min=87.5km az=44.0, Western
Arabian Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for I19DJ, I48TN, I26DE.

NNC 18 06:30:38.0, 1.8, 54, 26N, 86.40E, h0km, mb3.6, mpv2.7,
4C-3D, Error ellipse: s-maj=31.1km s-min=8.8km
az=168.0, Suspected Mining explosion., Southwestern
Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for ZAAO, ZAAO, KURBB, KURBB, MK31, MK31.

IDC 18 06:34:02.1, 7.5, 10, 69S, 165.83E, h170km, 73km, mb3.5/6,
s-maj=3.77, mb1mx3.3/31, mbtmpr4.0/7, Error ellipse:
s-maj=40.5km s-min=26.0km az=7.0
ISC 18 06:34:00.5, 0.9, 10, 74.5S, 0.10, 165.9E, 0.2, h155km, n7,
r158/9, mb3.6/6, Santa Cruz Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for DZM, DZM, CTA, URZ, WRA, ILAR, NVAR, MKAR.

WEL 18 06:39:55.0, 38S, 3, 177E, h55km, 5km, M3.4/94,
ML3.7/34, MLV3.4/94, Error ellipse: s-maj=0.0km
s-min=0.0km az=134.7, North Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for RUGZ, URZ, WHRZ, MATAWAI, WIZ, MARZ, TKGZ, PKGZ, OPRZ, MUGZ, RTGZ, TARZ, MKRZ, PUKETI, OMRZ, SNGZ, RIGZ, RIGZ, HLRZ, CNRZ, KARZ, WMGZ, PRRZ, TGRZ, MXZ, NGRZ, HSRZ, HRRZ, UTU, MTRZ, RARZ, ALRZ, PRGZ, GRRZ, KALOS, KNZ, WPRZ, WHRZ, MRHZ, KMRZ, NMHZ, MHGZ, KURZ, CNRZ, HATZ, BKZ, WATZ, TLZ, TOZ, RATZ, RITZ, MCHZ, KWHZ, TMVZ.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for NTVZ, ETVZ, KRVZ, OTVZ, NNVZ, WTVZ, SNVZ, BHHZ, NGZ, KRHZ, KUZ, KAHZ, TWVZ, MOVZ, WHVZ, FWVZ, WNVZ, TRVZ, HIZ, PXZ, PNHZ, WIHZ, ETVZ, MBAZ, VRZ, GRZ, TSZ, RRVZ, AWVZ, EPVZ, HBVZ, WTVZ, DVVZ, WVVZ, WAZ, ANVZ, POWZ, OHVZ, LREVZ, PRVZ, NEZ, PKE, NBVZ, WCVZ, OCWZ, KIVZ, OUVZ, CTZ.

IDC 18 06:55:42.6, 1.7, 42, 16N, 84.31E, h0km, mb3.5/3,
mb1 3.6/4, mb1mx3.3/34, mbtmpr3.3/4, ML2.2/2, Error
ellipse: s-maj=77.9km s-min=19.7km az=65.0
SOME 18 06:55:48.0, 1.4, 42, 16N, 84.09E, h0km, mb3.7, mpv3.3,
NNC 18 06:55:49.0, 1.4, 42, 16N, 84.09E, h0km, mb3.7, mpv3.3,
Error ellipse: s-maj=12.4km s-min=6.3km az=148.0
ISC 18 06:55:51.2, 1.8, 42, 16N, 0.1, 84.04E, 0.07, h10km, n31,
r224/41, mb3.4/3, 10C-3D, Northern Xijiang

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for KTMS, KTMS, SHLS, SHLS, SHLS, PDGK, PDGK, PDGK, PDGK, DJR, DJR, DJR, UZB, UZB, UZB, SATY, SATY, SATY, MK31, MK31, MK31, MKAR, MKAR, KURS, KURS, KURS, MAKZ, MAKZ, ARXS, ARXS, ARXS, ZSN, ZSN, ZSN, MDOK, MDOK, MDOK, KUU, KUU, KUU, KUU, TKM2, TKM2.

18d 10h

Table with columns: CTA, Charters Tower, 38.76 179 P, P, 09 47 06.9 -0.8, etc. Lists various stations and their coordinates.

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Table with columns: AKTO, Aktubinsk, 74.01 318 P, P, 09 51 15.6 +0.2, etc. Lists stations in the Aktubinsk region.

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Table with columns: TBI, Tubuai, 33.68 347 eT, T, 10 29 03.4, etc. Lists stations in the Tubuai region.

IDC 18 09:46:13.5:2.2, 31.731N:50.81E, h0km, mb3.7/3, mb1 3.8/6, mb1mx3.5/55, mbtrmp 3.8/6, ML3.6/3, Error ellipse: s-maj=62.4km s-min=32.9km az=46.0

TEH 18 09:46:15.3: 31.822N:50.93E, h9km, ML3.3 THR 18 09:46:17.9: 0.7, 31.70N:50.86E, h18km, 9km, ML3.4 KISR 18 09:46:17.9: 0.8, 31.40N:50.62E, h1km, 151km, ML3.6

ISC 18 09:46:16.5: 0.7, 31.78N:0.03:50.87E:0.03, h10km, n57, e2303/63, mb3.6/3, 1Z, Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists station codes and names for the IDC, TEH, THR, KISR, and ISC events.

TRQA Torquist 53.95 106 P P 09 56 09.7 -0.1 CO02 Combarbal 54.57 94 P P 09 56 11.4 -0.3 AC02 Maricunga 58.92 92 P P 09 56 12.9 -0.7

ASAR Alice Springs 67.48 261 P P 09 57 42.5 +0.2 LPAZ La Paz 67.57 86 P P 09 57 42.8 -0.8 LPAZ La Paz 67.57 86 P P 09 57 44.0 +0.4

LPAZ La Paz 67.57 86 P P 09 57 44.8 +0.4 LPAZ La Paz 67.57 86 P P 09 57 44.8 +0.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists station codes and names for various seismic events.

18d 11h

MCK				Sg	11 13 46.0	-0.1
MCK	McKinley	0.48	53	IAML	11 13 47.0	
MCK	comp=N,6um,0.7s			IAML	11 13 47.9	
MCK	McKinley	0.48	53	Pg	11 13 39.8	+0.1
MCK	baz=234,SNR=272			S	11 13 46.2	+0.2
KTH	Kantishna Hill	0.52	282	Pg	11 13 40.3	-0.1
KTH				Sg	11 13 47.1	-0.1
BWN	Browne	0.74	11	Pb	11 13 45.2	-0.2
BWN	Browne	0.74	11	Sb	11 13 55.0	-0.6
BWN	comp=N,3um,0.6s			IAML	11 13 58.5	
BWN				IAML	11 13 59.6	
WAT7	Susitna Watana	0.75	145	Pg	11 13 44.3	-0.6
BPAW	Bear Paw Mtn.	0.84	322	Pg	11 13 46.2	-0.3
BPAW	baz=140,SNR=424			P	11 13 46.4	-0.2
BPAW				S	11 13 56.9	-0.6
CUT	Chuitina	1.07	192	Pg	11 13 50.3	-0.6
CUT	baz=11,SNR=124			P	11 13 50.3	-0.6
CUT				S	11 14 04.2	-0.5
NEA2	Nenana	1.19	15	Pb	11 13 52.4	-0.7
NEA2				Sb	11 14 08.2	-0.4
NEA2				IAML	11 14 09.9	
NEA2	comp=N,1um,0.5s			P	11 13 52.4	-0.7
NEA2	baz=196,SNR=480			S	11 14 08.2	-0.4
CHUM	Lake Minchumini	1.21	292	Pb	11 13 52.9	-0.3
CHUM				Pb	11 14 08.3	-0.6
CHUM	baz=110,SNR=155			S	11 14 08.3	-0.6
CHUM				S	11 14 08.3	-0.6
PPLA	Purkeypile	1.22	244	Pb	11 13 52.0	-1.6
PPLA				Pb	11 13 52.7	-0.9
PPLA	baz=62,SNR=103			S	11 14 08.6	-0.8
WRH	Wood River Hill	1.27	35	Pb	11 13 53.7	-0.5
WRH				Pb	11 14 10.3	-0.5
WRH				IAML	11 14 13.0	
WRH	comp=N,2um,0.5s			IAML	11 14 13.0	
WAT6	Susitna Watana	1.28	132	Pn	11 13 53.7	-0.8
WAT6				Pn	11 13 53.7	-0.8
WAT6	baz=314,SNR=187			S	11 14 10.1	-1.1
CCB	Clear Creek Bu	1.49	35	Pb	11 13 56.6	-0.6
CCB				IAML	11 14 19.0	
CCB	comp=N,1um,0.5s			IAML	11 14 19.0	
H2A	Harding Lake	1.58	51	Pn	11 13 58.2	-0.3
H2A				Sb	11 14 19.5	-0.3
H2A				IAML	11 14 22.7	
H2A	comp=N,1um,0.3s			Pn	11 13 58.2	-0.3
H2A	baz=234,SNR=193			P	11 13 58.2	-0.3
H2A				S	11 14 19.8	-0.1
H2A	baz=234			S	11 14 19.8	-0.1
MLY	Manley	1.64	346	Pn	11 13 59.2	-0.1
MLY				Pn	11 13 59.2	-0.1
MLY	baz=165,SNR=244			S	11 14 21.3	-0.2
COL	College	1.67	30	Pn	11 13 59.3	-0.3
COL				Pn	11 13 59.3	-0.3
COL	baz=211			S	11 14 22.0	-0.1
SKT	Skwentna	1.68	209	Pn	11 13 59.9	+0.1
SKT				IAML	11 14 24.9	
SKT	comp=N,1um,0.5s			IAML	11 14 25.6	
SKT	Skwentna	1.68	209	Pn	11 14 00.1	+0.3
SKT	baz=28,SNR=110			S	11 14 22.2	-0.3
PS08	TAPS Pump Stn8	1.71	49	Pn	11 13 60.0	-0.2
I23K	Minto, Yukon-K	1.72	6	Pn	11 14 00.4	+0.1
I23K				IAML	11 14 25.5	
I23K	comp=N,1um,0.7s			IAML	11 14 25.8	
I23K	Minto, Yukon-K	1.72	6	Pn	11 14 00.3	0.0
I23K	baz=186,SNR=148			Sb	11 14 24.4	-1.1
GHO	Glory Hole Cre	1.73	166	Pn	11 14 00.1	-0.5
GHO				IAML	11 14 25.6	
GHO	comp=N,1um,0.5s			IAML	11 14 27.6	
SML	Sawmill	1.78	157	Pn	11 14 00.6	-0.6
SML				Sn	11 14 24.5	+0.5
SML				IAML	11 14 27.3	
SML	comp=N,711nm,0.3s			IAML	11 14 30.7	
SML	Sawmill	1.78	157	Pn	11 14 00.7	-0.6
SML	baz=338,SNR=46			S	11 14 24.5	+0.5
ILAR	Elieison Array	1.84	43	Pn	11 14 01.6	-0.4
ILAR				Pn	11 14 01.7	-0.4
ILAR	comp=N,1um,0.7s			Pg	11 14 04.4	+0.5
ILAR	comp=N,1um,0.7s			Lg	11 14 27.8	
ILAR	comp=N,1um,0.7s			Lg	11 14 27.8	
ILAR	Elieison Array	1.84	43	Pn	11 14 01.6	-0.5
ILAR	Palmer	1.89	170	Pn	11 14 02.4	-0.2
ILAR	comp=N,1um,0.5s			IAML	11 14 29.8	
ILAR	Palmer	1.89	170	Pn	11 14 02.4	-0.2
ILAR	baz=351,SNR=149			Pn	11 14 02.8	-0.4
ILAR	Telida	1.93	269	Pn	11 14 30.0	+0.3
ILAR				P	11 14 02.6	-0.6
K20K	Telida	1.93	269	Pn	11 14 30.3	+0.6
K20K				Sb	11 14 03.6	-0.2
POKR	Poker Plat Res	1.97	31	IAML	11 14 03.5	-0.2
POKR				IAML	11 14 32.7	
POKR	comp=N,908nm,0.3s			IAML	11 14 32.7	
POKR	Poker Plat Res	1.97	31	Pn	11 14 03.6	-0.2
POKR	baz=213,SNR=56			Sn	11 14 31.7	+0.9
SCM	Sheep Creek Mo	1.98	144	IAML	11 14 03.4	-0.6
SCM				Pn	11 14 33.0	
SCM	comp=N,570nm,0.5s			IAML	11 14 36.4	
I21K	Tanana	1.98	332	Pn	11 14 04.0	+0.1
I21K				Pn	11 14 04.0	+0.1

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I21K	baz=150,SNR=120			Sb	11 14 32.2	+0.9
PS07	TAPS Pump Stn7	1.98	19	Pn	11 14 04.1	+0.1
PAX	Paxson	2.02	102	P	11 14 05.3	+0.7
PAX	baz=286,SNR=70			S	11 14 31.2	+1.4
SUA	Susitna One	2.04	193	Sb	11 14 04.6	-0.2
SUA				Sb	11 14 33.1	+0.1
SUA				IAML	11 14 35.8	
SUA	comp=N,870nm,0.6s			Pn	11 14 07.7	-0.2
SUA	Susitna One	2.04	193	P	11 14 33.6	+0.6
SUA	baz=12,SNR=63			Sb	11 14 33.6	+0.6
J20K	Nowinta River	2.06	293	Pn	11 14 04.9	-0.2
J20K	Nowinta River	2.06	293	P	11 14 04.8	-0.3
J20K	baz=109,SNR=64			Sb	11 14 34.6	+1.0
KNK	Knik Glacier	2.13	162	Pn	11 14 06.4	+0.3
KNK				IAML	11 14 42.2	
KNK	comp=N,670nm,0.5s			P	11 14 05.7	-0.4
KNK	Knik Glacier	2.13	162	P	11 14 05.7	-0.4
KNK	baz=344,SNR=44			Sb	11 14 35.7	+0.1
M24K	Tolsona, Glenn	2.14	127	Pn	11 14 06.8	+0.5
M24K				Pn	11 14 07.0	+0.8
M24K	baz=311,SNR=32			Sb	11 14 37.2	+1.3
STLK	Strandline Lak	2.17	207	Pn	11 14 07.0	+0.3
M20K	Styx River	2.20	226	P	11 14 07.8	+0.7
M20K	Styx River	2.20	226	P	11 14 07.6	+0.6
RIDG	Independent Ri	2.23	80	IAML	11 14 07.7	+0.2
RIDG				IAML	11 14 45.2	
RIDG	comp=N,469nm,0.7s			IAML	11 14 45.2	
RIDG	Independent Ri	2.23	80	Pn	11 14 07.6	+0.2
RIDG	baz=265,SNR=180			Pn	11 14 09.1	+0.5
FIS	Fire Island	2.32	185	IAML	11 14 44.8	
FIS				IAML	11 14 52.8	
FIS	comp=N,712nm,0.5s			IAML	11 14 52.8	
RC01	Rabbit Creek A	2.37	179	Pn	11 14 09.7	+0.4
RC01				IAML	11 14 44.0	
RC01	Rabbit Creek A	2.37	179	P	11 14 09.6	+0.4
RC01	baz=359,SNR=54			Sb	11 14 42.8	+0.5
HARP	HAARP	2.37	114	Pb	11 14 10.1	+0.8
HARP				Pb	11 14 11.9	-1.2
H23K	Yukon River	2.39	2	Pn	11 14 09.9	+0.3
H23K	Yukon River	2.39	2	P	11 14 10.0	+0.3
H23K	baz=183,SNR=76			Sb	11 14 44.7	+1.7
SPCG	Spurr Capps Gi	2.40	207	Pn	11 14 10.6	+0.7
PS11	TAPS Pump St11	2.42	123	Pn	11 14 09.6	-0.3
PS11				Sb	11 14 42.1	-1.6
PS06	TAPS Pump Stn6	2.42	1	Pn	11 14 10.6	+0.6
SPNC	Crater Peak Br	2.45	208	Pn	11 14 10.9	+0.4
SPNC	North Nagishia	2.49	217	Sn	11 14 11.7	+0.5
SPNC	SNR=37			Sn	11 14 23.7	+0.7
SPCN	Chakachata No	2.49	208	Pn	11 14 11.7	+0.7
SPBG	Spurr Blockage	2.50	210	Pn	11 14 11.4	+0.2
SPBG				Sn	11 14 43.1	+1.3
BGL	Barrier Glacie	2.50	210	Pn	11 14 11.9	+0.7
SPUR	Spurr Spurr	2.51	206	Pn	11 14 12.0	+0.5
SPCR	Spurr Chakacha	2.52	208	P	11 14 12.0	+0.6
SPCR	Spurr Chakacha	2.52	208	P	11 14 11.6	+0.2
H24K	Noodor Dome	2.54	18	Pn	11 14 11.8	+0.1
H24K	Noodor Dome	2.54	18	P	11 14 11.6	0.0
H24K	baz=200,SNR=40			Sb	11 14 49.0	+1.7
DOT	Dot Lake	2.58	83	Pn	11 14 12.4	+0.3
SCRK	Sand Creek	2.64	76	IAML	11 14 42.9	-0.2
SCRK				IAML	11 14 57.4	
SCRK	Sand Creek	2.64	76	Pn	11 14 12.9	-0.2
L19K	White Mountain	2.65	244	Pn	11 14 13.6	+0.4
L19K	White Mountain	2.65	244	Pn	11 14 13.3	+0.1
KLU	Klutina	2.66	136	IAML	11 14 14.9	+1.5
KLU	Klutina	2.66	136	IAML	11 14 52.4	
KLU	comp=N,348nm,0.3s			IAML	11 14 55.9	
KLU	Klutina	2.66	136	P	11 14 14.6	+1.2
PWL	Port Wells	2.69	165	IAML	11 14 15.7	+2.0
PWL				IAML	11 14 53.5	
PWL	comp=N,422nm,0.4s			IAML	11 14 57.0	
CAPN	Captain Cook N	2.76	194	Pn	11 14 16.6	+2.0
PRP	Porcupine Dome	2.78	40	IAML	11 14 15.0	0.0
PRP				IAML	11 14 57.8	
PRP	comp=N,557nm,0.5s			IAML	11 14 57.8	
PRP	Porcupine Dome	2.78	40	P	11 14 14.5	-0.6
MENT	Mentasta	2.80	98	Pn	11 14 17.1	+1.9
MENT						

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THR 18 11:26:18.8, 0.5, 29.84N, 47.89E, h15km, ML4.3
ISN 18 11:26:19.6, 0.8, 29.80N, 47.90E, h0km, 197km, ML4.1
IDC 18 11:26:19.6, 1.9, 29.81N, 47.86E, h0km, mb4.0/15,
mb1 4.0/17, mb1mx3.9/41, mbtmp4.0/17, ML4.0/2, MS3.2/9,
Ms1 3.2/9, ms1mx2.9/50, Error ellipse: s-maj=37.8km
s-min=18.5km az=24.0

TEH 18 11:26:20.6, 29.84N, 47.87E, h8km, ML4.1
KISR 18 11:26:20.3, 0.5, 29.82N, 47.90E, h4km, ML4.1
NEIC 18 11:26:20.8, 2.1, 29.7N, 0.1, 47.7E, 0.1, h15km, 5km,
mb4.4/16, mb_Lg4.1(THEH), Error ellipse: s-maj=18.6km
s-min=8.9km az=213.0

MOS 18 11:26:20.1, 1.2, 29.81N, 47.77E, h17km, mb4.4/14, Error
ellipse: s-maj=12.8km s-min=7.0km az=82.5
DSN 18 11:26:27.9, 1.8, 29.38N, 48.31E, h10km, ML3.7/7, Error
ellipse: s-maj=34.5km s-min=15.1km az=48.0
OMAN 18 11:26:29.8, 1.3, 29.44N, 48.20E, h33km, mb5.5/18, Error
ellipse: s-maj=21.4km s-min=11.4km az=21.0

ISC 18 11:26:20.2, 1.6, 29.78N, 0.03, 47.93E, 0.03, h5km, 10km,
n197, r193/203, mb4.2/33, MS3.1/5, 7C-30, Eastern
Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Lists various stations like Umm Al-Rimmam, Al-Radifiah, Al-Qurain, Ahwaz, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like UOSS, HATD, ASHO, GEVA, SOHO, UMZA, etc.

Table of station data with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like KLMR, GERES, WMO, FINES, ZAAO, ZALV, etc.

NEIC 18 11:27:38.9, 2.9, 55.41N, 0.0, 115.0W, 0.10, h15km, 7km,
ML2.6/14, ML2.7(OTT), Error ellipse: s-maj=8.7km
s-min=5.0km az=59.0
PGC 18 11:27:48.4, 0.0, 54.60N, 134.81W, h10km, ML2.7/7,
184km Wnw of Masset, Bc Haida Gwaii Region
ISC 18 11:27:40.2, 3.7, 55.19N, 0.08, 135.05W, 0.1, h4km, 15km,
n29, c085/36, Southeastern Alaska

Table of station data with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like CRAG, LIB, WRAP, DIB, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like HATJ Hateruma jima, HATJ Emei, LIOB, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like TWK1 Hengchun, TWK1 Hengchun, JTJ Tarama, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CNNTA3, CHPO, UPA, etc.

IDC 18 14:07:21.1±1.1, 8.50S; 157.12E, h0km, mb3.8/6, mb1 3.9/7, mb1mx3.8/32, mbtmp3.8/7, ML3.9/1, MS3.7/1, Ms1 3.7/1, ms1mx2.7/25, Error ellipse: s-maj=28.9km s-min=17.0km az=65.0

NEIC 18 14:07:23.2±1.0, 8.55S; 0.157.3E±0.1, h18km, 7km, mb4.3/8, Error ellipse: s-maj=20.9km s-min=15.1km az=195.0

ISC 18 14:07:23.5±0.8, 8.55S; 0.157.2E±0.1, h19km, n17, o=679/16, mb4.0/10, Bougainville-Solomon Islands region

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

IDC 18 14:10:31.2±2.1, 0.86N; 126.08E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/39, mbtmp3.7/3, MS3.6/1, Ms1 3.6/1, ms1mx2.6/30, Error ellipse: s-maj=17.1km s-min=26.4km az=65.0, Northern Molucca Sea

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

IDC 18 14:11:54.1±2.5, 2.75S; 137.45E, h0km, mb3.6/2, mb1 4.0/4, mb1mx3.6/35, mbtmp3.8/4, ML4.0/2, MS2.8/1, Ms1 3.0/1, ms1mx2.5/23, Error ellipse: s-maj=62.4km s-min=28.6km az=73.0

NEIC 18 14:12:03.1±1.7, 2.93S; 0.066.137.0E±0.1, h58km, 9km, mb4.2/21, Error ellipse: s-maj=15.0km s-min=7.2km az=72.0

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

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

KRNET 18 14:16:13.5±0.1, 40.49N; 69.82E, h19km, mb2.7, ISC 18 14:16:12.2±1.3, 40.52N; 0.03.69.85E±0.06, h16km, 12km, n8, o=1908/16, 14C, Tajikistan

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

TUL 18 14:19:31.5±0.6, 36.69N; 0.03.98.61W±0.02, h10km, 7km, ML2.7, mb, Lq2.6/3(NEIC), Error ellipse: s-maj=4.3km s-min=0.8km az=149.0

NEIC 18 14:19:31.2±0.8, 36.71N; 0.07.98.63W±0.06, h15km, 5km, Error ellipse: s-maj=12.5km s-min=2.3km az=145.0, Oklahoma

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OK032, U32A, CROK, etc.

IDC 18 14:27:43.8±3.1, 18.53S; 177.84W, h600km, 24km, mb2.7/5, mb1 3.1/6, mb1mx2.8/31, mbtmp3.6/6, Error ellipse: s-maj=141.9km s-min=16.1km az=157.0

ISC 18 14:27:43.9±1.7, 18.45S; 0.8.177.9W±0.3, h600km, n6,

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

NEIC 18 15:02:31.2±1.6, 15.63N; 0.07.93.76W±0.06, h91km, 11km, mb4.3/5, Md4.0/20(MEX), Error ellipse: s-maj=9.9km s-min=7.4km az=197.0

MEX 18 15:02:33.1±0.8, 15.58N; 93.73W, h61km, 66km, MD4.0, ISC 15 15:02:39.0±0.9, 15.54N; 93.81W±0.04, h69km, n17, s=209/25, Near coast of Chiapas

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

IDC 18 15:07:17.9±1.1, 23.75S; 67.41W, h141km, 9km, mb3.8/9, mb1 4.0/15, mb1mx3.9/25, mbtmp4.3/15, Error ellipse: s-maj=15.7km s-min=13.7km az=38.0

NEIC 18 15:07:17.9±1.1, 23.77S; 0.06.67.70W±0.09, h167km, 6km, mb4.5/9, ML4.2(GUC), Error ellipse: s-maj=13.2km s-min=5.2km az=59.0

GUC 18 15:07:19.5±0.7, 23.76S; 67.87W, h175km, 7km, ML4.2, VAO 18 15:07:24.8±0.6, 23.34S; 67.32W, h198km, 7km, mb4.1, ISC 18 15:07:17.4±0.6, 23.84S; 0.06.67.66W±0.06, h156km, 7km, n115, o=1877/126, mb4.2/10, 3C-5D, Chile-Argentina

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AF01, AF01, LVC, etc.

Table with columns: AFDM, Forest Hills D, 87.14, 48, P, P, 15 48 51.2, -0.5, 15 48 53.0, etc.

NIC 18 15:59:14.6:0.0,36:01N:31:46E,h15km,1km,ML3.3/5
DKA 18 15:59:16.8,35:63N:31:43E,h1km,ML3,1/18
DDA 18 15:59:17.8,35:74N:31:43E,h2km,ML2.9

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

Table with columns: SZAC, Souni, 1.62, 135, P, AML, 15 59 44.1, -0.1, 16 00 12.8, etc.

THR 18 16:02:34.8:0.5,31:29N:49:63E,h15km,ML3.8
IDC 18 16:02:34.4:1.3,31:11N:49:39E,h6km,mb3.8/9
mb1 3.7/10,mb1mx3.5/43,mbmp3.7/10,ML3.8/3,Error

NEIC 18 16:02:35.3:1.1,31:11N:0:49:4E:0.1,h1km,g6km,
mb4.1/7,Error ellipse: s-maj=16.4km s-min=10.3km
az=218.0

TEH 18 16:02:37.5,31:29N:49:73E,h12km,ML3.6
DSN 18 16:02:45.0:2.3,30:37N:49:76E,h15km,ML3.4/4,Error
ellipse: s-maj=47.3km s-min=18.2km az=59.0

ISC 18 16:02:36.1:0.6,31:22N:0:04:49:66E:0.03,h10km,n93,
e204/93,mb3.9/10,Western Iran

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

Table with columns: ILAS, Lasjerd, 4.98, 33, ePn, Pn, 16 03 53.0, -1.8, 16 03 53.0, etc.

IDC 18 16:24:30.4:3.7,8:58N:125:69E,h6km,mb3.2/3,
mb1 3.4/3,mb1mx3.2/34,mbmp3.2/3,Error ellipse:
s-maj=23.9km s-min=29.4km az=65.0

ISC 18 16:24:32.3:1.2,8:45N:0:10:125:7E:0.1,h10km,n5,
e0817/mb3.1/3,Minidano

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

NEIC 18 16:24:34.7:2.2,34:07N:0:10:25:96E:0.03,h37km,10km,
mb4.2/17,Error ellipse: s-maj=14.5km s-min=3.1km

IDC 18 16:24:35.5:1.8,34:08N:26:08E,h42km,17km,mb6.6/8,
mb1 3.6/12,mb1mx3.4/45,mbmp3.7/12,ML3.8/4,MS3.2/1,
Ms1 3.2/1,ms1mx2.3/32,Error ellipse: s-maj=23.6km
s-min=9.3km az=35.0

DDA 18 16:24:42.9:34:77N:26:48E,h6km,4km,ML2.5
ISC 18 16:24:33.9:0.7,34:14N:0:07:26:12E:0.05,h26km,n53,
e1966/58,mb3.9/15,Crete

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

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like OSSC, STAL, ZOU, AKASG, MALIN, etc.

IDC 18 16:26:56.6±1.9, 19.64N:146.10E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.4/35, mbtmp3.6/4, MS3.5/1, Ms1 3.5/1, ms1mx2.4/27, Error ellipse: s-maj=83.9km s-min=32.3km az=103.0

NEIC 18 16:27:06.7±1.1, 19.6N:0.145.9E:0.2, h71km, 5km, mb4.2/4, Error ellipse: s-maj=25.3km s-min=15.8km az=64.0

ISC 18 16:27:09.0±1.0, 19.6N:0.145.9E:0.2, h100km, n15, n19.3N, mb3.8/5, Mariana Islands

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like JMZ, JWT, WACH, WAKE ISLAND, etc.

TIF 18 17:08:34.0, 41.36N:43.90E, h13km, 1km DDA 18 17:08:34.0, 41.37N:43.89E, h7km, 4km, ML2.4

NORS 18 17:08:39.0, 41.35N:43.88E, h10km, MPVA3.5

ISC 18 17:08:34.2±0.9, 41.34N:0.02.43.90E:0.03, h16km, 7km, n26, n0750/52, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like DMNI, BGD, EGD, TRLG, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like DDEM, DDEM, DDEM, etc.

NOU 18 17:14:56.0, 38.03S:176.07E, h233km, ML4.0/10, North Island, New Zealand

WEL 18 17:15:00.3±0.8, 38.54S:177.6E±, h185km, 7km, M2.9/54, ML2.2-maj, ML2.9/54, Error ellipse: s-maj=0.0km s-min=0.0km az=71.9, North Island

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like KMRZ, KARZ, TGRZ, NGRZ, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like GVZ, LTZ, INZ, etc.

IDC 18 17:40:55.0±3.4, 10.40S:119.41E, h0km, mb3.6/1, mb1 3.3/3, mb1mx3.2/21, mbtmp3.1/3, ML2.7/2, Error ellipse: s-maj=265.7km s-min=30.9km az=49.0, Sumba region

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like WRA, ASAR, ASAR, etc.

TUL 18 18:01:24.6±1.1, 36.07N:0.01:97.20W:0.02, h5km, 7km, ML2.5, mb, Lg2.2/1(NEIC), Error ellipse: s-maj=1.8km s-min=1.6km az=123.0

NEIC 18 18:01:24.8±1.0, 36.08N:0.01:97.20W:0.006, h5km, 7km, Error ellipse: s-maj=1.8km s-min=0.6km az=162.0, Oklahoma

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like OK031, OK029, OK029, etc.

IDC 18 18:04:45.2±2.2, 11.142S:117.90E, h0km, mb3.7/1, mb1 3.6/5, mb1mx3.4/35, mbtmp3.5/5, ML3.5/4, Error ellipse: s-maj=52.2km s-min=27.3km az=47.0

ISC 18 18:04:49.5±1.6, 11.45S:0.1:118.2E:0.1, h35km, n5, n5018/7, South of Sumbawa

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like BADI, BADI, BADI, etc.

BER 18 18:11:31.9±1.2, 62.38N:5.57E, h12km, 6km, ML0.9, Confirmed Earthquake, Southern Norway

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like AKN, AKN, AKN, etc.

18d 19h

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Kununurra, Eielson Array, Karatay Array, Warramunga Arr, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Vranov, Vyhne, Moravsky, Karatay Array, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TATO, FUSS, WHF, TNOU, etc.

IDC 18:19:17.00.4.2.0.50.44N:18.70E, h0km, mb1 3.4/3, mb1mx3.0/40, mbtpm3.2/3, ML2.4/3, Error ellipse: s-maj=41.9km s-min=9.8km az=130.0

IPEC 18:19:17.01.4.0.2.50.35N:18.85E, h1km, ML2.3/3, Error ellipse: s-maj=2.4km s-min=1.1km az=168.0

VIE 18:19:17.01.2.0.5.50.37N:18.79E, h0km, mb2.0/3, ml2.3/5, ms3.1/1, Error ellipse: s-maj=4.6km s-min=3.1km az=165.0

PRU 18:19:17.02.4.0.0.50.34N:18.77E, h0km, n37, ISC 18:19:17.01.1.0.8.50.39N:0.04:18.79E:0.02, h0km, n37, e+1917/62, Poland

JMA 18:19:31:55.6:0.1, 24.34N:122.03E, h30km, 4km, M2.3 TAP 18:19:31:56.5:24.43N:121.97E, h15km, ML2.8, D ISC 18:19:31:55.3:1.1, 24.42N:122.06E:0.02, h14km, 8km, n116, e0970/171, 1C-50, Taiwan region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Suao, ENA, EHP, NDS, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TATO, FUSS, WHF, TNOU, etc.

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

JMA 18 19:32:32.8-0.1, 31.41N-130.50E, h144km, 1km, M3.1
IDC 18 19:32:33.7-3.5, 31.33N-130.50E, h178km, 34km, mb3.2/5,
mb1 3.3/6, mb1mx3.0/43, mbtmp3.6/6, Error ellipse:
s-maj=46.7km s-min=24.8km az=65.0

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

IDC 18 19:42:05.6-0.7, 16.51S-66.71E, h0km, mb4.0/15,
mb1 4.1/15, mb1mx3.9/39, mbtmp4.0/15, M3.6/11,
Ms1 3.6/11, ms1mx3.3/42, Error ellipse: s-maj=23.1km
s-min=18.4km az=73.0

NEIC 18 19:42:07.4-2.0, 16.75S-0.1-66.6E-0.2, h10km, 1km,
mb4.6/38, Error ellipse: s-maj=25.6km s-min=22.5km
az=43.0

ISC 18 19:42:07.4-0.6, 16.68S-0.1-66.8E-0.1, h10km, 7m6,
r1501/53, mb4.4/39, M3.7/11, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like H08S1, H08S2, H08S3, etc.

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KK31, KKAR, GURO, etc.

THR 18 19:42:49.6-0.5, 33.61N-45.98E, h15km, 8km, ML3.3
ISN 18 19:42:50.0-0.6, 33.53N-46.02E, h7km, 3km, ML3.5
TEH 18 19:42:51.2, 33.55N-46.10E, h17km, ML3.3

ISC 18 19:42:50.1-1.4, 33.57N-0.03-46.05E-0.03, h1km, 12km,
n41, r0579/47, Iran-Iraq border region

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

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

IDC 18 20:02:43.7-513.0, 56.91N-29.23E, h0km, Error ellipse:
s-maj=193.7km s-min=90.9km az=90.0, Baltic
States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like I43RU, I26DE, I31KZ, etc.

STR 18 20:09:59.7-0.6, 46.6N-2.12E, h12km, mb3.4/3,
MLV4.07, smiscs0.6/L0CSAT earthModelID
smiscs0.6/6slps: tatp-2.1 preliminary

BGR 18 20:10:00.2-0.6, 45.46N-11.96E, h10km, ML4.1, Error
ellipse: s-maj=1.1km s-min=6.7km az=16.0

IDC 18 20:10:02.5-1.9, 45.90N-12.04E, h0km, mb1 3.5/6,
mb1mx3.2/48, mbtmp3.4/6, ML3.3/6, Error ellipse:
s-maj=19.1km s-min=11.4km az=166.0

LDG 18 20:10:02.8-0.1, 45.92N-11.94E, h7km, M3.6/3, M3.7/43,
Error ellipse: s-maj=2.7km s-min=2.0km az=62.0

ROM 18 20:10:02.5-0.1, 45.905N-0.004-11.902E-0.004,
h7km, ML3.6/91, Error ellipse: s-maj=0.3km s-min=0.2km
az=150.0

IASPEI 18 20:10:02.5-0.8, 45.89N-0.023-11.90E-0.01, h11km, 4km,
Error ellipse: s-maj=2.6km s-min=2.0km az=152.4, Gt5
selection from ISC bulletin GT5 identified by Bondr and
McLaughlin (2009) selection criteria Bondr and
McLaughlin, A new ground truth data set for seismic
stations, <i>Seism. Res. Let.</i>, <i>>80</i>-42, 465-472,
2009

GEN 18 20:10:04.1, 45.88N-11.75E, h2km, 9km, ML3.7
BNS 18 20:10:05.8-0.4, 45.91N-11.93E, h10km, ML3.7
PRU 18 20:10:05.0-0.0, 45.88N-12.11E, h17km

ISC 18 20:10:02.7-0.7, 45.86N-0.01-11.91E-0.01, h15km, 3km,
n362, r1588/547, 23C-31D, Northern Italy

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

PANI 18 20:11:33.0-0.3, 4.44 296j ePg Pg 20 10 11.3 -0.3
PANI 18 20:11:33.0-0.3, 4.44 296j ePg Pg 20 10 11.3 -0.3
POLC 18 20:11:33.0-0.3, 4.44 296j ePg Pg 20 10 11.3 -0.3

DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4

DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4

DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4

DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4

DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4

DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4

DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4

DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4

DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4

DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4
DOSS 18 20:12:33.0-0.4, 0.52 273j ePg Pg 20 10 12.3 -0.4

18d 20h

2015 AUG

980

Table with columns: Station, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like ROVR, TREG, STAL, GAGG, KOSI, OPPE, BOSI, APPI, BALD, CSMI, MPRI, BRES, CLUD, BUAF, SERM, GEPF, ABSI, ABTA, FERS, MABI, SALO, ZOU, VINO, MNTV, SBPO, RISI, ROSI, PTCC.

Table with columns: Station, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CAVE, SABO, MOSI, BRMO, RAVA, FIU, TRI, ACOM, CADS, VOJS, WTTA, MYKA, SQT, WATA, SKDS, KBA, MOT, BRJN, CTLE, ZCCA, ZCCA, DAVOX, ZUGS, PART, BRIS, CEY, GBAS, LMD, RETA, LJU, LJU, LJU, LJU, SEI.

Table with columns: Station, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like SEI, TUE, TUE, TUE, TUE, GRAM, RIY, OBKA, OBKA, SFI, SFI, SFI, RJOB, RJOB, RJOB, MPPT, DAVA, DAVA, DAVA, MUGIO, MUGIO, BDI, BDI, BDI, BDI, RUF, BOB, ASQU, ASQU, CPGN, CPGN, CARD, CARD, EQUI, BE1, BE1, BE1, PLONS, PLONS, MAIM, VARE, VARE, UBR, UBR, UBR, PE3, PE3, PARC, PARC, GORR, GORR, GORR, CRE, CRE, CRE, FSSB, FSSB, FSSB, MSSA, MSSA, MSSA, KW1, KW1, MPAG, MPAG, MPAG, RABC, RABC, SOKA, SOKA, APEC, APEC, APEC, FUSIO, FUSIO, FUSIO, FUR, FUR, FUR, PII, PII, COR1, COR1, PIEI, PIEI.

PIEI		S	Sn	20 11 09.6	-0.3
PIEI	comp=E,797µm,0.4s	AML	AML		
BOJS	comp=N,476µm,0.6s	AML	AML		
BOJS	Bojanci	2.37	97 ePn	20 10 41.3	+0.2
BOJS	Bojanci	2.37	97 eP	20 10 41.5	+0.4
BOJS	comp=N,2110µm,0.8s	AML	AML		
FRON	Frontone	2.41	166 eP	20 10 41.5	-0.2
FRON	comp=N,666µm,0.5s	AML	AML		
FRON	comp=E,550µm,0.7s	AML	AML		
ATPI	Pietralunga -	2.44	171 eP	20 10 42.5	+0.5
ATPI	comp=N,450µm,0.7s	AML	AML		
ATPI	comp=E,567µm,0.6s	AML	AML		
NVLJ	Novajia	2.46	121 i Pn	20 10 42.7	+0.3
NVLJ	Arcevia	2.48	162 eP	20 10 41.7	-0.5
ARVD	Arcevia	2.48	162 eP	20 10 42.3	-0.2
ARVD	comp=N,397µm,0.6s	AML	AML		
ARVD	comp=E,442µm,0.7s	AML	AML		
CRES	Crescenzi	2.48	90 ePn	20 10 42.8	+0.1
ATVO	AVT- Monte Val	2.50	172 eP	20 10 43.3	+0.4
ATVO	comp=E,654µm,0.6s	AML	AML		
ATVO	comp=N,544µm,0.4s	AML	AML		
OZLJ	Ozalj	2.51	94 ePn	20 10 43.5	+0.6
OZLJ	comp=N,544µm,0.4s	AML	AML		
RNCA	Ronca, Sant'Ol	2.51	237 P	20 10 44.5	+1.6
CAFI	Castiglione Fio	2.53	179 eP	20 10 43.4	+0.1
CAFI	comp=E,313µm,1.0s	AML	AML		
CAFI	comp=N,252µm,1.0s	AML	AML		
ATMI	Monte Miggiano	2.54	174 eP	20 10 43.8	+0.4
ATMI	comp=E,678µm,0.6s	AML	AML		
ATMI	comp=N,900µm,0.6s	AML	AML		
MOA	Molin	2.57	38 ePn	20 10 45.3	+1.5
MOA	comp=N,4.7nm,0.1s,SNR=24	eSn	Sb	20 11 19.1	-0.8
MOA	comp=N,56nm,0.3s	eSn	Sb	20 11 19.1	-0.8
MOA	Molin	2.57	38 ePn	20 10 45.2	+1.4
MOA	Molin	2.57	38 ePn	20 10 45.2	+1.4
BNALP	Bannalp	2.61	294 eP	20 10 48.5	-0.8
CING	Cingoli	2.65	159 eP	20 10 45.0	0.0
CING	comp=N,298µm,0.5s	AML	AML		
CING	comp=E,420µm,0.6s	AML	AML		
EL6	Elicito	2.67	161 i Pn	20 10 45.4	0.0
PCP	Piancastagn	2.72	242 P	20 10 47.6	+1.6
PCP	Piancastagn	2.72	242 eP	20 10 47.5	+1.5
PCP	comp=E,367µm,0.4s	AML	AML		
PCP	comp=N,260µm,1.2s	AML	AML		
ATCC	AVT- Casa Cast	2.73	169 i Pn	20 10 46.8	+0.8
ATCC	comp=N,660µm,0.6s	AML	AML		
ATCC	comp=E,883µm,0.6s	AML	AML		
ZUR	Degenried	2.74	305 ePn	20 10 47.1	+0.9
ZUR	Degenried	2.74	305 ePn	20 11 20.6	+1.2
MMK	Matmark	2.76	275 eP	20 10 48.8	+2.2
MMK	comp=N,376µm,0.4s	AML	AML		
MMK	comp=E,242µm,0.4s	AML	AML		
TRIF	Trifonti	2.84	195 eP	20 10 48.0	+0.4
TRIF	comp=N,146µm,0.9s	AML	AML		
TRIF	comp=N,124µm,0.8s	AML	AML		
PTJ	Puntjarkia	2.84	88 ePn	20 10 47.9	+0.2
PTJ	comp=N,124µm,0.8s	AML	AML		
ARSA	Arzberg	2.86	60 ePn	20 11 22.7	+1.1
ARSA	comp=E,3.8nm,0.2s,SNR=6.3	eSn	Sb	20 10 48.4	+0.5
ARSA	comp=E,13nm,0.5s	eSn	Sb	20 11 26.5	-1.7
ARSA	Arzberg	2.86	60 ePn	20 10 48.3	+0.5
ARSA	Arzberg	2.86	60 ePn	20 10 48.4	+0.5
ARSA	comp=E,108µm,0.8s	AML	AML		
ARSA	comp=N,93µm,0.7s	AML	AML		
ARSA	Arzberg	2.86	60 ePn	20 10 48.3	+0.5
EMBD	Embd, Mattered	2.88	279 ePn	20 10 49.1	+1.2
ASSB	Assisi San Ben	2.87	169 P	20 10 47.9	-0.1
ASSB	comp=N,356µm,0.9s	AML	AML		
ASSB	comp=E,366µm,0.4s	AML	AML		
MONC	Monucco Torin	2.91	256 P	20 10 50.3	+1.8
MONC	comp=N,883µm,0.5s	AML	AML		
MONC	comp=E,812µm,0.3s	AML	AML		
DUGI	Dugi Otok	2.92	129 ePn	20 10 48.9	+0.3
DUGI	comp=N,812µm,0.3s	AML	AML		
LOBO	Lobor	2.92	83 ePn	20 10 48.5	-0.1
CSP1	Cessapalombo	2.92	161 eP	20 10 48.4	-0.2
CSP1	comp=N,833µm,0.5s	AML	AML		
GUT	Gutenstein	2.92	320 Pn	20 10 49.9	+1.2
GUT	Gutenstein	2.92	320 Sn	20 11 24.8	+1.2
TRAV	Traversella	2.94	265 P	20 10 48.9	-0.1
CESI	CESI - Serrava	2.94	166 P	20 10 49.3	+0.2
CESI	comp=N,178µm,0.5s	AML	AML		
FDMO	Fiordimonte	2.95	163 P	20 10 48.9	-0.2
FDMO	comp=N,381µm,0.6s	AML	AML		
FDMO	comp=N,286µm,0.6s	AML	AML		
MGAB	Montegabbione	2.95	177 eP	20 10 48.7	-0.4
MGAB	comp=E,260µm,0.9s	AML	AML		
MGAB	comp=E,567µm,0.5s	AML	AML		
MGAB	comp=N,504µm,0.4s	AML	AML		
MGAB	comp=N,546µm,0.5s	AML	AML		
MGAB	comp=E,526µm,0.4s	AML	AML		
QLNO	Quiliano	2.95	240 P	20 10 49.3	-0.2
QLNO	comp=N,286µm,0.6s	AML	AML		
QLNO	comp=N,326µm,0.5s	AML	AML		
NORI	Noerdlinger Ri	2.99	344 ePn	20 10 50.1	+0.4
NORI	Noerdlinger Ri	2.99	344 ePn	20 10 50.1	+0.4
SACS	San Casciano d	3.01	180 P	20 10 49.6	-0.4
SACS	comp=N,181µm,0.5s	AML	AML		
SACS	comp=E,153µm,0.6s	AML	AML		
SLE	Schleitheim	3.02	310 Sn	20 11 26.7	+0.7
SLE	Schleitheim	3.02	310 Pn	20 10 51.3	+1.3
UBDI	Udina	3.04	115 ePn	20 10 50.9	+0.6
UBDI	comp=N,356µm,0.9s	AML	AML		
SULZ	Cheisacher	3.10	304 Pn	20 10 53.0	+1.8
DIX	Grande Dixence	3.14	276 Pn	20 10 52.7	+0.8
DIX	Grande Dixence	3.14	276 Sn	20 11 29.9	+0.5
NRCA	Norcia	3.15	164 P	20 10 52.1	+0.2
NRCA	comp=N,216µm,0.5s	AML	AML		
NRCA	comp=E,294µm,1.0s	AML	AML		
CASP	Castiglione de	3.16	194 P	20 10 51.5	-0.5
CASP	comp=E,142µm,0.4s	AML	AML		

KALN	comp=N,182µm,0.3s	AML	AML		
KALN	Kalnik	3.18	83 ePn	20 10 52.6	+0.3
KALN	OFFI	3.19	156 P	20 10 53.7	+2.7
OFFI	OFFI	3.19	156 P	20 10 53.0	+0.7
OFFI	comp=N,1305µm,0.8s	AML	AML		
GERES	comp=E,1064µm,0.6s	AML	AML		
GERES	GERESS Array S	3.23	22 ePn	20 10 53.6	+0.6
GERES	GERESS Array S	3.23	22 ePn	20 10 53.6	+0.6
GERES	GERESS Array B	3.23	22 Pn	20 10 53.4	+0.4
GERES	comp=E,5.5nm,0.3s,baz=198,slow=13,SNR=154	Pg	Pb	20 11 01.7	+1.9
GERES	comp=E,17nm,0.3s,baz=200,slow=17,SNR=43	Sn	Sn	20 11 01.7	+1.9
GERES	comp=E,16nm,0.3s,baz=203,slow=27,SNR=8.0	Sn	Sn	20 11 32.0	+0.9
GERES	comp=E,19nm,0.3s,baz=210,slow=26,SNR=4.3	Lg	Lg	20 11 42.2	
BALSTH	Balsthal	3.25	298 P	20 10 54.8	+1.5
CESX	Cesi	3.29	171 ePn	20 10 53.3	-0.3
CESX	comp=E,301µm,0.6s	AML	AML		
CESX	comp=N,292µm,0.4s	AML	AML		
GBOS	Grotte di Boss	3.30	242 P	20 10 54.4	+0.4
GBOS	comp=N,146µm,0.5s	AML	AML		
GBOS	comp=E,101µm,0.4s	AML	AML		
REMY	Saint-Rhmy-en	3.32	271 P	20 10 55.0	+0.6
REMY	comp=N,330µm,0.4s	AML	AML		
REMY	comp=E,329µm,0.6s	AML	AML		
CELB	S.Piero in Cam	3.34	202 P	20 10 53.6	-0.9
CELB	comp=N,125µm,0.1s	AML	AML		
CELB	comp=E,141µm,0.1s	AML	AML		
WET	Wetzell	3.35	11 ePn	20 10 55.1	+0.5
WET	Wetzell	3.35	11 ePn	20 10 55.1	+0.5
LNSS	Leonessa	3.36	166 P	20 10 54.5	-0.3
LNSS	comp=N,310µm,0.6s	AML	AML		
LNSS	comp=E,355µm,0.8s	AML	AML		
MORI	Morici	3.36	125 ePn	20 10 55.0	+0.4
MORI	comp=N,310µm,0.6s	AML	AML		
CKRC	Cesky Krumlov	3.38	28 ePn	20 10 55.5	+0.5
CKRC	comp=N,310µm,0.6s	AML	AML		
CKRC	comp=E,300µm,0.9s	AML	AML		
CKRC	comp=N,310µm,0.6s	AML	AML		
CKRC	comp=E,300µm,0.9s	AML	AML		
MORGE	Morge	3.39	270 P	20 11 49.8	-1.5
CONA	Conrad Observa	3.41	51 ePn	20 10 57.1	+1.9
CONA	comp=E,2.0nm,0.2s	eSn	Sg	20 10 56.2	+0.7
CONA	comp=N,192µm,0.6s	AML	AML		
MGRO	Montegrosso	3.43	239 P	20 10 55.6	-0.2
MGRO	comp=N,192µm,0.6s	AML	AML		
KIZ	Kirchzarten	3.44	309 Pn	20 10 57.0	+1.1
KIZ	Kirchzarten	3.44	309 Sn	20 11 37.8	+1.3
STU	Stuttgart	3.45	329 ePn	20 10 57.4	+1.5
STU	Stuttgart	3.45	329 ePn	20 10 57.4	+1.5
ZIRJ	Zirje	3.46	128 ePn	20 10 56.2	+0.2
ZIRJ	comp=N,158µm,0.5s	AML	AML		
TERO	Teramo	3.46	159 i Pn	20 10 55.6	-0.5
TERO	comp=N,100µm,0.6s	AML	AML		
TERO	comp=E,97µm,0.6s	AML	AML		
KHC	Kasperske Hory	3.46	19 ePn	20 10 56.8	+0.6
KHC	comp=N,132nm,0.6s	ePn	Pb	20 11 06.4	+2.6
KHC	comp=N,132nm,0.6s	ePn	Pb	20 11 06.4	+2.6
KHC	comp=N,132nm,0.6s	ePn	Pb	20 11 06.4	+2.6
KHC	comp=N,132nm,0.6s	ePn	Pb	20 11 06.4	+2.6
BFO	Black Forest	3.47	317 ePn	20 10 57.2	+0.9
BFO	Black Forest	3.47	317 ePn	20 10 57.2	+0.9
AIGLE	Aigle	3.48	280 P	20 10 57.2	+0.9
RM33	Pellescrista (	3.48	164 P	20 10 56.6	+0.1
RM33	comp=E,216µm,0.4s	AML	AML		
RM33	comp=N,218µm,0.9s	AML	AML		
PRIJ	Prijedor	3.50	103 ePn	20 11 02.7	-1.7
BOUR	Bourignon	3.57	297 Pn	20 10 58.5	+0.9
ENR	Entraque	3.57	244 P	20 10 57.7	0.0
ENR	comp=N,229µm,1.2s	AML	AML		
ENR	comp=E,234µm,0.2s	AML	AML		
SAOF	Soarge	3.61	240 Pn	20 10 58.0	-0.2
SAOF	comp=N,229µm,1.2s	AML	AML		
MRAK	Mrakovica	3.62	102 ePn	20 11 09.6	-0.8
LPG	La Plagne	3.63	266 ePn	20 11 00.3	+1.6
LPG	comp=E,55nm,0.4s	eSn	Sn	20 11 38.0	-3.4
LPL	La Plagne	3.64	266 eP	20 11 00.5	+1.7
LPL	comp=N,229µm,1.2s	eSn	Sn	20 11 38.3	-3.3
AQU	L'Aquila	3.67</			

18d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HOBG Hobbusch, LASF Ste Croix, AVF Avril sur Loir, etc.

IDC 18:20:29.12.7.7.15.475:70.99W,h122km,60km,mb3.8/1, mb1.3/8/2,mb1mx3.2/21,mbtmp4.1/2, Error ellipse: s-maj=133.8km s-min=64.0km az=177.0, Southern Peru

BUJ 18:20:48:17.3.0.7.73S:128.99E,h160km,mb4.8/37, mb5.0/64
MOS 18:20:48:18.3.1.0.7.34S:128.56E,h131km,mb4.8/18, Error ellipse: s-maj=12.2km s-min=5.5km az=117.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, BNDI Bandanaira, MSAI Masohi, etc.

2015 AUG

Main table with columns: EDFI, Ende, Flores, Time, Res. Includes stations like SIJI Sorong, SWI Sorong, KNRA Kunurra, etc.

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Table with columns: SSSL, Suong, Time, Res. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni jima, GSI Gunungsitoli, etc.

CSS	comp=N,17nm,1.3s	AML	AML	21 20 54.9			
CSS	comp=N,17nm,1.3s	AML	AML	21 20 54.9			
ASGA	Asgata	1.81 115	↑P	Pn	21 20 12.9 +0.6		
ASGA			S	Sn	21 20 35.8 +1.7		
ASGA			AML	AML	21 20 50.9		
ASGA	comp=N,82nm,1.2s	AML	AML	AML	21 20 50.9		
ASGA	comp=N,82nm,1.2s	AML	AML	AML	21 20 50.9		
ASGA	comp=N,77nm,0.6s	AML	AML	AML	21 20 56.3		
ASGA	comp=N,77nm,0.6s	AML	AML	AML	21 20 56.3		
BUCA	Burdur, Bucas	1.85 343	iP	Pn	21 20 13.4 +0.5		
BUCA			iS	Sn	21 20 40.1 +5.0		
BUCA			IAML	IAML	21 20 49.0		
BUCA	comp=N,3um,0.7s				21 20 52.0		
BUCA	comp=E,5um,0.8s				21 20 52.0		
YORU	Yoruktepe-Mers	1.85 71	PN	Pn	21 20 11.2 -1.6		
LFPC	Lefkose	1.98 99	PN	Pn	21 20 12.0 -1.4		
SEVD	Seydisehir-KON	1.90 14	PN	Pn	21 20 12.5 -1.1		
OREN	Orenkoy-Mersin	1.91 70	PN	Pn	21 20 11.9 -1.6		
SEDI	Konya, Seydis	1.93 12	iP	Pn	21 20 12.8 -1.2		
SEDI			iS	Sn	21 20 36.1 -1.0		
SEDI			IAML	IAML	21 20 46.0		
SEDI	comp=E,7um,0.6s				21 20 45.0		
AKK1	Akkuyu-Mersin	1.95 72	PN	Pn	21 20 12.4 -1.7		
AKK2	Akkuyu-Mersin	1.95 72	PN	Pn	21 20 12.7 -1.5		
GULN	MERSIN_Gulnar	1.96 71	iP	Pn	21 20 14.5 +0.2		
GULN			iS	Sn	21 20 37.3 +0.5		
GULN			IAML	IAML	21 20 44.0		
GULN	comp=N,3um,0.5s				21 20 48.0		
GULN	comp=E,5um,0.6s				21 20 48.0		
BCK	Bucak	1.97 344	PN	Pn	21 20 14.4 -0.1		
TEPK	Tepekoy-MERSIN	1.98 70	PN	Pn	21 20 12.3 -2.3		
TEVE	Tevekatik-Mers	1.98 63	PN	Pn	21 20 13.3 -1.5		
MVOU	Mavrovouni	2.02 105	PN	Pn	21 20 13.3 -1.9		
MVOU			AML	AML	21 20 51.7		
MVOU	comp=E,53nm,1.1s				21 21 05.5		
MVOU	comp=E,26nm,0.8s				21 20 14.2 -1.2		
YESI	Yesilovacik-Me	2.04 71	PN	Pn	21 20 14.2 -1.2		
CSCI	CSNet OBS 1	2.06 179	S	Sn	21 20 40.0 -0.1		
OSCI			S	Sn	21 20 40.0 -0.1		
OSCI			AML	AML	21 20 09.4		
OSCI	comp=E,3.4nm,0.7s				21 21 09.4		
OSCI	comp=E,3.4nm,0.7s				21 21 09.4		
TISA	Tisan-Mersin	2.06 72	PN	Pn	21 20 13.9 -1.8		
IKL	Isikli	2.09 70	PN	Pn	21 20 14.7 -1.4		
KARG	Kargicak-Mersin	2.10 72	PN	Pn	21 20 14.5 -1.7		
KKBE	Karaman, Kazim	2.14 39	iP	Pn	21 20 16.7 -0.3		
KKBE			iS	Sn	21 20 40.8 -1.6		
KKBE			IAML	IAML	21 20 53.0		
KKBE	comp=E,4um,0.8s				21 20 57.0		
GOLH	Golhisar	2.16 321	iP	Pn	21 20 18.1 +1.0		
GOLH			iS	Sn	21 20 43.2 +0.6		
GOLH			IAML	IAML	21 20 02.0		
GOLH	comp=N,7um,1.6s				21 21 33.0		
GOLH	comp=E,24um,2.5s				21 21 33.0		
KEBE	Keben-Mersin	2.18 65	PN	Pn	21 20 16.6 -0.8		
CAEL	Denizli, Camel	2.20 316	iP	Pn	21 20 18.9 +1.1		
CAEL			iS	Sn	21 20 58.3 +1.4		
CAEL			IAML	IAML	21 21 13.0		
CAEL	comp=E,12um,1.0s				21 21 21.0		
CAEL	comp=N,14um,1.0s				21 21 21.0		
KRIMN	Karaman	2.29 45	PN	Pn	21 20 18.2 -0.7		
SILB	Silikte-Mersin	2.31 69	PN	Pn	21 20 18.2 -0.9		
BRDR	BURDUR-Merkez	2.33 336	iP	Pn	21 20 11.7 +0.8		
BRDR			iS	Sn	21 20 51.8 +4.7		
BRDR			IAML	IAML	21 21 03.0		
BRDR	comp=N,2um,1.1s				21 21 05.0		
BRDR	comp=E,3um,0.6s				21 21 05.0		
SLFK	Silikte-Mersin	2.34 68	PN	Pn	21 20 18.4 -1.1		
PARAL	Paralimni	2.35 103	P	Sn	21 20 21.7 +2.0		
PARAL			S	Sn	21 20 58.2 +1.1		
PARAL			AML	AML	21 21 04.6		
PARAL	comp=E,44nm,0.9s				21 21 04.6		
PARAL	comp=E,44nm,0.9s				21 21 13.3		
PARAL	comp=E,54nm,0.9s				21 21 13.3		
EREN	Erenkoy	2.38 90	iP	Pn	21 20 20.4 +0.3		
EREN			iS	Sn	21 20 46.2 -1.8		
EREN			IAML	IAML	21 20 57.0		
EREN	comp=N,4um,0.7s				21 21 15.0		
EREN	comp=E,5um,1.0s				21 20 19.3 -0.8		
EREN	Erenkoy	2.38 90	PN	Pn	21 20 19.3 -0.8		
DALY	Dalyan (Mula)	2.44 302	iP	Pn	21 20 46.0 -3.6		
DALY			S	Sn	21 20 22.2 +1.0		
BAGO	Egridir - ISPA	2.45 351	iP	Pn	21 20 52.3 +2.4		
BAGO			IAML	IAML	21 21 04.0		
BAGO	comp=N,962nm,0.7s				21 21 04.0		
BAGO	comp=E,1um,0.8s				21 21 04.0		
KIZK	Mersin	2.52 68	iP	Pn	21 20 21.8 -0.2		
KIZK			iS	Sn	21 20 53.2 +1.8		
KIZK			IAML	IAML	21 20 59.0		
KIZK	comp=N,3um,0.7s				21 21 05.0		
KIZK	Mersin	2.52 68	PN	Pn	21 20 20.9 -1.1		
KONT	Konya-Tatoy	2.54 20	iP	Pn	21 20 56.4 +4.4		
KONT			iS	Sn	21 21 09.0		
KONT			IAML	IAML	21 21 09.0		
KONT	comp=E,3um,0.6s				21 21 10.0		
KONT	comp=N,2um,0.7s				21 20 21.9 -0.4		
DOGA	KONYA_Doganhis	2.56 7	iP	Pn	21 20 22.4 -0.3		
DOGA			iS	Sn	21 20 48.2 -4.5		
DOGA			IAML	IAML	21 21 00.0		
DOGA	comp=N,3um,0.5s				21 21 03.0		
DOGA	comp=N,962nm,0.8s				21 20 23.8 +0.5		
ARG	Arkhangelos	2.62 285	P	Pn	21 20 52.7 -1.2		
ARG			S	Sn	21 20 52.7 -1.2		
OSCI	CSNet OBS 4	2.62 161	P	Sn	21 20 52.8 -1.1		
OSCI			S	Sn	21 20 52.8 -1.1		
OSCI			AML	AML	21 21 03.7		
OSCI	comp=E,12nm,1.3s				21 21 03.7		
OSCI	comp=E,12nm,1.3s				21 21 03.8		
OSCI	comp=E,11nm,0.9s				21 21 03.8		
OSCI	comp=E,11nm,0.9s				21 21 03.8		
OSCI	comp=E,11nm,0.9s				21 26 47.0		
OSCI			Amd	Amd	21 26 47.0		
TAVA	DENIZLI_Tavas	2.67 316	iP	Pn	21 20 25.7 +1.5		
TAVA			iS	Sn	21 20 54.1 -1.3		
YVAC	Isparta, Yalva	2.70 360	iP	Pn	21 20 24.2 -0.4		
YVAC			iS	Sn	21 20 51.0 -1.2		
YVAC			IAML	IAML	21 21 07.0		
YVAC	comp=N,1um,0.7s				21 21 07.0		
YVAC	comp=E,2um,0.6s				21 20 25.5 +0.8		
TURN	Turnuc	2.72 297	iP	Pn	21 20 25.5 +0.8		
TURN			iS	Sn	21 20 56.0 -0.3		
LADK	Ladik-KONYA	2.78 18	PN	Pn	21 20 25.0 -0.7		
KZIL	AFYON_Kizioran	2.83 342	iP	Pn	21 20 27.9 +1.5		
KZIL			iS	Sn	21 21 02.5 +3.1		
MULA	Mugla, Merkez-	2.91 306	iP	Pn	21 20 28.1 -1.1		
MULA			iS	Sn	21 20 57.7 -3.4		
MERS	Mersin	2.95 63	PN	Pn	21 20 27.4 -0.6		
KERG	Konya-Eregli	2.96 51	iP	Pn	21 20 28.5 +0.3		
KERG			iS	Sn	21 21 06.3 +3.7		
KERG			IAML	IAML	21 21 08.0		
KERG	comp=N,1um,0.4s				21 21 08.0		

KERG	comp=E,2um,0.5s				21 21 18.0		
YESY	Yesilyurt	2.99 41	PN	Pn	21 20 27.8 -0.7		
KDHN	Kadinhani	3.03 13	iP	Pn	21 20 28.7 -0.5		
KDHN			iS	Sn	21 21 13.0 -0.1		
KDHN	comp=N,960nm,0.8s				21 21 23.0		
KDHN			IAML	IAML	21 21 23.0		
PASA	Karahalli, USA	3.12 334	iP	Pn	21 20 31.1 +0.8		
PASA			iS	Sn	21 21 06.2 -0.1		
SULT	Sultanhani-AKS	3.20 34	PN	Pn	21 20 30.9 -0.5		
AFYO	Afyonkarahisar	3.31 347	iP	Pn	21 20 34.7 +1.8		
AFYO			iS	Sn	21 21 13.7 +2.7		
KARP	Karpathos	3.33 271	PN	Pn	21 20 33.8 +0.5		
KARP	Karpathos	3.33 271	P	Pn	21 20 40.8 +0.8		
KARP			S	Sn	21 21 12.1 +0.5		
BDRM	Kayabasi	3.42 297	iP	Pn	21 20 35.3 +0.9		
AYDN	Tasoluk	3.43 309	iP	Pn	21 20 35.4 +0.9		
USAK	Uak-Merkez	3.62 331	iP	Pn	21 20 37.1 0.0		
MANT	Manisa	3.63 324	iP	Pn	21 20 37.5 0.0		
MANT	Manisa	3.63 324	iP	Pn	21 20 37.7 +0.3		
AKSY	AKSARAY - Altı	3.68 32	iP	Pn	21 20 38.8 +0.8		
AKSY			iS	Sn	21 21 14.7 -5.4		
NIDE	Nigde/Merkez-G	3.73 48	iP	Pn	21 20 39.9 +1.1		
NIDE			iS	Sn	21 21 30.0 +8.5		
NIDE			IAML	IAML	21 21 47.0		
NIDE	comp=N,580nm,0.8s				21 21 52.0		
NIDE	comp=E,1um,0.8s				21 20 39.6 +0.9		
DDIM	Aydin, Didim	3.74 302	iP	Pn	21 20 39.6 +0.9		
ASUZ	Hayat-Arsuz	3.75 78	iP	Pn	21 20 39.7 +1.2		
ASUZ			S	Sn	21 21 19.7 -2.0		
AUKIR	Kirka- Seyitga	3.75 351	iP	Pn	21 20 40.7 +1.7		
GDZ	Gezici	3.79 339	iP	Pn	21 20 39.4 -0.2		
GCAM	G?zelcam?	3.87 305	iP	Pn	21 20 40.7 +0.2		
AKO	Adana	3.87 59	iP	Pn	21 20 42.3 +1.7		
AKO			S	Sn	21 21 35.8 +3.9		
AUSIV	SIVRIHISAR	3.88 3	iP	Pn	21 20 41.0 +0.3		
BEYL	Beirut	3.88 115	eP	Pn	21 20 40.9 +0.3		
SGAZ	Esiksehir, Sey	3.97 355	iP	Pn	21 20 42.0 -0.1		
YAYL	Yayladag	3.98 82	iP	Pn	21 20 41.7 -0.5		
YAYL			S	Sn	21 21 57.0 +0.1		
BHL	Bhannes	3.99 113	eP	Pn	21 20 41.8 -0.5		
BHL			eS	Sn	21 21 24.0 -3.7		
DQRL	Deir Qamar	4.01 116	eP	Pn	21 20 42.0 -0.7		
DQRL			eS	Sn	21 21 25.0 -3.5		
DQRL			S	Sn	21 20 42.9 +0.3		
HWO	Demirci	4.02 317	iP	Pn	21 20 42.4 +0.4		
HWO	Hawqa	4.07 107	eP	Pn	21 21 25.8 -4.0		
HWO			eS	Sn	21 20 43.8 +0.2		
ANDZ	Kutahya, Merke	4.08 345	iP	Pn	21 20 45.0 +0.6		
KIRS	Kirehir-Merke	4.15 30	iP	Pn	21 21 34.8 +2.9		
KIRS			S	Sn	21 20 45.2 +0.4		
YAHY	KAYSERLI_Yahyal	4.16 51	iP	Pn	21 20 45.2 +0.4		
QRWL	Qaraoun	4.17 118	eP	Pn	21 20 45.8 0.0		
BBAL	Bala	4.24 20	iP	Pn	21 21 31.9 -2.2		
BBAL			iS	Sn	21 20 46.4 +0.2		
MMAI	Mount Meron Ar	4.28 125	P	Pn	21 20 46.4 +0.2		
MMAI	comp=E,323nm,0.3s,baz=305,slo=11,SNR=750			</			

Table with columns for station name, frequency, power, and signal quality. Includes stations like FRGS Fruska Gora, GOF Gofitskoye, BMR Baia Mare, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like MORC Moravsky Berou, MORC Moravsky Berou, WRAC Vranov, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like FETA Feichten, FETA Feichten, PVCC Panska Ves, etc.

NEUB	Neuenburg	20.99 324	eP	P	21 24 23.1	+0.1
BFO	Black Forest	21.20 314	P	P	21 24 24.9	-0.3
BFO	comp=Z,57nm,0.9s		Pmax	Pmax		
BFO	Black Forest	21.20 314	P	Iamb	21 24 24.9	-0.3
BFO	comp=Z,57nm,0.9s		Iamb	Iamb	21 24 24.8	
BFO	Black Forest	21.20 314	eP	P	21 24 25.2	0.0
PBUR	Plaburge	21.43 346	eP	P	21 24 26.3	-1.2
UBBA	Unterbreizbach	21.62 321	eP	P	21 24 31.2	+1.6
GEYT	Alibeck	21.63 76	P	P	21 24 30.2	+0.3
GYA0B	ALIBECK ARRAY	21.63 76	P	Iamb	21 24 29.9	-0.1
GYA0B	comp=Z,232nm,1.1s,baz=294,slow=15,SNR=26		Iamb	Iamb	21 24 32.4	
FLTG	Fischlingen	21.98 326	eP	P	21 24 32.2	-1.3
CLZ	Clausthal	22.07 324	eP	P	21 24 33.9	-0.6
CLZ	comp=Z,56nm,1.0s		P	P	21 24 34.4	-0.3
GTTG	Gottlingen	22.08 323	eP	P	21 24 34.4	-0.3
TNS	Taunus Mts	22.10 319	eP	P	21 24 34.3	-0.6
ASSE	Asse, Remlinge	22.11 325	eP	P	21 24 34.0	-0.8
SSB	Saint Sauveur	22.44 304	P	P	21 24 38.4	-0.2
SSB	comp=Z,18nm,1.2s		Pmax	Pmax		
SSB	Saint Sauveur	22.44 304	P	P	21 24 38.4	-0.2
KASTN	Kahler Asten	22.66 321	eP	P	21 24 39.9	-0.9
AHRW	Bad Neuenahr-A	23.01 318	eP	P	21 24 44.0	0.0
WLF	Walferdange	23.09 315	eP	P	21 24 44.1	-1.2
WLF	comp=Z,100nm,0.9s		dPP	PnPn	21 25 11.1	-0.5
WLF	Walferdange	23.09 315	P	P	21 24 44.0	-1.2
WLF	comp=Z,65nm,1.1s		Iamb	Iamb	21 24 44.0	-1.1
WLF	Walferdange	23.09 315	eP	P	21 24 44.6	-0.6
WLF	comp=Z,78nm,1.1s		P	P	21 24 45.6	+0.4
YSU	Yasula	23.10 354	eP	P	21 24 45.4	+0.2
YSU	comp=Z,35nm,1.0s		Pmax	Pmax		
BUG	Bochum-Union	23.39 320	eP	P	21 24 47.2	-0.9
BSEG	Bad Segeberg	23.48 328	eP	P	21 24 47.8	-1.1
LUNU	Lund	23.49 334	iP	P	21 24 47.9	-1.2
BHOU	Houvezne	23.51 317	eP	P	21 24 48.0	-0.3
BHOU	comp=Z,38nm,1.1s		dP	P	21 24 58.6	-1.4
BHOU	comp=Z,41nm,0.0s		dP	P	21 25 03.6	+0.3
BTNL	Ternell	23.55 317	eP	P	21 24 49.5	-0.2
BTNL	comp=Z,41nm,0.0s		dP	PwP	21 25 03.7	-0.7
MEM	Membach	23.63 317	eP	PnPn	21 25 17.8	-0.1
MEM	comp=Z,35nm,1.8s		dP	P	21 24 59.0	-2.2
MEM	Ibbenburen	23.63 322	eP	P	21 24 50.0	-0.5
MTSE	Matsula	23.68 350	eP	P	21 24 49.3	-1.5
RCHB	Rochefort	23.85 316	eP	P	21 24 51.7	-0.7
RCHB	comp=Z,62nm,1.9s		dP	P	21 25 02.3	-1.1
BSTI	Sart Tilman	23.86 317	eP	P	21 24 53.0	+0.4
BSTI	comp=Z,31nm,1.6s		dP	P	21 25 03.7	+0.1
BEBN	Eben Emael	23.91 317	eP	P	21 24 52.5	-0.5
BCLA	Clavier	23.93 316	eP	P	21 24 53.2	0.0
BCLA	comp=Z,78nm,1.5s		dP	P	21 25 01.7	-2.5
UOSS	Mijnazif	23.95 109	P	P	21 25 08.4	+0.8
BJUU	Bjuz	23.99 334	iP	P	21 24 54.2	+0.5
DEL	Delary	24.01 336	iP	P	21 24 53.5	-0.1
BGES	Gesves	24.04 316	eP	P	21 24 52.8	-1.1
BGES	comp=Z,82nm,1.6s		dP	P	21 24 54.2	0.0
BMRD	Maredsous	24.18 316	eP	P	21 25 08.8	+0.1
BMRD	comp=Z,55nm,2.0s		dP	P	21 24 56.0	+0.5
BMRD	comp=Z,55nm,2.0s		dx	x	21 25 09.1	
BMRD	comp=Z,55nm,2.0s		dx	x	21 25 22.4	
DOU	Dourbes	24.18 315	eP	P	21 24 55.3	-0.3
DOU	comp=Z,46nm,0.9s		dP	P	21 25 03.8	-2.9
DOU	comp=Z,46nm,0.9s		dP	P	21 25 10.0	0.0
AKTO	Aktyubinsk	24.40 44	P	P	21 24 57.0	-0.5
SNF	Seneffe	24.55 316	eP	P	21 24 58.7	-0.2
SNF	comp=Z,88nm,1.1s		P	P	21 24 59.1	-0.6
UCC	Uccle	24.64 316	P	P	21 24 59.1	-0.6
UCC	comp=Z,72nm,1.6s		Iamb	Iamb	21 25 25.3	
FABU	Falkenberg	24.82 336	iP	P	21 25 01.2	0.0
ABKAR	Akbulak array	25.04 48	P	P	21 25 03.0	-0.4
ABKAR	Akbulak array	25.04 48	P	Iamb	21 25 03.1	-0.2
ABKAR	comp=Z,29nm,1.1s		P	P	21 25 05.6	
MEF	Metsahovi	25.07 352	eP	P	21 25 02.6	-0.8
BORU	Boraas	25.30 336	iP	P	21 25 05.1	-0.6
HRA	Herat	25.38 84	P	P	21 25 07.2	+0.4
ONAU	Onsala	25.40 335	iP	P	21 25 06.1	-0.4
AAL	Aland	25.69 347	eP	P	21 25 07.6	-1.5
MUD	Monsted U/grnd	25.70 331	iP	P	21 25 08.0	-1.2
MUD	Monsted U/grnd	25.70 331	iP	P	21 25 08.0	-1.2
KLMR	Klimovskoe	25.86 90	iP	S	21 25 08.8	-1.8
KLMR	comp=Z,137nm,1.4s		Pmax	Pmax	21 29 33.8	-3.2
KLMR	comp=Z,590nm,15.0s		MLR	MLR		
KLMR	Klimovskoe	25.86 90	iP	P	21 25 08.8	-1.8
KLMR	comp=Z,137nm,1.4s		ePP	PnPn	21 25 40.8	-8.5
KLMR	comp=Z,137nm,1.4s		eS	S	21 29 33.8	-3.2
KLMR	comp=Z,590nm,14.5s		AMP	AMP	21 37 59.8	
UPP	Uppsala	25.87 344	eP	P	21 25 09.7	-1.0
KIRV	Kirov	25.97 22	P	P	21 25 10.4	-1.2
KIRV	comp=Z,54nm,0.5s,baz=241,slow=4.6,SNR=28		LR	LR	21 37 39.5	
TJOU	Toern	26.00 336	iP	P	21 25 10.7	-1.1
FINES	FINES Array B	26.11 354	P	P	21 25 10.9	-1.9
FINES	comp=Z,11nm,0.4s,baz=158,slow=12,SNR=144		LR	LR	21 36 31.9	
FINES	comp=Z,498nm,20.4s,baz=176,slow=39		P	P	21 25 11.2	-1.7
FINES	FINES Array B	26.11 354	P	P	21 25 11.2	-1.7
FINES	FINES Array B	26.11 354	P	P	21 25 11.4	-1.5
ATD	Arta Tunnel	26.14 153	LR	LR	21 35 32.0	
RAF	Rauma	26.19 350	eP	P	21 25 12.4	-1.2
WSAR	Wadi Sarin	26.73 110	LR	LR	21 38 43.2	
STRU	Stroomstad	26.93 337	iP	P	21 25 19.1	-1.1
HFS	Hagfors	27.09 341	iP	P	21 25 20.3	-1.4
HFS	comp=Z,29nm,1.0s,baz=189,slow=7.9,SNR=23		LR	LR	21 37 52.5	
HOMB	Homborsund	27.26 334	eP	P	21 25 22.3	-1.0
PRGR	Permogore	27.64 15	eP	P	21 25 25.2	-1.4
PRGR	comp=Z,62nm,1.2s		Pmax	Pmax		
OSL	Oslo	27.79 338	eP	P	21 25 26.5	-1.5
ARU	Arti	27.88 33	P	P	21 25 27.8	-1.1
ARU	comp=Z,5.9nm,0.3s,baz=227,slow=7.0,SNR=59		LR	LR	21 38 36.6	
ARU	Arti	27.88 33	iP	P	21 25 27.5	-1.4

ARU	Arti	27.88 33	P	P	21 25 28.0	-0.9
ARU	comp=Z,47nm,1.0s		Iamb	Iamb	21 25 29.4	
KONO	Kongsberg	27.92 336	P	P	21 25 28.0	-1.1
KONO	comp=Z,48nm,1.3s		Pmax	Pmax		
KONO	Kongsberg	27.92 336	eP	P	21 25 28.1	-1.0
KONO	Kongsberg	27.92 336	eP	Iamb	21 25 28.0	-1.1
KONO	comp=Z,48nm,1.2s		P	P	21 25 32.3	
ESBB	Seneca Array	28.08 289	P	P	21 25 31.0	+0.1
ESBB	Seneca Array	28.08 289	P	P	21 25 31.6	+0.7
ESDC	comp=Z,12nm,0.9s,baz=60,slow=3.9,SNR=60		PcP	PcP	21 28 44.1	-0.3
ESDC	comp=Z,1.6nm,0.9s,baz=39,slow=1.9,SNR=4.4		LR	LR	21 37 01.3	
ESDC	comp=Z,203nm,21.7s,baz=85,slow=37		P	P	21 25 31.2	+0.3
ESDC	NORSAR Array S	28.18 339	P	P	21 25 29.9	-1.6
NC602	NORSAR Array S	28.18 339	P	P	21 25 29.4	-2.1
NC602	NORSAR Array S	28.18 339	P	P	21 25 33.9	+0.2
PAB	San Pablo	28.38 289	P	P	21 25 33.9	+0.2
PAB	comp=Z,16nm,1.2s		Pmax	Pmax		
PAB	San Pablo	28.38 289	P	P	21 25 31.3	-2.6
NC405	NORSAR Array S	28.44 340	Iamb	Iamb	21 25 58.5	
NA001	NORSAR Array S	28.46 339	P	Iamb	21 25 32.5	-1.5
NA001	comp=Z,79nm,1.8s		Iamb	Iamb	21 25 37.4	-0.5
NB2	NORSAR Subarra	28.52 340	P	P	21 25 32.6	-2.0
NB2	comp=Z,15nm,1.1s,baz=144,slow=9.3		P	P	21 25 32.6	-2.0
NB2	NORSAR Subarra	28.52 340	P	P	21 25 32.6	-2.0
NOA	NORSAR Array B	28.52 340	P	P	21 25 32.3	-2.3
NOA	comp=Z,4.4nm,0.6s,baz=141,slow=9.2,SNR=35		LR	LR	21 39 04.3	
NOA	comp=Z,787nm,18.4s,baz=150,slow=11		LR	LR	21 39 04.3	
NC303	NORSAR Array S	28.63 340	P	P	21 25 33.5	-2.1
BL55	Blasio	28.83 334	eP	P	21 25 37.2	-0.2
NC204	NORSAR Array S	28.85 339	P	Iamb	21 25 36.1	-1.4
NC204	comp=Z,35nm,1.1s		Iamb	Iamb	21 25 41.8	
SVE	Sverdlövsk	29.05 340	eP	P	21 25 39.7	+0.5
SVE	comp=Z,64nm,1.1s		Pmax	Pmax		
ODD1	Skarslia	29.12 334	eP	P	21 25 39.8	-0.1
SKAR	Skarslia	29.12 337	eP	P	21 25 39.2	-0.8
MCH1	Michaelchurch	29.34 315	eP	P	21 25 40.5	-1.4
MCH1	Midelt	29.69 275	P	P	21 25 45.6	+0.3
BDR	comp=Z,4.5nm,0.9s,baz=73,slow=9.3,SNR=7.5		P	P	21 25 44.4	-2.4
BDR	comp=Z,4.5nm,0.9s,baz=73,slow=9.3,SNR=7.5		P	P	21 25 46.5	+0.7
ASK	Askoy	30.03 334	eP	P	21 25 47.3	-0.5
PBRG	Braganca	30.13 294	eP	P	21 25 49.7	+0.7
HTA	Huyangarong	30.18 336	eP	P	21 25 49.0	-0.1
CHGR	Chuyangarong	30.25 73	P	Iamb	21 25 49.8	-0.4
CHGR	comp=Z,23nm,0.8s		eLR	LR	21 37 03.4	
MVO	Moncorvo	30.36 292	eLR	LR	21 30 54.2	+5.4
CHM	Chimkent	30.39 65	eS	S	21 25 51.6	-1.1
SUE	Sulen	30.59 335	eP	P	21 25 52.5	-0.3
TBLU	Tromheim	30.59 341	eP	P	21 25 53.4	+0.2
PBAR	Barrancos	30.60 286	eP	P	21 25 53.4	-0.2
AKN	Aaknes	30.67 338	eP	P	21 25 53.6	-0.7
IUG	Iuzhnyy	30.71 66	eP	P	21 25 53.5	-0.7
IUG	Iuzhnyy	30.71 66	eP	P	21 25 53.0	-1.1
ESY	Stoneypath	30.72 322	eP	P	21 25 51.1	+0.6
PMRV	Marv???	30.74 289	eP	LR	21 25 51.1	+0.6
PMRV	comp=Z,23nm,1.4s		eLR	LR	21 36 08.6	
ESK	Eskdalemuir	30.75 321	eP	P	21 25 53.0	-1.3
ESK	Eskdalemuir	30.75 321	P	P	21 25 52.6	-1.7
ESK	comp=Z,99nm,1.6s		Pmax	Pmax		
ESK	Eskdalemuir	30.75 321	P	P	21 25 55.7	-1.7
MTE	Manteigas	30.79 291	eP	P	21 25 52.7	+0.8
MTE	comp=Z,25nm,1.8s		eLR	LQ	21 32 44.8	
MTE	comp=Z,25nm,1.8s		eLR	LQ	21 35 34.5	
MOL	Molde	30.80 339	eP	P	21 25 54.0	-0.7
KBL	Kabul	30.83 81	P	P	21 25 55.1	-0.5
KBL	comp=Z,5.0nm,1.1s		Pmax	Pmax		
KBL	Kabul	30.83 81	P	P	21 25 55.1	-0.5
EBL	Broad Law	30.87 322	eP	P	21 25 54.8	-0.8
FOO	Flores	30.87 326	eP	P	21 25 54.9	-1.4
PESTR	Estremoz	30.95 288	eP	P	21 25 56.2	-0.1
PESTR	comp=Z,31nm,1.4s		Iamb	Iamb	21 25 55.3	-1.3
PESTR	Estremoz	30.95 288	P	P	21 25 56.3	-1.3
EDI	Edinburgh	31.01 322	eP	Iamb	21 25 56.3	-1.3
WIM	Isle of Man	31.06 318	eP	P	21 25 56.4	-0.7
KK31	Karatay Array	31.07 64	P	P	21 25 57.1	-0.2
KK31	comp=Z,22nm,1.2s		Pmax	Pmax		
KK3						

18d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SHLS, KOWA, MAZK, etc.

2015 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like NEEM, SFJD, SONM, etc.

988

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIA, GBN, TPTI, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TOLK Toolik Lake Re, J59A Piesco, I57A Carthage, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like FFC Flin Flon, FFC Beaver Creek A, L27K Beaver Creek, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, BBOO Buebe, etc.

IDC 18 21:19:50.71.9, 23:335x179.40E, h536km, 19km, mb3.2/3, mb1 3.4/5, mb1mx3.1/23, mbtmp4.2/5, Error ellipse: s-maj=28.1km s-min=19.1km az=148.0

ISC 18 21:19:50.90.8, 23:395.0, 08:179.6'E, 0.2, h548km, n36, e190/40, mb3.8/3, South of Fiji Islands

DJA 18 21:50:29.1.0.3, 2'S, 3'E, h10km, M3.7/12, mb4.1/2, ML3.6/12, Sulawesi

DDA 18 21:58:10.3, 35:54N, 31:36E, h25km, 1km, MW4.1, NIC 18 21:58:10.0, 0.0, 35:08N, 31:31E, h7km, 1km, M4.3/6

MOS 18 21:58:13.7, 1.1, 35:67N, 31:26E, h65km, mb4.6/12, Error ellipse: s-maj=7.2km s-min=4.0km az=89.4

IDC 18 21:58:13.0, 1.0, 35:57N, 31:18E, h49km, 1.1km, mb4.0/23, mb1 4.0/34, mb1mx3.9/59, mbtmp4.2/34, ML4.1/10, MS3.1/13, Ms1 3.1/13, ms1mx2.9/44, Error ellipse: s-maj=10.4km s-min=8.0km az=18.0

NEIC 18 21:58:13.6, 1.9, 35:55N, 0:06, 31:29E, 0:05, h44km, 7km, mb4.1/41, ML4.3(NIC), ML4.1(ISK), Error ellipse: s-maj=10.1km s-min=5.2km az=203.0

HLW 18 21:58:14.9, 35:42N, 30:95E, h23km, 16km, Md4.4, M4.4, ISC 18 21:58:13.2, 0.7, 35:59N, 0:03, 31:29E, 0:02, h44km, 7km, n369, e169/391, mb4.3/22, MS3.0/6, 34C-170, Cyprus regio

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PMSI Majene, BNSI Bone, KAPI Kappang, etc.

18d 21h

2015 AUG

Table with multiple columns containing station names (e.g., DEMR, NATA, KEZP), frequencies, and signal strength values. The table is organized into several vertical sections, each representing a different station or group of stations.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RATU Laukkulupa, SGF Sodankyl, HEF Hetta, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KLMR Klimovskoe, H0BS1 Diego Garcia, H0W3 Cape Leeuwin, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CKRC Cosky Krumlov, GERS GERRSS Array B, WATA Walderalm, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MK31, MKAR, MKAR, MAZK, MAZK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like FINES, FINES, FINES, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like RND, RND, RND, etc.

NEIC 19 01:03.26.3.5.66:16N.0:03.141:29W.0:03,h10km,6km, Error ellipse: s-maj=4.9km s-min=4.4km az=192.0

ISG 19 01:35.8.0.9.66:17N.0:03.141:37W.0:03,h10km,n45,+195E/54,Northern Alaska

IDC 19 01:37:41.0.24.0.0:00N:18:13W,h0km,mb3.6/2, mb1 3.9/3,mb1mx3.5/29,mbtmp3.9/3,ML4.4/1, Error ellipse: s-maj=438.1km s-min=73.6km az=16.0, Central Mid-Atlantic Ridge

STR 19 01:40:06.0.1.0.47:N.10:1.3:E, h0km, MLV3.3/7, smi:ssc/0.6/LCOSAT earthModelID smi:ssc/0.6/lps_taup-2.11 confirmed

WTTA Wattenberg 0.39 244 Op Pg ISC 01 00 26.7 0.0 WTTA Wattenberg 0.39 244 P Pg Sg 01 00 26.0 0.0

WTTA Wattenberg 0.39 244 P Pg Sg 01 00 26.0 0.0 WTTA Wattenberg 0.39 244 P Pg Sg 01 00 26.0 0.0

WTTA Wattenberg 0.39 244 P Pg Sg 01 00 26.0 0.0 WTTA Wattenberg 0.39 244 P Pg Sg 01 00 26.0 0.0

WTTA Wattenberg 0.39 244 P Pg Sg 01 00 26.0 0.0 WTTA Wattenberg 0.39 244 P Pg Sg 01 00 26.0 0.0

WTTA Wattenberg 0.39 244 P Pg Sg 01 00 26.0 0.0 WTTA Wattenberg 0.39 244 P Pg Sg 01 00 26.0 0.0

WTTA Wattenberg 0.39 244 P Pg Sg 01 00 26.0 0.0 WTTA Wattenberg 0.39 244 P Pg Sg 01 00 26.0 0.0

WTTA Wattenberg 0.39 244 P Pg Sg 01 00 26.0 0.0 WTTA Wattenberg 0.39 244 P Pg Sg 01 00 26.0 0.0

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

NEIC 19 04:33:49.1±1.2, 5.5S±0.1, 154.8E±0.2, h443km, 9km, mb4.3/13, Error ellipse: s-maj=24.7km s-min=14.9km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HNR, HNR, HNR, PATS, CTA, etc.

Table with columns: ILAR, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ILAR, ILAR, MK31, MK31, etc.

TUL 19 04:37:04.9±1.2, 3.6°48N±0.02, 98°52'W±0.02, h3km, 1km, ML2.5, mb_Lg2.5/40(NEIC), Error ellipse: s-maj=3.0km s-min=2.0km az=145.0

NEIC 19 04:37:05.7±1.7, 36.50N±0.03, 98.51W±0.02, h15km, 7km, Error ellipse: s-maj=4.4km s-min=2.3km az=156.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OK032, U32A, U32A, etc.

NEIC 19 04:52:09.0±0.4, 35.71N±0.32, 40E, h28km, ML2.4/5 ISK 19 04:52:09.7, 35.54N±0.32, 32E, h29km, ML2.7/2

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

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

NIC 19 05:14:02.2±0.0, 35.91N±31.44E, h4km, 1km, ML2.6/3 DDA 19 05:14:04.6, 35.74N±31.45E, h11km, 2km, ML2.1

ISC 19 05:14:04.8±1.1, 35.72N±0.03, 31.44E±0.03, h19km, 3km, n19, r153/36, Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GAZI, GAZI, AKMS, AKMS, etc.

Table with columns: PB03, IPOC Station P, 1.27 358 eP, Pn, 05 55 15.2 -0.1, SUSD, Miller, 2.84 19 P, Pn, 06 49 59.3 +2.6

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

Table with columns: H10N3, ASCENSION HYDR4.21 121, H10N2, ASCENSION HYDR4.21 121, H10N1, ASCENSION HYDR4.21 121

Table with columns: IDC 19 06:45:36.7, 2.8, 51.83N, 177.93E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.5/2, mbtmp3.6/4, MS, 0.2, Ms1 3.0/2, ms1mx2.4/3.4, Error ellipse: s-maj=71.9km s-min=33.2km

Table with columns: NEIC 19 06:45:48.0, 0.7, 51.72N, 108.178E, 0.06, h102km, 5km, Error ellipse: s-maj=11.6km s-min=3.9km

Table with columns: AEIC 19 06:45:49.0, 8.5, 51.80N, 108.178E, 0.08, h97km, 4km, ML3.2, Error ellipse: s-maj=14.7km s-min=6.0km az=197.0

Table with columns: ISC 19 06:45:48.3, 1.3, 51.81N, 108.178E, 0.09, h100km, n25, c0581/26, mb3.6/4, Rat Islands

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

Table with columns: IDC 19 06:48:36.9, 0.9, 41.81N, 100.33W, h0km, mb1 3.9/5, mb1mx3.5/4, mbtmp3.6/5, ML3.6/5, Error ellipse: s-maj=13.2km s-min=9.9km az=121.0

Table with columns: ANF 19 06:48:37.9, 1.0, 41.76N, 100.22W, h0km, 7km, ML4.6/18, Error ellipse: s-maj=3.0km s-min=2.6km az=158.0

Table with columns: NEIC 19 06:48:39.6, 0.9, 41.78N, 100.26W, 0.04, h15km, 8km, mb_Lg3.6/15.9, Error ellipse: s-maj=6.1km s-min=3.8km az=155.0

Table with columns: ISC 19 06:48:37.6, 1.9, 41.77N, 100.04W, 0.03, h12km, n14km, n187, c1930/172, Nebraska

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

Table with columns: SUSD, Miller, 2.84 19 P, Pn, 06 49 59.3 +2.6

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

Table with columns: KSCO, Kaye Shedlock, 3.30 214 P, Pn, 06 49 30.5 +1.3

Table with columns: N35A, Tabor, 3.57 103 P, Pn, 06 49 34.7 +1.9

Table with columns: N35A, Tabor, 3.57 103 P, S, 06 49 34.7

Table with columns: RSSD, Black Hills, 3.65 311 IAmB_Lg, Pn, 06 49 36.5 +2.5

Table with columns: RSSD, Black Hills, 3.65 311 P, Pn, 06 49 36.1 +2.1

Table with columns: RSSD, Black Hills, 3.65 311 P, Sb, 06 49 35.9 +1.9

Table with columns: RSSD, Black Hills, 3.65 311 P, Sb, 06 50 29.6 +3.2

Table with columns: RSSD, Black Hills, 3.65 311 P, Pn, 06 49 36.1

Table with columns: KSU1, Kansas State U, 3.84 133 P, Pn, 06 49 37.7 +1.4

Table with columns: KSU1, Kansas State U, 3.84 133 P, Pn, 06 49 37.5 +1.2

Table with columns: KSU1, Kansas State U, 3.84 133 P, S, 06 49 37.5 +1.2

Table with columns: KSU1, Kansas State U, 3.84 133 P, S, 06 50 22.2 +0.9

Table with columns: KSU1, Kansas State U, 3.84 133 P, Pn, 06 49 37.5 +1.2

Table with columns: PHWY, Pilot Hill, 3.95 265 IAmB_Lg, Pn, 06 49 39.1 +0.9

Table with columns: N23A, Red Feather L, 4.39 260 P, S, 06 49 45.3 +1.1

Table with columns: ISCO, Idaho Springs, 4.53 246 IAmB_Lg, Pn, 06 49 46.9 +0.7

Table with columns: ISCO, Idaho Springs, 4.53 246 P, Pn, 06 51 15.3

Table with columns: ISCO, Idaho Springs, 4.53 246 P, Pn, 06 49 47.0 +0.8

Table with columns: ISCO, Idaho Springs, 4.53 246 P, S, 06 49 47.0 +0.8

Table with columns: ISCO, Idaho Springs, 4.53 246 P, S, 06 50 38.6 -0.4

Table with columns: Q24A, Divide, 4.68 235 P, Pn, 06 49 49.2 +0.9

Table with columns: Q24A, Casper, 4.76 283 Pn, IAmB_Lg, Pn, 06 49 49.7 +0.7

Table with columns: K22A, Casper, 4.76 283 P, Pn, 06 49 49.7 +0.7

Table with columns: K22A, Casper, 4.76 283 P, Pn, 06 49 49.8 +0.6

Table with columns: K22A, Casper, 4.76 283 P, Pn, 06 49 49.8 +0.6

Table with columns: KAN12, Harper NE State, 4.78 158 IAmB_Lg, Pn, 06 51 18.4

Table with columns: E28A, Huff, 4.82 356 P, Pn, 06 49 50.7 +0.8

Table with columns: E28A, Huff, 4.82 356 P, Pn, 06 49 50.8 +0.8

Table with columns: E28A, Huff, 4.82 356 P, Pn, 06 49 50.8

Table with columns: KAN08, Anthony NE Sta, 4.86 158 Pn, IAmB_Lg, Pn, 06 49 51.7 +1.3

Table with columns: KAN10, Anthony SW Sta, 4.92 160 IAmB_Lg, Pn, 06 51 24.2

Table with columns: F33A, 5 Mile Ranch, 4.97 34 P, Pn, 06 51 25.3

Table with columns: F33A, 5 Mile Ranch, 4.97 34 P, Pn, 06 49 52.3 +0.3

Table with columns: F33A, 5 Mile Ranch, 4.97 34 P, Pn, 06 49 52.3

Table with columns: KAN17, Caldwell West, 5.09 157 IAmB_Lg, Pn, 06 51 23.0

Table with columns: OK032, Salt Plains WL, 5.20 162 Pn, IAmB_Lg, Pn, 06 49 56.7 +1.6

Table with columns: KAN13, South Haven SW, 5.20 155 Pn, IAmB_Lg, Pn, 06 49 56.4 +1.3

Table with columns: CROK, Carrier, 5.54 161 Pn, Pn, 06 50 01.3 +1.5

Table with columns: K38A, Parkersburg, 5.61 78 Pn, Pn, 06 50 01.8 +1.1

Table with columns: K38A, Parkersburg, 5.61 78 P, Pn, 06 50 01.8 +1.1

Table with columns: T35A, Sooner Cattle, 5.63 148 Pn, Pn, 06 50 01.9 +0.7

Table with columns: T25A, Trinidad, 5.64 216 IAmB_Lg, Pn, 06 50 02.0 +0.7

Table with columns: T25A, Trinidad, 5.64 216 P, Pn, 06 50 02.0 +0.7

Table with columns: SDCO, Great Sand Dun, 5.71 227 IAmB_Lg, Pn, 06 50 03.1 +0.8

Table with columns: SDCO, Great Sand Dun, 5.71 227 P, Pn, 06 50 03.1 +0.8

Table with columns: SDCO, Great Sand Dun, 5.71 227 P, Pn, 06 50 03.2 +0.9

Table with columns: SDCO, Great Sand Dun, 5.71 227 P, Pn, 06 50 02.7 +0.3

Table with columns: SDCO, Great Sand Dun, 5.71 227 P, Pn, 06 50 03.7

Table with columns: SMCO, Snowmass, 5.75 246 IAmB_Lg, Pn, 06 51 49.0

Table with columns: D32A, Dogwood Acres, 5.84 22 IAmB_Lg, Pn, 06 51 51.2

Table with columns: MDND, Maddock, 6.10 4 Pn, IAmB_Lg, Pn, 06 50 06.7 -0.7

Table with columns: MDND, Maddock, 6.10 4 P, Pn, 06 50 06.5 -0.9

Table with columns: MDND, Maddock, 6.10 4 P, S, 06 51 12.4 -4.7

Table with columns: QN02, Quay, 6.22 153 IAmB_Lg, Pn, 06 52 07.1

Table with columns: Q20A, White River Ci, 6.28 258 IAmB_Lg, Pn, 06 50 11.7 +1.6

Table with columns: Q20A, White River Ci, 6.28 258 P, Pn, 06 52 04.5

Table with columns: OK029, Liberty Lake, 6.34 159 IAmB_Lg, Pn, 06 52 11.5

Table with columns: F36A, Milaca, 6.35 48 Pn, IAmB_Lg, Pn, 06 50 11.8 +0.9

Table with columns: F36A, Milaca, 6.35 48 P, Pn, 06 51 57.9

Table with columns: F36A, Milaca, 6.35 48 P, Pn, 06 51 11.8 +0.9

Table with columns: F36A, Milaca, 6.35 48 P, Pn, 06 50 11.8

Table with columns: SPMN, Marine on St., 6.41 55 Pn, IAmB_Lg, Pn, 06 50 12.9 +1.1

Table with columns: SPMN, Marine on St., 6.41 55 P, Pn, 06 52 20.8

Table with columns: SPMN, Marine on St., 6.41 55 P, Pn, 06 50 12.8 +1.1

Table with columns: S22A, 4UR Ranch, Cre, 6.47 234 P, Pn, 06 50 13.6 +0.7

Table with columns: LAO, LASA Array, 6.54 321 IAmB_Lg, Pn, 06 52 15.2

Table with columns: LAO, LASA Array, 6.54 321 P, Pn, 06 50 13.0

Table with columns: P40A, Paris, 6.61 107 IAmB_Lg, Pn, 06 52 20.3

Table with columns: P40A, Paris, 6.61 107 P, Pn, 06 50 14.8 +0.4

Table with columns: P40A, Paris, 6.61 107 P, Pn, 06 50 14.8

Table with columns: S39A, Bolivar, 6.70 125 Pn, IAmB_Lg, Pn, 06 50 16.0 +0.3

Table with columns: S39A, Bolivar, 6.70 125 P, Pn, 06 52 13.5

Table with columns: S39A, Bolivar, 6.70 125 P, Pn, 06 50 16.2 +0.5

Table with columns: S39A, Bolivar, 6.70 125 P, Pn, 06 50 16.2

Table with columns: OKCFA, Oklahoma City, 6.70 160 IAmB_Lg, Pn, 06 52 25.5

Table with columns: L40A, Anamasa, 6.73 84 P, Pn, 06 50 17.0 +0.9

Table with columns: TUL1, Leonard, 6.79 148 P, Pn, 06 50 16.8 -0.2

Table with columns: TUL1, Leonard, 6.79 148 S, Sn, 06 51 30.2 -4.0

Table with columns: BW06, Boulder Array, 6.99 281 P, Pn, 06 50 20.6 +0.7

Table with columns: BW06, Boulder Array, 6.99 281 P, Pn, 06 50 19.7 -0.2

Table with columns: PDAR, Pinedale Array, 6.99 281 Pn, Pn, 06 50 20.4 +0.5

Table with columns: PDAR, Pinedale Array, 6.99 281 P, Pn, 06 50 19.7 -0.2

Table with columns: U38A, Gravette, 7.00 138 IAmB_Lg, Pn, 06 50 20.8 +1.0

Table with columns: U38A, Gravette, 7.00 138 P, Pn, 06 52 26.1

Table with columns: R40A, Maddies Statio, 7.03 117 Pn, IAmB_Lg, Pn, 06 50 20.4 +0.2

Table with columns: R40A, Maddies Statio, 7.03 117 P, Pn, 06 52 26.4

Table with columns: R40A, Maddies Statio, 7.03 117 P, Pn, 06 50 20.5 +0.4

Table with columns: R40A, Maddies Statio, 7.03 117 P, Pn, 06 50 20.5

Table with columns: WMOK, Wichita Mounta, 7.11 170 IAmB_Lg, Pn, 06 50 21.6 +0.3

Table with columns: WMOK, Wichita Mounta, 7.11 170 P, Pn, 06 52 42.1

Table with columns: WMOK, Wichita Mounta, 7.11 170 P, Pn, 06 50 21.6 +0.3

Table with columns: WMOK, Wichita Mounta, 7.11 170 P, Pn, 06 50 21.4 +0.1

Table with columns: RDMU, Red Mountain, 7.14 263 IAmB_Lg, Pn, 06 52 39.8

Table with columns: AGMN, Agassiz Nation, 7.23 24 P, Pn, 06 50 22.5 -0.4

Table with columns: AGMN, Agassiz Nation, 7.23 24 P, Pn, 06 50 21.8 -1.1

Table with columns: DGMT, Dagmar, 7.27 339 Pn, IAmB_Lg, Pn, 06 50 24.1 +0.6

Table with columns: DGMT, Dagmar, 7.27 339 P, Pn, 06 52 37.3

Table with columns: DGMT, Dagmar, 7.27 339 P, Pn, 06 50 24.6 +1.1

Table with columns: DGMT, Dagmar, 7.27 339 P, Pn, 06 50 23.7 +0.2

Table with columns: DGMT, Dagmar, 7.27 339 P, Pn, 06 50 24.6

Table with columns: HHAR, Hobbs, 7.34 136 IAmB_Lg, Pn, 06 50 25.3 +0.7

Table with columns: HHAR, Hobbs, 7.34 136 P, Pn, 06 52 32.3

Table with columns: RLMT, Red Lodge, 7.38 300 Pn, IAmB_Lg, Pn, 06 50 25.4 +0.1

Table with columns: RLMT, Red Lodge, 7.38 300 P, Pn, 06 52 45.9

Table with columns: RLMT, Red Lodge, 7.38 300 P, Pn, 06 50 24.9 -0.4

Table with columns: I40A, Norwalk, 7.38 70 Pn, IAmB_Lg, Pn, 06 50 25.6 +0.6

Table with columns: I40A, Norwalk, 7.38 70 P, Pn, 06 52 39.8

Table with columns: X34A, Smith Ranch, M, 7.40 164 Pn, Pn, 06 50 26.3 +1.0

Table with columns: JFWF, Jewell Farm, 7.49 78 P, Pn, 06 50 26.1 -0.4

Table with columns: MGMO, Mountain Grove, 7.69 124 IAmB_Lg, Pn, 06 50 29.4 +0.1

Table with columns: MGMO, Mountain Grove, 7.69 124 P, Pn, 06 52 46.2

Table with columns: YMP, Mirror Lake Pl, 7.83 296 Pn, Pn, 06 50 31.9 +0.4

Table with columns: U40A, Yellville, 7.83 131 Pn, IAmB_Lg, Pn, 06 50 32.2 +0.4

Table with columns: U40A, Yellville, 7.83 131 P, Pn, 06 52 53.2

Table with columns: U40A, Yellville, 7.88 131 P, Pn, 06 50 32.3 +0.4

Table with columns: U40A, Yellville, 7.88 131 P, Pn, 06 50 32.1 +0.2

Table with columns: U40A, Yellville, 7.88 131 P, Pn, 06 50 32.3

Table with columns: U40A, Yellville, 7.88 131 P, Pn, 06 50 32.3

Table with columns: U40A, Yellville, 7.88 131 P, Pn, 06 50 32.3

Table with columns: E38A, The Farm, Brul, 7.89 49 IAmB_Lg, Pn, 06 52 55.4

Table with columns: MSTX, Muleshoe, 8.04 195 Pn, Pn, 06 50 34.2 0.0

Table with columns: MSTX, Muleshoe, 8.04 195 P, Pn, 06 50 34.2 0.0

Table with columns: B35A, Rib Lake, 8.04 33 IAmB_Lg, Pn, 06 52 52.1

Table with columns: G40A, Rib Lake, 8.09 61 IAmB_Lg, Pn, 06 52 55.1

Table with columns: X37A, Clayton, 8.12 150 Pn, Pn, 06 50 35.1 -0.1

Table with columns: IMV, Indian Meadow, 8.15 289 Pn, Pn, 06 50 36.4 +0.5

Table with columns: SLM, Saint Louis, 8.25 109 IAmB_Lg, Pn, 06 53 09.3

Table with columns: W39A, Magazine, 8.28 140 P, Pn, 06 50 37.7 +0.4

Table with columns: W39A, Magazine, 8.28 140 P, Pn, 06 50 37.2 -0.2

Table with columns: SRU, San Rafael Swe, 8.28 255 IAmB_Lg, Pn, 06 53 05.1

Table with columns: P17A, Butcher Ranch, 8.31 257 IAmB_Lg, Pn, 06 53 01.5

Table with columns: HDIL, Hopedale, 8.34 95 Pn, IAmB_Lg, Pn, 06 50 38.2 -0.1

Table with columns: HDIL, Hopedale, 8.34 95 P, Pn, 06 53 29.5

Table with columns: HDIL, Hopedale, 8.34 95 P, Pn, 06 50 38.1 -0.1

Table with columns: HDIL, Hopedale, 8.34 95 P, Pn, 06 50 38.1 -0.1

19d 7h

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like HDIL Hopedale, ANMO Albuquerque, FCAR Ozark Folk Cen, etc.

NNC 19 07:14:03.1±0.3,50.00N:78.67E,h0km,mb3.7,mpv3.4, 12C-11D, Error ellipse: s-maj=8.8km s-min=1.5km az=82.0, Suspected Mining explosion., Eastern

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like KUR07 Kurchatov Arra, KUR15 Kurchatov Arra, etc.

2015 AUG

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like KUR17 Kurchatov Arra, KUR05 Kurchatov Arra, etc.

IDC 19 07:33:13.5±3.0,32.34S:178.32W,h0km,mb3.9/2, mb1 4.1/3,mb1mx3.7/28,mbtmp3.9/3,ML3.7/1, Error ellipse: s-maj=70.8km s-min=45.3km az=122.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 19 07:33:54.6±6.0,3.85N:94.52E,h0km,mb3.8/3,mb1 4.0/3, mb1mx3.5/48,mbtmp3.8/3,MS3.3/1,Ms1 3.3/1, ms1mx2.5/51, Error ellipse: s-maj=291.6km s-min=28.8km az=57.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, etc.

KRNET 19 07:40:50.0±0.1,41.04N:74.06E,h17km,mb3.6 NNC 19 07:40:50.4±1.0,41.06N:74.11E,h0km,mb4.3,mpv4.1, Error ellipse: s-maj=7.7km s-min=4.6km az=174.0 SOME 19 07:40:50.2,41.00N:74.12E,h15km KNET 19 07:40:51.8±0.5,41.17N:74.16E,h5km,2km,m3.1, Error ellipse: s-maj=3.5km s-min=2.3km az=38.0 ISU 19 07:40:52,41.40N:73.10E,h5km ISC 19 07:40:47.7±1.0,41.00N:0.02:74.10E,±0.02,h8km,±10km, n85,±159/142,53C-19D, Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like ARLS Aral, SFK Sufi-Kurgan, OHH Osh, etc.

1002

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like AAK 35nm,0.5s, EKS2 Erkin-Say, EKS2 Erkin-Say, etc.

19d 9h

Table of station data for 19d 9h, including columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and various parameters like speed and distance.

2015 AUG

Main table of station data for 2015 AUG, including columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and various parameters like speed and distance.

1004

Table of station data for 1004, including columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and various parameters like speed and distance.

19d 11h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Chichi jima, Haha-jima-NKT2, Boso 3, etc.

IDC 19 10:37:23.2.1, 4.58S:152.84E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.5/37, mbtmp4.0/20, MS3.8/1, s-maj=46.3km s-min=37.7km az=167.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mont Dzumac, Warrunganga Arr, Alice Springs, etc.

NEIC 19 10:40:59.5.0.9, 21.86N:103.44E, h208km, mb4.2/25, Error ellipse: s-maj=23.3km s-min=12.0km az=83.0

IDC 19 10:41:00.3.2.1, 21.86N:143.76E, h208km, mb3.5/18, mb1 3.6/20, mb1mx3.4/52, mbtmp4.0/20, MS3.8/1, Ms1 3.8/1, ms1mx2.5/32, Error ellipse: s-maj=23.5km s-min=10.1km az=81.0

IDC 19 10:41:00.3.2.1, 21.86N:143.76E, h208km, mb3.5/18, mb1 3.6/20, mb1mx3.4/52, mbtmp4.0/20, MS3.8/1, Ms1 3.8/1, ms1mx2.5/32, Error ellipse: s-maj=23.5km s-min=10.1km az=81.0

Main table for 19d 11h section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matsushiro Arr, Warrunganga Arr, etc.

2015 AUG

Table with columns: KBZ, NVAR, NVAR, FIA1, FIA1, FINES, SUMG. Includes stations like Khabaz, Mina Array Bea, etc.

IDC 19 10:43:21.7.2.0, 54.46N:83.61E, h0km, mb1 2.7/2, mb1mx2.7/4.5, mbtmp2.7/2, ML2.3/2, Error ellipse: s-maj=15.8km s-min=9.7km az=158.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZALEVO INFRA, ZALV, ZALV, KURBB, etc.

IDC 19 11:02:08.7.0.6, 43.78N:87.92E, h0km, mb4.1/16, mb1 4.3/22, mb1mx4.1/19, mbtmp4.2/22, ML3.9/6, MS3.0/12, Ms1 3.0/12, ms1mx2.9/43, Error ellipse: s-maj=17.7km s-min=10.4km az=38.0

MOS 19 11:02:09.8.1.0, 43.73N:87.89E, h18km, mb4.6/16, Error ellipse: s-maj=7.3km s-min=5.0km az=22.5

NNC 19 11:02:10.3.2.5, 43.98N:87.89E, h0km, mb4.6, mpv4.5, Error ellipse: s-maj=19.5km s-min=14.9km az=118.0

BUI 19 11:02:11.7.0.0, 43.85N:88.00E, h10km, mb4.6/15, mb4.5/18, ML4.4/11, Ms4.0/9, Ms7.3/8.4

NEIC 19 11:02:12.6.1.1, 43.80N:102.88E, h0km, mb4.4km, n185.0, r187/211, mb4.4/38, MS2.9/8, 26C-20D, Northern Xinjiang

IDC 19 11:02:11.6.0.4, 43.72N:105.87E, h20km, mb4.2km, n185.0, r187/211, mb4.4/38, MS2.9/8, 26C-20D, Northern Xinjiang

Main table for 2015 AUG section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Urumqi, Zaisan, Zaisan, etc.

1006

Main table for 1006 section with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KURBB, KURK, KURK, etc.

1009

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SAO, PMPB, HAST, HSFM, HFEM, HCOM, etc.

1009 11:40:49.6, 1.2, 21.705:66.47W, h192km, 13km, mb3.1/2, mb1 3.3/5, mb1mx3.1/24, mbtmp3.6/5, Error ellipse: s-maj=25.0km s-min=12.8km az=127.0

GUC 19 11:40:52.4, 0.5, 21.595:66.97W, h230km, 7km, ML3.5

ISC 19 11:40:51.3, 1.1, 21.525:0.07:66.80W, 0.10, h208km, 11km, n16, n16, n17:28, 2C, Southern Bolivia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LVC, LVC, LVC, PB01, PB01, etc.

SOME 19 11:50:48.9, 41.23N:78.95E, h10km

KRNET 19 11:50:49.1, 0.1, 41.19N:79.00E, h16km, mb3.2

NNC 19 11:50:50.4, 1.4, 41.22N:78.92E, h0km, mb3.9, mpv3.4, Error ellipse: s-maj=9.8km s-min=0.0km az=162.0

ISC 19 11:50:46.4, 2.3, 41.12N:0.08:78.90E, 0.04, h3km, 13km, n53, n193:79, 25C-6D, Kyrgyzstan-Xinjiang border region

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

2015 AUG

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

19d 12h

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

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like WMQ Urumqi, MTN Manton Dam, MK31 Makanchi Array, etc.

NEIC 19 14:35:25.9, 2.6, 32.1, S, 0.1x179.6E, 0.2, h36km, 9km, mb4.3/17, Error ellipse: s-maj=22.9km s-min=17.5km az=93.0

DC 19 14:35:29.3, 7.5, 32.2, S, 179.63E, h419km, 92km, mb3.0/2, mb1.3, 5/3, mb1mx3.0/19, mbtm4.2/3, Error ellipse: s-maj=102.9km s-min=41.6km az=5.0

ISC 19 14:35:24.4, 0.8, 31.3, S, 0.08x179.5E, 0.1, h350km, n95, c1944/90, mb4.0/11, Kermadec Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MXZ Matakaoa Point, URZ Urewera, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PLWZ Palliser, TUWZ Tuamarina, TUWZ Tuamarina, etc.

DC 19 15:32:32.8, 2.1, 29.7, S, 76.5, 75.40E, h0km, mb3.7/6, mb1.3, 9/6, mb1mx3.6/42, mbtm3.7/6, MS3.5/2, Ms1.3, 5/2, ms1mx3.0/28, Error ellipse: s-maj=32.3km s-min=28.2km az=179.0

ISC 19 15:32:34.4, 1.0, 29.8, S, 0.2x75.4E, 0.2, h10km, n14, c0555/6, mb3.7/6, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like H0S2S Diego Garcia H, H0S1S Diego Garcia H, H0S3S Diego Garcia H, etc.

DC 19 15:34:44.2, 0.7, 29.8, S, 80.5, 75.33E, h0km, mb4.0/12, mb1.4, 2/12, mb1mx4.0/46, mbtm4.0/12, MS4.0/13, Ms1.3, 9/13, ms1mx3.7/33, Error ellipse: s-maj=22.5km s-min=20.6km az=6.0

NEIC 19 15:34:47.0, 0.6, 29.8, S, 0.1x75.3E, 0.1, h10km, 1km, mb4.5/12, Error ellipse: s-maj=22.0km s-min=19.4km az=12.0

GCMT 19 15:34:49.0, 0.3, 29.8, S, 0.02x75.37E, 0.02, h17km, 1km, MW4.9/95, Moment Tensor Solution, s22:c23; s95:c125; Duration: 0 Moment tensor: Scale 1019Nm; Mr: 0.79; 1.5; Mw: 1.47; 1.0; Mw2: 2.26; 1.2; Mw3: 5.2; 3.2; Mw4: 1.84; 0.9; Mw5: 0.28; 2.7; Best double couple: Ms2: 69300x10^16 Np1: x202.00000, y: 875.00000, z: -5.00000. NP2: x: 294.00000, y: 885.00000, z: -165.00000. Principal axes: T: 3.0680, Plg7: 0.0000, Azm312: 0.0000; N: -0.7510, Plg74: 0.0000, Azm312: 0.0000; P: -2.3180, Plg14: 0.0000, Azm195: 0.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular (uncertain) rate function.

ISC 19 15:34:46.2, 0.6, 29.8, S, 0.1x75.3E, 0.1, h10km, n43, c0549/28, mb4.1/15, MS4.0/13, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like H0S2S Diego Garcia H, H0S1S Diego Garcia H, H0S3S Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, WB0 Warramunga Arr, etc.

SOME 19 15:44:44.0, 40.70N, 78.72E, h5km, KRNET 19 15:44:45.0, 0.1, 40.64N, 78.64E, h18km, mb3.4, NNC 19 15:44:45.4, 1.1, 40.70N, 78.70E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=7.3km s-min=5.2km az=167.0

ISC 19 15:44:46.1, 1.8, 40.75N, 0.08x78.76E, 0.04, h10km, n59, c1968/90, 23C-12D, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TARG Taragay, Kyr, PRZ Przhval'sk, PRZ Przhval'sk, etc.

19d 16h

Table with columns: KST, Kaste, 19nm, 0.5s, 3.10 319 eP, Pb, 15 45 42.1 +0.7, Sg, 15 46 24.2 -1.5, 15 45 42.1 +0.7, 15 46 24.2, 3.21 314 i/P, Pn, 15 45 38.7 +1.9, 15 46 18.0 +2.8, 3.21 314 u/Pg, Pb, 15 45 43.6 +0.3, 15 46 27.7, 3.34 333 eP, Pp, 15 45 45.7 +0.2, 15 46 30.4 -3.0, 3.34 333 eP, Pb, 15 45 45.7 +0.2, 15 46 30.4, 3.34 319 eP, Pp, 15 45 46.1 +0.5, 15 46 31.0, 3.37 338 eP, Pb, 15 45 46.9 +0.9, 15 46 32.1 -2.2, 3.37 338 Pg, Pb, 15 45 46.9 +0.9, 15 46 32.1 -2.2, 3.43 305 i/P, Pn, 15 45 41.5 +1.7, 15 46 22.6 +2.0, 3.51 296 i/P, Pn, 15 45 42.3 +1.1, 15 46 24.1 +1.0, 3.52 290 i/P, Pn, 15 45 42.3 +1.3, 15 46 23.7 +0.9, 3.53 349 eP, Pp, 15 45 50.9 -2.9, 15 46 39.0 -0.5, 3.53 349 eP, Pp, 15 45 50.9 -2.9, 15 46 39.0, 3.62 331 eP, Pb, 15 45 51.4 +1.2, 15 46 40.0 -2.4, 3.62 331 Pg, Pb, 15 45 51.4 +1.2, 15 46 40.0, 3.66 12 eP, Pp, 15 45 52.1 +1.0, 15 46 41.3 -2.5, 3.66 12 Pg, Pb, 15 45 52.1 +1.0, 15 46 41.3, 3.71 302 i/P, Pn, 15 45 45.2 +1.6, 15 46 29.1 +1.7, 3.71 302 u/Pg, Pg, 15 45 54.6 -2.6, 15 46 41.5, 3.73 323 eP, Pb, 15 45 53.4 +1.2, 15 46 43.6 -2.4, 3.73 323 Pg, Pb, 15 45 53.4 +1.2, 15 46 43.6, 4.05 292 i/P, Pn, 15 45 49.6 +1.1, 15 46 36.7 +0.5, 4.19 299 i/P, Pn, 15 45 51.8 +1.6, 15 46 40.5 +1.2, 4.56 5 eP, Sn, 15 46 10.0 -3.4, 15 47 12.1 -0.3, 4.56 5 Pg, Pg, 15 46 10.0 -3.4, 15 47 12.1, 4.59 298 Pg, Pb, 15 46 08.8 +1.9, 15 47 10.2, 5.51 323 eP, Pg, 15 46 28.0 -3.7, 15 47 43.4 +0.4, 5.51 323 Pg, Pb, 15 46 24.8 +2.4, 15 47 38.3, 6.56 22 i/Pn, Pn, 15 46 29.4 +6.7, 15 46 49.6 -2.2, 6.58 294 Lg, Lg, 15 48 11.0, 15 48 11.7

IDC 19 15:50:48.6:3.2, 8.63N, 124.48E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/4, mbtm3.3/3, Error ellipse: s-maj=303, 1km s-min=29, 3km az=64.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Rows include: MUSAN, SURIGAO, DIPOLOG CITY, MAASIN, KIDAPAWAN, PAGADIAN, SIBULAN, LAPU-LAPU, CANDONI, NEGRO, ROXAS, WARRAMUNGA ARR, ALICE SPRINGS, MAKANCHI ARRAY.

IDC 19 15:52:20.6:5.8, 1.93N, 90.10E, h0km, mb3.5/4, mb1 3.6/4,

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Rows include: H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, SONM Soginno Array, WRA Warramunga Arr, ASAR Alice Springs, KLR Kuldur, PETK Petropavlovsk.

IDC 19 16:11:08.1:3.6, 36.35N, 71.23E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.3/6, mbtm3.6/4, Error ellipse: s-maj=312.1km s-min=26.9km az=51.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Rows include: FINES FINESSE Array B, ARCES ARCESSE Array B, WRA Warramunga Arr, ASAR Alice Springs.

IDC 19 16:11:32.5:9.3, 18.58S, 175.82W, h0km, mb3.6/3, mb1 3.6/4, mb1mx3.6/3, mbtm3.7/4, ML3.6/1, Error ellipse: s-maj=176.1km s-min=162.8km az=149.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Rows include: DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

TAP 19 16:20:47.0, 22.23N, 121.34E, h8km, ML3.0, C, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Rows include: LAY Lan-yu, TAW Tawu, TAW Tawu, LDUT Ludao, LDUT Ludao, EAST Anshuo, EAST Anshuo, SLIU Shizi, SLIU Shizi, ECL Taimali, ECL Taimali, TSEB Hengchuen, Pin, TSEB Hengchuen, TTT Taitung, TTT Taitung, HEN Hengchun, HEN Hengchun, TWGBT Beinan, TWGBT Beinan, TWG Pinlang, TWG Pinlang, TWG Pinlang, SCZT Fangliu, SCZT Fangliu, LONT Longtian, LONT Longtian, EDH Donghe, EDH Donghe, MASBT Mashibuluo, MASBT Mashibuluo, MASBT Mashibuluo, SSPT Xinbi, SSPT Xinbi, TSMG Majia, TSMG Majia, TSMG Sandimen, TSMG Sandimen, SSD Sandimen, SSD Sandimen, CHKT Chengkung, CHKT Chengkung, CHKT Chengkung, WLCH Liuchang, WLCH Liuchang, SGLT Jiouru, SGLT Jiouru, SGLT Jiouru, FULB Fulli, FULB Fulli, FULB Fulli, SLGT Liugu, SLGT Liugu, ELDTW Lidau, ELDTW Lidau, ELDTW Lidau, SCST Cishan, SCST Cishan.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, Op, h, m, s, ISC. Rows include: SCST, STYH Taoyuan, STYH Taoyuan, SGST Jiashian, SGST Jiashian, YULB Yu-li, YULB Yu-li, CHN1 Nanshi, CHN1 Nanshi, WTP Ta-pu, WTP Ta-pu, CHN3 Shinhua, CHN3 Shinhua, CHN3 Ta-pu, CHN3 Ta-pu, HGSD Ruisui, HGSD Ruisui, EHY Hungye, EHY Hungye, AHS Alishan, AHS Alishan, ALS Alishan, ALS Alishan, EGFG Guangfu, EGFG Guangfu, CHN5 Tsaling, CHN5 Tsaling, ICHU Yijhu, ICHU Yijhu, WHYT Xinyi Township, WHYT Xinyi Township, WHYT Shilin, WHYT Shilin, ESL Shilin, ESL Shilin, SSSL Suanglung, SSSL Suanglung, WDLH Douliu, WDLH Douliu, WJWS Zhushan, WJWS Zhushan, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, WTK Tuku, WTK Tuku, WTK Tuku, OWD Renai, OWD Renai, OWD Renai, TYC Yuch, TYC Yuch, TYC Yuch, WSF Shzu, WSF Shzu, WSF Shzu, WNT Mingjing, WNT Mingjing, WNT Mingjing, HWA Hwalien, HWA Hwalien, HWA Hwalien, CHGB Renai, CHGB Renai, CHGB Renai, WCS Beigang Elemen, WCS Beigang Elemen, WCS Beigang Elemen, WRL Guolierlin Hig, WRL Guolierlin Hig, WRL Guolierlin Hig, WHF Helan Shan, WHF Helan Shan, WHF Helan Shan, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, ETLH Xiulin Townshi, ETLH Xiulin Townshi, ETLH Xiulin Townshi, FUSS Fushou, FUSS Fushou, FUSS Fushou, VCHM Qimei, VCHM Qimei, VCHM Qimei, WHP Taichung City, WHP Taichung City, WHP Taichung City, PHUB Peng-hu, PHUB Peng-hu, PHUB Peng-hu, PNG Penghu, PNG Penghu, PNG Penghu, TWQ1 Liyuan, TWQ1 Liyuan, TWQ1 Liyuan, NNS Nan Shan, NNS Nan Shan, NNS Nan Shan, ENA Nanau, ENA Nanau, ENA Nanau, NDT Datong Townshi, NDT Datong Townshi, NDT Datong Townshi, NSTT Nanjuang, NSTT Nanjuang, NSTT Nanjuang, NDS Dongshan, NDS Dongshan, NDS Dongshan, LIOB Emmei, LIOB Emmei, LIOB Emmei.

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Table with columns: LIOB, YHNB, YHNB, NSK, NSK, PTMZ, PTMZ, KNMB, ZPLA, ZPLA. Includes station names, codes, and coordinates.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, ISC. Includes station names like Longtian, Pinlang, Beinan, Donghe, etc.

Tap 19 16:25:00.4+1.3, 24.29N, 121.11E, h14km, ML0.9, D, Taiwan. Includes station names and coordinates.

Main table for station 1015 with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, ISC. Lists numerous stations including Yonagunijimaku, Santiao, Suao, etc.

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Main table for station 2015 AUG with columns: TWT, TDCB, TDCB, ESL, ESL, LIOB, LIOB, NSTT, NSTT, SBCB, SBCB, HSN, HSN, HSN, JKRS, JKRS, CHGB, CHGB, CHGB, OWD, OWD, EGFH, EGFH, JJU, JJU, WHP, WHP, NMLH, NMLH, NMLH, JISG, JISG, HGSD, HGSD, HGSD, WCS, WCS, WCS, NSY, NSY, NSY, TWQ1, TWQ1, TWQ1, EHY, EHY, EHY, SMLT, SMLT, SMLT, SSSL, SSSL, SSSL, TYC, TYC, TYC, YULB, YULB, YULB, WDJ, WDJ, WDJ, WDJ, WHYT, WHYT, WHYT, WJS, WJS, WJS, WNT, WNT, WNT, FULB, FULB, FULB, ALS, ALS, ALS, CHNS, CHNS, CHNS, ELDTW, ELDTW, ELDTW, EDH, EDH, EDH, WDLH, WDLH, WDLH, WRL, WRL, WRL, WTK, WTK, WTK, LONT, LONT, LONT, STYH, STYH, STYH, TPUB, TPUB, TPUB, LDUT, LDUT, LDUT, WTP, WTP, WTP, TWGT, TWGT, TWGT, TWG, TWG, TWG, WSF, WSF, WSF.

19d 16h

Main table for station 19d 16h with columns: CHNI, CHNI, SGST, SGST, SGST, SLGT, SLGT, SLGT, ICHU, ICHU, ICHU, ECL, ECL, ECL, SCST, SCST, SCST, SSD, SSD, SSD, TSMG, TSMG, TSMG, MASBT, MASBT, MASBT, VVUC, VVUC, VVUC, VVUC, EAST, EAST, EAST, SPST, SPST, SPST, SCZT, SCZT, SCZT, SCZT, PNG, PNG, PNG, PHUB, PHUB, PHUB, SLIU, SLIU, SLIU, XPSS, XPSS, XPSS, LYJJ, LYJJ, LYJJ, PTMZ, PTMZ, PTMZ, PTMZ, HEN, HEN, HEN, VCHM, VCHM, VCHM, MHZO, MHZO, MHZO, AXDP, AXDP, AXDP, ZPLA, ZPLA, ZPLA, KRSR, KRSR, KRSR, SONM, SONM, SONM, MKAR, MKAR, MKAR, WRA, WRA, WRA, ASAR, ASAR, ASAR. Includes station names and coordinates.

19d 17h

Table of satellite data for 19d 17h, listing stations like KURS Kuram, KURS Kapalarasan, ARXS Arharly, etc., with columns for station name, frequency, and other parameters.

2015 AUG

Table of satellite data for 2015 AUG, listing stations like BTLS, MRKS Merke, KK31 Karatay Array, etc., with columns for station name, frequency, and other parameters.

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Table of satellite data for 1016, listing stations like KTBS Karatobe, KUU Kurty, KUU Karatay Array, etc., with columns for station name, frequency, and other parameters.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
GC02	Grant County #	0.06	308	Op	ISC	17 14 39.3	-0.3
GC02				Sg	Pg	17 14 40.3	-0.4
KAN17	Caldwell West	0.23	7	Op	Sg	17 14 42.5	0.0
KAN13	South Haven SW	0.33	52	Op	Sg	17 14 44.7	0.0
KAN13				Sg	Pg	17 14 44.7	0.0
OK032	Salt Plains WL	0.33	266	Op	Pg	17 14 44.4	0.0
CROK	Carrier	0.34	206	Op	Pg	17 14 44.9	+0.8
CROK				Sg	Pg	17 14 45.0	+0.8
KAN10	Anthony SW Sta	0.39	323	Op	Sg	17 14 45.3	-0.2
KAN10				Sg	Pg	17 14 46.2	-0.2
KAN08	Anthony NE Sta	0.43	342	Op	Pg	17 14 46.2	-0.2
KS20	Mayfield South	0.46	25	Op	Pg	17 14 46.7	-0.1
BLOK	Blackwell	0.47	96	Op	Pg	17 14 47.2	+0.2
KAN12	Harper NE Stat	0.51	342	Op	Pg	17 14 47.4	-0.4
T35A	Sooner Creek, N	1.04	84	Op	Pg	17 14 57.4	-0.4
OK029	Liberty Lake	1.05	165	Op	Pg	17 14 57.9	-0.3
U32A	Winter Ranch,	1.06	246	Op	Pg	17 14 57.8	-0.5
QUOK	Quay	1.09	126	Op	Pg	17 14 58.7	-0.2
OK031	S. Brethren Rd	1.16	138	Op	Pg	17 14 59.8	-0.4
BCOK	Bluff Creek, N	1.17	172	Op	Pg	17 14 59.4	-0.9
OK025	Westminster Rd	1.28	163	Op	Pg	17 15 02.2	-0.3
OKCFA	Oklahoma City	1.42	168	Op	Pn	17 15 04.3	-0.1
OKCSW	OKLAHOMA CITY	1.44	168	Op	Pn	17 15 04.7	+0.1
FNO	Franklin	1.59	168	Op	Pn	17 15 06.6	0.0
R32A	Long Quarter,	1.76	336	Op	Pn	17 15 09.5	+0.4
X34A	Smith Ranch, M	2.21	181	Op	Pn	17 15 15.2	0.0
WNWOK	Wichita Mouna	2.22	201	Op	Pn	17 15 15.2	0.0
WNWOK				Iamb_Lg		17 15 15.2	0.0
CBKS	Cedar Bluff,	2.52	323	Op	Pn	17 15 18.6	-0.9
LOGA	Gravette	2.77	97	Op	Pn	17 15 22.8	-0.8
LOOK	Love County	2.85	170	Op	Pn	17 15 23.9	-0.2
X37A	Clayton	2.97	138	Op	Iamb_Lg	17 16 17.1	
HHAR	Hobbs	3.15	99	Op	Pn	17 15 28.2	0.0
HHAR				Iamb_Lg		17 16 26.5	
W39A	Magazine	3.63	115	Op	Pb	17 15 42.9	+0.3
S39A	Bolivar	3.68	75	Op	Pn	17 15 35.4	0.0
AMTX	Amarillo	3.69	240	Op	Iamb_Lg	17 16 41.2	
U40A	Yellville	4.01	95	Op	Pn	17 15 39.6	-0.2
U40A				Iamb_Lg		17 16 48.6	
MIAR	Mout Ida	4.12	122	Op	Iamb_Lg	17 16 49.2	
P38A	Dawn	4.38	49	Op	Iamb_Lg	17 16 56.3	
KSCO	Kaye Shedlock	4.40	301	Op	Iamb_Lg	17 17 08.5	
X40A	Basin Creek Fa	4.66	118	Op	Iamb_Lg	17 17 16.0	
WHAR	Woolly Hollow	4.72	107	Op	Iamb_Lg	17 17 10.3	
T25A	Trinidad	5.30	275	Op	Iamb_Lg	17 17 37.3	
CCM	Cathedral Cave	5.36	75	Op	Iamb_Lg	17 17 34.3	

SNET 19 17:21:35.7.1.1, 122°66'N-88°25'W, h39km, 37km, ML3.8
 UCR 19 17:21:35.8.1.1, 122°66'N-88°26'W, h34km, 4km, ML3.8
 INET 19 17:21:35.1, 122°79'N-87°83'W, h67km, MWV3.6
 ISC 19 17:21:34.6-2.9, 122°66'N-88°22'W, 0.05, h31km, 12km, n50, r0537/67, Off coast of central America

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
<p>19 17:27:30.6-4.8, 4.73S-151°52'E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.3/3, mbtmp3.4/3, Error ellipse: s-maj=138.9km s-min=37.7km az=105.0, New Britain region</p>							
Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
WRA	Warramunga Arr	22.55	226	Op	ISC	17 32 33.0	+0.4
ASAR	Alice Springs	25.36	220	P	P	17 32 59.1	-0.6
MKAR	Makanchi Array	79.44	319	P	P	17 39 39.3	+0.4
<p>19 17:30:11.0-6.8, 11.26S-122°19'E, h105km, 70km, mb2.9/1, mb1 2.7/3, mb1mx2.7/43, mbtmp3.0/3, ML2.4/2, Error ellipse: s-maj=86.3km s-min=31.3km az=75.0, South of Timor</p>							
Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
BATI	Baumata	1.78	54	Op	ISC	17 30 40.9	-0.2
BATI				S	Sn	17 31 04.2	+0.2
WRA	Warramunga Arr	14.52	226	P	Pn	17 33 31.4	-0.3
ASAR	Alice Springs	16.63	139	P	Pn	17 33 58.2	+0.3
MKAR	Makanchi Array	67.91	322	P	P	17 40 58.4	0.0
<p>19 17:37:24.9-11.0, 36°52'N-71°14'E, h225km, 105km, mb3.0/5, mb1 3.0/9, mb1mx2.8/54, mbtmp3.6/9, Error ellipse: s-maj=65.5km s-min=21.7km az=25.0, NNC 19 17:37:27.9-11.0, 37°14'N-70°88'E, h195km, 160km, mb2.6, mpv3.4, Error ellipse: s-maj=108.7km s-min=57.0km az=9.0</p>							
<p>ISC 17:37:23.5-1.2, 36°8'N-01°71'2E, 0.1, h200km, n15, r195/18, mb3.3/5, 4C-2D, Afghanistan-Tajikistan border region</p>							
Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
KK31	Karatzay Array	6.35	356	Op	ISC	17 38 55.2	-0.1
KK31				S	Sn	17 40 04.3	-3.6
AAK	Ara-Archa	6.41	23	S	Sn	17 40 07.8	-1.7
AAK	Ara-Archa	6.41	23	S	Pn	17 38 58.4	+2.3
AAK				↑	Sn	17 40 10.1	+0.6
TKM2	Tokmak 2	7.04	28	↑	Pn	17 39 04.6	+0.2
TKM2				↑	Sn	17 40 20.5	-3.9
MKAR	Makanchi Array	13.01	36	P	P	17 40 25.6	+1.5
AB31	Abkulkul array	14.91	330	P	Pn	17 40 43.2	-1.2
BVAR	Borovoye Array	16.27	358	P	Pn	17 41 01.9	+1.0
AKTO	Aktuybinsk	16.61	339	↑	Pn	17 41 05.0	+1.1
AKTO	Aktuybinsk	16.61	329	↑	Pn	17 41 05.2	+0.3
ZALV	Zalesovo Beam	19.62	25	P	Pn	17 41 38.4	+1.8
AKASG	Malin Array Be	32.87	308	P	P	17 43 38.7	+0.4
FINES	FINES Array B	37.33	326	P	P	17 44 17.1	+0.9
ARCES	ARCES Array B	40.95	337	P	P	17 44 47.2	+1.1
WRA	Warramunga Arr	82.03	122	P	P	17 49 19.4	-2.1
ASAR	Alice Springs	84.31	125	P	P	17 49 31.0	-2.1
<p>19 17:37:40.8-8.0, 6°29'S-149°19'E, h111km, 82km, mb3.3/3, mb1 3.7/5, mb1mx3.3/31, mbtmp4.0/5, ML4.3/2, Error ellipse: s-maj=73.5km s-min=23.3km az=142.0, New Britain region</p>							
Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
HNR	Honiara	11.11	107	Op	Pn	17 40 15.3	-1.1
WRA	Warramunga Arr	19.80	225	P	P	17 42 01.8	-0.8
ASAR	Alice Springs	22.68	219	P	P	17 42 33.5	+0.4
MKAR	Makanchi Array	79.11	320	P	P	17 49 31.8	-1.4
ILAR	Eielsen Array	84.90	23	P	P	17 50 03.9	+0.9
TORD	Tord Ar. Bea	147.27	284	PKPbc	PKPbc	17 57 12.5	+0.1
<p>TRN 19 17:59:05.9, 10°16'N-63°17'W, h10km, MD3.9 FUNV 19 17:59:08.3, 10°18'N-63°02'W, h5km, MW4.0 ISC 19 17:59:11.5-5.5, 11°39'N-63°21'W, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.6/43, mbtmp3.7/4, Error ellipse: s-maj=234.0km s-min=26.4km az=64.0 ISC 19 17:59:07.6-1.5, 10°19'N-0°06'63.10W, 0.04, h14km, 10km, n30, r1928/46, mb3.5/4, Near coast of Venezuela</p>							
Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
CRUV	Carupano	0.50	344	Op	Pg	17 59 16.9	-0.6
COAV	Cumanacoa	0.72	267	Op	Pb	17 59 23.7	-0.4
TRN	Puerto La Cruz	1.51	75	Op	Sg	17 59 56.5	+0.2
TRN	Trinidad (W)	1.73	75	Op	Sn	17 59 47.6	+0.4
TRN	Trinidad (W)	1.73	75	Op	Sn	17 59 38.0	+0.7
PRGV	PARIAGUAN	2.08	227	Op	Sb	17 59 43.3	+1.1
GRFF	Grenada Fort F	2.28	36	Op	Sb	18 00 10.7	-0.3
GRFF	Grenville	2.40	36	Op	Sn	17 59 47.6	+1.2
GRGR	Grenville	2.40	36	Op	Sn	18 00 11.1	+0.4
GRGR	Grenville	2.40	36	Op	Sn	17 59 46.8	+0.3
GRSS	Sauteurs	2.48	35	Op	Pn	17 59 47.6	+0.6
GRSS	Sisters	2.55	35	Op	Pn	17 59 48.6	0.0
TOSP	Speyside	2.75	66	Op	Pn	17 59 51.6	+0.3
TOSP	Spenside	2.75	66	Op	Pn	18 00 25.7	+1.2
GCMP	Grenada, Carri	2.81	36	Op	Pn	17 59 51.8	+0.4
GCMP	Grenada, Carri	2.81	36	Op	Pn	18 00 27.5	+1.6
BIRV	Birongong	3.13	275	Op	Pn	17 59 58.1	+1.5
TACV	Tcata	3.87	270	Op	Sn	18 00 35.8	+1.9
CACV	CAICARA DEL OR	4.28	233	Op	Sn	18 00 07.6	-0.9
CACV	CAICARA DEL OR	4.28	233	Op	Sn	18 00 53.1	-9.2
SLBC	Castries, St.	4.32	28	Op	Sn	18 01 03.5	+0.3
SLBP	Saint Lucia, B	4.43	28	Op	Sn	18 01 13.9	+0.6
SLBI	Saint Lucia, B	4.34	28	Op	Sn	18 01 02.9	-0.9
BENV	Bein	4.44	287	Op	Sn	18 00 16.2	+1.6
BENV	Bein	4.44	287	Op	Sn	18 01 06.5	+0.4
TURV	Turiamo	4.67	274	Op	Pn	18 00 19.5	+1.7
TURV	Turiamo	4.67	274	Op	Pn	18 01 11.6	-0.3
BAUV	El Bau	5.03	256	Op	Pn	18 00 23.4	+0.7
PAYV	Puerto Ayacuch	6.54	224	Op	Pn	18 00 43.0	-0.5
PAYV	Puerto Ayacuch	6.54	224	Op	Pn	18 01 54.7	-3.4
MONV	Montecano	6.97	285	Op	Pn	18 00 49.6	+0.2
MONV	Montecano	6.97	285	Op	Pn	18 02 04.8	-3.8
ELOV	Elorza	7.06	244	Op	Pn	18 00 51.3	+0.6
SIV	San Ignacio	26.09	176	P	P	18 04 57.9	+1.7
TXAR	Lajas Array	42.38	303	P	P	18 07 02.1	+0.2

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
PDAR	Pinedale Array	51.81	317	P	P	18 08 14.7	-0.9
NVAR	Mina Aray Be	56.63	309	P	P	18 08 50.4	-0.4
<p>19 18:02:21.4-62.0, 20.61S-177°10'W, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/36, mbtmp3.6/3, Error ellipse: s-maj=1142.0km s-min=83.0km az=83.0, Fiji Islands region</p>							
Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
STKA	Stephens Creek	38.50	244	Op	ISC	18 09 45.3	-0.3
ASAR	Alice Springs	45.31	257	P	P	18 10 41.1	-0.4
WRA	Warramunga Arr	45.42	282	P	P	18 10 42.6	+0.3
<p>NEIC 19 18:04:34.8, 1.7, 21°55'S-0°03'66"W, 0.1, h200km, 7km, mb4.1/8, Error ellipse: s-maj=14.4km s-min=3.6km az=92.0</p>							
<p>19 18:04:35.0, 1.3, 21°49'S-66°58'W, h210km, 12km, mb3.5/9, mb1 3.8/14, mb1mx3.5/42, mbtmp4.1/14, Error ellipse: s-maj=17.9km s-min=13.7km az=118.0</p>							
<p>VAO 19 18:04:38.4, 0.3, 21°43'S-66°8'W, h240km, 4km, mb4.0</p>							
<p>SCB 19 18:04:38.8, 2.2, 21°52'S-66°8'W, h202km, 12km, ML4.1/6, Error ellipse: s-maj=5.9km s-min=5.6km az=0.0</p>							

BO02	Sierra Bellavi	13.70 194	P	18 07 41.0	-1.4
GO05	Huala	14.19 197	Pn	18 07 46.0	-0.7
CZSB	Cruzeiro do Su	14.84 336	eP	18 07 53.5	-1.2
CPBS	Caçapava Do Su	14.91 129	eP	18 07 55.5	-0.1
CLDB	Colider	14.93 47	eP	18 07 56.0	+0.1
ARAC	Araguainia, MT	15.02 70	eP	18 07 59.2	+1.3
PLTB	Pedras Altas	15.05 134	eP	18 08 03.9	+0.3
TRQA	Torquai	17.01 167	P	18 08 17.8	-1.1
TRQA			Iamb	18 08 23.1	
comp=Z,5.9nm,0.5s					
BB19B	Bebedouro	17.03 92	eP	18 08 21.1	+0.1
TER01	Tubarao-SC	17.46 117	eP	18 08 24.9	-1.0
SNDB	Serra Nova Dou	17.59 60	eP	18 08 24.1	-1.4
IPMB	Ipameri, GO	17.84 82	eP	18 08 29.7	-0.7
LC01	Lucano	17.88 193	P	18 08 28.5	-2.2
LC01			Iamb	18 08 32.1	
comp=Z,8.8nm,0.9s					
RCLB	Rio Claro-S	17.89 96	eP	18 08 29.7	+1.0
SPB	Sao Paulo	18.00 100	eP	18 08 30.7	+0.9
NPGB	Novo Progresso	18.13 39	eP	18 08 30.7	-0.6
PE701	Ianhagem-SP	18.19 102	eP	18 08 33.3	-1.2
VAO	Valinhos	18.41 98	eP	18 08 35.2	+0.8
BDFB	Brasilia	18.72 75	P	18 08 37.3	-0.6
comp=Z,0.7nm,0.3s,baz=270,slow=11,SNR=3.7					
MACA	Manacapura-AM	19.18 19	eP	18 08 42.3	-0.2
PLCA	Paso Flores	19.43 189	eP	18 08 45.6	+0.4
comp=Z,0.2nm,0.3s,baz=162,slow=13,SNR=4.3					
PLCA	Paso Flores	19.43 189	eP	18 08 46.6	-2.5
PARB	Parabuna	19.66 99	eP	18 08 48.0	+0.2
LL04	Puerto Octay	19.92 193	P	18 08 50.3	0.0
PEXB	Peixe	20.00 65	eP	18 08 51.8	+0.4
HAITUBA	Haituba	20.16 26	eP	18 08 52.0	+0.6
BSCB	Bom Sucesso	20.53 93	eP	18 08 58.0	+0.9
PTGA	Pitinga	21.70 19	P	18 09 07.1	-1.9
comp=Z,4.4nm,0.4s,baz=203,slow=16,SNR=6.9					
PTGA	Pitinga	21.70 19	P	18 09 06.8	-2.2
PTGA			Iamb	18 09 19.7	
comp=Z,5.6nm,0.9s					
JANB	Januaria	22.27 77	eP	18 09 14.3	-0.3
SMTB	Santa Maria do	22.36 59	eP	18 09 15.6	+0.3
PRPB	Parauapebas	22.41 50	eP	18 09 14.9	-0.9
DUB01	Friburgo-RJ	22.50 67	eP	18 09 14.9	+0.1
SDBA	SAO DESIDERIO	22.78 70	eP	18 09 18.8	-0.5
MALB	Monte Alegre	23.03 34	eP	18 09 19.9	-1.4
OTAV	Otavalo	24.43 331	eP	18 09 31.8	-2.7
BOAV	Boa Vista	24.53 15	eP	18 09 35.0	0.0
RIB01	Linhares ES	24.83 90	eP	18 09 38.1	+0.5
NAN01	Guarapari, ES	25.02 67	eP	18 09 42.5	+0.1
MCPB	Macapa, AP	25.46 36	eP	18 09 43.2	-0.2
GUA01	Guaratinga, BA	25.96 84	eP	18 09 48.0	+0.2
TMAB	Tom-Au,PA,Br	26.32 46	eP	18 09 50.7	-0.4
GDU01	Guandu, BA	27.04 78	eP	18 09 57.2	-0.3
NBPN	Ponto Novo - B	27.60 72	eP	18 10 02.3	-0.3
ROSB	Rosario	28.10 67	eP	18 10 13.2	+0.6
MDP	Montagnes des	29.86 29	P	18 10 20.7	-1.7
comp=Z,3.6nm,0.5s,baz=201,slow=8.1,SNR=8.8					
NBPS	Pedro II - PI	29.90 59	eP	18 10 22.5	-0.4
NBAN	Anadia - AL	31.59 73	eP	18 10 37.5	-0.2
RCBR	Riachuelo	32.71 67	eP	18 10 57.5	+0.6
TXAR	Lajitas Array	61.78 324	P	18 14 32.3	+1.3
comp=Z,0.3nm,0.7s,baz=150,slow=9.3,SNR=2.8					
ANMO	Albuquerque	67.60 325	P	18 15 10.6	+2.0
comp=Z,1.3nm,0.6s,baz=170,slow=2.9,SNR=3.7					
ANMO	Albuquerque	67.60 325	Iamb	18 15 11.4	
comp=Z,2.3nm,0.9s					
PDAR	Pinedale Array	75.12 329	P	18 15 54.8	+1.4
comp=Z,0.4nm,0.6s,baz=120,slow=8.8,SNR=9.0					
TORD	Torodi Ar. Bea	84.47 44	P	18 15 55.9	0.0
TORD			P	18 16 49.7	+0.8
comp=Z,3.1nm,0.7s,baz=254,slow=5.7,SNR=10					
TORD	Torodi Ar. Bea	75.50 59	P	18 15 55.9	0.0
NVAR	Mina Array Bea	76.43 321	P	18 16 04.7	+2.1
comp=Z,0.8nm,0.7s,baz=155,slow=6.7,SNR=6.6					
MAW	Mawson	83.75 163	P	18 16 39.9	+0.6
comp=Z,2.3nm,0.9s,baz=252,slow=9.6,SNR=2.8					
ESDC	Somseca Array	84.47 44	P	18 16 45.2	+1.7
comp=Z,1.1nm,0.4s,baz=282,slow=2.5,SNR=3.4					
ASAR	Alice Springs	130.79 205	PKP	18 23 21.8	-0.3
comp=Z,0.5nm,0.5s,baz=136,slow=1.9,SNR=14					
WRA	Warramunga Ar	133.91 208	PKP	18 23 26.8	-0.3
comp=Z,0.4nm,0.4s,baz=157,slow=1.7,SNR=10.0					
ZALV	Zalesovo Beam	141.10 27	PKP	18 23 35.4	
comp=Z,0.3nm,0.3s,baz=264,slow=5.7,SNR=1.7					
ZALV			PKP	18 23 39.7	+0.6
comp=Z,1.0nm,0.5s,baz=336,slow=3.3,SNR=5.5					
MKAR	Makanchi Array	144.46 37	PKP	18 23 45.6	+0.2
comp=Z,3.1nm,0.7s,baz=313,slow=3.9,SNR=34					
MKAR	Makanchi Array	144.46 37	PKP	18 23 45.6	+0.2
comp=Z,0.3nm,0.3s,baz=336,slow=3.3,SNR=5.5					
KLR	Kul'dur	148.65 336	PKP	18 23 56.9	+0.7
comp=Z,0.3nm,0.3s,baz=336,slow=3.3,SNR=5.5					
SONM	Songino Array	153.16 10	PKP	18 24 08.3	+1.2
comp=Z,1.1nm,0.5s,baz=318,slow=2.8,SNR=6.2					
SONM	Songino Array	153.16 10	PKP	18 24 01.6	+2.2
SONM			PKP	18 24 08.4	+1.3

OKFG	Magazine Ridge	2.61 270	Pn	18 08 18.8	-0.4
CHNA	Chernabura Isl	2.68 59	Pn	18 08 19.9	-0.3
CHNA	Chernabura Isl	2.68 59	Pn	18 08 20.1	-0.1
baz=239,SNR=9.9					
CHNA			S	18 08 51.0	-0.7
baz=239					
OKTU	Okmok Mt. Tuli	2.69 269	Pn	18 08 20.1	-0.3
OKNC	Okmok New Cone	2.73 271	Pn	18 08 21.1	+0.2
OKCE	Okmok Cone E	2.76 270	Pn	18 08 21.4	+0.1
OKSM	Okmok South	2.76 269	Pn	18 08 22.0	-0.1
OKSP	Okmok Steele	2.82 287	Pn	18 08 22.0	-0.6
NIKH	Nikolski High	3.23 263	Pn	18 08 26.7	-1.1
NIKH	Nikolski High	3.23 263	Pn	18 08 26.7	-1.1
baz=81					
VNFG	Fog Glacier, M	3.62 38	Pn	18 08 35.4	+2.2
VNFG	Veniemiun 1	3.69 43	Pn	18 08 37.1	-1.3
VNHG	Veniemiun 1	3.72 41	Pn	18 08 36.4	+1.8
CHIR	Chirikof Islan	5.16 60	Pn	18 08 54.3	+0.1
CHIR	Chirikof Islan	5.16 60	Pn	18 08 54.2	-0.1
baz=245					
SPIA	Saint Paul Isl	5.30 317	Pn	18 08 58.1	+1.8
SII	Sitkinak Islan	6.19 57	Pn	18 09 07.6	-0.9
ATKA	Atka Island	6.58 263	Pn	18 09 11.3	-2.4
OHAK	Old Harbor	6.94 53	Pn	18 09 17.3	-1.3
OHAK	Old Harbor	6.94 53	Pn	18 09 17.7	-0.9
baz=241					
OHAK			S	18 10 31.7	-4.7
KDAD	Kodiak Island	7.54 51	Pn	18 09 25.7	-1.2
2.7nm,0.3s,baz=194,slow=3.6,SNR=62					
KDAD			S	18 10 46.5	-4.8
1.2nm,0.3s,baz=2.3,slow=23,SNR=8.3					
KDAD	Kodiak Island	7.54 51	Pn	18 09 25.9	-1.0
KDAD	Kodiak Island	7.54 51	Pn	18 09 25.9	-1.0
KDAD	Kodiak Island	7.54 51	Pn	18 09 25.7	-1.2
baz=239					
KDAD			S	18 10 46.5	-4.8
baz=239					
GSTR	Great Sitkin T	7.71 264	Pn	18 09 27.5	-1.8
ADK	Adak	8.14 264	Pn	18 09 35.1	-0.1
ADK	Adak	8.14 264	Pn	18 09 35.1	-0.1
KNWB	Kanaga Island	8.43 264	Pn	18 09 38.2	-1.0
SNWZ	Sparrowhook	8.74 26	Pn	18 09 44.9	+0.9
KIWP	Kiwi Point	9.09 43	Pn	18 09 48.7	+0.6
RSO	Redoubt Island	9.12 36	Pn	18 09 49.4	+0.7
SEW	Seward	10.16 44	Pn	18 09 59.9	-2.9
SEW	Seward	10.16 44	Pn	18 10 01.7	-1.1
baz=205					
SUA	Susitna One	10.52 36	Pn	18 10 08.3	+0.4
SUA	Susitna One	10.52 36	Pn	18 10 06.0	-1.9
baz=226					
SKT	Skwentna	10.63 32	Pn	18 10 08.9	-0.4
RC01	Rabbit Creek A	10.64 39	Pn	18 10 06.5	-2.9
AMKA	Amchik Island	10.89 265	Pn	18 10 28.2	-0.6
PWL	Port Wells	11.05 42	Pn	18 10 14.0	-1.0
GLI	Glacier Island	11.56 44	Pn	18 10 19.7	-2.3
GLI	Glacier Island	11.56 44	Pn	18 10 19.9	-2.1
baz=237					
HIN	Hinchinbrook I	11.56 47	Pn	18 10 21.0	-1.1
FID	Fort Fidalgo	11.75 45	Pn	18 10 22.7	-1.9
EYAK	Cordova Ski Ar	11.96 47	Pn	18 10 27.4	-0.1
SCM	Sheep Creek Mo	12.01 40	Pn	18 10 26.2	-2.0
SCM	Sheep Creek Mo	12.01 40	Pn	18 10 26.2	-2.0
TNA	Tenacity City	12.29 351	Pn	18 10 34.6	+2.7
WAT6	Susitna Watana	12.33 36	Pn	18 10 29.6	-3.0
baz=229					
KLU	Klutina	12.37 43	Pn	18 10 31.8	-1.3
KLU	Klutina	12.37 43	P	18 10 30.5	-2.6
baz=237,SNR=9.5					
HMT	Hamilton	12.53 49	Pn	18 10 34.8	-0.4
M24K	Tolsona, Glenn	12.61 40	Pn	18 10 35.5	-0.9
M24K	Tolsona, Glenn	12.61 40	Pn	18 10 33.5	-2.9
baz=234					
SUCK	Sucking Hills	12.65 51	Pn	18 10 37.1	+0.3
BMRM	Bremner River	12.66 46	Pn	18 10 36.8	-0.2
BMRM	Bremner River	12.66 46	Pn	18 10 35.0	-2.0
baz=242					
N25K	Chitina, Valde	12.97 44	Pn	18 10 39.8	-1.5
N25K	Chitina, Valde	12.97 44	Pn	18 10 38.7	-2.6
WAX	Waxell Ridge	13.22 50	Pn	18 10 44.3	-0.3
GLB	Gilahina Butte	13.22 45	Pn	18 10 44.3	-0.4
MLY	Manley	13.25 24	Pn	18 10 45.4	+0.4
MLY	Manley	13.25 24	Pn	18 10 46.6	+1.5
baz=213,SNR=6.5					
PAX	Paxson	13.39 38	P	18 10 45.2	-1.8
PAX	Paxson	13.39 38	Pn	18 10 45.2	-1.8
I23K	Minto, Yukon-K	13.69 26	Pn	18 10 50.8	-0.2
YAH	Yahntse	13.70 51	Pn	18 10 51.2	-0.1
COB	Cook's Bay	13.74 29	Pn	18 10 50.7	0.0
TABL	Table Mountain	14.01 51	Pn	18 10 55.6	+0.1
MENT	Mentasta	14.03 40	Pn	18 10 54.4	-1.2
RIDG	Independent Ri	14.08 36	Pn	18 10 55.3	-1.1
CTG	Chitna Glacier	14.10 49	Pn	18 10 57.8	+1.1
baz=247					
ILAR	Eielson Array	14.11 30	Pn	18 10 55.2	-1.4
ILAR	Eielson Array	14.11 30	Pn	18 10 54.6	-2.1
0.1nm,0.3s,baz=228,slow=12,SNR=2.8					
LR					
ILAR			LR	18 16 47.6	
comp=Z,4.41nm,20.7s,baz=233,slow=39					
ILAR	Eielson Array	14.11 30	Pn	18 10 53.9	-2.7
ILAR	Eielson Array	14.11 30	Pn	18 10 53.9	-2.7
H23K	Yukon River	14.19 24	Pn	18 10 57.6	-0.2
baz=216,SNR=12					
LOGN	Logan Glacier	14.20 50	Pn	18 10 58.9	+0.7
DOT	Dot Lake	14.30 37	Pn	18 10 57.7	-1.7
SCRK	Sand Creek	14.53 36	Pn	18 11 08.2	-0.6
H24K	Noodor Dome	14.62 26	Pn	18 11 01.9	-1.8
baz=219					
L27K	Beaver Creek	14.82 41	Pn	18 11 06.3	-0.2
BCAR	Beaver Creek A	14.84 41	Pn	18 11 06.8	+0.1
COLD	Coldfoot	15.21 20	Pn	18 11 11.5	0.0
COLD			Iamb	18 11 29.3	
comp=Z,2.4nm,1.4s					
COLD	Coldfoot	15.21 20	P	18 11 10.3	-1.2
baz=212,SNR=7.2					
K27K	Chicken	15.24 38	P	18 11 11.6	-0.4
HYT	Haines Junctio	15.83 52	Pn	18 11 19.5	-0.3
EGAK	Eagle	16.00 36	Pn	18 11 20.2	-1.5
DAW	Dawson	16.27 40	Pn	18 11 26.1	-1.0
TOLK	Toolik Lake Re	16.55 18	Pn	18 11 29.8	+1.1
TOLK	Toolik Lake Re	16.55 18	Pn	18 11 28.8	0.0
baz=210					
BMAR	Burnt Mountain	16.69 26	Pn	18 11 29.7	-0.8
EPYK	Eagle Plains	16.81 35	P	18 11 51.0	-0.6
DLBC	Dease Lake	19.26 62	Pn	18 12 01.6	+0.5
comp=Z,0.1nm,0.3s,baz=236,slow=18,SNR=1.9					
BILL	Bilibino	20.39 327	e	18 12 35.1	
BILL			Pn	18 12 15.0	-0.4
BILL			Pn	18 12 2	

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CMAR, CM13, CM02, etc.

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

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like G01S, TEOL, KOGS, BUCOVINA, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like SSB, Saint Sauveur, RJOB, Jochberg, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like POLO, Lamas de Olo, POLO, ROTZ, etc.

Table with columns: ID, Name, Time, Az, El, Pn, Az, El, Pn, Az, El, Pn. Includes stations like 735A Kennedy, 137A Lemond, Waseca, etc.

Table with columns: ID, Name, Time, Az, El, Pn, Az, El, Pn, Az, El, Pn. Includes stations like R55A Marlinton, BIRD Birtown, N54A Moraine, etc.

Table with columns: ID, Name, Time, Az, El, Pn, Az, El, Pn, Az, El, Pn. Includes stations like KLNI Mataram, KHKI Kahang-Kahang, N54A Moraine, etc.

Table with columns: THZ, Tophouse, 5.05 211, P, Pn, 01 58 26.5 -4.5, etc.

NEIC 20 02:04:55.7±1.2, 58.0S:0°1x26°3W:0.2, h128km, 7km, mb4.2/17, Error ellipse: s-maj=20.5km s-min=16.6km

IDC 20 02:04:57.4±1.1, 57.94S:26.45W, h145km, 47km, mb3.8/B, mb1.3/9.10, mb1mx3.7/25, mbtmp4.3/10, Error ellipse: s-maj=18.5km s-min=17.4km az=30.0

ISC 20 02:04:57.1±0.5, 58.06S:0°07:26.29W:0.10, h145km, n47, o152/45, mb4.1/11, South Sandwich Islands region

Main table for 20 2h section, listing station names, coordinates, and times for various seismic events.

IDC 20 02:11:31.2±2.6, 16°67'S:169°01'E, h0km, mb4.2/2, mb1.4/4.8, mb1mx3.7/33, mbtmp4.1/3, ML3.7/1, Error ellipse: s-maj=63.8km s-min=36.3km az=116.0

NOU 20 02:12:34.1, 21.08S:167.63E, h0km, ML2.6/6, Loyalty Islands

ISC 20 02:11:31.6±2.3, 16.8S:0°2x169.3E:0.3, h10km, n10, o109/10, Vanuatu Islands

Table for 20 2h section, listing station names, coordinates, and times for various seismic events.

Main table for 2015 AUG section, listing station names, coordinates, and times for various seismic events.

SOF 20 02:18:05.7, 41°28'N:23°24'E, h14km, MD2.7

BEO 20 02:18:05.9±0.3, 41°23'N:23°25'E, h8km, 2km, ML2.5/12

ATH 20 02:18:05.7, 41°24'N:23°23'E, h16km, 1km, ML2.9, Error ellipse: s-maj=1.3km s-min=1.1km az=323.0

THE 20 02:18:06.0, 41°23'N:23°24'E, h6km, 2km, ML2.1/9, Error ellipse: s-maj=2.3km s-min=0.5km az=124.0

SKO 20 02:18:06.2, 41°26'N:23°24'E, h1km

ISC 20 02:18:05.8±1.0, 41°25'N:02°23'E:0.02, h9km, 6km, n56, o080/93, 3C-3D, Greece-Bulgaria border region

Table for 2015 AUG section, listing station names, coordinates, and times for various seismic events.

Main table for 1034 section, listing station names, coordinates, and times for various seismic events.

INET 20 02:52:6.11°56N:86°11W, h162km, MW3.5, Near coast of Nicaragua

ROM 20 02:55:57.3±0.1, 42°50'N:0°00'44'W:0.006, h11km±1km, ML1.0/3, Error ellipse: s-maj=0.4km s-min=0.3km az=53.0, Central Ilipe

Table for 1034 section, listing station names, coordinates, and times for various seismic events.

IDC 20 02:56:27.6±0.8, 12°56'S:167°04'E, h214km, 6km, mb4.1/20, mb1.4/2.21, mb1mx4.1/35, mbtmp4.5/21, Error ellipse: s-maj=14.2km s-min=10.3km az=123.0

NEIC 20 02:56:29.0±0.9, 12°56'S:0°09:16'E:0.01, h227km, 6km, mb4.5/44, Error ellipse: s-maj=18.0km s-min=13.6km az=97.0

ISC 20 02:56:28.0±0.6, 12°64'S:0°06:167.02E:0°07, h228km, 5km, h229km, p-P, N248, o1529/266, mb4.5/44, 11C-7D, Fault plane solution: NP1:04.15963, 84.13739, 7.58.03499; NP2:02.60353; 85.3.78690; 1.117.18938

Principal axes: T Plig67.7019; Azm330.9845; N Plig21.6333; Azm165.7212; P Plig5.1474; Azm73.6738; Fault plane solution: NP1:0330.74762; 84.51819; 1.46.19418; NP2:0204.59886; 85.00782; 1.125.17817

Principal axes: T Plig59.2662; Azm167.4569; N Plig29.5958; Azm4.6514; P Plig7.5484; Azm270.3350; Santa Cruz Islands

Table for 1034 section, listing station names, coordinates, and times for various seismic events.

1035

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SNVZ, BHHZ, KWHZ, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BMRM, WAT6, BPAW, etc.

20d 2h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WMQ, W18A, MSO, etc.

ADC 20:02:56:44.5: 1.1, 38:26N:20:34E, h0km, mb3.777, m1 3.7/13, m1m1mx3.6/45, m1m1mp3.6/13, ML3.8/4, MS3.1/2, M1 3.1/2, m1mx2.3/35, Error ellipse: s-maj=20.4km

20d 2h

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1036

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like Kipouria, Lixouri, Damouliana, Argostoli, Livadi, Kardakata, Valsamata, Fiskardo, Zakynthos, etc.

Table with columns: MAKR, AML, AML, and various station identifiers. Includes stations like Agios Georgios, Thalerio, Klokotos Trika, Loutraki, Korca, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like Ljubljana, Trieste, Vriocchia, SOKA, OBKA, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

KMA 20 03:10:32.9±0.7, 36.76°N, 127.51°E, h0km, mb3.8/4, Error ellipse: s-maj=10.5km s-min=1.5km az=228.0, South Korea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KSCEA Cheonan, KSBON Boeun, KSMGY Mungyeong, etc.

SOME 20 03:10:36.8, 42.05°N, 81.68°E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=9.6km s-min=7.7km az=161.0

ISC 20 03:10:39.5±2.9, 42.07°N, 0.09-81.50°E, h4km, mb13km, n38, s1589/56, 5C-5D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KTMS Ketmen, SHLS Shalkode, PDGK Podgomoye, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KAPS Kapalarasan, IZV Izvestkoviy, CHKK Chushkaly, etc.

IDC 20 03:19:26.6±2.0, 2.76°N, 127.63°E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.6/4, mbtmp3.8/4, Error ellipse: s-maj=135.7km s-min=27.1km az=66.0, Northern Molucca Sea

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

NEIC 20 03:32:00.6±0.7, 19.39°N, 0.08-66.14°W, h14km, 0.05, h38km, 56km, Error ellipse: s-maj=12.0km s-min=6.6km az=84.0

RSPR 20 03:32:01.3, 19.39°N, 66.15°W, h14km, 2km, MD3, 4/17, Error ellipse: s-maj=13.6km s-min=6.1km az=56.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like EMPR Esperanza, GPCR Guaynabo City, CBYP Canovanas, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like IGPR InterUniversit, OBIP Obispado Ponce, OBIP Obispado Ponce, etc.

TAP 20 03:32:19.1, 24.14°N, 121.61°E, h2km, ML1.1, C, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ETL Fush Village, NACB Ninganchiao, TWD Chiawan, etc.

TAP 20 03:32:22.1, 24.14°N, 121.61°E, h4km, ML1.2, D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ETL Fush Village, NACB Ninganchiao, TWD Chiawan, etc.

DJA 20 03:55:18.7±0.8, 10.5°S, 6.11°E, h24km, 5km, M4, 3/9, mb4.7/1, MLV4, 2/9

ISC 20 03:55:21.6±1.1, 9.70°S, 119.44°E, h75km, 45km, mb3.5/3, mb1 3.6/7, mb1mx3.4/43, mbtmp3.9/7, ML3.7/4, MS3.1/5, etc.

ISC 20 03:55:18.3±1.2, 9.83°S, 0.07-119.34°E, h45km, 11km, n24, s232/22, m9.3/S, Sumba region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like WBSI Waikabubak, WSI Waingapu, EDFI Ende, etc.

DJA 20 04:25:34.2±0.4, 7°S, 4.7°E, h219km, 10km, M4, 4/7, mb4.3/6, mb4.7/3, MLV4, 4/7, Mw(MB)4.0/3

ISC 20 04:25:34.2±0.3, 7.05°S, 129.27°E, h170km, 21km, mb3.5/4, mb1 3.8/7, mb1mx3.5/32, mbtmp4.2/7, Error ellipse: s-maj=30.1km s-min=21.2km az=100.0

20d 5h

ISC 20 04:25:35.2,0.5,7.11s:0.05:129.27E:0.05,h200km,n40, c258/50,mb4.0/7, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like SAUI Saumlaki, MTN Manton Dam, BATI Baunata, etc.

IDC 20 04:27:44.2,1.9,30.10s:177.08W,h0km,mb3.8/2, mb1.4/1.2, mb1mx3.6/26, mbtmp3.8/2, Error ellipse: s-maj=49.6km s-min=28.5km az=56.0 NEIC 20 04:27:51.2,1.0,30.11s:177.6W,0.2,h38km,6km, mb4.3/9, Error ellipse: s-maj=31.5km s-min=10.1km az=73.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations for Kermadec Islands like RAO Raoul Island, RAO Raoul Island, etc.

NEIC 20 04:43:02.6,0.9,24.11s:0.1:179.9W,0.2,h519km,4km, mb4.3/13, Error ellipse: s-maj=22.0km s-min=18.7km az=118.0 IDC 20 04:43:02.1,2.0,24.00s:179.99E,h505km,18km,mb3.3/6, mb1.3/6.8, mb1mx3.3/27, mbtmp4.1/8, Error ellipse: s-maj=36.1km s-min=17.7km az=152.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations for South of Fiji Islands like GLKZ Green Lake, MSFV Nonsavu, etc.

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Table with columns: URZ, URZ, URZ, etc. Lists various stations and their coordinates and times.

IDC 20 05:14:07.8,0.7,37.10s:10N,104.98W,h0km,mb4.1/7, mb1.4/1.2, mb1mx3.8/45, mbtmp3.9/12, ML4.0/4, MS3.1/12, Ms1.3/1.2, ms1mx2.9/47, Error ellipse: s-maj=20.3km s-min=10.9km az=77.0 ANF 20 05:14:08.4,0.2,37.10s:10N,104.95W,h0km,ML4.3/17, Error ellipse: s-maj=2.1km s-min=1.9km az=155.0 NEIC 20 05:14:09.5,0.7,37.11s:10N,104.93W,h5km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mrr:-7.3; Mth:0.39; Mtt:6.99; Mlt:1.30; Mlt:2.00; Mtr:-5.74; Fault plane solution: M9.5100x10^14 NP1.9x210.41000; t:104.74000; Principal axes: T:0.2449, Plg18.0000; Azm:10.0000; N:0.5018, Plg13.0000; Azm:6.0000; P:-9.7468, Plg67.0000; Azm:241.0000; NEIC 20 05:14:09.6,1.4,37.10s:10N,104.04:04.92W,0.06,h1km,7km, mb_Lg4.0/132, ML4.0/37, Mw3.9/35 Error ellipse: s-maj=6.5km s-min=6.3km az=105.0

ISC 20 05:14:08.7,1.2,37.16s:0.03:104.93W:0.02,h3km,26km, n136,c1921/141,mb4.2/7,MS3.0/5, Colorado

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like T25A Trinidad, SDCO Great Sand Dun, etc.

Table with columns: MSTX, N23A, O20A, etc. Lists various stations and their coordinates and times.

1038

20d 6h

Table of station data for 20d 6h, including station names, codes, and various numerical values.

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Main table of station data for 2015 AUG, including station names, codes, and various numerical values.

1040

Table of station data for 1040, including station names, codes, and various numerical values.

BEO 20 06:15:09.8:0.7,38.68N:20.27E,h30km,5km,ML3.4/14

ISC 20 06:15:02.5:0.7,38.33N:02.2033E,0.03,h15km,4km,
n145,r1557/200,mb3.9/10,7C-9D,Greece

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists various stations like DMLN, KEFA, KEF4, etc.

Table with columns: THL, VLX, AML, PBL, PML, AML. Lists stations like Vlachokerasia, LTKR, LOKRIS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like WBSI, EDFI, MMRI, etc.

ISC 20 06:27:11.5:2.1, 10.04S:120.74E, h0km, mb3.5/2, mb1 3.6/6, mb1mx3.5/26, mbtmp3.5/6, ML3.2/4, MS3.4/1, Ms1 3.4/1, ms1mx2.5/29, Error ellipse: s-maj=69.8km s-min=24.0km az=48.0 DJA 20 06:27:16.2:0.5, 10.0S:6.12E, h10km, M3.6/6

ISC 20 06:27:16.8:1.0, 9.94S:0.008:120.77E:0.05, h35km, n14, r1559/15, Sumba region

MLV3 6/6 ISC 20 06:27:16.8:1.0, 9.94S:0.008:120.77E:0.05, h35km, n14, r1559/15, Sumba region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like WBSI, EDFI, MMRI, etc.

ISC 20 06:42:19.3:1.4, 6.48S:130.58E, h0km, mb4.2/3, mb1 4.2/5, mb1mx3.8/35, mbtmp3.9/5, ML3.8/2, MS2.8/1, Ms1 2.8/1, ms1mx2.4/107, Error ellipse: s-maj=58.7km s-min=28.9km az=65.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists stations like WRA, WRA, WRA, etc.

MOS 20 06:47:50.2:1.0, 4.3:83N:144.98E, h143km, mb4.0/1, Error ellipse: s-maj=21.3km s-min=20.5km az=159.8 SKHL 20 06:47:50.2:0.3, 43.90N:145.00E, h137km, 4km, mb4.8/4, ms3.5/4

JMA 20 06:47:51.4:0.1, 4.3:87N:145.03E, h142km, 1km, M3.3 JMA Felti J1, IDC 20 06:47:53.0:1.5, 4.3:96N:144.88E, h148km, 12km, mb3.4/9, mb1 3.6/9, mb1mx3.4/37, mbtmp3.8/9, Error ellipse: s-maj=28.8km s-min=19.0km az=177.0

ISC 20 06:47:51.5:0.7, 43.83N:0.05:145.00E:0.04, h138km, 5km, n48, r098/67, mb3.6/9, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Lists various stations like JNSB, JNSB, JNSB, etc.

20d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Lemond, Waseca, Oliver, Polo, Lajitas Array, etc.

IDC 20 08:28:55.9.2.2, 2.55N, 127.77E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.5/3, mbt3.5/3, MS3.7/1, Ms1 3.7/1, ms1mx2.6/2.6, Error ellipse: s-maj=154.8km s-min=25.8km az=67.0, Northern Molucca Sea

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

IDC 20 08:31:50.5.2.1, 0.38N, 125.98E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.3/3, mbt3.3/3, Error ellipse: s-maj=174.8km s-min=28.7km az=65.0, Northern Molucca Sea

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

IDC 20 08:55:19.2.39.0, 19.65S, 179.69W, h547km, 163km, mb3.3/3, mb1 3.4/3, mb1mx2.9/2.2, mbt3.4/2.3, Error ellipse: s-maj=847.7km s-min=118.5km az=83.0, Fiji Islands region

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

IDC 20 09:29:58.1.3.3, 67.87N, 25.40E, h0km, Error ellipse: s-maj=54.3km s-min=19.3km az=117.0 HEL 20 09:30:00.3.0.1, 67.95N, 25.82E, h0km, ML1.7, ML1.7(UPP), Explosion KOLA 20 09:30:00.9.68.20N, 25.59E, h0km, ML2.0, Finland, Lapland BER 20 09:30:01.7.0.6, 67.92N, 25.63E, h0km, ML1.2, Suspected explosion UPP 20 09:30:02.6.1.0, 67.90N, 25.38E, h0km, ML1.7, Suspected explosion ISC 20 09:29:58.9.0.8, 67.96N, 0.02, 25.83E, 0.02, h0km, n35, c666/51, Finland

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Table with columns: SGF, Sodankyl, 0.58 152 eP, Pg, 09 30 10.7 +0.6, etc. Includes stations like Sodankyl, Hetta, Hetta, etc.

IDC 20 09:35:51.9.10.0, 53.08S, 132.63W, h0km, mb3.9/2, mb1 4.1/2, mb1mx3.6/2.6, mbt3.9/2, Error ellipse: s-maj=837.6km s-min=178.5km az=151.0, Pacific-Antarctic Ridge

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

UPP 20 10:02:36.0.3.0, 64.49N, 31.25E, h0km, ML1.9, Suspected explosion NAO 20 10:02:40.2.1.3, 64.79N, 30.49E, ML2.4 IDC 20 10:02:41.5.2.2, 64.85N, 30.15E, h0km, mb1 2.9/3, mb1mx2.8/4.6, mbt3.2/3, ML2.2/3, Error ellipse: s-maj=34.5km s-min=7.9km az=98.0 BER 20 10:02:43.1.4.0, 64.93N, 30.29E, h0km, ML2.4(NAO), Suspected explosion

IDC 20 10:02:39.8.1.4, 64.81N, 0.04, 30.64E, 0.07, h0km, n28, c192/43, Finland-Karelia border region

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

IDC 20 10:02:39.8.1.4, 64.81N, 0.04, 30.64E, 0.07, h0km, n28, c192/43, Finland-Karelia border region

1044

Table with columns: SVAU, Svanoeid, 4.76 271 P, Pn, 10 03 52.5 -0.3, etc. Includes stations like Svanoeid, ARCESS Array S, etc.

IDC 20 10:10:22.9.1.6, 17.54N, 145.68E, h157km, 16km, mb4.0/2.5, mb1 4.1/2.7, mb1mx3.9/5.5, mbt3.4/2.7, MS3.1/2, Ms1 3.1/2, ms1mx2.5/3.6, Error ellipse: s-maj=14.0km s-min=9.6km az=89.0 NEIC 20 10:10:23.9.1.6, 17.51N, 0.08, 145.7E, 0.1, h162km, 4km, mb4.6/1.26, Error ellipse: s-maj=14.5km s-min=12.1km az=83.0

ISC 20 10:10:22.3.0.4, 17.54N, 0.05, 145.76E, 0.09, h150km, n286, c0682/232, mb4.5/7, Mariana I.0's

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

IDC 20 10:10:22.3.0.4, 17.54N, 0.05, 145.76E, 0.09, h150km, n286, c0682/232, mb4.5/7, Mariana I.0's

1045

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like BBOO, FORT, AKUT, MORW, CNBA, CHNA, NWAO, etc.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KLU, H24K, POKR, HDA, TOLK, IL31, ILAR, PAX, etc.

20d 10h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like QLMT, BELC, GMRC, SPUS, DUG, H17A, etc.

SOME 20 10:25:09.3, 40'95N-69'73E, h0km
KRNET 20 10:25:11.8-0.1, 41:07N-69:75E, h10km, mb2.9
ISC 20 10:25:11.3-1.2, 40:98N:0:05-69:64E:0:06, h15km, 12km,
n8, r159/16, 12C, Tajikistan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other technical details. Includes stations like TAS, TRKS, BTK, GAR, etc.

NEIC 20 10:37:34.5-1.7, 22:55S:0:07-67:7W:0:1, h167km, 5km,
mb4.4/11, Error ellipse: s-maj=13.7km s-min=9.9km
az=86.0
IDC 20 10:37:34.0-0.8, 22:45S:67:60W, h152km, 8km, mb3.5/6,
mb1 3.7/9, mb1mx3.5/24, mbtmp4.0/9, Error ellipse:
s-maj=17.37km s-min=14.5km az=103.0
GUC 20 10:37:35.0-0.6, 22:52S:67:89W, h178km, 5km, ML4.5
ISC 20 10:37:33.7-0.7, 22:49S:0:05-67:66W:0:06, h159km, 7km,
n55, r148/65, mb4.2/11, 6C-2D, Chile-Bolivia border

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other technical details. Includes stations like AF01, LVC, LVC, LVC, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GOP GENI, PGP Puerto Galera, MTN KHKI, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like QIZ comp=Z,9um,18.0s, QIZZ comp=Z,9um,31.9s, TATO Taipei, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GYA comp=Z,2um,24.2s, GYA comp=Z,1um,15.6s, GYA comp=Z,4um,21.3s, etc.

20d 11h

ANM	baz=250	S	S	11 22 14.9 +1.5	
CNBA	Chernabura Isl comp=Z,284nm,2.0s	80.28 34	I Amb	I Amb	11 12 16.2
CHNA	Chernabura Isl baz=257,SNR=14	80.28 34	P	P	11 12 14.5 +0.1
CHNA	baz=257	S	S	11 22 14.3 -0.2	
VNDA	Vanda comp=Z,16nm,0.4s, baz=319,slow=6.0,SNR=113	80.32 173	P	P	11 12 13.8 -0.3
VNDA	comp=Z,1.0nm,0.8s, baz=261,slow=2.2,SNR=3.9	PKKPbc	PKKPbc	PKKPbc	11 30 56.7 -3.4
VNDA	comp=Z,7.71nm,21.5s, baz=346,slow=35	LR	LR	LR	11 47 24.5
VNDA	Vanda	80.32 173	P	P	11 12 13.8 -0.3
MIB	Mutribah	80.38 300	eP	P	11 12 14.9 -0.5
RST	Umm Al-Ruwaisa	80.65 300	eP	P	11 12 16.0 -0.9
VOI	Voitsoska	80.72 248	P	P	11 12 17.8 0.0
VOI	Voitsoska	80.72 248	P	P	11 12 17.8 +0.2
MAW	Mawson	80.74 200	P	P	11 12 16.9 +0.4
MAW	Mawson	80.74 200	P	P	11 12 16.9 +0.4
MAW	comp=Z,13nm,0.7s, baz=67,slow=6.6,SNR=19	PKKPbc	PKKPbc	PKKPbc	11 30 56.4 -2.4
MAW	comp=Z,2.2nm,0.6s, baz=339,slow=5.4,SNR=5.4	LR	LR	LR	11 44 34.2
MAW	comp=Z,355nm,19.6s, baz=62,slow=33	P	P	P	11 12 16.9 +0.4
MAW	Mawson	80.74 200	P	P	11 12 16.9 +0.4
MAW	comp=Z,7.0nm,1.2s	PKKPbc	PKKPbc	PKKPbc	11 30 56.4 -2.4
SBA	Scott Base	81.23 172	P	P	11 12 19.7 +0.7
SBA	comp=Z,51nm,1.0s	MLR	MLR	MLR	11 22 29.9
SBA	comp=Z,1.1nm,21.0s	MLR	MLR	MLR	11 22 42.7 +3.2
SBA	Scott Base	81.23 172	I AMs_20	I AMs_20	11 12 19.7 +0.7
SBA	Scott Base	81.23 172	I AMs_20	I AMs_20	11 48 06.2
MAK	Makhachkala	81.62 313	eP	P	11 12 19.8 -1.9
MAK	MAK	ePPP	ePPP	ePPP	11 12 34.9 -4.4
MAK	MAK	ePPP	ePPP	ePPP	11 15 25.1
MAK	MAK	eS	eS	eS	11 12 16.3 -0.2
MAK	MAK	pmx	pmx	pmx	11 22 27.6 -1.3
RDG	Red Dog Mine	82.29 21	P	P	11 12 27.6 +2.8
RDG	baz=252	S	S	11 22 37.2 +2.3	
CHIR	Chirikof Islan	82.70 34	P	P	11 12 27.5 +0.3
CHIR	comp=Z,88nm,0.8s	I Amb	I Amb	11 12 29.9	
CHIR	Chirikof Islan	82.70 34	P	P	11 12 27.9 +0.8
CHIR	baz=260	S	S	11 22 42.7 +3.2	
BELG	Belogornoye	82.81 323	P	P	11 12 27.8 0.0
BELG	comp=Z,145nm,0.9s, baz=136,slow=0.7,SNR=36	S	S	11 22 37.4 -3.3	
KIRV	Kirov	82.84 329	P	P	11 12 28.3 +0.5
KIRV	comp=Z,52nm,0.6s, baz=278,slow=1.7,SNR=25	S	S	11 22 36.5 -4.2	
GROC	Groznyy	82.89 313	eP	P	11 12 27.8 -0.6
GROC	comp=Z,11nm,0.4s, baz=3.4,slow=23,SNR=26	ePPP	ePPP	ePPP	11 12 42.5 -3.5
GROC	GROC	eS	eS	eS	11 22 41.0 -0.9
GROC	GROC	pmx	pmx	pmx	11 22 41.0 -0.9
GNI	Garni	83.39 310	P	P	11 12 33.3 +1.9
GNI	comp=Z,15nm,0.8s, baz=189,slow=2.7,SNR=12	LR	LR	LR	11 53 11.7
GNI	Garni	83.39 310	P	P	11 12 33.2 +1.9
GNI	Garni	83.39 310	P	P	11 12 36.3 +5.0
GNI	comp=Z,61nm,1.0s	pmx	pmx	pmx	11 12 36.3 +5.0
N18K	Kilae Creek	83.42 29	P	P	11 12 32.3 +1.5
N18K	baz=259,SNR=29	S	S	11 22 48.5 +1.8	
O18K	Koktuh Hills	83.61 30	P	P	11 12 32.3 +0.5
O18K	baz=260,SNR=20	S	S	11 22 50.4 +1.8	
SII	Sitkinak Islan	83.61 33	I AMs_20	I AMs_20	11 50 21.9
SII	comp=Z,1.1nm,21.0s	P	P	P	11 12 32.7 +0.8
SII	Sitkinak Islan	83.61 33	P	P	11 22 50.6 +1.8
SII	baz=261,SNR=8.1	S	S	11 22 50.6 +1.8	
SVW2	Sparvevohn	83.65 29	I Amb	I Amb	11 12 34.0
ATD	Arta Tunnel	83.74 281	P	P	11 12 35.5 +2.0
TTA	Tatalina	83.79 27	P	P	11 12 33.8 +1.1
TTA	baz=259	S	S	11 22 50.9 +0.4	
N19K	Bonanza Creek	84.13 29	P	P	11 12 35.7 +1.2
N19K	baz=260,SNR=84	S	S	11 22 56.0 +2.1	
L19K	White Mountain	84.18 28	P	P	11 12 35.8 +1.1
L19K	baz=260,SNR=112	S	S	11 22 55.6 +1.3	
OHAK	Old Harbor	84.19 33	P	P	11 12 35.2 +0.4
OHAK	comp=Z,84nm,1.0s	I Amb	I Amb	11 12 37.0	
OHAK	Old Harbor	84.19 33	P	P	11 12 35.4 +0.6
OHAK	baz=262,SNR=12	S	S	11 22 54.9 +0.5	
ZEI	Tsey	84.23 313	eP	P	11 12 34.2 -1.4
ZEI	comp=Z,36nm,1.3s	pmx	pmx	pmx	11 49 06.0
PPT	Papeete	84.31 108	LR	LR	11 22 56.7 -0.6
PPT2	Papeete2	84.31 108	eS	S	11 22 56.7 -0.6
PPT2	comp=Z,2.1um,25.8s	eLQ	eLQ	eLQ	11 35 39.1
PPT2	Papeete2	84.31 108	eLQ	eLQ	11 39 13.1
PPT2	comp=Z,1.1um,23.2s, baz=297	eLR	eLR	eLR	11 39 13.1
M19K	Big River Lodg	84.35 28	P	P	11 12 36.9 +1.4
M19K	baz=260	S	S	11 22 59.0 +3.0	
AKH	Akhakalaki	84.43 311	IP	P	11 12 38.2 +1.6
P19K	Oil Pt	84.57 30	P	P	11 12 36.3 -0.3
P19K	baz=262,SNR=5.6	S	S	11 22 56.1 -2.1	
KDAK	Kodiak Island	84.65 32	P	P	11 12 37.5 +0.4
KDAK	comp=Z,429nm,1.9s	pmx	pmx	pmx	11 23 00.4 +1.5
KDAK	comp=Z,700nm,21.0s	MLR	MLR	MLR	11 23 00.4 +1.5
KDAK	Kodiak Island	84.65 32	P	P	11 12 37.5 +0.4
KDAK	Kodiak Island	84.65 32	P	P	11 12 37.6 +0.6
KDAK	baz=262	S	S	11 23 00.4 +1.5	
TBI	Tubuai	84.68 113	eS	S	11 23 00.0 -0.6
TBI	comp=Z,1.1um,27.0s	eLQ	eLQ	eLQ	11 35 48.2
TBI	Tubuai	84.68 113	eLQ	eLQ	11 39 23.1
TBI	comp=Z,1.1um,33.2s	eLR	eLR	eLR	11 39 23.1
K20K	Telida	84.73 26	P	P	11 12 38.6 +1.2
K20K	baz=261,SNR=45	S	S	11 23 02.3 +2.6	
J20K	Nowinta River	84.83 26	P	P	11 12 39.0 +1.2
J20K	baz=260,SNR=44	S	S	11 23 04.0 +3.3	
O20K	Slope Mountain	84.93 30	P	P	11 12 38.4 -0.2
O20K	baz=260	S	S	11 23 00.3 -1.6	
O20K	baz=262	S	S	11 23 00.3 -1.6	
GOF	Gofitskoye	85.03 315	eP	P	11 12 39.9 +0.6

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GOF	comp=Z,44nm,0.9s	pmx	pmx	11 22 39.7 +0.4	
KBZ	Khabaz	85.04 314	P	P	11 12 39.7 +0.4
KBZ	comp=Z,14nm,0.9s, baz=110,slow=1.8,SNR=25	LR	LR	11 55 08.4	
KBZ	comp=Z,221nm,20.9s, baz=76,slow=39	LR	LR	11 12 39.9 +0.6	
KBZ	Khabaz	85.04 314	eP	P	11 12 39.9 +0.6
KBZ	comp=Z,22nm,1.0s	pmx	pmx	11 22 39.0 -0.7	
PRGR	Fermogore	85.20 332	eP	P	11 22 57.0 -1.5
PRGR	PRGR	eS	eS	eS	11 22 57.0 -1.5
PRGR	PRGR	pmx	pmx	pmx	11 22 57.0 -1.5
KIV	Kislovodsk	85.20 314	IP	P	11 12 40.8 +0.5
KIV	Kislovodsk	85.20 314	IP	P	11 12 41.0 +0.7
KIV	SNR=9.6	P	P	11 12 40.5 +0.2	
KIV	Kislovodsk	85.20 314	P	P	11 12 50.5
KIV	Kislovodsk	85.20 314	P	P	11 23 05.3 0.0
KIV	comp=Z,8.0nm,0.9s	MLR	MLR	MLR	11 23 05.3 0.0
KIV	comp=Z,444nm,24.0s	MLR	MLR	MLR	11 23 05.3 0.0
A21K	Kislovodsk	85.20 314	P	P	11 12 43.7 +3.4
A21K	Barrow	85.26 18	P	P	11 12 41.2 +1.3
A21K	baz=258	S	S	11 23 06.2 +1.6	
SPCR	Chakacha	85.28 29	P	P	11 12 40.0 -0.3
SPCR	comp=Z,209nm,1.9s	S	S	11 23 05.2 -0.1	
SPCR	baz=262,SNR=6.3	S	S	11 23 05.2 -0.1	
HOM	Homar	85.37 30	P	P	11 12 40.5 -0.1
HOM	comp=Z,263,SNR=7.2	S	S	11 23 05.4 -0.6	
HOM	baz=263	S	S	11 23 05.4 -0.6	
PPLA	Purkeypile	85.51 27	I Amb	I Amb	11 12 41.6 +0.1
PPLA	comp=Z,209nm,1.9s	I Amb	I Amb	11 12 41.6 +0.1	
PPLA	Purkeypile	85.51 27	P	P	11 12 41.6 +0.1
PPLA	baz=262	S	S	11 23 08.0 +0.3	
CNPM	China Poot	85.56 30	P	P	11 12 42.0 +0.4
CHUM	Lake Minchumin	85.59 26	P	P	11 12 42.3 +0.6
CHUM	comp=Z,262,SNR=14	S	S	11 23 10.7 +2.7	
SKT	Skwentna	85.70 28	I AMs_20	I AMs_20	11 53 08.8
SKT	comp=Z,967nm,22.0s	P	P	P	11 12 41.3 -1.0
SKT	Skwentna	85.70 28	P	P	11 23 07.1 -2.2
SKT	baz=263,SNR=38	S	S	11 23 07.1 -2.2	
CAPN	Captain Cook N	85.74 29	P	P	11 12 43.1 +0.6
CAPN	baz=263	S	S	11 23 09.6 0.0	
BATM	Batumi	85.79 311	IP	P	11 12 44.1 +0.9
BATM	Batumi	85.79 311	IP	P	11 12 44.1 +0.9
BATM	Bradley Lake S	85.83 30	P	P	11 12 42.7 -0.3
BRSE	baz=264	S	S	11 23 10.0 -0.7	
BCA	Borkka	85.84 311	IP	P	11 12 43.8 +0.2
I21K	Tanana	85.90 25	P	P	11 12 43.6 +0.7
I21K	baz=262,SNR=31	S	S	11 23 13.0 +1.9	
SUA	Susitna One	86.01 29	P	P	11 12 43.0 -0.9
SUA	comp=Z,264,SNR=20	S	S	11 23 10.7 -1.9	
BPAW	Bear Paw Mtn.	86.19 26	P	P	11 12 44.4 -0.3
BPAW	baz=263,SNR=15	S	S	11 23 15.5 +1.4	
VRH	Novokhoporsky	86.33 321	eP	P	11 12 44.9 -0.7
VRH	comp=Z,50nm,0.7s	pmx	pmx	pmx	11 12 45.6 +0.3
CUT	Chulitna	86.33 28	P	P	11 12 44.6 -0.8
CUT	Chulitna	86.33 28	P	P	11 23 13.9 -1.5
CUT	baz=264	S	S	11 23 13.9 -1.5	
MLY	Manley	86.41 25	P	P	11 12 46.0 +0.2
MLY	comp=Z,46nm,1.2s	I Amb	I Amb	11 12 49.9	
MLY	Manley	86.41 25	P	P	11 12 45.7 0.0
MLY	comp=Z,264,SNR=57	S	S	11 23 17.5 +1.3	
O22K	Cooper Landing	86.41 30	I Amb	I Amb	11 13 24.3
O22K	comp=Z,50nm,0.8s	P	P	P	11 12 45.4 -0.3
O22K	Cooper Landing	86.41 30	P	P	11 23 14.9 -1.3
O22K	baz=265,SNR=8.1	S	S	11 23 14.9 -1.3	
TRF	Thorofare Moun	86.43 27	I Amb	I Amb	11 13 43.1
TRF	comp=Z,54nm,1.4s	P	P	P	11 12 45.3 -0.8
TRF	Thorofare Moun	86.43 27	P	P	11 23 15.5 -1.2
TRF	baz=264,SNR=12	S	S	11 23 15.5 -1.2	
RC01	Rabbit Creek A	86.46 29	I Amb	I Amb	11 13 02.9
RC01	comp=Z,170nm,1.5s	P	P	P	11 12 45.5 -0.5
RC01	Rabbit Creek A	86.46 29	P	P	11 23 15.2 -1.5
RC01	baz=265,SNR=8.2	S	S	11 23 15.2 -1.5	
SEW	Seward	86.51 30	I Amb	I Amb	11 12 48.7
SEW	comp=Z,47nm,1.0s	P	P	P	11 12 46.1 -0.1
SEW	Seward	86.51 30	P	P	11 23 17.5 +0.3
SEW	baz=265,SNR=19	S	S	11 23 17.5 +0.3	
PMR	Palmer	86.80 28	I Amb	I Amb	11 13 05.8
PMR	comp=Z,54nm,1.1s	P	P	P	11 12 46.9 -0.7
PMR	Palmer	86.80 28	P	P	11 23 18.2 -1.7
PMR	baz=265,SNR=12	S	S	11 23 18.2 -1.7	
COLD	Coldfoot	86.86 23	P	P	11 12 48.9 +1.0
COLD	comp=Z,50nm,0.8s	I Amb	I Amb	11 12 49.8	
COLD	Coldfoot	86.86 23	P	P	11 12 48.6 +0.8
COLD	baz=264,SNR=56	S	S	11 23 23.7 +3.2	
BWN	Browne	86.87 26	I Amb	I Amb	11 13 16.5
H23K	Yukon River	86.99 24	P	P	11 12 49.0 +0.5
H23K	comp=Z,45nm,1.0s	S	S	11 23 23.1 +1.4	
I23K	Minto, Yukon-K	87.00 25	I Amb	I Amb	11 12 50.0
I23K	comp=Z,54nm,1.0s	P	P	P	11 12 48.7 +0.2
I23K	Minto, Yukon-K	87.00 25	P	P	11 23 22.0 +0.3
I23K	baz=265,SNR=82	S	S	11 23 22.0 +0.3	
MCK	McKinley	87.06 26	I Amb	I Amb	11 12 49.5
MCK	comp=Z,164nm,1.9s	P	P	P	11 12 48.2 -0.7
MCK	McKinley	87.06 26	P	P	11 23 21.8 -0.7
MCK	baz=265,SNR=7.8	S	S	11 23 21.8 -0.7	
NEA2	Nearctic	87.08 25	P	P	11 12 48.2 -0.8
NEA2	comp=Z,271nm,1.1s	S	S	11 23 22.1 -0.4	
NEA2	Nearctic	87.08 25	P	P	11 23 22.1 -0.4
KNK	Knik Glacier	87.10 29	P	P	11 12 49.1 -0.1
KNK	comp=Z,265,SNR=14	S	S	11 23 21.8 -1.2	
KNK	KNK				

20d 11h

Table with columns: Name, Value, Count, Status, Date, Time, etc. Includes entries like Columbia Colle, Blue Mountains, Virginia City, etc.

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Table with columns: ID, Name, Value, Count, Status, Date, Time, etc. Includes entries like Organ Pipe Nat, White River Ci, Casper, etc.

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Table with columns: Name, Value, Count, Status, Date, Time, etc. Includes entries like Vaqueros, Castro Verde, Mesjeana, etc.

SFIN	Lafayette	129.02	33	PKIKP	PKPdf	11 19 11.1	-0.4
WHAR	Woolly Hollow	129.16	41	IAMS_20	IAMS_20	12 14 41.4	
W41B	Gary Mavity, V	129.25	42	PKIKP	PKPdf	11 19 11.5	-0.6
X40A	Basin Creek Fa	129.26	43	PKIKP	PKPdf	11 19 11.6	-0.6
AAM	Ann Arbor	129.39	29	IAMS_20	IAMS_20	12 19 40.3	
AAM	Ann Arbor	129.39	29	PKIKP	PKPdf	11 19 11.5	-0.7
N47A	Urbana	129.41	32	IAMS_20	IAMS_20	12 17 45.2	
SADO	Sadowa	129.42	24	IAMS_20	IAMS_20	12 12 46.9	
PBMO	Poplar Bluff	129.46	39	IAMS_20	IAMS_20	12 17 42.0	
NATX	Nacogdoches	129.46	47	IAMS_20	IAMS_20	12 21 36.0	
NATX	Nacogdoches	129.46	47	PKIKP	PKPdf	11 19 12.3	-0.4
WLAF	White Oak Lake	129.52	44	PKPdf	PKPdf	11 19 12.4	-0.2
WLAF	White Oak Lake	129.52	44	IAMS_20	IAMS_20	12 13 34.4	
OLIL	Olney	129.59	35	IAMS_20	IAMS_20	11 19 12.4	-0.2
SIUC	Southern Illin	129.60	37	PKPdf	PKPdf	11 19 12.7	0.0
LMQ	La Malbaie	129.87	15	IAMS_20	IAMS_20	12 23 36.4	
N41A	Richland Creek	129.98	44	PKIKP	PKPdf	11 19 13.3	-0.3
Z94A	Columbus Grove	130.16	30	IAMS_20	IAMS_20	12 21 54.0	
BLO	Bloomington	130.18	34	IAMS_20	IAMS_20	12 12 08.7	
PEBM	Pemiscott Bayo	130.23	39	IAMS_20	IAMS_20	12 13 55.5	
DELO	Deloro Mine	130.23	23	IAMS_20	IAMS_20	12 17 32.2	
LPAR	Lepanto	130.27	40	IAMS_20	IAMS_20	12 09 50.6	
CCAR	Cane Creek	130.31	43	IAMS_20	IAMS_20	12 09 20.9	
M50A	Fremont	130.37	29	IAMS_20	IAMS_20	12 15 52.3	
T45A	Paduach	130.40	37	IAMS_20	IAMS_20	12 23 51.9	
P48A	Milroy	130.58	33	PKPdf	PKPdf	11 19 12.8	-1.7
D62A	Allapoint, All	130.63	14	IAMS_20	IAMS_20	12 19 27.3	
D62A	Allapoint, All	130.63	14	PKIKP	PKPdf	11 19 13.9	-0.5
J54A	Appleton	130.86	24	IAMS_20	IAMS_20	12 20 41.1	
D63A	Stockholm	130.89	13	PKIKP	PKPdf	11 19 14.1	-0.8
P49A	Miami Univ. Ec	130.90	32	IAMS_20	IAMS_20	12 23 47.7	
P49A	Miami Univ. Ec	130.90	32	PKIKP	PKPdf	11 19 14.4	-0.8
KIC	Kosan Boka	130.92	279	eP	SKPbc	11 22 35.1	+0.5
KIC	Kosan Boka	130.92	279	eP	PKIKP	11 19 17.5	+0.7
E62A	Clayton Lake	130.94	15	IAMS_20	IAMS_20	12 25 01.6	
E62A	Clayton Lake	130.94	15	PKIKP	PKPdf	11 19 14.6	-0.4
PECO	Prince Edward	130.96	22	IAMS_20	IAMS_20	12 22 06.6	
WCI	Wyandotte Cave	130.96	34	PKIKP	PKPdf	11 19 10.0	-5.3
WCI	Wyandotte Cave	130.96	34	MLR	MLR		
WCI	Wyandotte Cave	130.96	34	PKPpre	PKPpre	11 19 10.0	
WCI	Wyandotte Cave	130.96	34	IAMS_20	IAMS_20	12 14 43.6	
WCI	Wyandotte Cave	130.96	34	PKIKP	PKPdf	11 19 14.6	-0.7
DBIC	Dimbokro	131.00	279	PKP	PKIKP	11 19 16.9	0.0
MEDO	Medina	131.03	24	PKIKP	PKPdf	11 19 13.0	-2.3
N51A	Ashland	131.06	29	IAMS_20	IAMS_20	12 16 12.7	
M52A	Chesterland	131.06	28	IAMS_20	IAMS_20	12 20 56.7	
BATG	Bathurst New B	131.10	11	IAMS_20	IAMS_20	12 17 57.8	
TIC	Toumoudi	131.16	279	eP	SKPab	11 22 35.9	0.0
TIC	Toumoudi	131.16	279	eP	PKIKP	11 19 20.9	+3.6
J55A	Hilton	131.20	24	IAMS_20	IAMS_20	12 20 12.0	
LIC	Lamto	131.22	279	eP	SKPab	11 22 36.4	+0.3
LIC	Lamto	131.22	279	eP	PKIKP	11 19 17.0	-0.4
ERPA	Erie	131.23	26	IAMS_20	IAMS_20	12 15 51.9	
ERPA	Erie	131.23	26	PKIKP	PKPdf	11 19 15.1	-0.6
LONY	Lake Ozonia	131.25	20	IAMS_20	IAMS_20	12 28 55.9	
LONY	Lake Ozonia	131.25	20	PKIKP	PKPdf	11 19 15.1	-0.6
ACSO	Alum Creek Sta	131.28	30	IAMS_20	IAMS_20	12 17 27.6	
ACSO	Alum Creek Sta	131.28	30	PKIKP	PKPdf	11 19 15.3	-0.5
T47A	Sharon Grove	131.34	36	IAMS_20	IAMS_20	12 15 05.8	
FRNY	Flat Rock	131.39	19	IAMS_20	IAMS_20	11 19 14.7	-1.2
FRNY	Flat Rock	131.39	19	PKPdf	PKPdf	12 25 15.7	
ACSO	Oxbow	131.40	14	IAMS_20	IAMS_20	12 24 11.7	
E63A	Oxbow	131.40	14	PKIKP	PKPdf	11 19 15.1	-0.8
I57A	Carthage	131.46	21	PKIKP	PKPdf	11 19 15.5	-0.6
M53A	WI Miller and	131.46	27	IAMS_20	IAMS_20	12 22 16.1	
M53A	WI Miller and	131.46	27	PKIKP	PKPdf	11 19 15.5	-0.6
WVT	Waverly	131.48	38	PKIKP	PKPdf	11 19 10.6	-5.7
WVT	Waverly	131.48	38	MLR	MLR		
WVT	Waverly	131.48	38	PKPpre	PKPpre	11 19 10.6	
WVT	Waverly	131.48	38	PKIKP	PKPdf	11 19 15.5	-0.8
F62A	Pittston Farm,	131.50	15	IAMS_20	IAMS_20	12 25 10.4	
F62A	Pittston Farm,	131.50	15	PKIKP	PKPdf	11 19 15.6	-0.5
E64A	Bridgewater	131.54	13	PKIKP	PKPdf	11 19 15.2	-0.9
R49A	Shelbyville	131.55	34	IAMS_20	IAMS_20	12 16 45.0	
J56A	Wolcott	131.57	23	IAMS_20	IAMS_20	12 18 58.8	
MMNY	Mt. Morris Dam	131.61	24	IAMS_20	IAMS_20	12 17 07.9	
PMP5	Porto Santo	131.65	317	ePKPdf	PKIKP	11 19 17.4	-0.3
J57A	Williamstown	131.79	22	IAMS_20	IAMS_20	12 23 23.4	
P51A	Williamsport	131.81	31	IAMS_20	IAMS_20	12 18 56.6	
Y45A	Yeager Farm, C	131.82	41	PKPdf	PKPdf	11 19 16.4	-0.6
M54A	Oil Creek Stat	131.86	26	IAMS_20	IAMS_20	11 19 15.8	-1.1
M54A	Oil Creek Stat	131.86	26	PKIKP	PKPdf	12 22 18.7	
M54A	Oil Creek Stat	131.86	26	PKIKP	PKPdf	11 19 16.4	-0.5
N53A	Libson	131.88	28	IAMS_20	IAMS_20	12 14 30.4	
F63A	Nahmakata, Br	131.90	15	PKIKP	PKPdf	11 19 16.5	-0.4
H60A	Morrisstown	131.92	18	PKIKP	PKPdf	11 19 16.7	-0.3

F64A	Sherman	131.94	14	IAMS_20	IAMS_20	12 23 48.0	
F64A	Sherman	131.94	14	PKIKP	PKPdf	11 19 16.8	-0.1
O52A	West of Eustis	131.94	29	IAMS_20	IAMS_20	12 18 58.0	
G62A	West of Eustis	131.97	16	IAMS_20	IAMS_20	12 18 20.9	
G62A	West of Eustis	131.97	16	PKIKP	PKPdf	11 19 16.6	-0.4
O51A	Peebles	132.00	32	IAMS_20	IAMS_20	12 17 28.7	
R50A	Paris	132.02	33	IAMS_20	IAMS_20	12 17 22.3	
TLIG	Tipapa	132.07	66	IAMS_20	IAMS_20	11 19 18.4	+0.4
TLIG	Tipapa	132.07	66	PKPdf	PKPdf	12 12 17.7	
O53A	New Philadelphia	132.14	29	IAMS_20	IAMS_20	12 23 23.2	
O53A	New Philadelphia	132.14	29	PKIKP	PKPdf	11 19 16.9	-0.6
VBMS	Vicksburg	132.15	44	PKIKP	PKPdf	11 19 16.9	-0.7
N54A	Moraine State	132.15	27	IAMS_20	IAMS_20	12 21 24.4	
N54A	Moraine State	132.15	27	PKIKP	PKPdf	11 19 17.0	-0.5
P52A	Cornhill	132.16	30	PKIKP	PKPdf	11 19 16.8	-0.7
K57A	Scipio Center	132.17	23	IAMS_20	IAMS_20	12 21 58.5	
H61A	Lyndville	132.18	18	PKIKP	PKPdf	11 19 17.4	0.0
I59A	Oldsteadville	132.21	20	PKIKP	PKPdf	11 19 17.1	-0.4
L56A	Greenwood	132.25	24	PKPdf	PKPdf	11 19 16.8	-0.9
L56A	Greenwood	132.25	24	IAMS_20	IAMS_20	12 21 31.8	
PKME	Peaks-Kenny Pk	132.26	15	IAMS_20	IAMS_20	12 21 40.6	
PKME	Peaks-Kenny Pk	132.26	15	PKIKP	PKPdf	11 19 17.3	-0.2
J59A	Piesco	132.28	21	IAMS_20	IAMS_20	11 19 17.4	-0.2
J59A	Piesco	132.28	21	PKPdf	PKPdf	12 14 57.5	
M55A	Ridgway	132.29	26	IAMS_20	IAMS_20	12 20 05.0	
G63A	Kingsbury	132.31	15	PKIKP	PKPdf	11 19 17.5	-0.1
V48A	Smith Brothers	132.35	37	IAMS_20	IAMS_20	12 24 27.5	
I60A	Shoreham	132.37	19	PKIKP	PKPdf	11 19 18.0	+0.2
PMOZ	Porto Moniz, M	132.37	318	ePP	PP	11 22 00.3	+1.9
PMOZ	Porto Moniz, M	132.37	318	eLR	LR	12 06 11.8	
H62A	Milan	132.38	17	IAMS_20	IAMS_20	12 18 13.8	
H62A	Milan	132.38	17	PKIKP	PKPdf	11 19 17.4	-0.4
G64A	Maxfield	132.41	15	PKIKP	PKPdf	11 19 17.9	+0.1
LBNH	Lisbon	132.45	18	IAMS_20	IAMS_20	12 22 09.7	
LBNH	Lisbon	132.45	18	PKIKP	PKPdf	11 19 17.8	-0.1
Q52A	Bidwell	132.60	31	IAMS_20	IAMS_20	12 27 09.6	
H63A	New Sharon	132.62	16	PKIKP	PKPdf	11 19 17.7	-0.5
I61A	Oroboro, Fairl	132.64	18	PKIKP	PKPdf	11 19 18.4	+0.1
P53A	Whipple	132.64	30	IAMS_20	IAMS_20	12 18 29.6	
LMN	Caledonia Moun	132.71	11	IAMS_20	IAMS_20	12 27 11.4	
G65A	Princeton	132.75	14	PKIKP	PKPdf	11 19 17.9	-0.5
G65A	Princeton	132.75	14	IAMS_20	IAMS_20	12 24 54.5	
G65A	Princeton	132.75	14	PKIKP	PKPdf	11 19 18.2	-0.2
WVL	Waterville	132.81	16	PKIKP	PKPdf	11 19 18.4	-0.1
HNH	Hanover	132.82	19	IAMS_20	IAMS_20	12 23 42.9	
BINY	Binghamton	132.82	23	IAMS_20	IAMS_20	12 18 22.9	
BINY	Binghamton	132.82	23	PKIKP	PKPdf	11 19 18.5	-0.2
H64A	Troy	132.85	15	PKIKP	PKPdf	11 19 18.4	-0.3
S51A	Beattyville	132.88	33	IAMS_20	IAMS_20	12 17 35.2	
U46A	Union	132.90	42	IAMS_20	IAMS_20	12 15 55.4	
I62A	Tamworth	132.96	18	IAMS_20	IAMS_20	12 18 55.2	
I62A	Tamworth	132.96	18	PKIKP	PKPdf	11 19 18.7	-0.2
I63A	Otisfield	133.03	17	IAMS_20	IAMS_20	12 24 41.9	
I63A	Otisfield	133.03	17	PKIKP	PKPdf	11 19 18.9	-0.1
J61A	Chester	133.05	19	PKIKP	PKPdf	11 19 19.1	0.0
H65A	Casbrook	133.06	14	PKIKP	PKPdf	11 19 18.7	-0.3
M57A	Sunshine Farm,	133.09	24	IAMS_20	IAMS_20	12 23 07.1	
L59A	Waltow	133.19	22	IAMS_20	IAMS_20	12 24 04.6	
L59A	Waltow	133.19	22	PKIKP	PKPdf	11 19 18.8	-0.5
Z47A	Carrollton	133.20	41	IAMS_20	IAMS_20	12 14 19.4	
TRY	Troy	133.22	20	IAMS_20	IAMS_20	12 22 33.3	
SWF	Franklin Falls	133.23	18	IAMS_20	IAMS_20	12 26 14.3	
SWF	Franklin Falls	133.23	18	PKIKP	PKPdf	12 25 29.0	
EMMW	East Machias	133.24	14	IAMS_20	IAMS_20	12 26 20.4	
MCWV	Mont Chateau	133.25	28	PKIKP	PKPdf	11 19 19.0	-0.6
Q54A	Coxs Mills	133.30	30	IAMS_20	IAMS_20	12 18 52.1	
SSPA	Standing Stone	133.35	26	IAMS_20	IAMS_20	12 16 47.1	
SSPA	Standing Stone	133.35	26	PKIKP	PKPdf	11 19 19.4	-0.4
O56A	Blue Knob Stat	133.35	27	IAMS_20	IAMS_20	12 19 13.2	
O56A	Blue Knob Stat	133.35	27	PKIKP	PKPdf	11 19 19.6	-0.2
J62A	Henniker	133.40	18	PKIKP	PKPdf	11 19 19.7	0.0
I64A	Boothbay	133.41	16	PKIKP	PKPdf	11 19 19.6	-0.1
K61A	Williamstown	133.41	20	PKIKP	PKPdf	11 19 19.5	-0.3
K51A	Keystone Cole	133.46	23	IAMS_20	IAMS_20	12 18 27.7	
J63A	Stratford	133.58	18	PKIKP	PKPdf	11 19 20.2	+0.1
W50A	Signal Mountai	133.62	37				

20d 12h

Table with columns: MGL, Miglionico, 1.36 169, P, S, Pn, Sn, 11 56 40.5 +0.9, 11 56 56.9 +0.3, etc. Includes various station names like MATE, LPEL, PAOL, etc.

2015 AUG

Table with columns: RABC, Rab, 2.96 342, Sn, Sn, 11 57 34.0 -1.9, 11 57 04.0 +1.4, etc. Includes various station names like ATTE, ATTE, ATTE, etc.

1056

Table with columns: ASAR, 0.3nm, 0.8s, baz=302, slow=2.1, SNR=4.9, PcP, PcP, 12 20 47.8 +0.4, etc. Includes various station names like BRTR, OBN, BOSA, etc.

20d 12h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ULN Ulanbaatar, XAN Xian, SONM Songino Array, etc.

2015 AUG

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like SUA Susitna One, TRF Thorofare Moun, CUT Chulitna, etc.

1058

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KK31 Karatay Array, KKAR Karatay Array, WHY Whitehorse, etc.

1059

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FORT Forest, ONI Oni, WVOR Wild Horse Val, etc.

2015 AUG

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TPNV Topopah Spring, DUG Dugway, EDWJ Edwards Air Fo, etc.

20d 12h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GERES GRESS Array B, SDCO Great Sand Dun, GRF Grafenberg Arr, etc.

TAP 20 12:58:30.4, 23:93N, 122:29E, h3km, ML2.8.D
JMA 20 12:58:31.3, 0.1, 23:87N, 122:35E, h27km, M2.4
ISC 20 12:58:30.0, 1.1, 23:92N, 122:38E, 0.02, h15km, gkm, n71, c063/126, Taiwan region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EHP Heping Village, JYNG Yonagunijimaku, NACB Ninganchiao, etc.

20d 13h

Table with columns: BRVK, BRV, comp, station name, time, and various codes. Includes stations like Wrangeli Island, Eagle Plains, Bella Bella, etc.

2015 AUG

Table with columns: CLL, CLLL, comp, station name, time, and various codes. Includes stations like Colim, PBCO, CKRK, etc.

1064

Table with columns: MLSB, AYDN, AYDN, comp, station name, time, and various codes. Includes stations like Tasoluk, Zeytinkoy-Aydi, etc.

20d 16h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like Erkin-Say, Karatay Array, Kyzart, etc.

ISC 20 15:40:05.6:2.0, 0.11S:125.24E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.3/54, mbtmp3.3/3, Error ellipse: s-maj=186.8km s-min=27.9km az=64.0, Southern Molouca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

PRU 20 15:50:13.6:0.0, 51.41N:16.09E, h0km VIE 20 15:50:16.1, 51.48N:16.64E, h0km, ML2.5/1 51 km NNW of Wroclaw, Suspected Mining Induced.

ISC 20 15:50:13.3:1.2, 51.42N:0.05:16.06E:0.03, h0km, n21, c0574/1, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like KSP Ksiaz, CHVC Chvalec, OSTC Ostas, etc.

GUC 20 16:05:34.9:0.6, 20.73S:69.29W, h91km, 2km, ML3.9 IDC 20 16:05:37.0:3.2, 20.79S:69.02W, h108km, 29km, mb3.6/2, mb1 3.5/4, mb1mx3.3/18, mbtmp3.6/4, MS2.0/1, Ms1 2.2/1, ms1mx2.1/17, Error ellipse: s-maj=47.3km s-min=26.9km az=112.0

ISC 20 16:05:34.5:0.8, 20.75S:0.03:69.45W:0.06, h97km, 6km, n25, c1547/43, 4C-7D, Northern Chile

2015 AUG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

IDC 20 16:22:02.4:1.8, 1.13N:126.19E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.6/33, mbtmp3.8/4, Error ellipse: s-maj=169.5km s-min=23.9km az=64.0, NEIC 20 16:22:07.1:0.8, 1.21N:0.2:126.5E:0.1, h29km, 9km, mb4.0/11, Error ellipse: s-maj=37.6km s-min=15.5km az=221.0

ISC 20 16:22:07.9:1.2, 1.21N:0.2:126.5E:0.2, h39km, n18, c077/13, Northern Molouca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like TINTI Ternate, FAKI Fak Fak, KNRA Kununurra, etc.

IDC 20 16:31:51.8:1.9, 0.24N:124.38E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/30, mbtmp3.5/3, MS2.7/1, Ms1 2.7/1, ms1mx2.1/28, Error ellipse: s-maj=179.6km s-min=27.6km az=63.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like WARRAMUNGA ARR, ASAR ALICE SPRINGS, MKAR MAKANCHI ARRAY, etc.

IDC 20 16:33:42.0:2.0, 0.74N:124.99E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/30, mbtmp3.3/3, Error ellipse: s-maj=187.7km s-min=28.1km az=64.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like WARRAMUNGA ARR, ASAR ALICE SPRINGS, MKAR MAKANCHI ARRAY, etc.

IDC 20 16:37:29.7:2.0, 0.86N:127.30E, h0km, mb3.9/4, mb1 4.2/4, mb1mx3.6/30, mbtmp4.0/4, Error ellipse: s-maj=161.7km s-min=26.1km az=65.0, NEIC 20 16:37:40.9:1.4, 0.63N:0.08:127.0E:0.1, h85km, 6km, mb4.1/14, Error ellipse: s-maj=18.7km s-min=7.7km az=123.0

1068

ISC 20 16:37:35.3:0.8, 0.56N:0.10:126.43E:0.10, h35km, n20, c1500/20, mb4.1/9, Northern Molouca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like TINTI Ternate, FAKI Fak Fak, KNRA Kununurra, etc.

IDC 20 16:56:02.8:2.0, 13.33S:166.54E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/35, mbtmp3.7/5, ML3.3/1, Error ellipse: s-maj=52.7km s-min=33.3km az=124.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like DZM Mont Dzumak, STKA Stephens Creek, WRA Warramunga Arr, etc.

JMA 20 16:59:39.9:0.1, 24.72N:122.52E, h16km, 2km, M2.7 TAP 20 16:59:39.4:2.4, 26.76N:122.56E, h33km, 1km, ML3.1, D ISC 20 16:59:39.7:1.3, 24.74N:0.03:122.53E:0.02, h21km, 4km, n65, c0584/128, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like JYNG Yonagunijimaka, YOJ Yonaguni jima, YWJ Yonaguni jima, etc.

ANF 20 18:21:59.3:0.3,44.14N:105.49W,h0km,ML3.6/12,Error ellipse: s-maj=3.6km s-min=3.1km az=39.0
 IDC 20 18:21:59.3:1.5,44.05N:105.41W,h0km,mb3.5/2, mb1 3.7/6,mb1mx3.4/5.1,mbtmp3.4/6,ML3.3/4,MS3.7/1, Ms1 2.7/1,ms1mx2.0/3.3,Error ellipse: s-maj=43.8km s-min=8.1km az=147.0
 NEIC 20 18:22:01.0:1.4,44.05N:105.105:35W:0.03,h0km,2.2km, ML3.4/56,Error ellipse: s-maj=9.1km s-min=3.4km az=173.0
 ISC 20 18:21:59.9:0.7,44.09N:105.36W:0.03,h0km,n80, az=141/86, Wyoming

Code	Station Name	Δ°	AZ°	Phase	ID	Time Res	ISC
						h m s	ISC
RSSD	Black Hills	0.96	88	Op	Pg	18 22 18.8	+0.6
RSSD	Black Hills	0.96	88	P	Pb	18 22 19.1	-0.4
RSSD	baz=271			S	Sb	18 22 33.3	+0.5
K22A	Casper	1.67	211			18 22 30.3	-0.3
K22A	comp=N,483nm,0.3s			IAML		18 22 53.5	
K22A	comp=E,492nm,0.7s			IAML		18 22 55.0	
K22A	Casper	1.67	211	P	Pn	18 22 30.3	-0.3
K22A	baz=26,SNR=174			S	Sn	18 22 52.1	-0.8
LAO	LASA Array	2.67	347			18 22 45.5	+1.3
LAO	LASA Array	2.67	347			18 22 47.6	-1.0
LAO	baz=168,SNR=19			Sb	Sb	18 23 22.7	+0.8
RWWY	Rawlins	2.76	210			18 22 46.0	+0.3
RWWY	comp=E,134nm,0.8s			IAML		18 23 24.0	
RWWY	comp=E,128nm,0.8s			IAML		18 23 30.1	
PHWY	Pilot Hill	2.79	181			18 22 46.6	+0.5
RLMT	Red Lodge	2.97	292			18 22 50.1	+1.6
RLMT	comp=E,78nm,0.8s			IAML		18 23 45.6	
RLMT	Red Lodge	2.97	292	Pb	Pn	18 22 50.5	+1.9
RLMT	baz=109,SNR=21			Sb	Sb	18 23 29.4	-1.4
N23A	Red Feather La	3.23	188	P	Pn	18 22 53.1	+1.0
N23A	baz=5.7,SNR=27			S	Sn	18 23 33.0	+1.7
PD31	Pinedale Array	3.33	248	Pn	Pn	18 22 54.4	+0.8
PDAR	Pinedale Array	3.33	248	Pn	Pn	18 22 54.2	+0.7
PDAR	comp=E,2.6nm,0.3s,ba=72,slow=15,SNR=42			Lg		18 23 41.4	
BW06	Boulder Array	3.33	248			18 22 54.6	+1.1
BW06	comp=E,65nm,0.8s			IAML		18 23 47.0	
BW06	comp=E,83nm,0.6s			IAML		18 23 48.4	
BW06	Boulder Array	3.33	248	Pb	Pb	18 22 58.4	-1.6
BW06	baz=64,SNR=91			Sb	Sb	18 23 40.8	-0.4
YNE	Yellowstone No	3.44	287			18 22 56.1	+1.0
YNE	comp=N,73nm,0.6s			IAML		18 23 56.2	
YNE	comp=E,64nm,0.8s			IAML		18 24 06.3	
YMP	Mirror Lake PI	3.50	282			18 22 57.2	+1.4
YMP	comp=N,102nm,0.8s			IAML		18 23 52.3	
YMP	comp=E,98nm,0.6s			IAML		18 23 55.8	
GCMT	Greycliff	3.50	301			18 22 57.5	+1.8
H17A	Grant Village	3.76	276			18 23 00.9	+1.5
LOHW	Long Hollow	3.82	265			18 23 01.8	+1.6
FLWY	Flagg Ranch	3.84	272			18 23 01.7	+1.2
FLWY	comp=E,64nm,1.4s			IAML		18 24 10.1	
FLWY	comp=E,45nm,1.0s			IAML		18 24 18.4	
YPP	Pitchstone Pia	3.92	274			18 23 03.1	+1.5
SNOW	Snow King Moun	3.95	263			18 23 03.3	+1.2
SNOW	comp=E,44nm,0.8s			IAML		18 24 15.0	
SNOW	comp=E,43nm,0.8s			IAML		18 24 19.0	
YHH	Holmes Hill	3.99	282			18 23 03.7	+1.1
OGNE	Ogallala	3.99	141			18 23 02.5	0.0
OGNE	OGNE			IAML		18 24 18.7	
OGNE	Ogallala	3.99	141	P	Pn	18 23 03.0	+0.5
OGNE	OGNE			Sb	Sg	18 24 05.9	-2.4
IMW	Indian Meadow	4.03	269			18 23 02.7	-0.4
IMW	comp=E,56nm,0.6s			IAML		18 24 12.8	
IMW	comp=E,37nm,0.9s			IAML		18 24 19.6	
REDW	Red Top Meadow	4.05	262			18 23 05.6	+2.3
REDW	comp=E,63nm,0.9s			IAML		18 24 21.8	
REDW	comp=E,53nm,0.8s			IAML		18 24 21.8	
TPAW	Teton Pass	4.09	263			18 23 05.1	+1.1
TPAW	comp=E,40nm,0.8s			IAML		18 24 23.9	
E28A	Huff	4.12	51			18 23 06.6	+2.4
ISCO	Idaho Springs	4.29	183			18 23 07.9	+1.1
ISCO	comp=E,29nm,0.9s			P	Pn	18 24 22.0	
ISCO	Idaho Springs	4.29	183	P	Pn	18 23 07.4	+0.6
ISCO	baz=1.2,SNR=6.7			Sb	Sb	18 24 11.8	+2.9
QLMT	Earthquake Lak	4.41	282			18 23 09.7	+1.5
DGMT	Dagmar	4.45	10			18 23 11.6	+2.9
DGMT	Dagmar	4.45	10	Sb	Sb	18 24 16.0	+2.7
ECR	Eagle Creek	4.49	259			18 23 10.2	+0.8
O20A	White River Ci	4.50	209			18 23 10.4	+0.9
O20A	comp=E,49nm,0.7s			IAML		18 24 26.7	
O20A	comp=N,46nm,0.8s			IAML		18 24 34.2	
O20A	White River Ci	4.50	209	Sb	Sb	18 24 18.3	+3.6
SUSD	Miller	4.62	83			18 23 12.2	+1.3
SUSD	Miller	4.62	83	Sb	Sg	18 24 24.0	-4.1
BOZ	Bozeman (W)	4.70	291			18 23 12.9	+0.6
BOZ	comp=N,21nm,0.8s			IAML		18 24 27.9	
BOZ	Bozeman (W)	4.70	291	Sb	Sb	18 24 20.5	0.0
EGMT	Eagleton	4.98	324			18 23 18.0	+2.0
SMCO	Snowmass	5.06	194			18 23 17.5	+0.1
SMCO	comp=N,31nm,0.9s			IAML		18 24 47.0	
HWUT	Hardware Ranch	5.19	244			18 23 20.0	+1.0
HWUT	comp=N,28nm,0.8s			IAML		18 25 06.1	
HRV	Holter Researc	5.25	302			18 23 20.7	+0.9
LRM	Limekiln Ridge	5.32	291			18 23 21.8	+0.9
TCUT	Toone Canyon	5.36	238			18 23 21.7	+0.3
MCMT	McKenzie Canyo	5.41	280			18 23 21.9	-0.1
KSCCO	Kaye Shediack	5.48	157			18 23 22.6	-0.3
CTU	Camp Tracy	5.82	236			18 23 28.4	+0.7
HVU	Hansel Valley	5.91	250			18 23 28.9	0.0
SPUT	South Promonto	5.92	244			18 23 30.0	+1.0
BGNE	Belgrade	5.95	114			18 23 31.1	+1.8
PFTA	Butcher Ranch,	6.12	223			18 23 31.0	-0.8
MPY	Maple Canyon	6.20	231			18 23 32.6	-0.2
SRU	San Rafael Swe	6.30	220			18 23 34.6	+0.3
ECSD	EROS Data Cent	6.33	90			18 23 35.1	+0.6
SDCO	Great Sand Dun	6.34	181			18 23 35.2	+0.3
SDCO	Great Sand Dun	6.34	181	P	Pn	18 23 36.1	+1.1
NLU	North Lily Min	6.49	233			18 23 35.5	-1.3
TMU	Trail Mountain	6.49	224			18 23 38.1	+1.1
HLID	Hailey	6.57	269			18 23 36.2	-1.7

MSO	Missoula	6.62	297			18 23 39.7	+1.1
F33A	5 Mile Ranch,	6.67	72			18 23 37.7	-1.4
N33A	J Bar K, Exete	6.75	117			18 23 41.1	+0.9
Q16A	Castle Valley	6.76	222			18 23 40.4	-0.2
DUG	Dugway, Tooele	6.77	237			18 23 41.3	+0.7
T25A	Trinidad	6.98	174			18 23 42.9	-0.9
MSU	Marysvale	7.57	225			18 23 50.4	-1.4
MVU	Marysvale	7.60	225			18 23 51.0	-1.1
AGMN	Agassiz Nation	7.82	54			18 23 55.8	+0.9
MTPU	Mount Pierson	7.94	223			18 23 56.2	-0.7
ELK	Elko	8.04	249			18 24 00.7	+2.6
ELK	comp=N,0.2nm,0.3s,ba=52,slow=12,SNR=2.0			Lg		18 26 10.0	
ULM	Lac du Bonnet	8.92	43			18 24 07.5	-2.5
ULM	comp=N,1.7nm,0.3s,ba=229,slow=16,SNR=12			Lg		18 26 36.7	
IN6AS	NEWPORT INFRAS 9.16 301					19 13 50.0	
IVAR	Mina Array Bea	11.25	244			18 24 43.8	+1.6
LPIG	La Paz	20.35	193			18 33 55.0	
ILAR	comp=N,23nm,20.2s,ba=190,slow=35					18 28 19.1	+0.9
ELSON	Eielson Array	30.94	326			18 34 57.0	0.0
MKAR	Makanchi Array	89.25	355			18 34 57.0	0.0
MKAR	comp=N,0.2nm,0.5s,ba=20,slow=5.5,SNR=2.8			P			

TAP 20 18:30:24.3,23.92N,122.62E,h13km,ML3.0,D
 JMA 20 18:30:26.0,0.1,24.09N,122.60E,h42km,ML2.2
 ISC 20 18:30:25.2:1.1,23.94N:122.63E:0.02,h28km,11km,
 n78,c090/145,1C,Azai region

Code	Station Name	Δ°	AZ°	Phase	ID	Time Res	ISC
						h m s	ISC
JYNG	Yonagunijimaku	0.58	30	Op	Pb	18 30 36.6	-0.3
JYNG	Yonaguni jima	0.62	34	S	Sb	18 30 43.1	-1.1
YOJ	Yonaguni jima	0.62	34	P	Pb	18 30 44.8	-1.2
YOJ	Yonaguni jima	0.62	34	P	Pb	18 30 37.1	-0.5
YOJ	baz=32			S	Sn	18 30 46.9	-0.4
EHP	Heping Village	0.89	294	eP	Pb	18 30 41.5	-0.5
HWA	Hwallen	0.94	272	P	Pn	18 30 41.8	-0.7
HWA	baz=273			S	Sn	18 30 55.2	+0.2
ENA	Nanau	0.94	301	P	Pb	18 30 42.9	-0.1
ENA	comp=N,0.1nm,0.3s,ba=60,slow=15,SNR=3.2			i/S		18 30 56.1	+0.9
ETL	Fush Village	0.94	283	P	Pb	18 30 43.0	0.0
ETL	baz=284			eS	Sn	18 30 56.6	+1.3
TWD	Chiawan	0.95	278	P	Pn	18 30 41.6	-1.1
TWD	baz=280			S	Sn	18 30 55.1	-0.3
NACB	Ninganchiao	0.97	184	P	Pb	18 30 43.0	-0.4
NACB	baz=285			S	Sn	18 30 56.7	+0.7
TWC	Suao	0.97	313	i/P	Pb	18 30 43.3	-0.2
TWC	baz=314			i/S	Sn	18 30 56.5	+0.6
TEGC	Jichi Village	1.02	257	eP	Pb	18 30 43.2	-0.5
ETM	Tongmen	1.04	272	eP	Pn	18 30 43.8	-0.2
ETM	baz=272			S	Sb	18 30 58.6	+0.8
IRIF	Iriomote-Funau	1.08	69	P	Pb	18 30 44.9	-0.3
IRIF	IRIF			S	Sb	18 30 59.7	+0.8
NDS	Dongshan	1.08	310	eP	Pb	18 30 45.3	0.0
NDS							

20d 21h

2015 AUG

1074

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, GHO, Station Name, Az, Phase, ID, Time, Res, GHO, Station Name, Az, Phase, ID, Time, Res, GHO. Contains station data for 20d 21h, 2015 AUG, and 1074.

BJI 20 21:14:28.1±0.0, 37:32N±135:33E, h388km, mB4.6/9, mB4.3/13
NEIC 20 21:14:30.8±1.0, 37:34N±0.08±135:3E±0.1, h380km±8km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for JMA, IDC, ISC, and various station codes like JKG, JHG, JSD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for NEIC 2021:24:42.9, 1.2, 19.71N, 0.09:64.58W, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for CUPR, MTP, MTP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for TUL, NEIC 2021:27:08.2, 1.3, 36.73N, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for LCAR, NATX, PBMO, etc.

IDC 2022:13:46.4, 0.9, 55.72S, 0.03:06W, h0km, mb4.0/4, mb1.4/1.4, mb1mx3.8/20, mbtmp4.0/4, MS3.4/6, Ms1.3.4/6, ms1mx3.2/17, Error ellipse: s-maj=41.1km s-min=25.1km az=72.0

NEIC 2022:13:49.9, 1.0, 56.00S, 0.08:30W, 0.2, h10km, n26, mb4.4/1.1, Error ellipse: s-maj=23.0km s-min=9.9km az=66.0

ISC 2022:13:47.8, 0.8, 55.75S, 0.2:30W, 0.2, h10km, n26, o586/18, mb4.3/9, MS3.5/6, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for HOPE, SNA, TRQA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for PLTB, PLCA, GSPA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for MAW, PB01, PB08, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for BOSA, LPAZ, LPAZ, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for LPAZ, MATP, TOR, etc.

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

TAW	S	Sb	23 03 02.7	-1.3	
EAST	0.61 231	i P	Pb	23 02 55.3	-0.8
EAST		S	Sb	23 03 03.8	-0.7
YULB	0.62 355	P	Pb	23 02 55.1	-1.2
TSMG	0.66 264	P	Pb	23 02 56.4	-0.5
TSMG		S	Sb	23 03 04.5	-1.4
STYH	0.67 307	i P	Pn	23 02 57.1	0.0
STYH		S	Sb	23 03 06.0	-0.1
SSD	0.67 268	i P	Pb	23 02 56.5	-0.6
SSD		S	Sb	23 03 05.4	-0.7
MASBT	0.69 257	P	Pb	23 02 56.8	-0.5
MASBT		eS	Sb	23 03 05.3	-1.3
SLGT	0.69 289	P	Sn	23 02 57.5	0.0
SLGT		S	Sb	23 03 07.4	+0.3
HGSD	0.72 5	P	Pn	23 02 57.2	-0.6
EHY	0.73 357	i P	Pn	23 02 56.5	-1.5
EHY		eS	Sn	23 03 08.3	+0.2
LAY	0.75 166	P	Pn	23 02 57.1	-1.2
LAY		S	Sb	23 03 07.3	-1.0
SLIU	0.76 223	P	Pn	23 02 57.3	-1.0
SLIU		eS	Sb	23 03 06.4	-2.1
SGST	0.78 294	P	Pn	23 02 58.6	0.0
SGST		S	Sn	23 03 10.3	+1.0
SCZT	0.79 240	P	Pn	23 02 58.8	+0.1
SCZT		S	Sb	23 03 08.8	-0.7
SGLT	0.80 267	eP	Pb	23 02 58.1	-0.8
SCST	0.81 278	i P	Pb	23 03 00.0	+0.7
SCST		S	Sb	23 03 12.3	+2.4
WTP	0.83 305	i P	Pb	23 03 00.2	+0.4
WTP		eS	Sb	23 03 13.1	+2.3
TPUB	0.85 308	P	Pb	23 03 00.7	+0.6
TPUB		S	Sb	23 03 12.9	+1.6
ALS	0.90 325	P	Pb	23 03 00.9	-0.1
ALS		S	Sb	23 03 12.9	+0.2
EGFH	0.90 4	i P	Pn	23 02 59.7	-0.6
EGFH		S	Sn	23 03 12.0	-0.2
SNST	0.91 300	P	Pb	23 03 01.9	+0.8
SNST		S	Sb	23 03 15.7	+2.8
CHN4	0.91 309	i P	Pb	23 03 01.7	+0.6
CHN4		S	Sb	23 03 15.3	+2.4
TWK	0.94 302	i P	Pb	23 03 02.3	+0.6
TWK		S	Sb	23 03 16.4	+2.6
SNJT	0.94 269	P	Pb	23 03 03.9	+2.2
SNJT		S	Sb	23 03 18.6	+4.7
HEN	0.95 217	P	Pn	23 03 01.0	0.0
HEN		S	Sn	23 03 13.3	-0.2
CHN3	0.96 289	eP	Pb	23 03 04.6	+2.6
CHN3		eS	Sb	23 03 19.3	+4.9
TSEB	0.96 206	eS	Pn	23 03 13.9	+0.1
SNW	0.98 215	P	Sn	23 03 00.9	-0.6
SNW		eS	Sn	23 03 14.0	-0.3
KAU	0.99 258	P	Pb	23 03 04.6	+2.1
KAU		eS	Sb	23 03 21.0	+5.8
WLCH	1.00 245	eP	Pb	23 03 05.8	+3.3
WLCH		eS	Sb	23 03 20.7	+5.4
TWP	1.01 246	eP	Pb	23 03 03.8	+1.0
TWP		eS	Sb	23 03 21.3	+5.5
WHYT	1.03 333	i P	Pb	23 03 03.1	0.0
WHYT		i S	Sb	23 03 17.0	+0.6
CHN5	1.03 323	i P	Pb	23 03 03.8	+0.6
CHN5		i S	Sb	23 03 18.2	+1.8
ESL	1.04 4	P	Pn	23 03 02.1	-0.1
ESL		eS	Sn	23 03 16.1	+0.4
SSLB	1.08 340	P	Pn	23 03 03.0	+0.3
CHN2	1.11 313	eP	Pb	23 03 06.0	+1.5
CHN2		eS	Sb	23 03 21.7	+3.1
CHY	1.12 310	P	Pb	23 03 04.9	+0.2
CHY		S	Sb	23 03 20.1	+1.1
SCLT	1.15 291	eP	Pn	23 03 03.2	-0.4
ICHU	1.16 301	P	Pb	23 03 05.2	0.0
ICHU		S	Sb	23 03 22.1	+2.3
WKG	1.17 321	P	Pb	23 03 05.8	+0.3
WKG		eS	Sb	23 03 23.4	+3.1
SMLT	1.19 339	i P	Pb	23 03 05.5	-0.3
SMLT		S	Sb	23 03 22.0	+1.2
WDLH	1.19 321	P	Pb	23 03 06.1	+0.4
WDLH		eS	Sb	23 03 22.9	+2.2
OWD	1.19 352	i P	Pn	23 03 04.0	-0.4
OWD		S	Sn	23 03 18.9	-0.7
ETM	1.20 6	P	Pn	23 03 02.9	-1.5
ETM		eS	Sb	23 03 19.6	+0.1
WJS	1.20 331	P	Pb	23 03 06.5	+0.6
WJS		S	Sb	23 03 23.0	+2.0

CHN8	Yiju	1.20 299	eP	Pn	23 03 03.8	-0.6
CHN8		S	Sb	23 03 23.5	+2.3	
TYC	Yucheng	1.22 338	i P	Pb	23 03 06.0	-0.2
TYC		i S	Sb	23 03 22.7	+1.1	
WNT	Mingjian	1.27 331	P	Pb	23 03 07.1	+0.1
WNT		S	Sb	23 03 25.0	+2.1	
WTK	Tuku	1.28 316	P	Pb	23 03 06.8	-0.5
WTK		S	Sb	23 03 24.1	+0.8	
WPL	Puli Township	1.29 343	P	Pb	23 03 06.8	-0.7
WPL		S	Sb	23 03 24.6	+0.9	
WNT1	Nantou City	1.29 331	P	Pb	23 03 08.3	+0.8
WNT1		S	Sb	23 03 25.5	+1.7	
CHGB	Renai	1.29 352	P	Pn	23 03 05.6	-0.3
CHGB		S	Sn	23 03 22.2	-0.1	
DPDB	Guoxing	1.32 343	P	Pb	23 03 07.7	-0.3
DPDB		S	Sb	23 03 25.5	+0.9	
TWD	Chiawan	1.32 9	P	Pn	23 03 05.3	-0.8
TWD		S	Sn	23 03 22.3	-0.3	
WCS	Beigang Elemen	1.34 342	i P	Pb	23 03 07.9	-0.5
WCS		S	Sb	23 03 25.3	+0.1	
WHF	Helian Shan	1.37 356	P	Pn	23 03 06.8	-0.4
WHF		eS	Sn	23 03 22.0	-2.5	
WYL	Yuanlin Townsh	1.38 329	P	Pb	23 03 09.1	+0.1
WYL		S	Sb	23 03 28.1	+1.7	
ETL	Fush Village	1.40 10	P	Pn	23 03 06.8	-0.4
ETL		S	Sn	23 03 24.3	-0.4	
WWF	Wufeng	1.40 335	P	Pb	23 03 09.4	0.0
WWF		eS	Sb	23 03 27.1	+0.2	
NACB	Ninganchiao	1.41 9	P	Pn	23 03 05.6	-1.7
NACB		S	Sn	23 03 23.1	-1.8	
ETLH	Xiulin Townshi	1.43 4	P	Pn	23 03 06.6	-1.1
ETLH		eS	Sn	23 03 24.1	-1.5	
WRL	Guolierlin Hig	1.44 321	eP	Pb	23 03 07.8	0.0
WRL		S	Sb	23 03 27.4	-0.6	
FUSS	Fushou	1.47 356	i P	Pn	23 03 08.7	+0.3
FUSS		eS	Sn	23 03 26.0	-0.7	
TWT	Tachien	1.48 354	eP	Pb	23 03 08.1	-0.4
TWT		eS	Sn	23 03 26.2	-0.7	
TDCB	Techi	1.49 353	P	Pn	23 03 08.8	+0.3
TDCB		S	Sn	23 03 26.7	-0.3	
WCHH	Zhanghua	1.50 331	eP	Pb	23 03 08.5	0.0
WCHH		S	Sb	23 03 30.8	+1.2	
WHP	Taichung City	1.55 346	P	Pb	23 03 11.8	-0.1
WHP		S	Sb	23 03 32.1	+1.0	
TWQ1	Liyutan	1.66 341	i P	Pb	23 03 13.2	-0.6
TWQ1		S	Sb	23 03 34.6	+0.3	
NNS	Nan Shan	1.66 0	P	Pn	23 03 11.4	+0.5
NNS		S	Sn	23 03 30.7	-0.6	
ENA	Nanau	1.69 12	i P	Pn	23 03 10.9	-0.2
ENA		S	Pb	23 03 31.5	-0.2	
WDJ	Dajia District	1.70 337	P	Pb	23 03 14.0	-0.4
WDJ		S	Sb	23 03 35.1	-0.4	
NSY	Sanyi	1.73 342	i P	Pb	23 03 14.5	-0.4
NSY		S	Sb	23 03 37.0	+0.8	
PHUB	Peng-hu	1.80 295	P	Pn	23 03 13.2	+0.5
PHUB		S	Sb	23 03 35.4	+0.9	
NDT	Datong Townshi	1.83 4	i P	Pn	23 03 13.2	+0.1
NDT		S	Sn	23 03 34.8	-0.4	
VCHM	Qimei	1.83 284	P	Pn	23 03 13.7	+0.7
VCHM		S	Sb	23 03 36.6	+1.4	
NMLH	Miaoli	1.83 344	P	Pn	23 03 15.8	-0.9
NMLH		S	Sb	23 03 39.6	+0.3	
PNG	Penghu	1.84 296	i P	Pn	23 03 14.0	+0.8
PNG		S	Sn	23 03 36.5	+1.1	
NSTT	Nanjung	1.88 350	i P	Pb	23 03 15.7	-1.8
NSTT		eS	Sb	23 03 40.7	+0.1	
NDS	Dongshan	1.88 10	P	Pn	23 03 13.9	+0.1
NDS		S	Sn	23 03 37.2	+0.7	
TWC	Suao	1.88 14	P	Pn	23 03 14.1	+0.3
TWC		S	Sb	23 03 37.3	+0.8	
TWE	Neicheng	1.96 8	eP	Pn	23 03 16.8	+1.9
TWE		S	Sn	23 03 38.6	+0.1	
TATO	Taipei	2.20 3	P	Pn	23 03 19.3	+1.2
TATO		eS	Sb	23 03 43.9	-0.4	
TIPB	Shuangxi	2.23 11	P	Pn	23 03 19.6	+1.0
TIPB		S	Sn	23 03 45.0	-0.1	
YOJ	Yonaguni jima	2.26 42	eP	Pn	23 03 18.9	-0.2
YOJ		S	Sn	23 03 46.0	0.0	
NWF	Wu-fen Shan	2.32 9	eP	Pn	23 03 19.8	-0.2
NWF		S	Sn	23 03 47.3	-0.2	
WFSB	Wu-fen Shan	2.32 9	P	Pn	23 03 20.1	+0.2
WFSB		eS	Sb	23 03 50.3	-2.9	
YMO1	YMO1	2.37 5	eP	Pn	23 03 20.1	-0.5
YMO1		S	Sn	23 03 49.1	+0.4	
ANP	Anping	2.41 3	eP	Pn	23 03 21.1	0.0

YM08	YM08	2.42 5	eP	Pn	23 03 21.3	+0.1
YM08		eS	Sn	23 03 49.3	-0.4	
VWUC	VWUC	2.82 322	eP	Pn	23 03 26.8	+0.2
VWUC		eS	Sn	23 03 58.8	-0.8	
PTMZ	Houxiangcun	3.05 318	eP	Pn	23 03 29.9	0.0
PTMZ		eS	Sb	23 04 04.3	-1.0	
KNM	Knimen	3.14 302	eP	Pn	23 03 33.3	+2.2
KNM		eS	Sn	23 04 09.4	+1.8	
KNMB	Chin-men Tao	3.20 302	eP	Pn	23 03 32.5	+0.6
ZPLA	Ao Xicun	3.51 290	eP	Pn	23 03 36.8	+0.6
MATB	Ma-tsu	3.60 339	eP	Pn	23 03 37.4	-0.1
MSUT	Lienchiang	3.63 339	eP	Pn	23 03 38.3	+0.5
AXDP	Jialang	3.76 305	P	Pn	23 03 41.0	+1.4
AXDP		eS	Sn	23 04 21.5	-1.3	
MHZO	Yeshan	3.94 328	eP	Pn	23 03 42.0	0.0
MHZO		eS	Sn	23 04 26.1	-1.0	
LYJJ	Jianjiangzhen	4.03 339	eP	Pn	23 03 42.8	-0.6
XPSS	Dashiqu	4.28 346	eP	Pn	23 03 47.1	+0.5
XPSS		eS	Sn	23 04 33.7	-1.8	

KRNET 20 23:09:35.2,0.1,42.00N,79.87E,h21km,mb3.6
 SOME 20 23:09:35.3,41.97N,79.80E,h15km
 NNC 20 23:09:36.8,1.0,42.05N,79.79E,h0km,mb3.7,mpv3.6
 E1 on ellipse: s-maj=6.7km s-min=4.2km az=141.0
 ISC 20 23:09:37.6,1.5,42.07N,0.05,79.82E,0.05,h10km,n60,
 c151/103,19C-15D, Lake Issyk-Kul region

Code	Station Name	Δ° AZ'	Phase ID	Time	Res	
				h m s	ISC	
SHLS	Shalkode	1.12 346	eP	Pb	23 09 57.8	-1.4
SHLS					23 10 14.4	-0.8
SHLS	Shalkode	1.12 346	eP	Pb	23 09 57.8	-1.4
SHLS					23 10 14.3	-0.8
SHLS	Shalkode	1.12 346	P	Pb	23 09 57.8	-1.4
SHLS					23 10 14.3	-0.8
PRZ	Przheval'sk	1.14 292	i P	Pb	23 09 58.3	-1.2
PRZ					23 10 15.0	-0.5
UZB	Uzymbulak	1.23 332	eP	Pn	23 10 00.0	-1.1
UZB					23 10 18.1	+0.2
UZB	Uzymbulak	1.23 332	eP	Pn	23 10 00.0	-1.1
UZB					23 10 18.1	+0.2
PDGK	Podgornoye	1.29 349	P	Pn	23 10 00.7	-1.1
PDGK					23 10 19.3	+0.2
PDGK	Podgornoye	1.29 349	i P	Pn	23 10 00.5	-1.3
PDGK					23 10 19.3	+0.2
KTMS	Ketmen	1.43 16	eP	Pn	23 10 0	

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like AAA Alma-Ata, AAA Arhary, ARXS Arhary, ULHL Ulahol, CHKK Chushkaly, KTBS Karatobe, BOOM Boomsokoye usch, KST Kasteik, KUU Kurty, DGS Degeres, KAPS Kapalarasan, TKM2 Tokmak, KZA Kyzart, KRBS Karabastau, CHMS Chumyish, UCH Uchtor, ARLS Aral, MRKS Merke, MAKZ Makanchi, KURBB Kurchatov Arra.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like NLWA Port Angeles, BLN Blyn Mountain, WISH Wisshah, D04E Lakebay, B017 Montesano, STW Striped Peak, CPW Capitol Peak, OBC Olympics-Boni, P403 Sandy Floe Qua, V02 Gonzales, G03D Gonzales, OTR Olympics-Tyee, GHW Garrison Hill, B019 Raymond, B941 Kapowsin, D05A Enumclaw, D05A Enumclaw, E03A Lebam, RATT Rattlesnake La, PA12 Sannich, B009 North Saanich, B011 North Saanich, B010 North Saanich, G010 Sidney, PGC Sidney, PA02 PA02 Ocean, B05A Bryant, B05A Bryant, GSM Grass Mountain, JCW Jim Creek, RVC Mount Rainier, OCP Olym-Cheeka Pk, E04D Cinebar, E04D Cinebar, E04D Cinebar, MCW Mount Constitu, MCW Mount Constitu, CNB Saturna Island, SNB Saturna Island, SNB Saturna Island, RADER Rader Ridge, A04D Lummi Island, A04D Lummi Island, OBSR Observation Ro, PFB Port Renfrew, PFB Port Renfrew, REMR Mount Rainier, FMW Mount Fremont, FMW Mount Fremont, LON Longmire, LON Longmire, LON Longmire, LON Longmire, LON Longmire, LON Longmire, B926 Mesachie Lake, B926 Mesachie Lake, PAWH Paradise Cap, GOBB Galiano Island, SR41 SR41 Landslid, ERK Elk Rock, TDL Tradedollar La, B201 Coldwater, Mou, B023 Clatskanie, RVV Rose Valley, NLO Nicolai Mounta, RPW Rockport, RPW Rockport, JRO Aston Ridge Ob, F04D Rainier, OR, F04D Rainier, OR, MBW Mount Baker, MBW Mount Baker, FL2 Flat Top 2, B06A Marblemount, B06A Marblemount, B06A Marblemount, B202 Windy Ridge, M, Quarry, Mount, SHW Mount Saint He, SEPW September Lobe, HSR South Ridge, LVP Lakeview Peak, A05A Maple Falls, A05A Maple Falls, A05A Maple Falls, A05A comp=E,36nm,0.5s, B022 Seaside, MGB Mount Grey, MGB Mount Grey, SHUK Shuksan-Mt. Ba, NLLB Nanaimo Lost L, NLLB Nanaimo Lost L, CDFW Cedar Flats, MTMW Mount Mitchell, B928 Bamfield, B928 Bamfield, B928 Bamfield, B928 Bamfield, B928 Bamfield, B928 Bamfield, F04A Amboy, F04A Amboy, F04A Amboy, F04A comp=E,27nm,0.6s

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like HNBB Haney, BIB Bowen Island, LTY Liberty, LTY Liberty, B927 Port Alberni, B927 Port Alberni, KMOR Kings Mountain, B012 Ucluelet, OZB Mount Ozzard, OZB Mount Ozzard, OZB Sechelt, SHB Sechelt, SHB Sechelt, WPB Watts Point, WPB Watts Point, TXB Texada, G03D McMinville, O, G03D McMinville, O, G03D McMinville, O, B08A Colville Reser, GDR Gold River, HAWA Hanford, HAWA Hanford, H04A Detroit Lake, H04D Lebanon, LLLB Lillooet, LLLB Lillooet, NCRB Newcastle Ridg, W05B Woss, I02D Swthome, I04A Tendick Farm, I03D Drain, PHC Port Hardy, J01E Myrtle Point, K02D Willamette Mer, TASE Tanaga Southea, GALAA Gareloi Lava P, GAEA Gareloi East P, KIMD Kanaga Island, KIWB Kanaga Island, KICW Kanaga Island, KICW Kanaga Island, ADK Adak, ADK Adak, CERAA Semis' Rag'd T, GSDT Great Sitkin T, CESW Semis' Southwe, AMKA Amchitka, AMKA Amchitka, GMYK Great Sitkin M, GSTR Great Sitkin T, CEPAR Semis' Anril P, LSPA Little Sitkin, LSSA Little Sitkin, LSNW Little Sitkin, ATKA Atka Island, ATKA Atka Island, KOKL Mount Kiluchef, KOPF Korovin Flat P, SMY Shemya, NIKH Nikolski High, MAPS Pakushin South, KISW Makushin Switc, UNV Unalaska Valle, AKUT Akutan, CNBA Chernabura Isl, CHIR Chirikof Islan, PEAOB Petropavlovsk-, PETAB Petropavlovsk-, SII Sitkinak Islan, KDAA Kodiak Island, CNPM China Pool, SKT Skwentna, PPLA Purkeypile, KTH Kantishna Hill, PWL Port Wells, GHO Glory Hole Cre, TRF Thorofore Moun, BPAW Bear Paw Mtn., BPAW Bear Paw Mtn., IMAR Indian Mountai, SML Sawmill, GLI Glacier Island, Q23K Middleton Isla, MLD Middleton Isla, RND Reindeer, RND Reindeer, MLY Manley, HIN Hinchincha Hill, SCM Sheep Creek Mo, SCM Sheep Creek Mo, FID Port Fidalgo, FID Port Fidalgo, NEA2 Nenana, NEA2 Nenana, I23K Minto, Yukon-K, KLU Klutina, KLU Klutina, M24K Tolsona, Glenn, M24K Tolsona, Glenn, WRH Wood River Hill, WRH Wood River Hill

PGC 20 23:13:01.1, 47.57N, 123.28W, h48km, ML2.1/24, ML2.5, 71km west of Seattle, Wa Washington
PNSN 20 23:13:01.1, 47.57N, 123.28W, h48km, MD2.7, Fault plane solution: NP 305.00000, 890.00000, 1, 10.00000
SEA 20 23:13:01.1, 47.57N, 0.02, 123.28W, 0.03, h49km, 4km, ML2.5/35, ML2.3/28(NEIC), Error ellipse: s-maj=3.2km s-min=2.9km az=119.0
NEIC 20 23:13:01.1, 0.8, 47.58N, 0.02, 123.31W, 0.03, h46km, 4km, Error ellipse: s-maj=3.4km s-min=2.7km az=116.0
ANF 20 23:13:01.5, 0.3, 47.58N, 123.22W, h50km, H46km, 5.6, Error ellipse: s-maj=6.4km s-min=2.5km az=101.0
ISC 20 23:13:01.1, 1.2, 47.58N, 0.02, 123.33W, 0.02, h46km, 5km, n148, 0.076/199, Washington

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MDM Murphy Dose, CCB Clear Creek Bu, BMRM Bremner River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FETY Fethiye, KAS Kastellorizon, AKAS Kas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAP Kappang, BATI Baumata, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DALY Dalian (Mula), DALY Turnurc, DALY Turunc, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 21 00:50:27.9,2.2,5.44S,150:86E, h0km, mb3.5/3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 20 23:42:27.8,1.6,0.22N,125.92E, h0km, mb4.3/4, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CNRM 21 01:10:46.2,36:96N,4:22E, h0km, etc.

21d 3h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like FOZ Otahua Downs, WHZ Wether Hill Ro, TUZ Tuapeka, etc.

NOU 21 02:18:06.6, 19.06S, 169.80E, h245km, ML4.2/10, Vanuatu Islands

ICD 21 02:18:07.0, 2.2, 18.93S, 169.53E, h277km, 23km, mb3.3/6, mb1.3.6/8, mb1mx3.4/23, mbtmp.3.9/8, Error ellipse: s-maj=32.9km s-min=15.9km az=167.0

ISC 21 02:18:05.0, 0.7, 18.96S, 0.07, 169.61E, 0.10, h246km, n38, e1971/38, mb3.5/5, Vanuatu Islands

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

ICD 21 02:40:37.2, 6.3, 52.05N, 169.33W, h0km, mb3.7/9, mb1.3.8/11, mb1mx3.6/53, mbtmp3.7/11, ML3.2/2, MS2.9/1, Ms1.2.9/1, ms1mx2.2/37, Error ellipse: s-maj=152.8km s-min=0.3.4km az=58.0

AEIC 21 02:40:42.2, 5.3, 52.15N, 0.04, 169.36W, 0.07, h25km, 5km, Error ellipse: s-maj=7.4km s-min=4.3km az=139.0

NEIC 21 02:40:42.5, 2.4, 52.17N, 0.01, 169.42W, 0.06, h26km, 5km, mb3.9/12, ML3.5/31(AEIC), Error ellipse: s-maj=7.6km s-min=2.9km az=143.0

ISC 21 02:40:46.3, 0.0, 52.00N, 0.2, 169.29W, 0.08, h20km, 17km, n51, e140/46, mb3.8/10, Fox Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NIKH Nikolski High, OKSP Okmok Steeple, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H11N3 WAKE ISLAND Hy 37.23 219, H11N1 WAKE ISLAND Hy 37.24 219, etc.

NEIC 21 03:18:00.4, 1.0, 57.8S, 0.1, 125.7W, 0.2, h65km, 6km, mb4.3/14, Error ellipse: s-maj=20.9km s-min=12.5km az=60.0

ICD 21 03:18:00.5, 5.2, 57.72S, 25.71W, h64km, 46km, mb4.0/10, mb1.4.1/11, mb1mx3.9/23, mbtmp4.2/11, ML4.1/1, MS3.2/3, Ms1.3.2/5, ms1mx3.1/16, Error ellipse: s-maj=26.1km s-min=15.1km az=63.0

ISC 21 03:17:58.6, 0.5, 57.76S, 0.09, 25.6W, 0.1, h49km, n44, e1524/38, mb4.3/12, MS3.3/4, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, etc.

ICD 21 03:29:32.8, 8.6, 10.53N, 91.25E, h0km, mb3.6/3, mb1.3.9/3, mb1mx3.4/39, mbtmp3.6/3, MS3.2/2, Ms1.3.2/2, ms1mx3.6/46, Error ellipse: s-maj=429.5km s-min=30.2km az=60.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like VVND Vanda, VVND Vanda, BDBF Brasilia, etc.

MAN 21 03:26:16.4, 9.57N, 122.24E, h1km, mb4.6, ML3.5, MS3.3, 2C-2D, Negros

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CNOP Candoni, Negro, GNOP Sibulan, etc.

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

ICD 21 03:29:32.8, 8.6, 10.53N, 91.25E, h0km, mb3.6/3, mb1.3.9/3, mb1mx3.4/39, mbtmp3.6/3, MS3.2/2, Ms1.3.2/2, ms1mx3.6/46, Error ellipse: s-maj=429.5km s-min=30.2km az=60.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, H0BS3 Diego Garcia H, etc.

KMA 21 03:30:24.0, 0.6, 38.77N, 126.08E, h0km, Error ellipse: s-maj=7.8km s-min=2.8km az=174.0, North Korea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KSGAH Gangha, KSGAH Gangha, KSGW Cheorwon, etc.

ICD 21 03:48:26.2, 0.7, 27.24S, 176.62W, h0km, mb4.1/10, mb1.4.1/11, mb1mx3.3/20, mbtmp4.2/11, ML5.0/1, MS3.9/6, Ms1.3.9/6, ms1mx3.5/21, Error ellipse: s-maj=30.4km s-min=19.2km az=139.0

NOU 21 03:48:28.2, 27.41S, 176.00W, h146km, MLV5.0/8, Kermadec Islands Region

NEIC 21 03:48:29.7, 1.3, 27.5S, 0.1, 176.3W, 0.2, h17km, 3km, mb4.7/41, Error ellipse: s-maj=22.0km s-min=13.1km az=121.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, NIUE Niue, etc.

21d 7h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOLK Toolik Lake Re, EPYK Eagle Plains, LAO LASA Array, etc.

NNC 21 07:05:51.1d, 0.5001N:78.76E, h0km, mb3.6, mpv3.2, 13C-9D, Error ellipse: s-maj=7.4km s-min=2.0km az=82.0, Suspected Mining explosion, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, etc.

INET 21 07:09:44.3, 11.87N:88.12W, h15km, MW4.3, SNET 21 07:09:50.6, 11.1, 11.93N:88.17W, h15km, 7km, ML3.9, UCR 21 07:09:50.4, 1.7, 11.92N:88.20W, h13km, 8km, ML3.8, MW4.4, mb4.5(NEIC)

NEIC 21 07:09:51.8, 1.6, 11.98N:0.06:87.97W:0.04, h19km, 5km, mb4.5/19, MD3.9(SNET), Error ellipse: s-maj=10.6km s-min=1.4km az=215.0

ICD 21 07:09:51.1, 4.1, 12.18N:87.75W, h20km, 26km, mb4.0/13, mb1.4/2/15, mb1mx3.9/4, mbtmp4.1/15, ML3.6/2, MS3.8/2, Ms1.3/7.2, ms12.9/30, Error ellipse: s-maj=31.6km s-min=3.1km az=48.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRNH San Cristobal, CNCH Conchagua, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COEG Centro de Oper, SJTE Alcaldia de S, LFRS El Faro, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WCI Wyandotte Cave, P49A Miami Univ. Ec, P52A Corning, etc.

Table with columns: Station Name, SNR, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like KSCHJ Chungju, KSJDO Jindo, GOCB Gochang-gun, etc.

Table with columns: Station Name, SNR, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like USRK Chongchun, ASAJ Asahikawa, BJT Baijiatuu, etc.

Table with columns: Station Name, SNR, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, NOA NORSAR Array A, etc.

SOME 21 08:24:42.6, 39.17N; 75:07E, h10km
NNC 21 08:24:44.2, 39.25N; 75:01E, h0km, mb3.9, mpv3.5,
Error ellipse: s-maj=14.8km s-min=12.4km az=9.0
KRNET 21 08:24:51.0, 1.39, 0.02N; 75:01E, mb2.9
ISC 21 08:24:47.9, 1.5, 39.02N; 75:07E, 0.04, h10km, n38,
25.14/56, 9C-11D, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like SFK Sufi-Kurgan, SFK Sufi-Kurgan, OHH Osh, etc.

21st 10h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station identifiers. Includes stations like FUG Fuego 3, RTAL Retalhuleu, and many others.

2015 AUG

Table with columns: Station Name, Time, Res, and various station identifiers. Includes stations like ABTX, Y49A Blount Mountain, and many others.

1090

Table with columns: Station Name, Time, Res, and various station identifiers. Includes stations like Q52A Bidwell, R55A Marlinton, and many others.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include PAX, SCM, GHO, KDAK, IL31, ILAR, OHAK, BMAR, MDM, SKT, PPLA, MLY, SVW2, TOLK, UNV, ARCES, MKAR, WRA, ASAR, CMAR, IDC 21 10:58:01.6, 1.4, 2.10N-30.60W, h0km, mb3.7/5, mb1 4.0/5, mb1mx3.7/39, mbtmp3.7/5, MS3.7/14, Ms1 3.6/12, ms1mx3.4/33, Error ellipse: s-maj=49.8km s-min=27.0km az=147.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include BOOM, CHMS, USP, TKM2, KST, KST, DGS, DGS, KUU, KUU, KUDL, KUDL, GEYT, GEYT, PIUTH, PIUTH, DANN, DANN, KOLN, KOLN, MKR1, MKR1, MKAR, MKAR, BHPH, BHPH, GKH, GKH, DMN, DMN, KKA, KKA, PKIN, PKIN, PKI, PKI, GUN, GUN, JIRN, JIRN, KURBB, KURBB, ABKAR, ABKAR, ABKAR, ABKAR, TAPN, TAPN, ODAN, ODAN, BVK, BVK, AKTO, AKTO, ZAAO, ZAAO, ZALV, ZALV, ZALV, ZALV, ARU, ARU, ARU, ARU, FIA1, FIA1, FIA1, FIA1, FINES, FINES, FINES, FINES, ARCES, ARCES, ARCES, ARCES, NC405, NC405, NC303, NC303, NC201, NC201, NOA, NOA, NC204, NC204, JNU, JNU, TORD, TORD, TORD, TORD, GUMO, GUMO, PSA00, PSA00, PSA00, PSA00, INK, INK, INK, INK, LBTB, LBTB, BOSA, BOSA, BOSA, BOSA, WRA, WRA, WRA, WRA, ASAR, ASAR

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include H03N2, H03N1, GO07, LL07, LL02, LC01, PLCA, PLCA, PLCA, PLCA, GO05, BO01, VA05, MT01, MT09, MT09, MT05, VA03, CO02, CO02, CO02, CO03, CO05, CO05, GO04, TRQA, TRQA, TRQA, AC02, AC02, LVC, LVC, LVC, LVC, AF01, PB01, PB01, CPUP, CPUP, LPAZ, LPAZ, LPAZ, LPAZ, ADOB, PTLS, CZSB, TJ01, ETMB, SALV, SAML, ESAR, OTAV, BDFB, SNOB, NPGB, MACA, ITTB, ROSC, PTGA, PTGA, SMTB, RUSC, PRPB, MALB, GOAV, SNAA, MCPB, SDV, TBI, VANDA, VANDA, VANDA, VANDA, NBRF, PPT2, RAR, RAR, URZ, URZ, MAW, MAW, TX32, TX32, TXAR, TXAR, TXAR, TXAR, TX31, U49A, ANMO, CCUT, CCUT, NVAR, DUG, DUG, ECSD, ECSD, ELK, PDAR, DZM, DZM, STKA, STKA, SCHO, SCHO, TORD, TORD, KSH, KSH, MKAR, MKAR, MKAR, MKAR

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include H10N3, H10N2, H10N1, H10N3, H10S2, BDFB, DBIC, KOWA, KOWA, TORO, TORO, CPUP, ESDC, KEST, SCHO, KMBO, BRTR, TXAR, PDAR, YKA, NVAR, NVAR, ILAR

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include H10N3, H10N2, H10N1, H10N3, H10S2, BDFB, DBIC, KOWA, KOWA, TORO, TORO, CPUP, ESDC, KEST, SCHO, KMBO, BRTR, TXAR, PDAR, YKA, NVAR, NVAR, ILAR

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include H10N3, H10N2, H10N1, H10N3, H10S2, BDFB, DBIC, KOWA, KOWA, TORO, TORO, CPUP, ESDC, KEST, SCHO, KMBO, BRTR, TXAR, PDAR, YKA, NVAR, NVAR, ILAR

IDC 21 11:12:23.8-3.4, 36.00N x 71.06E, h75km, 30km, mb3.6/10, mb1 3.7/15, mb1mx3.5/51, mbtmp4.0/15, MS3.9/14, Ms1 3.9/14, ms1mx3.8/35, Error ellipse: s-maj=22.6km s-min=20.2km az=112.1D, Afghanistan-Tajikistan border region

IDC 21 11:13:10.8-1.0, 41.143S-88.04W, h0km, mb4.0/7, mb1 4.2/8, mb1mx4.1/21, mbtmp3.9/8, ML3.8/1, MS3.9/14, Ms1 3.8/14, ms1mx3.7/19, Error ellipse: s-maj=32.8km s-min=24.2km az=98.0

IDC 21 11:18:44.4-1.2, 18.25N x 147.50E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.3/43, mbtmp3.6/3, Error ellipse: s-maj=280.5km s-min=34.2km az=95.0, Mariana Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include KBL, GAR, CHGR, NIL, DRK, BTK, DHRM, DHRM, DHRM, IUG, IUG, AML, UCH, KZA, MRKS, MRKS, EKS2, BRLS, BRLS, AAK, AAK, AAK, SMLA, SMLA, SMLA, FRU1

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include H03S2, H03S1, H03S3, H03N3

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include WRA, ASAR, ARCES

GCMT 21 11:13:12.7-0.3, 41.35S-0.02-88.25W, h0.02, h21km, 1km, MW4.9/90, Moment Tensor Solution. s21,c27; s90,c121; Duration: 0 Moment tensor: Scale 10^18Nm; Mr=0.69; 17; Mw=1.04; 15; Mb=0.34; 13; Ms=0.04; 21; Mbb=2.75; 09; Mo=0.31; 19; Best double couple: M2:85600;1016 N1:263.00000; s83.00000; A=-177.00000; NP2: 0s=173.00000; s87.00000; A=-7.00000; Principal axes: T 3, 1960, Plg3.0000; Azm333.0000; N -0.6800; Plg82.0000; Azm333.0000; P -2.5160, Plg7.0000; Azm128.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 21 11:13:15.7-2.1, 40.80S-0.1x88.0W-0.2, h10km, 1km, mb4.5/33, Error ellipse: s-maj=21.3km s-min=19.2km az=136.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include H03S2, H03S1, H03S3, H03N3

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include WRA, ASAR, ARCES

WEL 21 12:07:25.8;0.6,36.5;8.18°E;10.1,10.147km,11km, M3.5/47,mb4.3/3,ML3.7/47,MLV3.5/47,Mw(mb)3.4/3, Error ellipse: s-maj=0.0km s-min=0.0km az=118.7,Off east coast of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various stations like PKGZ Pakhiroa, PUK2 Pakititi, etc.

DJA 21 12:16:56.8;0.6,6.6;S.4.12°9E.1, h316km,12km, M4.4/11, mb4.6/7, mb4.9/6, MLV4.4/11, Mw(mb)4.2/6

ICC 21 12:16:56.1;1.3,6.0;S.8S:128.83E:h242km,16km,mb3.2/2, mb1.4/0.6, mb1mx3.4/36, mbmtmp3.4/36, Error ellipse: s-maj=22.4km s-min=12.1km az=112

NEIC 21 12:16:57.6;3.0,6.0;S.0.07:128.88E:0.07,h267km,15km, mb4.5/2, Error ellipse: s-maj=12.3km s-min=7.8km az=139.0

ISC 21 12:16:57.8;0.7,6.12S:0.06:128.89E:0.06,h300km,n31, c245/39, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like BNDI Bandanaira, MSAL Masoli, etc.

ICC 21 12:24:33.1;13.0,17.10S:175.13W,h198km,121km, mb3.2/4, mb1.3/4, mb1mx3.1/38, mbmtmp3.7/4, Error ellipse: s-maj=50.7km s-min=40.4km az=155.0, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like URZ Urewera, WRA Warramunga Arr, etc.

ICC 21 12:31:49.2;5.3,53.55N:164.33W,h0km,mb3.5/2, mb1.3/4, mb1mx3.4/47, mbmtmp3.4/4, ML3.2/2, Error ellipse: s-maj=90.7km s-min=34.7km az=98.0

AEIC 21 12:31:50.7;1.5,53.83N:0.08:165.41W:0.09,h53km,7km, ML3.4/39, mb3.7/70(NEIC), ML3.4/6(NEIC), Error ellipse: s-maj=12.2km s-min=4.4km az=151.0

NEIC 21 12:31:51.2;1.8,53.89N:0.07:165.45W:0.06,h58km,7km, Error ellipse: s-maj=11.1km s-min=3.6km az=161.0

ISC 21 12:31:51.0;0.9,53.9N:0.1:165.33W:0.06,h56km,11km, n91,c107/91,mb3.9/4,Fox Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like AKSA Akutan Strait, AKUT Akutan, etc.

ISC 21 12:49:56.3;0.5,10.22N:62.94W,h0km,mb4.3/24, mb1.4/5.28, mb1mx4.3/58, mbmtmp4.3/58, ML4.0/4, MS3.3/11, Ms1.3/3/11, ms1mx3.0/35, Error ellipse: s-maj=11.8km s-min=8.8km az=166.0

NEIC 21 12:49:58.2;1.1,10.15N:0.05:63.02W:0.06,h10km,1km, mb4.6/198,Mw4.0(CAR), Error ellipse: s-maj=11.2km s-min=8.4km az=110.0

TRN 21 12:49:58.4, 10.32N:63.08W,h3km,MD4.7

FUNV 21 12:49:59.6, 10.13N:62.97W,h5km,MW4.7

CAR 21 12:49:59.8, 10.14N:62.99W:0.07,h5km,3km, Error ellipse: s-maj=9.3km s-min=8.0km az=116.0

VAO 21 12:50:04.4;0.2,9.57N:62.96W,h10km,mb4.4

ISC 21 12:49:57.8;1.1,10.17N:0.03:63.05W:0.02,h9km,7km, n491,v193/491,mb4.6/118,MS3.2/9,2C,Near coast of Venezuela

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like CRUV Carupano, CRUV Cumanaca, etc.

comp=Z:1.9nm,1.5s TXAR Lajitas Array 50.34 93 P P 12 40 42.1 -0.1

HO3NZ Juan Fernandez 114.26 114 T T 14 55 12.2

HO3NI Juan Fernandez 114.27 114 T T 14 55 08.4

HO3NS Juan Fernandez 114.28 114 T T 14 55 13.6

ISC 21 12:45:48.6;1.2,0.5N:0.1:126.5E:0.2,h47km,n17, c066/15,mb4.0/3,Northern Malucca Sea

Code Station Name Δ° AZ° Phase ID Time Res ISC. Lists stations like TNTI Ternate, FAKI Fak Fak, etc.

WRA Warramunga Arr 21.68 160 P P 12 50 35.2 -0.4

WRA Warramunga Arr 21.68 160 P P 12 50 34.0 -1.6

WRO Warramunga Arr 21.77 159 P Iamb Iamb 12 50 36.5 -0.1

GUMO Guam 22.40 54 LR LR 12 57 09.5

AS31 Alice Springs 25.04 164 P Iamb Iamb 12 51 09.4 +0.8

ASAR Alice Springs 25.04 164 P P 12 51 09.1 +0.5

BBOW Buckleboob 34.30 166 P P 12 52 10.0 +0.4

STKA Stephens Creek 35.19 157 P P 12 52 38.2 -0.1

MKAR Makanchi Array 60.11 326 P P 12 55 52.0 +0.7

MKRF Makanchi Array 60.11 326 P P 12 55 50.3 -0.9

ISC 21 12:49:56.3;0.5,10.22N:62.94W,h0km,mb4.3/24, mb1.4/5.28, mb1mx4.3/58, mbmtmp4.3/58, ML4.0/4, MS3.3/11, Ms1.3/3/11, ms1mx3.0/35, Error ellipse: s-maj=11.8km s-min=8.8km az=166.0

NEIC 21 12:49:58.2;1.1,10.15N:0.05:63.02W:0.06,h10km,1km, mb4.6/198,Mw4.0(CAR), Error ellipse: s-maj=11.2km s-min=8.4km az=110.0

TRN 21 12:49:58.4, 10.32N:63.08W,h3km,MD4.7

FUNV 21 12:49:59.6, 10.13N:62.97W,h5km,MW4.7

VAO 21 12:50:04.4;0.2,9.57N:62.96W,h10km,mb4.4

ISC 21 12:49:57.8;1.1,10.17N:0.03:63.05W:0.02,h9km,7km, n491,v193/491,mb4.6/118,MS3.2/9,2C,Near coast of Venezuela

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like CRUV Carupano, CRUV Cumanaca, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes call signs like JACV, TBG, MAGL, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes call signs like IPMB, TKL, TKL, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes call signs like EYMN, EYMN, EYMN, etc.

21d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Earthquake Lak, Fire Flon, Eggmont, etc.

2015 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Log Cabin Wind, Mantesta, Sand Creek, etc.

1094

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like DDA 21 13:13:00.9, ARG Arkhangelos, etc.

21d 13h

Table with columns for station name, frequency, and other details. Includes stations like SRKR Sorokina, CIRR Tsirk, BZGR Bezymyanni-Gr, LGNR Loginova, KLY Klyuchi, KRSR Krestovskiy, BZWR Bezymyanni-We, BZMR Bezymyannaya, KIRR Kirishev, MKZ Mys Kozlova, KPT Kopyto, KMINR Kamenistaya, KZV Kizimen, TUMR Tumrok, ESO Esso, KIL Karymskiy, SPN Mys Shipunski, OCSR Ossora, NLC Nalytchevo, SDLR Sedlovina, KRX Arik, KRER Koryakskii, SMAR Somma, AVH Avacha, UGLR Uglovaya, KOK Koryaka, GNL Ganaly, DALK Dalny, PET Petropavlovsk, and others.

2015 AUG

Table with columns for station name, frequency, and other details. Includes stations like KLR Kul'dur, TIXI Tiksi, IMAR Indian Mountain, KPAW Bear Paw Mtn., KDKA Kodiak Island, RND Reindeer, MJAR Matsushiro Arr, ILAR Eielson Array, GLI Glacier Island, BMAR Burnt Mountain, BCAR Beaver Creek, KRSR Korea Arr, SONM Songiro Array, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, MK31 Makanchi Arr, ARCES ARCES Array B, NVAR Mina Array Bea, FINES FINESS Array B, NB2 NORSAR Subarra, TXAR Lajitas Array, WRA Warramunga Arr, ASAR Alice Springs, ESDC Seneca Array, VIE 21 13:45:45.7, PRU 21 13:45:45.8, Code Station Name, KSP Ksiaez, CHVC Chvalec, OSTC Ostas, UPUC Upice, PVCC Panska Ves, KRLC Kralicky, BRG Bergliesshubel, PRU Pruhoonice, MORC Moravsky Berou, CLL Colim, VRAC Vranov, KRUC Moravsky, QJC Ojow, NKC Novy Kostel, JAVC Velka Javorina, CKRC Cesky Krumlov, LANS Liptovska Anna, CONA Conrad Observa, MOA Molln, ARSA Arzberg, IDC 21 13:56:38.7, IDC 21 13:56:51.8, IDC 21 13:56:50.1, Code Station Name, FAKI Fak Fak, SAUI Saumalk, KNRA Kununurra, WBR Warramunga Arr, WRO Warramunga Arr, and others.

1096

Table with columns for station name, frequency, and other details. Includes stations like WRAB Tennant Creek, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, MMRI Maumere, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Eidsvold, BBOO Buckleboe, JMZ WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, MKAR Makanchi Arr, Code Station Name, DRK Karamyk, DRK Batken, BTK Batken, BTK Osh, OHH Sufi-Kurgan, SFK Sufi-Kurgan, GAR Garm, GAR Terek-Say, TRKS Terek-Say, CHGR Chuyangara, CHGR Almayyash, AML Almayyash, AML Manas, MNAS Aral, ARLS Aral, IUG luzhnay, IUG Merke, MRKS Uchto, UCH Uchto, EKS2 Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, BRLS Borolday, BRLS Karagaybulak, KBK Karagaybulak, USP Osh, BOOM Boomsokye usch, BOOM Ulahol, ULHL Ulahol, TKM2 Tokmak 2, TKM2 Tokmak 2, SGDS Kaste, SGDS Kaste, KST Kaste, KST Kaste, DGS Degeres, DGS Degeres, DGS Degeres, DGS Kajsay, KDJ Kajsay, KRBS Karabastau, KRBS Karabastau, and others.

21d 18h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PET, TJNI, FALS, PEAB, PETK, PETK, etc.

2015 AUG

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like YBH, YBH, K02D, MDJ, MDJ, etc.

1104

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BRK, BRSE, G05D, G05D, etc.

21d 18h

Table with columns for station name, frequency, and various status codes. Includes stations like SHLS, UZB, KSH, KUU, KURK, etc.

2015 AUG

Table with columns for station name, frequency, and various status codes. Includes stations like KLMM, KLMR, KLMR, etc.

1106

Table with columns for station name, frequency, and various status codes. Includes stations like EDU, INV, KVT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MCQ Macquarie Isla, GUN Gumba, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TRN 21 20:48:14.6, 13.61'N, 58.58'W, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IASPEI 21 20:52:24.3, 0.9, 44.00'N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BLY Dugi Otok, DUGI Dugi Otok, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DUA 21 21:02:39.2, 0.3, 10.54'x11.9'E, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WBSI Waikabubak, Su, WBSI WBSI, etc.

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

NEIC 21 21:08:01.1, 1.6, 46.48'N, 0.08:156.4E:0.2, h10km, 1km, mb4.2/8, Error ellipse: s-maj=19.8km s-min=12.5km

IDC 21 21:08:04.0, 5.0, 8.46:65'N:155.71'E, h0km, mb3.8/14, mb1.4/0.16, mb1mx3.9/42, mbtmp3.8/16, ML3.1/2, MS3.0/2, Ms1.3/0.2, ms1mx2.5/46, Error ellipse: s-maj=21.0km s-min=18.1km az=126.0

ISC 21 21:08:06.1, 0.9, 46.88'N:157.07'E, h10km, n42, ms147/34, mb3.9/17, Error ellipse: s-maj=18.1km s-min=12.5km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PEAOB Petropavlovsk, PETK Petropavlovsk, etc.

IDC 21 21:08:09.8, 1.7, 15.02'N:147.05'E, h0km, mb3.7/4, mb1.3/9.5, mb1mx3.5/44, mbtmp3.8/5, ML3.8/1, MS4.3/1, Ms1.4/3.1, ms1mx2.8/33, Error ellipse: s-maj=47.3km s-min=24.1km az=99.0, Mariana Islands region

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

TRN 21 21:11:50.1, 15.81'N:61.59'W, h19km, MD3.6, 3C-1D, Leeward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TDBA Terre de Bas, TBG Guadaloupe-3, etc.

Table with columns: MPO, Station Name, Frequency, Power, and other technical details. Includes stations like Morne Pois Mar, Willy Bob, Saint Kitts, etc.

NEIC 21 21:36:02.0 1.2 19.9S:0.1x178.27W:0.09, h616km, 12km, mb4.2/23, Error ellipse: s-maj=21.2km s-min=12.3km az=162.0

IDC 21 21:36:03.7 2.2 19.76S:178.52W, h624km, 21km, mb3.0/5, mb1 3.2/7, mb1mx2.9/39, mbtmp4.1/7, Error ellipse: s-maj=31.6km s-min=27.6km az=147.0

ISC 21 21:36:00.6 0.7 19.8S:0.1x178.2W:0.1, h600km, n34, a=120/35, mb4.3/15, Fiji Islands region

Main table for NEIC/IDC/ISC stations. Columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Includes stations like Nonsavu, DZM, QZ, etc.

IDC 21 21:42:03.6 1.9 6.12S:130.42E, h125km, 17km, mb3.9/12, mb1 4.1/15, mb1mx3.9/34, mbtmp4.4/15, Error ellipse: s-maj=20.3km s-min=11.6km az=90.0

NEIC 21 21:42:05.0 1.6 6.15S:0.05x130.38E:0.04, h137km, 6km, mb4.6/28, Error ellipse: s-maj=7.8km s-min=6.0km az=162.0

DJA 21 21:42:05.1 0.2 6.2S:2.13'0E, h144km, 3km, M5.0/22, mb5.4/9, mb4.8/22, ML5.5/13, Mw(MB)4.9/9

ISC 21 21:42:05.4 0.4 6.25S:0.04x130.42E:0.05, h150km, n120, a=168/129, mb4.7/47, Banda Sea

Main table for IDC/NEIC/DJA/ISC stations. Columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Includes stations like BNDI, SAUI, SAUJ, etc.

Table with columns: TOLL, Station Name, Frequency, Power, and other technical details. Includes stations like Tolitoli, WBO, WRAB, etc.

WRA Warramunga Arr 14.14 165 Pn Pn 21 45 16.1 -3.1

ASAR Alice Springs 17.64 169 Pn Pn 21 46 02.8 +0.8

PSA00 Pilbara Seismi 18.35 213 P Iamb Iamb 21 46 09.5 +0.9

FOR Forest 23.43 185 P P 21 47 11.9 +1.0

PHIT Phitsanulok 37.17 309 P P 21 48 50.4 +0.4

CM04 Chiang Mai Arr 39.52 309 P P 21 49 22.2 +0.4

CM05 Chiang Mai Arr 39.53 309 P P 21 49 23.5 +1.6

CM15 Chiang Mai Arr 39.59 309 P P 21 49 23.0 +0.6

CM20 Chiang Mai Arr 39.59 309 P P 21 49 23.0 +0.6

CM21 Chiang Mai Arr 39.59 309 P P 21 49 23.0 +0.6

CM22 Chiang Mai Arr 39.59 309 P P 21 49 23.0 +0.6

CM23 Chiang Mai Arr 39.59 309 P P 21 49 23.0 +0.6

CM24 Chiang Mai Arr 39.59 309 P P 21 49 23.0 +0.6

CM25 Chiang Mai Arr 39.59 309 P P 21 49 23.0 +0.6

CM26 Chiang Mai Arr 39.59 309 P P 21 49 23.0 +0.6

Table with columns: ZAAO, Station Name, Frequency, Power, and other technical details. Includes stations like Zalesovo Array, ZALV, etc.

ILAR Eielson Array 92.49 25 P P 21 54 57.8 -1.4

TRN 21 21:51:54.6 13.84N-58.38W, h20km, MD4.3, North Atlantic Ocean

MPOM Morne Pois Mar 2.48 284 Op Pn 21 52 34.8 +0.9

SLBI Saint Lucia, B 2.52 275 Op Pn 21 52 37.1 -2.2

ABND Antigua, Antil 4.62 314 Op Pn 21 53 04.9 +2.3

ABND Antigua, Antil 4.62 314 Op Pn 21 53 04.9 +2.3

ABND Antigua, Antil 4.62 314 Op Pn 21 53 04.9 +2.3

ABND Antigua, Antil 4.62 314 Op Pn 21 53 04.9 +2.3

ABND Antigua, Antil 4.62 314 Op Pn 21 53 04.9 +2.3

ABND Antigua, Antil 4.62 314 Op Pn 21 53 04.9 +2.3

ABND Antigua, Antil 4.62 314 Op Pn 21 53 04.9 +2.3

ABND Antigua, Antil 4.62 314 Op Pn 21 53 04.9 +2.3

ABND Antigua, Antil 4.62 314 Op Pn 21 53 04.9 +2.3

ABND Antigua, Antil 4.62 314 Op Pn 21 53 04.9 +2.3

ABND Antigua, Antil 4.62 314 Op Pn 21 53 04.9 +2.3

ISC 21 22:40:07.6:2.2, 6.745s, 129.81E, h0km, mb3.7/1, mb1 4.1/3, mb1mx3.6/34, mbtmp3.9/3, ML4.0/2, Error ellipse: s-maj=131.8km s-min=31.3km az=69.0, Banda Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	13.85	162	Op	22 43 25.5	+0.2
WRA		1.0m, 0.3s, baz=345, slow=13, SNR=56		Pn		
ASAR	Alice Springs	17.29	167	P	22 44 10.5	-0.1
ASAR		0.4m, 0.3s, baz=342, slow=10, SNR=23		Pn		
MKAR	Makanchi Array	67.90	327	P	22 51 08.1	0.0
MKAR		0.4m, 0.3s, baz=345, slow=25, SNR=5.6		Pn		
MKAR		0.6m, 0.6s, baz=115, slow=6, SNR=7.3		Pn		

ISC 21 22:57:54.9:1.6, 35.96N, 139.73E, h63km, 15km, mb3.4/13, mb1 3.6/15, mb1mx3.5/42, mbtmp3.7/15, Error ellipse: s-maj=22.0km s-min=8.8km az=62.0

JMA 21 22:57:55.0:1.1, 36.07N, 139.88E, h46km, 1km, M3.5

Broadband fault plane solution: P waves. NP1: $\sigma_1=244.00000^\circ, \delta_1=3.00000^\circ, \lambda_1=13.00000^\circ$; NP2: $\sigma_2=41.00000^\circ, \delta_2=87.00000^\circ, \lambda_2=85.00000^\circ$. Principal axes: T P1g5.0000°, Azm304.0000°; N P1g5.0000°, Azm42.0000°; P P1g3.0000°, Azm135.0000°

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
JYT	Yasato	0.31	52	Op	22 58 04.0	-0.1
JYT		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
JAG	Ashikaga	0.52	318	Op	22 58 06.3	0.0
JAG		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
JRY	Ryogami san	0.80	269	Op	22 58 10.0	+0.3
JRY		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
JKT	Katashina	0.89	325	Op	22 58 11.0	+0.1
JKT		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
JOD	Odawara 2	1.01	220	Op	22 58 26.4	+0.6
JOD		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
JYN	Shimob	1.22	240	Op	22 58 17.2	+1.9
JYN		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
JFY	Yanaizu	1.37	354	Op	22 58 18.0	+0.7
JFY		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
MJAR	Matsushiro Arr	1.45	291	Op	22 58 18.1	-0.2
MJAR		1.1m, 0.3s, baz=108, slow=9, SNR=242		Pn		
MJAR		4.9m, 0.3s, baz=253, slow=42, SNR=6.2		Pn		
MAT	Matsushiro	1.45	291	Op	22 58 19.3	+1.0
MAT		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
MAT		0.5m, 0.5s, baz=83, slow=7.4, SNR=7.9		Pn		
JHU	Hachiojima 2	2.91	182	Op	22 58 38.6	+0.4
JHU		38m, 0.3s, baz=52, slow=19, SNR=12		Pn		
JHU		26m, 0.3s, baz=64, slow=22, SNR=1.8		Pn		
USRK	Utsunoyasu Ar	10.15	326	Op	23 00 18.6	+1.4
USRK		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
PETK	Petrovlovsk	21.16	31	Op	23 02 30.7	+2.2
PETK		0.5m, 0.4s, baz=190, slow=7.3, SNR=2.7		Pn		
SONM	Songino Array	27.35	306	Op	23 03 32.7	-1.5
SONM		0.2m, 0.4s, baz=229, slow=12, SNR=2.2		Pn		
H1N2	WAKE ISLAND Hy	28.74	117	T	23 34 05.9	
H1N1	WAKE ISLAND Hy	28.75	117	T	23 33 59.7	
H1N3	WAKE ISLAND Hy	28.76	117	T	23 34 02.4	
H1S1	WAKE ISLAND Hy	29.40	119	T	23 34 48.1	
H1S3	WAKE ISLAND Hy	29.40	119	T	23 34 48.1	
H1S2	WAKE ISLAND Hy	29.41	119	T	23 34 51.3	
ZALV	Zalesovo Beam	41.69	313	Op	23 05 37.8	+0.4
ZALV		0.9m, 0.5s, baz=115, SNR=1.1		Pn		
MKAR	Makanchi Array	43.62	303	Op	23 05 53.9	+0.7
MKAR		0.7m, 0.6s, baz=88, slow=9.1, SNR=10		Pn		
ILAR	Elielion Array	50.99	32	Op	23 06 49.9	-0.2
ILAR		0.4m, 0.6s, baz=95, slow=7.4, SNR=4.9		Pn		
WRA	Warramunga Arr	55.92	186	Op	23 07 26.0	-0.7
WRA		0.4m, 0.4s, baz=117, slow=7.6, SNR=3.0		Pn		
ASAR	Alice Springs	59.65	186	Op	23 07 52.4	-0.4
ASAR		0.2m, 0.6s, baz=95, slow=7.4, SNR=1.7		Pn		
ARCES	ARCCESS Array B	64.49	339	Op	23 08 23.8	-1.0
ARCES		1.5m, 0.5s, baz=28, slow=8.2, SNR=3.9		Pn		
FINES	FINES Array B	69.12	332	Op	23 08 52.5	-1.7
FINES		1.9m, 1.0s, baz=58, slow=7.5, SNR=5.1		Pn		
AKASG	Matlin Array Be	74.32	322	Op	23 09 24.8	-0.9
AKASG		0.2m, 0.3s, baz=51, slow=7.3, SNR=1.4		Pn		
NOA	NORSAR Array B	74.62	337	Op	23 09 27.1	-0.3
NOA		0.4m, 0.8s, baz=45, slow=5.5, SNR=1.7		Pn		
NVAR	Nina Array Bea	76.57	32	Op	23 09 40.3	+1.2
NVAR		0.4m, 0.7s, baz=117, slow=7.1, SNR=2.9		Pn		
TXAR	Lajitas Array	91.50	51	Op	23 10 56.8	+0.7
TXAR		0.2m, 0.5s, baz=264, slow=2.5, SNR=2.2		Pn		

ISC 21 23:00:49.3:1.9, 0.42N, 126.20E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.5/28, mbtmp3.8/3, Error ellipse: s-maj=176.8km s-min=24.2km az=65.0, Northern Molucca Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	21.75	159	Op	23 05 41.8	-0.9
WRA		1.3m, 0.5s, baz=115, SNR=50		Pn		
ASAR	Alice Springs	25.08	163	Op	23 06 16.5	+0.7
ASAR		0.9m, 0.5s, baz=344, slow=11, SNR=16		Pn		
MKAR	Makanchi Array	59.98	327	Op	23 10 57.6	-0.1
MKAR		0.8m, 0.7s, baz=117, slow=7.4, SNR=9.3		Pn		

NOU 21 23:06:09.6, 38.18S, 176.05E, h214km, ML3.8/9, North Island, New Zealand

WEL 21 23:06:15.0:1.0, 6.38S, 177.66E, h163km, 4km, M3.0/54, ML3.0/54, Error ellipse: s-maj=0.0km s-min=0.0km az=133.9, North Island

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
GRRZ	Galatos Road	0.17	170	Op	23 06 37.8	+0.9
HSRZ	Hossack Road	0.19	133	Op	23 06 37.8	+0.9
KARZ	Kaharoa	0.21	40	Op	23 06 37.6	+0.6
HLRZ	Highlands Stat	0.23	107	Op	23 06 38.4	+1.4
OMRZ	Omania	0.25	72	Op	23 06 37.9	+0.9
HRRZ	Handcock Road	0.27	141	Op	23 06 38.0	+0.8
MKRZ	Makaiti	0.32	92	Op	23 06 38.9	+1.4
WPRZ	Whakapapataru	0.34	168	Op	23 06 38.0	+0.7
TARZ	Mount Tarawera	0.35	99	Op	23 06 38.9	+1.5
KMRZ	Kaimai	0.35	343	Op	23 06 38.1	+0.8
KUTZ	Kaahu Road	0.36	212	Op	23 06 38.1	+0.8
PRRZ	Pleatenu Road	0.40	141	Op	23 06 38.4	+1.6
PRRZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
ALRZ	Allen Road	0.43	151	Op	23 06 38.3	+0.6
ALRZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
TLRZ	Tolley Road	0.45	251	Op	23 06 57.0	+2.0
TGRZ	Tauranga	0.48	18	Op	23 06 38.5	+0.8
WHRZ	Whakaroa	0.49	180	Op	23 06 38.9	+0.9
OPRZ	Ohinepaea	0.51	49	Op	23 06 38.6	+0.6
MARZ	Manawhau	0.52	68	Op	23 06 38.9	+0.9
EDRZ	Edgecumbe	0.53	82	Op	23 06 38.9	+0.9
WATR	Wairara	0.59	207	Op	23 06 39.0	+0.6
MUGZ	Murupara	0.62	118	Op	23 06 38.9	+0.3
MUGZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
TOZ	Tahuroa Road	0.64	315	Op	23 06 39.4	+0.8
TOZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
MRHZ	Matea Rd	0.70	157	Op	23 06 39.2	+0.2
MRHZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
RFHZ	Rangitukua	0.72	189	Op	23 06 39.4	+0.2
RITZ	Rangitukua	0.81	192	Op	23 06 39.4	+0.2
RITZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
URZ	Urewera	0.82	96	Op	23 06 39.7	0.0
URZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
RTZ	Ratarama	0.83	121	Op	23 06 40.1	+0.2
RTZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
KATZ	Kakarama	0.84	200	Op	23 06 40.4	+0.3
MTHZ	Maungataniwha	0.90	138	Op	23 06 40.6	+0.3
MTHZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
MYRZ	Mayor Island	0.91	9	Op	23 06 41.3	+0.8
NTVZ	North Tongarir	0.96	199	Op	23 06 41.1	+0.2
KRVZ	Karewarewa	0.97	200	Op	23 06 41.0	0.0

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
TMVZ	Te Maari	0.97	197	Op	23 06 41.1	+0.1
TMVZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
TMVZ	East Tongariro	0.99	196	Op	23 06 41.3	+0.2
TMVZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
WTVZ	West Tongariro	1.00	202	Op	23 06 41.3	+0.1
WTVZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
HNWZ	North Ngauruhoe	1.01	201	Op	23 06 41.4	+0.1
HNWZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
TWVZ	Tauarewa	1.02	209	Op	23 06 41.4	0.0
TWVZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
OTVZ	Oturere	1.03	198	Op	23 06 42.0	+0.5
OTVZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
BKZ	Black Stump Fm	1.03	162	Op	23 06 41.6	+0.1
BKZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
NGZ	Ngauruhoe	1.06	200	Op	23 06 41.8	+0.1
NGZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
SNVZ	South Ngauruhoe	1.06	198	Op	23 06 41.7	-0.1
SNVZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
SNVZ	Naumai	1.08	148	Op	23 07 02.9	+0.6
SNVZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
RAHZ	Arahi	1.08	133	Op	23 06 42.3	+0.6
RAHZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
RAHZ	Rawiri	1.10	107	Op	23 06 42.4	+0.4
RAHZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
RAHZ	Tukino	1.13	197	Op	23 06 43.7	+1.0
RAHZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
WVZ	Matawai	1.16	98	Op	23 06 42.7	+0.3
WVZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
SNVZ	Shannon Statio	1.16	121	Op	23 06 43.0	+0.5
SNVZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
WHVZ	Whangaeahu Hut	1.16	199	Op	23 06 42.5	-0.2
WHVZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
WVZ	Whangaeahu Hut	1.20	198	Op	23 06 42.6	-0.4
WVZ		1.3m, 0.5s, baz=115, SNR=2.5		Pn		
PKVZ	Pokaka	1.24	207	Op	23 06 42.9	-0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LVC, LVC Imon Verde, PB15 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CSS, CSS 1.5nm,0.4s, CSS 1.5nm,0.4s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLOR, PLOR Plostinia, TIRR, TIRR Tirusor, etc.

22d 2h

Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like KUU Kurly, PDGK Podgatchov, SMLA Simla, etc.

2015 AUG

Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like MNK Minsk, ARAO ARCES, KTK1 Kautokeino, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like PDAR Pinedale Array, LOHW LongHollow, SRU San Rafael, etc.

IDD 22:02:49:25.6;1.0,27:21N:44:35W,h0km,mb4.0/11, mb1.4/2.11,mb1mx3.9/50,mbtmp4.0/11,MS3.5/14, Ms1.3/5/14,ms1mx3.3/33,Error ellipse: s-maj=29.0km s-min=20.7km az=173.0

NEIC 22:02:49:28.0;1.0,27:22N:01:44:29W:0.1,140km,1km, mb4.5/44,Error ellipse: s-maj=22.1km s-min=18.4km az=163.0

ISC 22:02:49:28.1;0.6,27:22N:01:44:29W:0.09,h16km,n71, c=080/44,mb4.5/32,MS3.4/14,Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like MTP Monte Pirata, SJG San Juan, MDP Madnages des, etc.

GCMT 22:02:50:36.0;0.3,23:26S:0:02:114:53W:0:02,h28km,1km, MW4.9/82,Moment Tensor Solution. s21,c21; s82,c108; Duration: 0 Moment tensor: Scale 1016 Nm; Mm=+0.45±15; Mbb=1.2±12; Mtt=1.6±12; Mrr=+0.44±18; Mbb2.25±08; Mrr=0.98±20; Best double couple: M2:82700×1016 NP1:φ255.00000°;φ77.00000°; 2.10.00000° NP2:φ163.00000°;φ81.00000°;1.166.00000° Principal axes: T:3.2069,Plg118.0000°,Az1118.00000°; N:-0.7570,Plg73.0000°;Az2309.00000°;P:2.4480, Plg3.0000°,Az209.00000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function Easter Island region

CRAAG 22:02:54:14.7,36:28N;1:76E,Mi3.4, ID 22:02:54:14.2;1.1,36:39N;1:68E,h0km,mb3.6/7, mb1.3/7.11,mb1mx3.5/48,mbtmp3.6/11,ML3.6/4,Error ellipse: s-maj=25.4km s-min=21.3km az=122.0

MDD 22:02:54:15.9;0.4,36:29N;1:66E,h0km,mb3.5/45,Error ellipse: s-maj=5.3km s-min=3.7km az=166.0,PRXIMO INMG 22:02:54:16.9;1.4,36:41N;1:82E,h0km,13km,ML2.8, Error ellipse: s-maj=14.3km s-min=3.5km az=134.0

IGL 22:02:54:17.4,36:30N;1:91E,h21km CNRM 22:02:54:18.0,36:34N;1:32E,h0km,m3/5 LDG 22:02:54:18.9;0.3,36:34N;1:39E,h30km,Mi3.2/25,Error ellipse: s-maj=2.7km s-min=2.9km az=150.0

ISC 22:02:54:15.2;1.1,36:46N:0:05:187E:1:04,h14km,9km, n199,az298/300,mb3.7/6,2C-9D,Northern Algeria

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like EBNR Beniached, ECHA Ech Chlef, ECHP Ech Chlef, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EBER Berja, TAF Tatoralt, SESP Santiago Espad, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MTLF Ste Jean, SJPF Ste Jean, PBAR Barrancos, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ORIF Oris-en-Rattie, MBDF Montbardon, ELOB Lobios, etc.

IDC 22 03:07:44.3:1.8, 0:39N:126:36E, h0km, mb4, 1/4, mb1 4.3/4, mb1mx3.7/34, mbtmp4.1/4, Error ellipse: s-maj=170.6km s-min=-22.8km az=64.0

NEIC 22 03:07:50.2:1.4, 0:55N:0:126:5E:0:1, h49km, 12km, mb4, 1/7, Error ellipse: s-maj=16.5km s-min=14.6km

ISC 22 03:07:49.6:1.0, 0:55N:0:126:5E:0:1, h47km, n14, 0866/14, mb4.1/8, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res. Includes stations like TINTI Ternate, WARRAMUNGA ARR, WRA Warramunga Arr, etc.

IDC 22 03:20:14.3:0.9, 0:61N:126:85E, h0km, mb3.9/7, mb1 4.1/8, mb1mx3.8/31, mbtmp4.0/8, ML4.1/1, MS3.6/1, Ms1 3.6/1, ms1mx2.7/39, Error ellipse: s-maj=40.7km s-min=17.5km az=80.0

NEIC 22 03:20:22.3:0.9, 0:55N:0:126:7E:0:1, h62km, 9km, mb4, 2/1, Error ellipse: s-maj=18.6km s-min=10.1km

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time, Res. Includes stations like TINTI Ternate, KAPPI Kappang, WBO Warramunga Arr, etc.

Table with columns: WRA, WB2, WR0, AS31, ASAR, BBOO, STKA, STKA, KS19, MJAR, ASAJ, SONM, SONM, PETK, NIL, NIL, MK31, MKAR, ZAAO, ZAAO, KKAR. Includes station names, coordinates, and various parameters.

IDC 22 03:37:08.7:24.0,16:61S.66:32E,h0km,mb3.8/3, mb1 4.0/3,mb1mx3.5/4.6,mbtmp3.8/3,MS3.6/2,Ms1 3.6/2, ms1mx3.0/37, Error ellipse: s-maj=737.7km s-min=52.3km az=63.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Lists stations like Diego Garcia H, Diego Garcia H, Diego Garcia H, Lembang, Cape Leeuwin H, etc.

JMA 22 03:45:33.3:0.1,36:06N-139:89E,h45km±1km,M2.5, Eastern Honshu

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

IDC 22 03:50:36.1±2.5,2:91S,129:38E,h52km±29km,mb3.4/3, mb1 3.8/6,mb1mx3.4/53,mbtmp3.8/6,ML3.6/3,MS2.6/1, Ms1 2.6/1,ms1mx2.1/20, Error ellipse: s-maj=28.9km s-min=16.7km az=111.0

ISC 22 03:50:35.3:1.0,3:05:0.1:129:4E:0.1,h35km,n6,c1924/7, mb3.8/3, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Lists stations like Sorong, Kappang, KAPI, WRA, ASAR, MKAR, KURBB.

IDC 22 03:55:41.4±6.6,36:02N:71:44E,h96km±64km,mb3.5/4, mb1 3.3/7,mb1mx3.0/56,mbtmp3.6/7,ML3.1/3, Error ellipse: s-maj=44.1km s-min=127.0

ISC 22 03:55:45.9:2.2,36:6N:02:709E:0.2,h100km,n9, c1952/10,mb3.8/3,1D,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Lists stations like Karatay Array, Ala-Archa, MKAR, AB31, KURBB, ZALV, FINES, ARCES, TORD.

JMA 22 04:08:29.2:0.1,23:83N:121:69E,h32km±2km,M2.8 TAP 22 04:08:30.6:23:88N:121:59E,h34km,ML3.6/C, ISC 22 04:08:30.4:0.9,23:87N:0:02:121:62E:0.02,h33km±3km, n84,c0966/145,9C-10D,Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Lists stations like Yanliu Villag, TEYL, HWA, HWA.

Table with columns: ETM, ETM, ESL, ESL, TWD, TWD, EGFH, EGFH, ETL, ETL, NACB, NACB, ETLH, ETLH, OWD, OWD, HGSD, HGSD, WHF, WHF, CHGB, CHGB, EHY, EHY, FUSS, FUSS, YULB, YULB, YULB, YULB, ENA, ENA, TDCB, TDCB, NNS, NNS, SSSL, SSSL, SMLT, SMLT, WCS, WCS, WCS, WCS, TYC, TYC, WHYT, WHYT, FULB, FULB, NDT, NDT, WHP, WHP, WHP, WHP, TWC, TWC, TWC, TWC, NDS, NDS, CHKT, CHKT, WJS, WJS, YHNB, YHNB, YHNB, YHNB, ALS, ALS, ALS, ALS, WNT, WNT, WNT, WNT, ELDTW, ELDTW, CHNS, CHNS, TCU, TCU, TCU, TCU, EDH, EDH, EDH, EDH, NNTT, NNTT, NNTT, NNTT, LIQB, LIQB, LIQB, LIQB, NSY, NSY, NSY, NSY, WCHH, WCHH, WCHH, WCHH, NTC, NTC, NTC, NTC.

IDC 22 03:37:08.7:24.0,16:61S.66:32E,h0km,mb3.8/3, mb1 4.0/3,mb1mx3.5/4.6,mbtmp3.8/3,MS3.6/2,Ms1 3.6/2, ms1mx3.0/37, Error ellipse: s-maj=737.7km s-min=52.3km az=63.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Lists stations like Diego Garcia H, Diego Garcia H, Diego Garcia H, Lembang, Cape Leeuwin H, etc.

JMA 22 03:45:33.3:0.1,36:06N-139:89E,h45km±1km,M2.5, Eastern Honshu

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

IDC 22 03:50:36.1±2.5,2:91S,129:38E,h52km±29km,mb3.4/3, mb1 3.8/6,mb1mx3.4/53,mbtmp3.8/6,ML3.6/3,MS2.6/1, Ms1 2.6/1,ms1mx2.1/20, Error ellipse: s-maj=28.9km s-min=16.7km az=111.0

ISC 22 03:50:35.3:1.0,3:05:0.1:129:4E:0.1,h35km,n6,c1924/7, mb3.8/3, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Lists stations like Sorong, Kappang, KAPI, WRA, ASAR, MKAR, KURBB.

IDC 22 03:55:41.4±6.6,36:02N:71:44E,h96km±64km,mb3.5/4, mb1 3.3/7,mb1mx3.0/56,mbtmp3.6/7,ML3.1/3, Error ellipse: s-maj=44.1km s-min=127.0

ISC 22 03:55:45.9:2.2,36:6N:02:709E:0.2,h100km,n9, c1952/10,mb3.8/3,1D,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Lists stations like Karatay Array, Ala-Archa, MKAR, AB31, KURBB, ZALV, FINES, ARCES, TORD.

JMA 22 04:08:29.2:0.1,23:83N:121:69E,h32km±2km,M2.8 TAP 22 04:08:30.6:23:88N:121:59E,h34km,ML3.6/C, ISC 22 04:08:30.4:0.9,23:87N:0:02:121:62E:0.02,h33km±3km, n84,c0966/145,9C-10D,Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Lists stations like Yanliu Villag, TEYL, HWA, HWA.

Table with columns: NMLH, NMLH, WDLH, WDLH, WDLH, WDLH, STYH, STYH, LONT, LONT, TPUB, TPUB, CHN4, CHN4, CHN4, CHN4, TWA, TWA, TWA, TWA, TWP, TWP, TWP, TWP, WRL, WRL, WRL, WRL, WTK, WTK, WTK, WTK, CHY, CHY, CHY, CHY, TWG, TWG, TWG, TWG, TWK, TWK, TWK, TWK, TWK, TWK, NWF, NWF, CHN1, CHN1, CHN1, CHN1, SGST, SGST, SGST, SGST, SLGT, SLGT, SLGT, SLGT, YMO1, YMO1, ANP, ANP, ICHU, ICHU, CHN8, CHN8, YOJ, YOJ, YOJ, YOJ, SCST, SCST, SSD, SSD, SSD, SSD, TSMG, TSMG, TSMG, TSMG, MASBT, MASBT, EAST, EAST, SCZT, SCZT, SLIU, SLIU, PHUB, PHUB, IRIF, IRIF, IRIF, IRIF, JKRS, JKRS, JKRS, JKRS, IJL, IJL, IJL, IJL, JISG, JISG, JISG, JISG.

IDC 22 03:37:08.7:24.0,16:61S.66:32E,h0km,mb3.8/3, mb1 4.0/3,mb1mx3.5/4.6,mbtmp3.8/3,MS3.6/2,Ms1 3.6/2, ms1mx3.0/37, Error ellipse: s-maj=737.7km s-min=52.3km az=63.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Lists stations like Diego Garcia H, Diego Garcia H, Diego Garcia H, Lembang, Cape Leeuwin H, etc.

JMA 22 03:45:33.3:0.1,36:06N-139:89E,h45km±1km,M2.5, Eastern Honshu

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

IDC 22 03:50:36.1±2.5,2:91S,129:38E,h52km±29km,mb3.4/3, mb1 3.8/6,mb1mx3.4/53,mbtmp3.8/6,ML3.6/3,MS2.6/1, Ms1 2.6/1,ms1mx2.1/20, Error ellipse: s-maj=28.9km s-min=16.7km az=111.0

ISC 22 03:50:35.3:1.0,3:05:0.1:129:4E:0.1,h35km,n6,c1924/7, mb3.8/3, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Lists stations like Sorong, Kappang, KAPI, WRA, ASAR, MKAR, KURBB.

IDC 22 03:55:41.4±6.6,36:02N:71:44E,h96km±64km,mb3.5/4, mb1 3.3/7,mb1mx3.0/56,mbtmp3.6/7,ML3.1/3, Error ellipse: s-maj=44.1km s-min=127.0

ISC 22 03:55:45.9:2.2,36:6N:02:709E:0.2,h100km,n9, c1952/10,mb3.8/3,1D,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Lists stations like Karatay Array, Ala-Archa, MKAR, AB31, KURBB, ZALV, FINES, ARCES, TORD.

JMA 22 04:08:29.2:0.1,23:83N:121:69E,h32km±2km,M2.8 TAP 22 04:08:30.6:23:88N:121:59E,h34km,ML3.6/C, ISC 22 04:08:30.4:0.9,23:87N:0:02:121:62E:0.02,h33km±3km, n84,c0966/145,9C-10D,Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Lists stations like Yanliu Villag, TEYL, HWA, HWA.

IDC 22 04:44:22.1±0.6,14:58N:45:04W,h0km,mb4.0/17, mb1 4.2/18,mb1mx4.1/40,mbtmp4.1/18,ML4.2/1,MS3.7/29, Ms1 4.7/29,ms1mx3.6/38, Error ellipse: s-maj=22.2km s-min=13.0km az=129.0 NEIC 22 04:44:25.1±2.3,14:60N:0:06:45:1W:0.1,h10km±1km, mb4.5/44, Error ellipse: s-maj=20.3km s-min=4.4km az=117.0 GCMT 22 04:44:27.1±0.4,14:94N:0:04:50W:0.03,h17km±1km, MW4.8/70, Moment Tensor. s20,c20: s70,c92; Duration: 0 Moment tensor: Scale 10^19Nm; Mr1-1.30; 12; Mw=0.09±0.07; Mw1.39±0.09; Mw1.38±0.32; Mw1.01±0.05; Mw1.10±0.23; Best double couple: Ms2 17700±1016 Np1:φ=342.0000°,δ=28.0000°,λ=-140.0000°. NP2: φ=215.0000°,δ=73.0000°,λ=-68.0000°. Principal axes: T 1.9270, P1g25.0000°, Azm289.0000°, N 0.5010, P1g1.0000°, Azm29.0000°, P 2.4380, P1g7.0000°, Azm154.0000°. nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function ISC 22 04:44:24.9:0.4,14:61N:0:06:45:1W:0.08,h12km,n129, c1923/101,mb4.5/47,MS3.7/28,Northern Mid-Atlantic Ridge

Table with columns: SJG, San Juan, 20.48 283 LR, LR, 04 55 36.2, ...

Table with columns: NOA, Pinedale Array, 61.51 311 LR, LR, 05 18 28.6, ...

Table with columns: ABS, Uzumlu, 1.74 208 iP, S, Sg, 05 28 10.6 +0.7, ...

Table with columns for station code, name, frequency, and signal strength. Includes stations like MJAR, MAJO, MAJQ, MAJW, MAT, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like KUR, Kuril'sk, NJ2, Nanjing, USA0B, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like MA2, Magadan, MA2, Magadan, ULN, Ulaanbaatar, etc.

1119

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like W82 Warramunga Arr, WRA Warramunga Arr, WRA comp=Z,2.3nm,0.6s, etc.

2015 AUG

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like TIXI Tiksi, RAMIR Ramite, JARR Jiri, etc.

22d 5h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like KUU Kurty, K20K Telida, ULHL Ulahol, etc.

22d 5h

Table with columns: KLU, Klutina, 62.26 31 P, P, 05 38 03.1 +1.1, etc. Includes stations like DZA Taraz, PAX Paxson, BVAR Borovoye, etc.

2015 AUG

Table with columns: I02D Swisshome, 77.46 47 P, P, 05 39 35.7 +1.6, etc. Includes stations like G03D McMinnville, SMD0 Samard, etc.

1120

Table with columns: WALA Waterton Lakes, 82.13 40 P, I Amb, P, 05 40 00.1 +1.0, etc. Includes stations like PNTR Pine Nut, DOK Doka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAL Aland, DUG Dugway, PFO Pinyon Flats, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANMO Albuquerque, MORC Moravsky Berou, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDI Bandanaira, SAUI Saumlaki, WRA Warrungarra Arr, etc.

22d 6h

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like CN2, TOL2, PETK, etc.

2015 AUG

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like SATY, PMR, MLY, etc.

1122

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like LLLB, A05A, YKA, etc.

Table with columns: Station Name, I/P, P, and numerical values. Includes stations like MNK, SDCO, ANMO, AKASG, GPCR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and numerical values. Includes stations like TORD, SMRT, SABA, etc.

Table with columns: Station Name, I/P, P, and numerical values. Includes stations like NACB, NACB, ILA, etc.

22d 7h

Table of astronomical observations for 22d 7h, listing station names, coordinates, and observation details.

2015 AUG

Table of astronomical observations for 2015 AUG, listing station names, coordinates, and observation details.

ISK 22 07:18:54.2, 38:01'N, 42:62'E, h4km, ML2.9/7
DDA 22 07:18:54.5, 37:97'N, 42:63'E, h3km, 2km, ML2.2

Table of astronomical observations for 2015 AUG, listing station names, coordinates, and observation details.

ISK 22 07:29:02.2, 35:69'N, 31:00'E, h5km, ML2.8/13
ISC 22 07:28:04.4, 1:2, 35:7'N, 0:1, -30.94E, 0.06, h24km, 22km, n19, -127/24, Eastern Mediterranean Sea

Table of astronomical observations for 2015 AUG, listing station names, coordinates, and observation details.

DJA 22 07:36:39.5, 0.3, 3'S, 3'12"E, h10km, M4.2/10, mb4.8/1, MLv4.0/10

ISC 22 07:36:42.6, 2.2, 2:89S, 129:37'E, h53km, 26km, mb3.7/2, mb1.4/0.5, mb1mx3.5/4.1, mbtmp4.0/5, ML3.9/3, MS3.4/3, Ms1.3/4.3, ms1mx2.9/4.3, Error ellipse: s-maj=21.2km s-min=1.9km az=94.0

ISC 22 07:36:40.7, 1.7, 2:86S, 0:05, 129:26'E, 0:05, h29km, 14km, n18, -116/23, Seram

Table of astronomical observations for 2015 AUG, listing station names, coordinates, and observation details.

1128

Table of astronomical observations for 1128, listing station names, coordinates, and observation details.

TRN 22 07:37:36.3, 10:06'N, 63:20'W, h106km, MD4.0
FUNV 22 07:37:37.8, 10:16'N, 62:97'W, h18km, MW3.9

ISC 22 07:37:37.0, 1.2, 10:15'N, 0:04, 63:07'W, 0:03, h17km, 9km, n34, -156/50, Near coast of Venezuela

Table of astronomical observations for 1128, listing station names, coordinates, and observation details.

ISC 22 07:44:31.1, 1.8, 2:06'N, 96:04'E, h0km, mb3.9/7, mb1.4/0.8, mb1mx3.7/4.6, mbtmp3.9/8, ML4.6/7, Error ellipse: s-maj=78.2km s-min=21.5km az=57.0

ISC 22 07:44:35.7, 1.8, 2:20'N, 96:22'E, 0:4, h27km, n14, -05/30/8, mb3.8/7, Northern Sumatara

Table of astronomical observations for 1128, listing station names, coordinates, and observation details.

ISC 22 07:46:48.8, 2.0, 49:21'S, 109:53'E, h0km, mb3.9/5, mb1.4/1.5, mb1mx3.8/3.4, mbtmp3.9/5, MS3.4/1, Ms1.3/4.1, ms1mx2.9/2.7, Error ellipse: s-maj=85.3km s-min=20.4km az=113.0

ISC 22 07:46:49.3, 1.9, 49:15'S, 0:3, 109:19'E, 0:5, h10km, n10, -136/77, mb4.0/5, Southeast Indian Ridge

Table of astronomical observations for 1128, listing station names, coordinates, and observation details.

ISC 22 07:58:12.5, 0.8, 15:05'S, 173:76'W, h0km, mb3.9/7, mb1.4/3.7, mb1mx3.9/3.3, mbtmp3.9/7, MS3.5/4, Ms1.3/4.4, ms1mx3.0/3.4, Error ellipse: s-maj=39.6km s-min=22.6km az=133.0

ISC 22 07:58:22.1, 0.9, 15:05'S, 0:2, 173:8'W, 0:3, h73km, n18, -054/48, mb4.0/7, Tonga Islands

Table of astronomical observations for 1128, listing station names, coordinates, and observation details.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like H11S2 WAKE ISLAND, H11S3 WAKE ISLAND, etc.

KNET 22 08:00:21.8, 0.2, 42.69N, 74.82E, h17km, 2km, ml2.5, Error ellipse: s-maj=2.3km s-min=2.2km az=127.0

Main table for station H1129, listing station names, coordinates, and various parameters. Includes stations like KBK Karagaybulak, FRU1 Bishkek, AAK Ala-Archa, etc.

Main table for station 2015 AUG, listing station names, coordinates, and various parameters. Includes stations like KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, etc.

Main table for station 22d 8h, listing station names, coordinates, and various parameters. Includes stations like IUG 47m,0.4s, MK31 Makanchi Array, MK31 Zalesovo Beam, etc.

22d 8h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KAN05, OK032, KAN13, etc.

2015 AUG

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like U40A, U40A, MIAR, etc.

1130

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CCM, CCM, T42A, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like LPAZ, MDP, WLB, NPG, MCBP, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like TCUT, PDAR, ULM, PLCA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like IBDR, KCHF, SNGE, etc.

1135

Table with columns: KLR, Kul'dur, 10.72 317 P, Pn, 12 16 38.5 +3.6, etc. Includes stations like UJUN, KSDGY, KSWOV, KSWOV, KSWOV, etc.

2015 AUG

Table with columns: SONM, SONGINGO ARRAY, SONM, SONM, SONM, etc. Includes stations like H11N2, H11N1, H11N3, H11S1, H11S2, etc.

22d 12h

Table with columns: DMN, EPYK, EPYK, GKN, DANN, AAK, AAK, INK, INK, INK, KSH, KSH, KSH, KSH, KSH, etc. Includes stations like DAMAN, EAGLE PLAINS, GORKHA, DANGSING, ALA-ARCHA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like J01E Myrtle Point, YBH Yreka Blue Hor, YBH Yreka Blue Hor, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like R32A Long Quarter, MID Middleton Isla, C23K Middleton Isla, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like AC02 Maricunga, LCO Las Campanas, CO05 La Serena, etc.

RSNC 22 12:41:18.2i, 1.0, 3:34N-78:30W, h11km, 11km, ML3.4, Mw3.8

ISC 22 12:41:28.0i, 3.6, 3:29N-77:86W, h95km, 31km, mb3.3/7, mb1 3.5/9, mb1mx3.4/36, mbtmp3.7/9, MS3.0/2, M1 3.0/2, ms1mx2.5/24, Error ellipse: s-maj=27.5km s-min=19.1km

ISC 22 12:41:16.5i, 0.8, 3:29N-0:04-78:20W, 0.05, h10km, n34, c160/36, mb3.5/7, SC, South of Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other details. Includes stations like TUMC Bahia Malaga, TUMC Tumaco, TUMC Tumaco, etc.

GUC 22 12:49:21.9i, 0.7, 27:50S-70:60W, h75km, 4km, ML3.9, IDC 22 12:49:21.1i, 7.7, 27:46S-70:35W, h49km, 60km, mb3.4/1, mb1 3.9/4, mb1mx3.5/25, mbtmp3.9/4, ML4.1/3, MS3.5/1, Ms1 3.5/1, ms1mx2.6/13, Error ellipse: s-maj=108.2km s-min=62.7km az=101.0

TRN 22 13:03:09.8, 14:34N-60:35W, h80km, MD4.2 TRN Felt in Martinique MMI IV; GuadaloupeMMI III; Saint Lucia MMI IV; St. Vincent and the Grenadines MMI III; Barbados MMI III.

NEIC 22 13:03:10.6i, 2.0, 14:41N-0:05-60:19W, 0.06, h70km, 6km, mb4.9/16, Error ellipse: s-maj=9.0km s-min=6.9km az=86.0

FUNV 22 13:03:11.2, 14:25N-60:27W, h12km, MW4.7, IDC 22 13:03:11.6i, 6.0, 14:32N-60:32W, h86km, 5km, mb3.9/19, mb1 4.2/22, mb1mx4.0/42, mbtmp4.3/22, MS3.3/9, Ms1 3.3/9, ms1mx3.4/46, Error ellipse: s-maj=13.8km s-min=10.8km az=103.0

ISC 22 13:03:11.1i, 0.5, 14:32N-0:02-60:35W, 0.04, h79km, 4km, n373, c183/32, mb4.8/74, 1C-17D, Windward Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other details. Includes stations like MPOM Morne Pois Mar, MVM Montagne Vaucl, LPMF Morne Lapointe, etc.

22d 13hr

Table with columns for station call letters, name, frequency, and other details. Includes stations like SMRT, CRUV, ABVI, PCRV, etc.

2015 AUG

Table with columns for station call letters, name, frequency, and other details. Includes stations like CCIG, LPAZ, LPZA, LPZA, etc.

1138

Table with columns for station call letters, name, frequency, and other details. Includes stations like DGMT, LAZ, WUPAKI, SRU, etc.

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

IDC 22 13:09:42.6 ± 1.0, 167.71S; 176.25E, h0km, mb3.8/6, mb1.4/0.7, mb1mx2.8/3.4, mbtmp3.8/7, ML5.2/1, MS3.0/1, Ms1.0/0.1, ms1mx2.0/3.0, Error ellipse: s-maj=34.0km, s-min=19.8km, az=112.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, HNR Honiara, STKA Stephens Creek, etc.

IDC 22 13:17:52.6 ± 0.6, 49.84S; 110.75E, h0km, mb4.4/15, mb1.4/5.15, mb1mx4.4/30, mbtmp4.4/15, MS4.3/18, Ms1.4/3.18, ms1mx4.2/28, Error ellipse: s-maj=24.6km, s-min=14.3km, az=112.0

BUI 22 13:17:53.1 ± 0.0, 49.79S; 110.50E, h7km, mb5.5/17, mb4.9/28, Ms5.1/5, Ms7.4/7.4

NEIC 22 13:17:54.0 ± 1.5, 49.87S; 110.09E; 110.7E; 0.2, h10km, 1km, mb4.8/22, Error ellipse: s-maj=19.9km, s-min=15.6km, az=82.0

GCMT 22 13:17:56.0 ± 0.2, 49.83S; 0.01; 110.58E; 0.03, h12km, MW5.0/110, Moment Tensor Solution: s51.061; s110.0160; Duration: 0. Moment tensor: Scale 10^16Nm; Mn=4.11; 1.7; Mm=3.59; 1.2; Mz=0.52; 1.2; Mo=0.12; 2.9; Mw=1.68; 0.9; Mw=0.15; 3.3; Best double couple: Mo4.225000 x 10^16 Np1.0; 112.00000; 0.44.00000; -0.92.00000; NP2.0; 295.00000; 0.46.00000; -0.88.00000; Principal axes: T 3.3340, Plg1.0000; Azm24.0000; N -0.2180, Plg1.0000; Azm114.0000; P -4.1160, Plg88.0000; Azm253.0000; nstai refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment rate function

ISC 22 13:17:54.0 ± 0.4, 49.84S; 110.75E; 0.1, h10km, n79, s=696/63, mb4.7/35, MS4.3/22, 4C, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WRO Warramunga Arr, WBO Warramunga Arr, SYO Syowa Base, etc.

NIED 22 13:20:41.3, 30.81N; 131.11E, h5km, MW3.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn=4.02; Mm=4.0; Mw=0.40; Mo=0.29; Ms=1.97; Mw=2.49; Fault plane solution: Ms5.30000 x 10^14 Np1.0; 61.36.00000; 0.55.00000; -0.44.00000; NP2.0; 264.00000; 0.48.00000; -1.31.00000; nstai refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment rate function

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JMA 22 13:20:41.2, 30.81N; 131.11E, h5km, 2km, M3.6, JMA Felt J1, etc.

GII 22 13:23:04.3 ± 0.0, 32.85N; 35.56E, h1km, MD2.1/6, Mm2.3/2, GRAL 22 13:23:07.0 ± 0.0, 32.91N; 35.92E, h2.3km, km, MD2.9, ISC 22 13:23:03.2 ± 1.5, 32.88N; 0.02; 35.75E; 0.08, h8km, 12km, n16, c1900/28, Dead Sea region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MAA0B Mount Meron ar, GEM Giv'at Ha'Em, MMLI Mount Malkishu, etc.

NEIC 22 13:34:48.8 ± 1.7, 37.59N; 0.03; 118.79W; 0.04, h7km, 6km, Error ellipse: s-maj=5.0km, s-min=4.0km, az=154.0

IASPEI 22 13:34:48.6 ± 1.0, 37.60N; 0.03; 118.79W; 0.03, h8km, 7km, Error ellipse: s-maj=4.9km, s-min=3.7km, az=69.7, G15 selection from ISC bulletin GT5 identified by Bond and McLaughlin (2009) selection criteria Bond and McLaughlin, A new ground truth data set for seismic studies, <is>Seism. Res. Let., </is> <80><80>, 465-472, 2009

NCEDC 22 13:34:48.8 ± 1.7, 37.60N; 0.03; 118.79W; 0.04, h7km, 6km, Mw3.7/5, ML3.7/25(REN), ML3.5/65(NEIC), Error ellipse: s-maj=5.0km, s-min=4.0km, az=152.0

ANF 22 13:34:48.5 ± 0.4, 37.58N; 118.79W, h6km, 5km, ML3.9/10, Error ellipse: s-maj=7.9km, s-min=5.2km, az=19.0

NEIC 22 13:34:49.3 ± 1.1, 37.60N; 0.02; 118.79W; 0.03, h1km, 10km, Error ellipse: s-maj=3.5km, s-min=2.4km, az=127.0

ISC 22 13:34:48.8 ± 0.9, 37.60N; 0.02; 118.78W; 0.02, h5km, 8km, n75, c094/84, California-Nevada border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MLAC Mammoth, MDRC Ridge, MRDM Red Cones, etc.

22d 14h

Table with columns: CWC, Cottonwood Cre, 1.29 154 P, Pn, 13 35 12.6 -0.9, etc. Lists various stations and their associated data.

2015 AUG

Table with columns: RUGZ, Tauwhareparea, 5.85 199 S, Pn, 13 46 33.7 -3.2, etc. Lists stations and their data.

IDC 22 13:47:05.1, 39.76N, 141.85E, h58km, 1km, M3.3, JMA Felt I.1, etc.

IDC 22 13:47:05.4, 1.2, 39.76N, 141.82E, h08, h55km, 7km, n25, 0.95N28, mb3.5, 3C-9D, Eastern Honshu

IDC 22 13:47:35.3, 3.0, 6.1, 13S, 150.02E, h29km, 20km, mb4.1/17, mb1.4/118, etc.

IDC 22 13:47:36.0, 0.4, 6.2, 0S, 150.19E, 0.04, h58km, 8km, mb4.5/28, Error ellipse: s-maj=11.0km s-min=5.8km

IDC 22 13:47:36.0, 0.4, 6.2, 0S, 150.19E, 0.04, h58km, n64, r146/65, mb4.3/25, MS3.7/6, New Britain region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, etc. Lists stations and their data.

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Table with columns: QSPA, South Pole Qui, 83.77 180 P, P, 14 00 02.1 +0.7, etc. Lists stations and their data.

JMA 22 13:57:05.1, 39.76N, 141.85E, h58km, 1km, M3.3, JMA Felt I.1, etc.

IDC 22 13:57:05.4, 1.2, 39.76N, 141.82E, h08, h55km, 7km, n25, 0.95N28, mb3.5, 3C-9D, Eastern Honshu

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, etc. Lists stations and their data.

SOME 22 14:26:59.2, 42.33N, 78.87E, h5km, NNC 22 14:27:00.1, 0.5, 42.40N, 78.93E, h0km, mb2.7, mpv2.6, Error ellipse: s-maj=3.6km s-min=1.4km az=157.0

KRNET 22 14:27:00.5, 0.1, 42.26N, 78.84E, h14km, mb2.3, ISC 22 14:26:58.2, 1.6, 42.27N, 0.05, 78.95E, 0.04, h1km, n11km, n32, r19/55, 12C-3D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, etc. Lists stations and their data.

IDC 22 13:44:06.4, 3.4, 32.34S, 179.88E, h246km, 36km, mb3.1/2, mb1.3/5.4, mb1mx3.2/30, mbtmp4.1/4, Error ellipse: s-maj=49.6km s-min=35.0km az=125.0

WEL 22 13:44:09.7, 0.9, 33.9S, 17.9W, 2.2, h134km, 33km, M4.7/14, mb5.37, ML4.8/8, MLv4.7/14, Mw(mb)4.8/7, Error ellipse: s-maj=0.0km s-min=0.0km az=110.2

ISC 22 13:44:04.1, 1.0, 32.65S, 008.179.6W, 0.2, h250km, n25, r251/35, South of Kermadec Islands

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, etc. Lists stations and their data.

Table with columns: CHNS, Tsauling, 1.73 266 P, Pn, 15 18 08.3 +1.5, etc. Lists various astronomical objects and their coordinates.

Table with columns: KURBB, Kurchatov Arra, 43.27 320 P, P, 15 25 36.0 -1.5, etc. Lists astronomical objects with detailed coordinates and names.

Table with columns: MT09, Talagante, 39.24 288 P, P, 15 49 47.7 -2.1, etc. Lists astronomical objects with coordinates and names.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like TDK, MDOK, MK31, MAKZ, TNS5, etc.

IDC 22 16:48:39.9, 0.6, 29.63N, 141.26E, h0km, mb4.1/18, mb1.4/2/21, mb1mx4.1/41, mbtmp4.0/21, ML3.4/3, Error ellipse: s-maj=20.2km s-min=14.6km az=75.0

NEIC 22 16:48:46.9, 2.0, 29.69N, 141.3E, 0.2, h50km, 8km, mb4.6/12, Error ellipse: s-maj=23.1km s-min=8.6km az=76.0

ISC 22 16:48:46.5, 29.64N, 141.23E, 0.09, h50km, n61, r1508/61, mb4.2/22, Southeast of Honshu

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JCJ, JHJ, JHT, MJAR, MAJO, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like NVAR, AKASO, NB2, NOA, etc.

NOU 22 16:49:10.5, 19.00S, 169.53E, h207km, ML3.9/11, Vanuatu Islands
IDC 22 16:49:10.3, 3.0, 18.89S, 169.33E, h209km, 32km, mb3.5/6, mb1.3/7, mb1mx3.4/27, mbtmp4.1/7, Error ellipse: s-maj=68.2km s-min=26.3km az=144.0

ISC 22 16:49:09.1, 1.1, 18.99S, 169.66E, 0.2, h200km, n19, r1549/20, mb3.8/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like RTV, LIFUNC, MARNC, etc.

NNC 22 17:21:13.9, 0.6, 46.29N, 79.94E, h9km, 6km, mb3.9, mpv3.7, Error ellipse: s-maj=5.8km s-min=2.9km az=143.0

SOME 22 17:21:14.2, 46.28N, 79.82E, h5km

ISC 22 17:21:14.8, 1.3, 46.26N, 0.03, h10km, 11km, n59, r1590/89, 17C-44, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KAPS, KAPAS, KAPB, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ZSN, KTBS, KUU, etc.

IDC 22 17:32:57.5, 1.9, 33.33N, 124.49E, h0km, mb3.6/4, mb1.8/4, mb1mx3.4/49, mbtmp3.6/4, MS3.0/2, MS1.3/0.2, s-min=27.3km az=63.0, Celebes Sea

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KAPI, LEM, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like G002, KAN10, KAN08, etc.

NOU 22 17:38:32.2, 17:34:5.178:27W, h514km, ML4.4/38, Fiji Islands Region

NEIC 22 17:38:4.2, 2.2, 17:55:0.1x:178:76W:0.3, h546km, 7km, mb4.6/49, Error ellipse: s-maj=15.9km s-min=3.5km az=179.0

ISC 22 17:38:39.1, 1.1, 17:61:5.178:78W, h558km, 9km, mb3.5/14, mb1 3.7/16, mb1mx3.4/39, mbtmp4.4/16, Error ellipse: s-maj=18.3km s-min=13.8km az=109.0

ISC 22 17:38:37.6, 0.4, 17:50:0.177:176W:0.107, h539km, n99, r145/106, mb4.5/38, Fiji Islands region

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

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

WEL 22 18:13:25.8, 0.5, 43:54.4, 17:8E, h33km, M3.9/43, ML4.0/43, MLV3.9/43, Error ellipse: s-maj=0.0km s-min=0.0km az=54.9, Off east coast of South Island

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

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

IDC 22 18:26:53.2, 1.1, 2:69S:140:58E, h0km, mb3.7/5, mb1 4.2/6, mb1mx3.8/28, mbtmp4.0/8, ML4.2/3, MS3.1/1, Ms1 3.1/1, ms1mx2.6/27, Error ellipse: s-maj=32.9km s-min=24.2km az=92.0

DJA 22 18:26:55.2, 0.5, 3:9.6, 141:1E, h10km, M4.8/8, mb4.4/8, M0VZ 6/1, ML4.4/9.5, Mkw(ML)3/9.7

NEIC 22 18:27:04.0, 1.6, 3:05S:0:1, 140:2E:0.1, h53km, 9km, mb4.2/12, Error ellipse: s-maj=23.1km s-min=12.0km az=49.0

ISC 22 18:26:58.8, 0.8, 2:76S:0:07, 140:45E:0.10, h35km, n37, r188/40, mb3.8/7, Near north coast of Irian Jaya

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

DDA 22 18:41:17.8, 35:74N:31:42E, h5km, 4km, ML1.9

ISC 22 18:41:20.8, 0.0, 35:70N:31:55E, h71km, 4km, ML2.3/9

ISC 22 18:41:20.2, 35:80N:31:54E, h5km, ML2.2/7

ISC 22 18:41:19.2, 1.3, 35:75N:0:04, 31:46E:0.03, h16km, 11km, n23, r14/35, Cyprus region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like KORT, BEYRE, SEVD, etc.

NEIC 22 18:42:34.6, 2.0, 7.8S, 0.1, 115.95E, 0.08, h263km, 7km, mb4.2/26, Error ellipse: s-maj=15.4km s-min=10.5km az=202.0

DJA 22 18:42:34.2, 0.3, 8.5, 4.11, 16E, h254km, 3km, M4.3/21, mb4.5/7, mb4.9/3, MLV4.2/21, Mw(mb)4.2/3

ICC 22 18:42:35.4, 1.5, 7.78S, 116.01E, h278km, 15km, mb3.4/12, mb1.3/14, mb1mx3.4/28, mbtmp4.1/14, Error ellipse: s-maj=18.1km s-min=8.7km az=58.0

ISC 22 18:42:33.0, 2.0, 4.7, 8.2S, 0.05, 116.00E, 0.05, h250km, n87, f=171/89, mb4.0/23, Bali Sea

Main station list table for the left column, including stations like KLNI, KHKI, KHKI, etc.

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

ICC 22 18:58:15.1, 2.1, 42.83N, 143.91E, h0km, mb3.6/5, mb1.3/7.6, mb1mx3.5/34, mbtmp3.6/6, ML2.4/1, Error ellipse: s-maj=49.7km s-min=26.7km az=130.0

MOS 22 18:58:19.3, 1.0, 42.61N, 143.89E, h53km, mb4.3/1, Error ellipse: s-maj=30.6km s-min=11.7km az=57.5

SKHL 22 18:58:21.8, 0.2, 42.60N, 144.10E, h73km, 2km, mb4.5/3, JMA 22 18:58:21.0, 0.1, 42.57N, 144.18E, h69km, 1km, M3.3

ISC 22 18:58:21.3, 0.9, 42.54N, 144.24E, 0.03, h64km, 7km, n41, f=98/96, mb3.7/5, 5C-7Z, Hokkaido region

Main station list table for the middle column, including stations like JOB, JOB, JOB, etc.

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

ICC 22 19:04:43.4, 2.5, 22.78S, 179.59E, h522km, 22km, mb3.0/2, mb1.3/2.4, mb1mx2.8/31, mbtmp4.0/4, Error ellipse: s-maj=42.2km s-min=28.0km az=135.0

ISC 22 19:04:44.2, 1.6, 23.05S, 179.22E, 0.3, h500km, n7, f=172/8, South of Fiji Islands

ISC 22 19:13:49.9, 1.0, 11.15S, 161.6E, 0.2, h28km, n8, f=163/10, mb3.6/6, Bougainille-Solomon Islands region

ISC 22 19:26:45.8, 2.2, 22.49S, 169.77E, h0km, mb3.6/2, mb1.3/8.3, mb1mx3.5/25, mbtmp3.5/3, ML3.2/1, Error ellipse: s-maj=99.3km s-min=31.7km az=167.0

NOU 22 19:27:01.3, 22.09S, 168.68E, h0km, ML3.3/8, New Caledonia

ISC 22 19:26:51.1, 1.6, 22.35S, 169.8E, 0.1, h35km, n14, f=82/15, Southeast of Loyalty Islands

Main station list table for the right column, including stations like HNR, HNR, HNR, etc.

BGR 22 19:31:53.4, 0.0, 22.41S, 176.36W, h33km, NOU 22 19:31:54.6, 2.1, 74S, 177.50W, h407km, ML4.2/29, Fiji Islands Region

NEIC 22 19:31:55.4, 1.5, 21.81S, 0.1, 178.0W, 0.1, h371km, 5km, mb4.5/7.9, Error ellipse: s-maj=14.7km s-min=13.9km az=51.0

ICC 22 19:31:58.1, 5.1, 21.68S, 178.15W, h396km, 13km, mb4.0/16, mb1.4/2.18, mb1mx4.1/26, mbtmp4.8/18, Error ellipse: s-maj=16.8km s-min=10.6km az=143.0

ISC 22 19:31:57.6, 0.3, 21.74S, 0.06, 178.04W, 0.06, h400km, n266, f=193/268, mb4.5/7.0, 21C-13D, Fiji Islands region

Main station list table for the right column, including stations like MSVF, MSVF, MSVF, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like TASMANIA UNIVE, PATS POHNPEI, STKA STEPHENS CREEK, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like U15A NORTH RIM, GSI GUNUNGSILOI, KHON KHOKKAN, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like MORC MORAVSKY BEROU, MORC MORAVSKY BEROU, BRG BERGISSHUBEL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Rows include stations like KPRO, KVLA, NEST, etc.

IDC 22:23:18-49.7±1.0, 61.49N±147.13W, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.5/45, mbtmp3.6/6, ML3.6/1, Error ellipse: s-maj=28.4km s-min=12.0km az=92.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Rows include stations like GLI, KNK, JPK, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Rows include stations like SCM, VMT, PML, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Rows include stations like CROM, SPCG, RND, etc.

23d 1h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ELAR Eielson Array, COLA College, WRA Warramunga Arr, etc.

HEL 22 23:29:05.01, 67.83N-20.21E, h0km, ML1.5, ML1.4(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KUA Kurraavaara, RATU Laulkulupsa, etc.

UPP 22 23:00.1-0.3, 67.85N-20.18E, h1km, 5km, ML1.5, Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KUA Kurraavaara, RATU Laulkulupsa, etc.

IDC 22 23:50:28.8-1.3, 33.64S-179.71W, h0km, mb3.5/2, s-maj=380.5km s-min=67.5km az=163.0, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KUA Kurraavaara, RATU Laulkulupsa, etc.

2015 AUG

ASAR Alice Springs 41.61 271 P P 23 58 18.8 0.0
WRA Warramunga Arr 42.89 277 P P 23 58 28.9 -0.3
FINES FINESS Array B 147.62 337 PKPbc PKPbc 00 10 13.6 -0.7

KMA 23 00:19:49.7-0.9, 36.38N-129.78E, h19km, 5km, Error ellipse: s-maj=9.2km s-min=2.5km az=97.0
JMA 23 00:19:49.0-0.1, 36.39N-129.89E, h25km, M2.7
ISC 23 00:19:48.8-1.3, 36.38N-129.80E, h15km, 12km, n22, c0f32/33, South Korea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KSVOD Yeongdeok, KSPHA Pohang, KSUSN Ulsan, etc.

NEIC 23 00:43:54.6-1.4, 46.7N, 0.1, 152.8E, 0.2, h48km, 10km, mb4.2/6, Error ellipse: s-maj=23.9km s-min=12.3km az=149.0

IDC 23 00:43:59.4-2.9, 46.90N-152.67E, h88km, 24km, mb3.5/8, mb1 3.7/13, mb1mx3.4/50, mbtmp3.8/13, Error ellipse: s-maj=35.7km s-min=2.1km az=158.0

ISC 23 00:43:53.6-1.0, 46.71N, 0.1, 152.8E, 0.1, h40km, n38, c1f39/0, mb3.9/10, Kurl Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PEAOB Petropavlovsk, PETK Petropavlovsk, etc.

NEIC 23 01:07:00.8-2.2, 14.51N, 0.09, 92.65W, 0.04, h67km, 9km, Error ellipse: s-maj=13.7km s-min=5.1km az=88.0

MEX 23 01:07:02.0-1.3, 14.42N, 92.50W, h83km, 16km, MD4.2
ISC 23 01:06:58.9-1.3, 14.42N, 92.58W, 0.04, h62km, n22, c1f98/33, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like THIG Thinh, RTAL Retailhuleu, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TGIG Tuguefue, CMIG Matias Romero, etc.

NOU 23 01:23:53.4, 38.59S-175.77E, h187km, ML3.6/5, North Island, New Zealand

WEL 23 01:24:00.7, 39.5S-17.6E, h124km, 9km, M2.9/79, ML2.4/30, MLv2.9/79, Error ellipse: s-maj=0.0km s-min=0.0km az=98.3, North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RATZ Rangitukia, WATZ Wairara, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Huatulco, Oaxaca, Vista Hermosa, Puerto Angel, etc.

ISK 23 01:57:18.9, 37.54N, 35.72E, h2km, ML4.0/24
IDC 23 01:57:19.8, 1.0, 37.53N, 35.75E, h0km, mb3.4/5
mb1 3.5/13, mb1mx3.4/53, mbtmp3.4/13, ML3.4/8, MS2.7/4,
Ms1 2.7/4, ms1mx2.4/38, Error ellipse: s-maj=19.0km
s-min=10.7km az=70.0

DDA 23 01:57:20.2, 37.50N, 35.69E, h10km, MW4.0
ISC 23 01:57:20.1, 1.3751N, 0.02-35.71E, 0.01, h4km, Bkm,
n108, r121/149, mb3.5/5, 16C-8D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Adana, Ceyhan, Andrin, Adnan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YESY, Tesikylli, KIZK, Mersin, KIZK, Gurin, etc.

BUI 23 02:08:41.9, 0.0, 38.74N, 141.83E, h90km, m75km/9/15,
mb4.6/29
NEIC 23 02:08:43.5, 1.9, 38.82N, 0.05, 141.7E, 0.1, h7km, 7km,
mb4.6/24, Error ellipse: s-maj=13.3km s-min=7.3km
IDC 23 02:08:43.7, 0.5, 38.82N, 141.54E, h72km, 3km, mb3.9/20,
mb2 0.4, 1/27, mb1mx3.9/50, mbtmp4.2/27, MS3.7/3,
Ms1 3.3/7, ms1mx2.9/38, Error ellipse: s-maj=12.9km
s-min=9.5km az=102.0
JMA 23 02:08:44.0, 38.82N, 141.59E, h74km, 1km, M4.3
Broadband fault plane solution: P waves. NP1:
0.136, 0.00000, 0.39, 0.00000, 1.136, 0.00000. NP2:
0.262, 0.00000, 0.64, 0.00000, 1.60, 0.00000. Principal axes: T
Plg59.0000, Azm128.0000, N Plg27.0000,
Azm277.0000; P Plg14.0000, Azm14.0000;
JMA Fault III
NIED 23 02:08:44.0, 38.82N, 141.59E, h74km, MW4.2, Moment
Tensor solution. s3 Moment tensor: Scale 10^15Nm;
Mn:1.29; Ms:1.72; M0:4.3; M1:1.05; M0:5.2; M1:1.34;
Fault plane solution: M2.310000x10^15 Nm;
0.248, 0.00000, 0.69, 0.00000, 1.54, 0.00000. NP2:
0.131, 0.00000, 0.41, 0.00000, 1.47, 0.00000.
ISC 23 02:08:43.3, 0.5, 38.79N, 141.73E, 0.05, h74km, 3km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kesennumototy, Ofunato, Ichinoseki, Ouri, etc.

KTK1	Kautokoineo	2.10 26	eP	Pn	03 43 10.8 +1.2
FAUS	Fauske	2.12 279	eP	Sb	03 43 11.1 +1.2
FAUS		03 43 40.0 +0.8	eS	Sb	
FAUS		03 43 42.9	IAML		
comp=Z,98nm,0.7s					
RNF	Rovaniemi	2.16 102	eP	Pn	03 43 11.7 +1.4
N2NF	Nordfold	2.21 289	eP	Sb	03 43 12.1 +1.2
N2NF		03 43 42.2 +0.6	eS	Sb	
N2NF		03 43 45.1	IAML		
comp=Z,51nm,0.4s					
STEI	Steigen	2.25 293	eP	Pn	03 43 12.0 +0.5
STEI		03 43 43.0 +0.2	eS	Sb	
STEI		03 43 47.6	IAML		
comp=Z,39nm,0.5s					
STEI	Steigen	2.25 293	ePB	Pn	03 43 12.4 +0.9
STEI		03 43 43.2 +0.4	eSg	Sb	
SGF	Sodankyl	2.28 80	eP	Sb	03 43 12.5 +0.5
SGF		03 43 42.5 -1.1	eSB	Sb	
SGF		03 43 46.6	MSG		
comp=Z,23nm,0.2s					
NBB08	Skaug oppvekst	2.37 279	eP	Pn	03 43 14.0 +0.8
NBB08	Skaug oppvekst	2.37 279	eSg	Sb	03 43 48.1 +1.6
JETT	Jettan, Norway	2.43 357	Pn	Pn	03 43 14.6 +0.5
JETT		03 43 44.5 0.0	Sn	Sb	
JETT		03 43 48.4 +0.2	eSg	Sb	
TRO	Tromso	2.59 346	eP	Pn	03 43 17.1 +0.9
TRO		03 43 49.9 +1.6	eS	Sb	
TRO		03 43 54.5	IAML		
comp=Z,44nm,0.8s					
TRO	Tromso	2.59 346	eP	Pn	03 43 17.1 +0.9
NBB05	Indry	2.62 271	eP	Sb	03 43 17.3 +0.7
NBB05	Indry	2.62 271	eSg	Sb	03 43 55.3 +1.8
NBB05		03 44 01.5	IAML		
comp=Z,39nm,0.4s					
NBB17	Glomfjord Bvr	2.68 266	eP	Pn	03 43 20.0 +2.6
MOR8	Mol Rana	2.68 252	eP	Pn	03 43 17.8 +0.3
MOR8		03 43 52.1 +1.5	eS	Sb	
MOR8		03 43 58.7	IAML		
comp=Z,43nm,0.5s					
NBB30	Finnes	2.74 270	eP	Pn	03 43 19.2 +0.9
NBB15	Halsa Church	2.84 265	eP	Pn	03 43 21.0 +1.4
LOF	Loften	2.92 293	eP	Pn	03 43 20.3 -0.4
NBB13	Alf Garage	2.96 263	eP	Pn	03 43 22.4 +1.1
ARAO	ARCESS Array S	2.99 34	Pn	Pn	03 43 22.1 +0.3
ARAO		baz=210,slow=16		Sb	03 43 58.1 -0.2
ARAO		baz=218,slow=22		Sb	03 43 22.1 +0.3
ARAO		baz=210,slow=16		Sb	03 43 58.1 -0.2
ARAO		baz=218,slow=22		Sb	03 43 22.2 +0.5
ARCES	ARCESS Array B	2.99 34	Pn	Pn	03 44 02.1
ARCES		baz=215,slow=11,SNR=116		Lg	
ARCES		baz=220,slow=23,SNR=12		Lg	
N2SV	S rnygen	3.06 288	e	Pb	03 43 28.8 +0.5
KONS	Konsvik	3.07 261	eP	Pb	03 43 23.8 +1.0
NBB40	Tonnes	3.11 262	eP	Pb	03 43 24.4 +1.0
NBB40		03 44 12.5 -0.5	eSg	Sg	
STOK	Stokkvaagen	3.16 259	eP	Pn	03 43 25.4 +1.3
UMAU	Umeaa	3.27 180	eP	Pn	03 43 27.3 +1.7
KEV	Kevo	3.50 39	eP	Pn	03 43 29.2 +0.4
KEV		03 44 11.1 +0.3	eS	Sb	
KEV	Kevo	3.50 39	eP	Pn	03 43 28.4 -0.4
HAMF	Hammerfest	3.68 16	eP	Pn	03 43 33.0 +1.8
NSS	Namsos	4.45 238	eP	Pn	03 43 22.2 -0.2
APA0	Apatity Array	4.77 79	Pn	Pn	03 43 45.4 -0.7
APA0		baz=270,slow=14		Sb	03 44 41.1 -0.8
APA0		baz=264,slow=28		Lg	03 44 58.1
APA0		baz=270,slow=18		Lg	03 43 45.4 -0.7
APA0		baz=270,slow=14		Sb	03 44 41.1 -0.8
APA0		baz=264,slow=28		Sb	03 44 07.0 +1.6
FIA0	FINESS Array S	6.18 155	Pn	Pn	03 45 16.2 -0.4
FIA0		baz=347,slow=14		Sb	03 45 45.4
FIA0		baz=346,slow=28		Lg	03 44 07.0 +1.6
FIA0		baz=339,slow=37		Lg	03 45 16.2 -0.4
FIA0		baz=347,slow=14		Pn	03 44 07.0 +1.6
FIA0		baz=346,slow=28		Sb	03 45 16.2 -0.4
FIA0		baz=339,slow=37		Sg	03 45 45.4 -5.9
FINES	FINESS Array B	6.18 155	Pn	Pn	03 44 07.3 +1.9
FINES		comp=Z,0.5nm,0.3s,baz=345,slow=12,SNR=38		Sb	03 45 16.3 -0.4
FINES		comp=Z,1.0nm,0.3s,baz=349,slow=23,SNR=10		Lg	03 45 45.9
FINES		comp=Z,2.5nm,0.3s,baz=344,slow=35,SNR=16		Lg	03 44 20.0 +0.5
NC303	NORSAR Array S	7.20 219	eP	Pn	03 44 22.5 +1.4
NC204	NORSAR Array S	7.31 221	eP	Pn	03 45 41.3 -3.3
NC204		03 45 46.8	eS	Sb	
NC204			IAML		
comp=Z,3.0nm,0.6s					
NB2	NORSAR Subarra	7.40 219	Pn	Pn	03 44 22.7 +0.5
NB2		baz=31,slow=14		Sb	03 45 44.8 -1.9
NB2		baz=34,slow=28		Lg	03 46 23.5
NB2		baz=30,slow=37		Lg	03 44 22.7 +0.5
NB2		baz=31,slow=14		Pn	03 45 44.8 -1.9
NB2		baz=34,slow=28		Sb	03 44 22.8 +0.5
NOA	NORSAR Array B	7.40 219	Pn	Pn	03 44 22.8 +0.5
NOA		comp=Z,0.0nm,0.3s,baz=27,slow=11,SNR=15		Sb	03 45 43.0 -3.8
NOA		comp=Z,0.1nm,0.3s,baz=40,slow=21,SNR=6.5		Lg	03 46 24.1
NOA		comp=Z,0.1nm,0.3s,baz=133,slow=19,SNR=6.1		Lg	03 44 25.6 +0.8
NC602	NORSAR Array S	7.58 216	eP	Pn	03 44 25.3 +0.5
NRA0	NORESS Array S	7.58 216	Pn	Pn	03 45 47.8 -3.6
NRA0		baz=22,slow=14		Sb	03 44 25.3 +0.5
NRA0		baz=28,slow=28		Sb	03 45 47.8 -3.6
NRA0		baz=22,slow=14		Pn	03 44 25.8 +0.2
NRA0		baz=22,slow=14		Sb	03 44 26.2 -0.1
NAO01	NORSAR Array S	7.65 219	eP	Pn	03 44 25.8 +0.2
HFS	Hagfors	7.69 207	Pn	Pn	03 44 26.2 -0.1
HFS		comp=Z,0.3nm,0.3s,baz=22,slow=13,SNR=29		Sb	03 45 51.4 -2.6
HFS		comp=Z,0.8nm,0.3s,baz=19,slow=24,SNR=9.0		Lg	03 46 31.2
HFS		comp=Z,0.4nm,0.3s,baz=18,slow=28,SNR=2.9		Lg	03 46 33.5 +1.1
AKASG	Malin Array Be	17.03 161	P	P	03 46 33.5 +1.1
AKASG		comp=Z,0.4nm,0.3s,baz=346,slow=11,SNR=5.6		Lg	

KST	Kastek	5.67 342	Pg	Pg	03 46 18.5 -4.1
KST		11nm,0.4s		Lg	03 47 38.2
PDGK	Pedgornyoye	5.73 9	||Pn	Pn	03 46 01.0 +1.8
PDGK		23nm,0.8s		||Pg	03 46 20.8 -2.9
PDGK		6.3nm,0.6s		||Lg	03 47 37.6
AAK	Ala-Archa	5.78 331	||Pg	Pb	03 46 17.1 +2.3
AAK		50nm,1.0s		Lg	03 47 34.6
DGS	Degeres	5.91 342	Pg	Pb	03 46 20.3 +3.2
DGS		38nm,0.8s		Lg	03 47 41.9
DGS		18nm,0.7s		Pb	03 46 24.5 +2.9
KTBS	Karatobe	6.17 349	Pg	Pg	03 46 24.5 +2.9
KTBS		24nm,0.9s		Lg	03 47 49.4
KTBS		5.5nm,0.5s		Lg	03 46 27.7 +2.2
MRKS	Merke	6.41 324	Pg	Pb	03 47 53.9
MRKS		3.6nm,0.5s		Lg	03 46 30.4 +2.2
MRKS		5.4nm,0.6s		Lg	03 47 60.0
ARXS	Arhary	6.56 357	Pg	Pb	03 47 02.4 +8.6
ARXS		23nm,0.6s		Lg	03 48 53.3
ARXS		16nm,0.4s		Pb	03 46 53.3 +1.3
KK31	Karatay Array	8.07 315	||Pg	Pg	03 48 39.8 0.0
KK31		1.0nm,0.5s,baz=125,slow=16,SNR=4.7		||Lg	
KK31		3.8nm,0.7s,baz=122,slow=30		Pn	03 48 53.5 +1.6
MK31	Makanchi Array	9.59 17	Pn	Pn	03 48 38.8 -0.9
MK31		1.9nm,0.5s,baz=197,slow=13,SNR=5.0		||Sn	
MK31		2.4nm,0.6s,baz=84,slow=23,SNR=4.8		Pn	03 51 06.1
MKAR	Makanchi Array	9.59 17	Pn	Pn	03 48 24.4 +1.2
MKAR		1.1nm,0.3s,baz=197,slow=13,SNR=4.9		Sb	03 48 31.0 +0.7
MKAR		0.6nm,0.3s,baz=196,slow=21,SNR=2.4		LR	03 56 12.1
MKAR		comp=Z,7.6nm,18.4s,baz=111,slow=41		LR	03 48 24.4 +1.2
BVAR	Borovoye Array	16.33 343	Pn	Pn	03 48 24.4 +1.2
BVAR		0.6nm,0.3s,baz=185,slow=16,SNR=9.6		Pn	03 48 31.0 +0.7
ZALV	Zalesovo Beam	16.90 13	Pn	LR	03 56 12.1
ZALV		0.3nm,0.3s,baz=204,slow=11,SNR=5.7		LR	
SONM	Songino Array	22.87 55	P	P	03 49 37.9 +0.4
SONM		1.2nm,0.7s,baz=246,slow=9.6,SNR=7.7		P	03 52 06.7 -1.0
FINES	FINESS Array B	39.91 324	P	P	03 53 03.7 -1.5
FINES		1.6nm,0.6s,baz=111,slow=9.2,SNR=13		P	04 12 34.5
NOA	NORSAR Array B	47.02 320	LR	LR	04 12 34.5
NOA		0.4nm,0.5s,baz=88,slow=7.8,SNR=3.2		LR	
ILAR	Eielson Array	71.94 19	P	P	03 55 56.0 -1.1
ILAR		comp=Z,20nm,19.4s,baz=300,slow=36		P	
ILAR		0.6nm,0.7s,baz=330,slow=5.7,SNR=5.4		P	

TAP 23 03:53:01.3,23.72N:-121.39E,h26km,ML3.8,21C-7D,B,

Taiwan									
Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC
EGFH	Guangfu	0.07	147	||P	Pb	03	53	05.6	-0.2
EGFH					Sb	03	53	08.6	-0.3
ESL	Shilin	0.10	25	||P	Pb	03	53	06.0	-0.1
ESL					Sb	03	53	09.1	-0.2
TEGC	Jichi Village	0.14	96	eP	Pb	03	53	06.8	+0.4
TEGC					eS	03	53	11.2	+1.4
EHY	Hungye	0.23	196	||P	Pb	03	53	06.9	-0.5
EHY					Sb	03	53	11.9	+0.4
HGSD	Ruisui	0.23	172	||P	Pb	03	53	07.6	+0.2
HGSD					eS	03	53	12.4	+0.7
TEYL	Yanliu Villag	0.24	53	eP	Pb	03	53	07.9	+0.4
ETM	Tongmen	0.26	22	P	Pb	03	53	07.6	-0.2
ETM					Sb	03	53	12.3	0.0
OWD	Renai	0.30	320	||P	Sb	03	53	08.7	+0.2
OWD					Sb	03	53	13.1	-0.4
HWA	Hwallen	0.32	38	/P	Pb	03	53	08.9	+0.3
HWA					eS	03	53	14.4	+0.7
YULB	Yu-Ii	0.34	194	||P	Pb	03	53	08.2	-0.8
YULB					eS	03	53	14.3	+0.1
TWF1	Yuli	0.38	193	||P	Pb	03	53	08.8	-0.8
TWF1					eS	03	53	15.3	+0.1
CHGB	Renai	0.39	330	||P	Pb	03	53	10.2	+0.3
CHGB					Sb	03	53	15.7	0.0
TWD	Chiawan	0.40	28	||P	Pb	03	53	09.6	-0.4
TWD					eS	03	53	15.6	-0.3
SSLB	Suanguang	0.40	279	||P	Pb	03	53	10.0	0.0
SSLB					eS	03	53	16.2	+0.3
ECBN	Changbin	0.41	172	P	Pb	03	53	10.1	0.0
ECBN					eS	03	53	17.3	-1.0
WHF	Hehuan Shan	0.43	345	P	Pb	03	53	10.8	+0.1
WHF					Sb	03	53	17.1	-0.1
YUS	Yu-Shan	0.46	240	||P	Pb	03	53	11.7	+0.4
YUS					Sb	03	53	18.1	+0.1
SMLT	Sun Moon Lake	0.47	290	||P	Pb	03	53	11.4	+0.2
SMLT					Sb	03	53	18.6	+0.7
ETL	Fush Village	0.48	26	P	Pb	03	53	10.8	-0.8
ETL					eS	03	53	17.3	-0.5
NACB	Ninganchiao	0.49	23	||P	Pb	03	53	10.6	-0.7
NACB					eS	03	53	17.0	-1.2
ETLH	Xiulin Townshi	0.49	10	||P	Pb	03	53	11.0	-0.4
ETLH					Sb	03	53	17.7	-0.6
WPL	Puli Township	0.49	306	||P	Pb	03	53	11.6	+0.3
WPL					Sb	03	53	18.3	+0.2
WHYT	Xinyi Township	0.49	267						

23d 4h

Table with columns for call sign, name, frequency, power, mode, and other details. Includes stations like WVT Waverly, MNTX Cornudas Mount, AOPR Arecibo Observ, etc.

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Table with columns for call sign, name, frequency, power, mode, and other details. Includes stations like P38A Dawn, P48A Milroy, TUC Tucson, etc.

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Table with columns for call sign, name, frequency, power, mode, and other details. Includes stations like SWSC Sam W. Stewart, RMX La Rumorosa, W13A Hualapal Mount, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like Carthage, Topopah Spring, TPNV, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like RLMT, RLMT, YMP, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like L04D, J05D, KHMH, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like GUNZ, WERN, CLL, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PETK, SRO, SRO, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like XAN, UOSS, NIL, etc.

DC 23 05:04:02.0, 6, 36, 62N, 140, 96E, h0km, mb3.9/16, mb1.4/1.18, mb1mx3.9/54, mbtmp3.9/18, ML3.4/2, MS2.8/1, M1 2.8/1, ms1mx2.6/44 Error ellipse: s-maj=19.8km s-min=16.2km az=89.0

JMA 23 05:04:04.7, 36, 64N, 141, 05E, h29km, 1km, M3.9, Fall 1/1

NIED 23 05:04:04.7, 36, 64N, 141, 05E, h29km, MW3.8, Moment Tensor solution, s3 Moment tensor: Scale 10^14Nm, M1: -4.69; M2: 0.18; M3: 4.50; M4: -1.08; M5: 1.62; M6: -1.29; Fault plane solution: Ms5.1500x10^14, NP1: 26.00000, 554.00000, lambda: -81.00000, NP2: 60.1910000, 637.00000, lambda: -102.00000

NEIC 23 05:04:08.1, 1, 8, 36, 66N, 0, 06, 140, 98E, 0, 09, h38km, 7km, mb4.4/1.1 Error ellipse: s-maj=11.8km s-min=6.4km az=121.0

ISC 23 05:04:05.0, 1, 0, 36, 66N, 0, 03, 141, 09E, 0, 05, h20km, 4km, n73, e11177, mb4.1/24, Near east coast of eastern

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like JHO, JHO, ONAJ, etc.

23d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes RA01 Raoul Island, RA02 Raoul Island, CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, SIJI Sorong, AKASG Malin Array Be.

IDC 23 07:02:16.6:3.5, 4.40s, 153.21E, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.5/27, mbtmp3.6/2, Error ellipse: s-maj=167.4km s-min=46.9km az=121.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar. Bea.

NEIC 23 07:04:12.5:0.8, 3.1'32N, 0'02.103'14W, 0'04, h5km, 2km, mb_Lg2.7/31, Error ellipse: s-maj=6.1km s-min=3.6km az=64.0, Western Texas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes MINTX Cornudas Mount, TX31 Lajitas Ar. Si, TX32 Lajitas Array, TXAR Lajitas Array, AMTX Amarillo, BNM Barren Site, W22D IRIS PASSCAL I, ANMO Albuquerque, WHTX Lake Whitney, HP1G Wichita Mounta, Z35A Percharven, San, X34A Smith Ranch, M, LOOK Love County, T25A Trinidad, U32A Winter Ranch, U32A Winter Ranch, OK025 Westminster Rd, OK029 Liberty Lake, W18A Petrified Fore, X37A Clayton, KSCO Kaye Shedlock, MIAR Mount Ida, W39A Magazine, U38A Gravette.

INET 23 07:07:59.8, 12.64N, 87.11W, h15km, MW4.0, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes LCND La Caada, ALJI Alcaldia de J, COEB Comit de Eme, PQSS Presa 15 de Se, TECO Alcaldia de Te, COEG Centro de Oper, PAVA Las Pavas, SJTE Alcaldia de S.

INET 23 07:17:45.3, 12.70N, 90.37W, h15km, MW3.4, GCG 23 07:17:50.0:0.3, 13.05N, 90.93W, h15km, MD3.9

SINET 23 07:17:50.8:1.5, 12.81N, 90.45W, h15km, 7km, ML3.2, IDC 23 07:17:51.9:14.0, 13.43N, 89.70W, h0km, mb3.5/3, mb1 3.9/3, mb1mx3.5/26, mbtmp3.6/3, Error ellipse: s-maj=291.8km s-min=50.8km az=179.0

ISC 23 07:17:50.8:2.9, 12.93N, 0.1, 90.40W, 0.06, h7km, 13km, n23, c=1504/34, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes SBLS San Blas, RTR El Retiro, SLOZ Alcaldia de Sa, BOQS Boqueron, SNET Serv Nac Est T, UEES Universidad Ev, LFRS El Faro, SJTE Alcaldia de S, LBRS Las Brisas, FUG Fuego 3, PAVA Las Pavas, COEG Centro de Oper, TECO Alcaldia de Te, NBG Las Nubes.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes MTO3 Montecristo, COEB Comit de Eme, PQSS Presa 15 de Se, TECA Tecapa, MRL Marmol, LCND La Caada, TXAR Lajitas Array, NVAR Mina Array Bea, SCHC Schefferville.

TUL 23 07:18:35.8:0.9, 36.934N, 0'10:0.97'68W, 0'01, h3km, 7km, ML2.6, mb_Lg2.5/36(NEIC), Error ellipse: s-maj=1.8km s-min=0.7km az=136.0

NEIC 23 07:18:36.2:0.8, 36.932N, 0'01:09'67W, 0'01, h4km, 7km, Error ellipse: s-maj=1.6km s-min=1.5km az=49.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes KAN17 Caldwell West, GCO2 Grant County #, KAN13 South Haven SW, KAN05 Bluff City Nor, KS20 Mayfield South, KAN08 Anthony NE Sta, KAN10 Anthony SW Sta, BLOK Blackwell, OK032 Salt Plains WL, KAN12 Harper NE Stat, CROK Carrier, T30A Sooner Cattle, QUES Quay, OK029 Liberty Lake, OK031 Brethren Rd, U32A Winter Ranch, OK025 Westminster Rd, OKCFA Oklahoma City, OKCSW OKLAHOMA CITY, R32A Low Quarter, X34A Smith Ranch, KSU1 Kansas State U, WMOK Wichita Mounta, U38A Gravette, X37A Clayton, S39A Bolivar, W39A Magazine, AMTX Amarillo, MIAR Mount Ida, P38A Dawn, R40A Maddies Statio, FCAR Ozark Folk Cen, X40A Basin Creek Fa, WHAR Woolly Hollow, WHTX Lake Whitney, L34A Svendens Farm, N38A Jones South For, LCAR Lake Charles, PBMO Poplar Bluff, JCT Junction City, T47A Sharon Grove.

SSNC 23 07:28:15.7:1.5, 19.51N, 78.65W, h6km, 10km, MD3.8, ML3.0, MW3.4, IDC 23 07:28:18.9:12.0, 17.37N, 80.16W, h0km, mb2.8/1, mb1 3.3/1, mb1mx3.0/44, mbtmp2.8/1, Error ellipse: s-maj=726.8km s-min=67.8km az=50.0

ISC 23 07:28:14.3:1.0, 19.50N, 0.06, 78.65W, 0.04, h10km, n13, c=2524/21, Cuba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes LMGC Las Mercedes, LMGC, MTJD Mount Denham, CCCC Cccc, FSCY Frank Sound, G, RCC Rio Carpinter, MGCV Manicaragua, MGCV, GTMO Guantanamo, GTMO, MASCC Masc, SOR Soroa, TXAR Lajitas Array, WRA Warramunga Arr, ASAR Alice Springs.

INET 23 07:44:06.1, 12.659N, 87.08W, h15km, MW3.9, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes TGUH Tegucigalpa, Un, TGUH Tegucigalpa, Un, TGUH Tegucigalpa, Un.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes ALJI Alcaldia de J, COEB Comit de Eme, COEB Comit de Eme, PAVA Las Pavas, SJTE Alcaldia de S.

UCR 23 07:43:47.5:2.1, 11.58N, 85.83W, h0km, 545km

INET 23 07:44:25.8, 12.73N, 87.03W, h10km, MW3.5, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes TGUH Tegucigalpa, Un, ALJI Alcaldia de J, ALJI Alcaldia de J, COEB Comit de Eme, TECO Alcaldia de Te, SJTE Alcaldia de S.

INET 23 07:46:19.5, 12.76N, 87.06W, h15km, MW3.6, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes LCND La Caada, ALJI Alcaldia de J, COEB Comit de Eme, PQSS Presa 15 de Se, TECO Alcaldia de Te, COEG Centro de Oper, SJTE Alcaldia de S.

IDC 23 08:10:10.7:1.3, 0.91N, 123.95E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/41, mbtmp3.7/4, Error ellipse: s-maj=172.5km s-min=21.5km az=64.0, Minahasa Peninsula, Sulawesi

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

IDC 23 08:14:08.9:5.1, 24.34N, 94.09E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/45, mbtmp3.3/3, MS3.5/1, Ms1 3.5/1, ms1mx2.6/27, Error ellipse: s-maj=437.5km s-min=29.6km az=60.0, Myanmar-india border region

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

IDC 23 08:14:38.6:4.1, 5.33'97N, 136.57E, h396km, 21km, mb2.8/3, mb1 2.9/5, mb1mx2.6/42, mbtmp3.5/5, Error ellipse: s-maj=44.0km s-min=21.7km az=63.0

JMA 23 08:14:39.3:0.2, 33.94N, 136.33E, h380km, 2km, M2.5, ISC 23 08:14:38.4:1.0, 33.9N, 0.1, 136.37E, 0.09, h400km, n18, c=1941/19, mb2.8/3, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes JKN2 Miekihoku, TON1 TONANKAI O.B.S, JIE Ise, JNTC Tanabenahech, JWY Kouya, TK02 Tokai 2, JAI Aioi, JMN Monobe, JOD2 Odawara 2, JHS Saijyo, JRY Ryogasaki san, MJAR Matsushiro Arr, JTO Tosashimizu, JNA Nagahama, KRSR Korea Array, MKAR Makanchi Array, WRA Warramunga Arr, FINES Finest Array B.

INET 23 08:25:16.6, 12.73N, 87.06W, h17km, MW3.6, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes NNC 23 08:32:06.4:0.4, 42.94N, 72.81E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=8.4km s-min=2.6km az=171.0, SOME 23 08:32:07.1, 42.88N, 72.83E, h15km, KRNET 23 08:32:07.0:0.1, 42.83N, 72.93E, h21km, mb2.5, ISC 23 08:32:06.8:1.1, 42.86N, 0.03, 72.85E, 0.02, h95km, n10km, n38, c=098/66, 12C-16D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes MNAS Manas, EKS2 Erkin-Say, AML Almayashu, AAK Ala-Archa, AAK, USP Oshpovka, CHMS Chumysh, CHMS, SGDS Sagindy, ARLS Aral, ARLS, KBK Karagaybulak, KBK.

Table with columns: KK31, Karatay Array, 1.73 279 P, Pb, 08 32 37.9 -0.9, 1.0nm,0.3s,baz=94,slow=14,SNR=51

IDC 23 08:38:39.6±2.0,0.93S,133.31E,h0km,mb3.8/3, mb1.4/0.5,mb1mx3.7/34,mbtmp3.9/5,ML4.0/2,MS3.4/1, Ms1.3/3.1,ms1mx2.7/31,Error ellipse: s-maj=37.5km s-min=17.4km az=62.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SJUI Sorong, 2.11 271 Pn, 08 39 15.2 -1.1

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IDC 23 08:43:46.3±0.8,6.81N,73.06W,h151km,12km,mb3.6/2, mb1.3/7.4,mb1mx3.0/38,mbtmp4.0/4,Error ellipse: s-maj=45.5km s-min=7.6km az=131.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, BARC Barichara, 0.21 203 Op, 08 44 27.5 +0.2

23d 9h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, NIKH Nikolski High, 0.84 26 Sg, 08 53 51.5 +0.7

IDC 23 09:02:06.0±0.4,27.75N,86.15E,h0km,mb4.8/3,3, mb1.4/9/36,mb1mx4.8/42,mbtmp4.8/36,ML4.5/2,MS3.7/21, Ms1.3/7.21,ms1mx3.6/45,Error ellipse: s-maj=11.5km s-min=10.3km az=34.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, JIRN Jiri, 0.14 129 Op, 09 02 07.6 +0.1

USRK	comp-Z,4.0nm,0.6s,baz=264,slow=8.3,SNR=9.2	40.08	53	P	P	09 09 38.5	-1.4
VRH	Novokhopovsk	40.64	318	eP	pmax	09 09 44.4	0.0
KLR	Kul'dur	40.92	46cP	pmax	pmax	09 09 45.8	-0.9
JMN	Monobe	41.24	70	P	IAMB	09 09 48.8	-0.8
KPJ	Karang Pucung	41.30	144	P	P	09 09 51.6	+1.4
NRK	Noril'sk	41.63	1	P	P	09 09 53.0	+0.8
NRK	Noril'sk	41.63	1cEP	pmax	pmax	09 09 52.8	+0.5
NRK	Noril'sk	41.63	1	P	IAMB	09 09 52.5	+0.2
GAZ	Gaziantep	41.89	296	P	IAMB	09 09 54.7	-0.3
VORD	Divnogorie	42.04	317	eP	pmax	09 09 55.1	-0.8
ANN	Anapa	42.08	307	eS	pmax	09 09 56.0	-0.3
LPSR	Galich'ya Gora	42.71	319	eP	pmax	09 10 01.1	-0.2
SJ	Sawahin	43.16	141	P	P	09 10 07.1	+1.7
MRSI	Marisa	43.79	122	P	P	09 10 13.2	+2.7
GRNR	Gornyy	44.20	45	eP	MLR	09 10 12.9	-0.6
GRNR	comp-E,130nm,17.0s			MLR	MLR		
GRNR	comp-N,200nm,14.0s			MLR	MLR		
BZK	Bozkurt	44.36	303	IP	P	09 10 16.8	+2.0
MOS	Moscow	44.40	323	eP	P	09 10 14.1	-0.8
MOS	comp-Z,55nm,1.1s			MLR	MLR		
SIM	Simferopol'	44.44	307	dIP	pmax	09 10 15.5	+0.1
MAJO	Matsushiro	44.55	65	P	pmax	09 10 15.7	-0.8
MAJO	Matsushiro	44.55	65	P	P	09 10 15.9	-0.5
MAT	Matsushiro Arr	44.55	65	P	P	09 10 15.3	-1.2
MJAR	Matsushiro Arr	44.55	65	P	P	09 10 16.1	-0.4
MJAR	Matsushiro Arr	44.55	65	P	pmax	09 10 15.8	-0.7
MJAR	Matsushiro Arr	44.55	65	P	P	09 10 17.2	+0.5
ILGA	Ilgaz	44.56	301	IAMB	IAMB	09 10 19.3	
EIL	Eilat	44.57	285	P	P	09 10 17.3	+0.6
BR131	Keeskin Array S	44.63	300	P	P	09 10 17.0	-0.2
BR131	Keeskin Array S	44.63	300	P	P	09 10 17.0	-0.2
BRTR	Keeskin Array B	44.63	300	P	P	09 10 18.3	+1.1
BRTR	Keeskin Array B	44.63	300	P	P	09 10 17.5	+0.3
TTSI	Tana Toraja	44.65	128	P	P	09 10 19.0	+1.6
YAK	Yakutsk	44.69	28cEP	pmax	pmax	09 10 17.4	+0.3
OBN	Obninsk	44.78	322cEP	pmax	pmax	09 10 17.5	-0.4
OBN	comp-Z,76nm,1.7s			MLR	MLR		
CSS	Mathiasis	45.17	293	P	IAMB	09 10 22.0	+0.6
CLMR	Klimovskoe	45.39	330	eP	pmax	09 10 20.7	-2.0
CLMR	Klimovskoe	45.39	330	eP	AMP	09 10 20.7	-2.0
LEF	Lefka	45.51	293	IP	P	09 10 25.9	+1.8
ISP	Isparta	47.16	297	P	IAMB	09 10 36.6	-0.6
ISP	Isparta	47.16	297	P	IAMB	09 10 42.5	-0.6
ELL	Elmali	47.75	296	P	pmax	09 10 42.4	+0.6
ELL	Elmali	47.75	296	P	P	09 10 42.4	+0.6
YSS	Yuzh-Sakhalins	47.87	51	eP	pmax	09 10 42.5	+0.2
TLCR	Kishinev	48.20	307	IP	P	09 10 45.7	+0.8
KIS	Kishinev	48.25	310	eP	P	09 10 45.0	-0.3
KIS	Kishinev	48.25	310	eP	pmax	09 10 45.0	-0.3
AKASG	Malin Array Be	48.26	314	P	P	09 10 44.9	-0.4
AKASG	Malin Array Be	48.26	314	P	pmax	09 10 44.9	-0.4
AKASG	Malin Array Be	48.26	314	P	IAMB	09 10 44.9	-0.4
AKBB	Malin Array Si	48.26	314	P	pmax	09 10 44.4	-0.9
AKBB	Malin Array Si	48.26	314	P	IAMB	09 10 44.4	-0.9
TPGR	Topolog	48.48	307	IP	P	09 10 47.7	+0.6
SORM	Soroca	48.62	311	IP	P	09 10 48.2	0.0
CFR	Caracul	48.68	307	IP	P	09 10 49.4	+0.8
VLDR	Vladesti	48.73	308	IP	P	09 10 49.8	+0.9
HARR	Harsova	48.82	306	IP	P	09 10 50.5	+0.8
VARL	Varezi	48.98	308	IP	P	09 10 51.4	+1.1
ICOR	Ion Corvin	48.92	306	IP	P	09 10 51.6	+1.1
VASR	Vaslui	48.94	309	IP	P	09 10 51.4	+0.7
MNK	Minsk	49.55	319	P	P	09 10 53.0	-2.2
MNK	comp-Z,28nm,0.8s			MLR	MLR		
MNK	comp-Z,202nm,21.0s			MLR	MLR		

MNK	comp-E,17nm,15.0s			MLR	MLR		
MNK	comp-N,66nm,17.0s	49.55	319	I/P	P	09 10 53.1	-2.1
MNK	Minsk	49.55	319	I/P	P	09 10 53.1	-2.1
MNK	comp-N,12nm,0.8s			I/P	P	09 10 53.1	-2.1
MNK	comp-Z,28nm,0.8s,baz=98			I/P	P	09 10 53.1	-2.1
MNK	Princetia	49.67	308	IP	PcP	09 12 13.5	-3.4
PLOR	Plostinia	49.73	308	IP	PPP	09 12 47.9	-1.4
TESR	Tescani	49.73	308	IP	PPP	09 13 41.5	-2.2
ISTR	Istrita	49.81	307	IP	SS	09 18 00.8	-2.2
ITXI	Tiksi	49.81	16	IP	SS	09 22 56.9	
NEHR	Nehetu	49.98	307	IP	SS	09 28 24.2	
EDFI	Ende Flores	50.05	311	IP	LQ	09 31 27.2	
BIZ	Bicaz	50.11	309	IP	LQ	09 35 01.2	
MLR	Muntele Rosu	50.22	307	P	MLR	09 35 02.5	
MLR	Muntele Rosu	50.22	307	P	MLR	09 35 05.7	
MLR	comp-E,17nm,14.7s			I/LRM	MLR		
VRI	Vriostina	49.67	308	IP	MLR	09 10 57.7	+1.5
PLOR	Plostinia	49.73	308	IP	P	09 10 58.2	+1.5
TESR	Tescani	49.73	308	IP	P	09 10 56.7	0.0
ISTR	Istrita	49.81	307	IP	P	09 10 59.0	+1.6
ITXI	Tiksi	49.81	16	IP	P	09 10 57.4	+0.5
NEHR	Nehetu	49.98	307	IP	P	09 11 00.7	+1.6
EDFI	Ende Flores	50.05	311	IP	P	09 11 00.1	+0.5
BIZ	Bicaz	50.11	309	IP	P	09 11 00.2	+0.7
MLR	Muntele Rosu	50.22	307	P	P	09 11 02.3	+1.7
MLR	Muntele Rosu	50.22	307	P	P	09 11 01.7	+1.1
MLR	comp-Z,47nm,0.9s			pmax	pmax		
MLR	Muntele Rosu	50.22	307	P	P	09 11 01.6	+1.1
NACGM	Naroch	50.24	320	IP	P	09 11 00.7	+0.3
IDID	Didziasalis	50.32	320	IP	P	09 11 02.4	+0.9
OZUR	Ozurs	50.33	308	IP	P	09 11 02.4	+1.1
LVZ	Lovozero	50.36	337	I/P	P	09 11 01.2	0.0
LVZ	Lovozero	50.36	337	P	pmax	09 11 00.7	-0.6
LVZ	comp-Z,42nm,1.1s			IAMB	IAMB	09 11 04.6	
LVZ	comp-Z,36nm,1.0s			IAMB	IAMB	09 11 04.6	
DOPR	Dopca	50.60	328	IP	P	09 11 04.2	+0.8
IIGN	Ignalina	50.62	320	eP	P	09 11 04.2	+0.9
ISAL	Isalaks	50.70	321	eP	P	09 11 04.8	+0.8
SUAR	Suovina Array	50.72	310	P	P	09 11 04.7	+0.2
BUAR	Bucovina Array	50.72	310	P	P	09 11 04.3	0.0
BUAR	Bucovina Ar. S	50.73	310	IAMB	IAMB	09 11 06.0	
BUOR8	Bucovina Ar. S	50.73	310	P	P	09 11 04.6	+0.2
VSU	Vasulu	50.83	324	eP	P	09 11 02.7	+0.5
VSU	Vasula	50.83	324	I/P	P	09 11 04.7	-0.1
VSU	comp-Z,50nm,1.0s			pmax	pmax		
VOIR	ARCALIA	50.85	307	IP	P	09 11 05.9	+0.6
ARCR	Santorini	51.30	310	IP	P	09 11 09.9	+1.3
SANT	Santorini	51.35	296	IP	P	09 11 09.3	+0.1
LVV	L'vov	51.53	313	eP	P	09 11 10.2	0.0
FIAT	FINESS Array S	51.74	328	P	IAMB	09 11 11.2	-0.4
FINES	FINESS Array B	51.74	328	P	IAMB	09 11 11.8	
FINES	comp-Z,14nm,0.6s			LR	LR		
FINES	FINESS Array B	51.74	328	P	LR	09 11 11.9	+0.3
FINES	comp-Z,193nm,19.0s,baz=89,slow=38			LR	LR	09 34 39.7	
FINES	FINESS Array B	51.74	328	P	LR	09 11 11.2	-0.4
LOT	Lotre	51.75	307	IP	P	09 11 12.3	+0.2
BMR	Baia Mare	51.88	310	IP	P	09 11 13.5	+0.7
PABE	Paberze	51.91	320	eP	P	09 11 13.4	+0.5
PABE	Paberze	51.91	320	eP	P	09 11 12.5	-0.4
TRIA	Tripa	52.24	318	eP	P	09 11 15.3	+0.2
SUU	Suwalki	52.24	318	eP	pmax	09 11 14.4	-1.0
SUU	comp-Z,45nm,1.1s			pmax	pmax		
SUU	Suwalki	52.24	318	P	P	09 11 14.4	-1.0
MFS	Metsahovi	52.32	326	eP	P	09 11 16.7	+0.8
VTF	Vitoshia	52.32	304	P	P	09 11 17.6	+1.1
VTS	Vitoshia	52.32	304	P	P	09 11 17.0	+0.5
VTS	comp-Z,25nm,0.9s			pmax	pmax		
VTS	Vitoshia	52.32	304	P	IAMB	09 11 16.9	+0.5
VTS	comp-Z,25nm,0.9s			IAMB	IAMB	09 11 18.4	
DEV	Deva	52.34	308	IP	P	09 11 17.3	+1.0
MTSE	Matsula	52.38	324	eP	P	09 11 17.0	+0.7
DRGR	Druska Gora	52.44	309	IP	P	09 11 17.8	+0.7
TRPA	Tarpa	52.44	309	IP	P	09 11 18.4	+1.1
SOEI	Soe	52.52	310	P	P	09 11 19.0	+0.9
UZH	Uzhgorod	52.67	312	eP	P	09 11 19.3	+0.6
UZH	Uzhgorod	52.67	312	eP	P	09 11 25.4	
SIRP	Siria	53.19	309	eP	P	09 11 23.7	+1.1
CRVS	Cervenica-Dubn	53.21	312	eP	pmax	09 11 23.0	+0.2
CRVS	Cervenica-Dubn	53.21	312	eP	pmax	09 11 23.0	+0.2
CRVS	comp-Z,18nm,1.5s			pmax	pmax		
CRVS	Cervenica-Dubn	53.21	312	eP	P	09 11 23.0	+0.2
MDVR	Moldavia	53.25	307	IP	P	09 11 24.1	+0.9
BZS	Buzias	53.25	308	IP	P	09 11 24.1	+0.9
STHS	Stebnicka Huta	53.34	313	eP	P	09 11 24.4	+0.7
STHS	Stebnicka Huta	53.34	313	eP	P	09 11 24.4	+0.7
BOVS	Bovan	53.35	305	IP	P	09 11 24.2	+0.4
AGG	Agios Georgios	53.42	300	P	P	09 11 23.8	-0.6
AGG	Agios Georgios	53.42	300	P	pmax	09 11 23.8	-0.6
AGG	comp-Z,20nm,0.8s			IAMB	IAMB	09 11 24.6	
KEV	Kevo	53.64	338	P	pmax	09 11 25.1	-0.4
KEV	Kevo	53.64	338	P	pmax	09 11 25.1	-0.4
KEV	comp-Z,32nm,0.6s			pmax	pmax		
RAF	Rauma	53.64	338	P	P	09 11 25.1	-0.4
FNA	Florina	53.91	302	P	P	09 11 26.8	+0.5
FNA	Florina	53.91	302	P	pmax	09 11 27.6	-0.5
FNA	comp-Z,9.0nm,0.8s			IAMB	IAMB	09 11 33.2	
NIE	Niedzica	53.96	313	eP	P	09 11 30.0	+1.8
LODK	Lodwar	54.00	253	P	P	09 11 29.5	+0.4
ARAO	ARCESS Array S	54.07	338	eP	P	09 11 29.3	+0.6
ARCES	ARCESS Array B	54.07	338	eP	P	09 11 29.1	+0.4
ARCES	comp-Z,29nm,0.6s,baz=101,slow=7.4,SNR=90			LR	LR	09 35 54.0	
ARCES	comp-Z,128nm,18.1s,baz=125,slow=38			LR	LR	09 35 54.0	
ARCES	ARCESS Array B	54.07	338	P	P	09 11 29.1	+0.4
ARCES	comp-Z,26nm,0.7s			pmax	pmax		
ARCES	ARCESS Array B	54.07	338	P	P	09 11 29.1	+0.3
OJC	Ojcow	54.26	314	eP	P	09 11 30.5	+0.1
OJC	Ojcow	54.26	314	eP	pmax	09 11 29.9	-0.5
OJC	comp-Z,12nm,0.7s			pmax	pmax		
OJC	Ojcow	54.26	314	P	IAMB		

23d 9h

Table with columns for station call letters, name, frequency, power, and time. Includes stations like NC204, NB000, ZOU, MANZ, STAL, ABTA, MOX, etc.

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Table with columns for station call letters, name, frequency, power, and time. Includes stations like AS31, ASAR, ASAR, NEEM, NEEM, EUNU, etc.

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Table with columns for station call letters, name, frequency, power, and time. Includes stations like ILAR, ILAR, ILAR, ILAR, ILAR, ILAR, etc.

23d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KRMR, GORELY, ASAK, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KLR, YAK, ZEA, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KSRS, KSAR, I23K, etc.

LZH	comp=Z,520nm,18.4s	LR	LR						
YKA	Yellowknife Ar 43.10 43 P P			10 25 05.5 +0.2					
YKA	comp=Z,1.8nm,0.8s,baz=298,slow=8.0,SNR=6.0	LR	LR	10 44 00.0					
YKA	comp=Z,7.6nm,20.4s,baz=0.0,slow=38	LR	LR						
YKA	Yellowknife Ar 43.10 43 P P			10 25 06.3 +1.0					
YKA	Yellowknife Ar 43.10 43 P P			10 25 06.3 +1.0					
GTA	Gaotai 43.13 277 eP			10 25 06.3 +0.6					
GTA		sP	sP	10 25 14.8 +0.4					
GTA		sP	sP	10 25 19.4 +2.1					
GTA	comp=Z,7.0nm,1.2s		pmx						
GTA	comp=Z,170nm,5.5s		pmx						
GTA	comp=Z,430nm,11.3s	LR	LR						
GTA	comp=Z,350nm,13.5s	LR	LR						
ZALV	Zalesovo Beam 43.38 303 P P			10 25 07.5 -0.1					
ZALV	comp=Z,1.6nm,0.4s,baz=60,slow=8.5,SNR=3.8	LR	LR	10 44 31.8					
ZALV	comp=Z,523nm,18.5s,baz=57,slow=38	LR	LR						
ZALV	Zalesovo Beam 43.38 303 i P			10 25 09.1 +1.5					
ZALV		pmx	pmx						
ZALV	comp=Z,2.0nm,0.6s		pmx						
ZALV	Zalesovo Beam 43.38 303 P P			10 25 07.0 -0.6					
RES	Resolute Bay 43.48 22 P P			10 25 09.6 +1.4					
RES	Resolute Bay 43.48 22 P P			10 25 08.1 -0.1					
RES	comp=Z,1.8nm,1.3s		pmx						
RES	Resolute Bay 43.48 22 P P			10 25 08.1 -0.1					
DGZ	Jazzator, Alta 44.26 297 i P			10 25 15.4 +0.4					
DGZ		pmx	pmx						
LLBL	Lillooet 45.77 60 P			10 25 27.2 +0.4					
LLBL		I Amb	I Amb	10 25 38.4					
CD2	Chengdu 46.41 265 eP			10 25 30.3 -1.8					
NLWA	Neilton Lookou 46.55 65 P P			10 25 34.2 +1.2					
B05A	Bryant 47.01 63 P P			10 25 36.6 +0.1					
KBS	Kingsbay 47.30 352 P P			10 25 40.3 +1.9					
KBS		pmx	pmx						
KBS	comp=Z,36nm,1.2s		pmx						
KBS	Kingsbay 47.30 352 eP			10 25 41.1 +2.7					
KBS	Kingsbay 47.30 352 P P			10 25 40.3 +1.9					
WMQ	Urumqi 47.54 290 eP			10 25 45.0 +4.2					
WMQ		pmx	pmx						
WMQ	comp=Z,22nm,0.7s		pmx						
WMQ	comp=Z,170nm,4.3s	LR	LR						
WMQ	comp=Z,600nm,18.7s	LR	LR						
WMQ	comp=Z,620nm,18.7s	LR	LR						
SPAO	Spitsbergen Ar 47.57 351 eP			10 25 41.5 +0.9					
SPITS	Spitsbergen Ar 47.57 351 P P			10 25 41.2 +0.7					
D05A	Eneclaw 47.70 64 P P			10 25 41.8 -0.1					
E04D	Cinebar 47.76 65 P P			10 25 42.7 +0.3					
LTY	Liberty 48.38 63 P P			10 25 47.4 +0.2					
LTY		I Amb	I Amb	10 25 58.0					
B08A	Colville Reser 48.44 61 P			10 25 47.4 -0.2					
B08A		I Amb	I Amb	10 25 59.1					
NEEM	North Greenlan 48.56 9 i P			10 25 49.8 +1.3					
NEEM		I Amb	I Amb	10 25 57.3					
EDM	Edmonton 48.60 53 P P			10 25 48.7 -0.1					
EDM		pmx	pmx						
EDM	Edmonton 48.60 53 P P			10 25 48.7 -0.1					
MK31	Makanchi Array 48.74 296 P P			10 25 48.9 -1.1					
MK31		pmx	pmx						
MK31	comp=Z,7.0nm,1.2s		pmx						
MK31	Makanchi Array 48.74 296 P P			10 25 48.9 -1.1					
MK31	Makanchi Array 48.74 296 P P			10 25 47.7 -2.3					
MK31	comp=Z,1.5nm,0.4s,baz=58,slow=6.6,SNR=22	LR	LR	10 47 12.9					
MKAR	comp=Z,172nm,19.8s,baz=42,slow=37	LR	LR						
MKAR	Makanchi Array 48.74 296 P P			10 25 49.0 -1.0					
MKAR	Makanchi Array 48.74 296 P P			10 25 49.0 -1.0					
MAKZ	Makanchi 48.74 297 P P			10 25 50.7 -0.5					
MAKZ		pmx	pmx						
MAKZ	comp=Z,5.0nm,0.8s		pmx						
MAKZ	Makanchi 48.91 297 P P			10 25 50.7 -0.5					
I03D	Drain, OR 49.08 68 P P			10 25 53.8 +1.2					
H04A	Detroit Lake 49.12 67 P P			10 25 53.4 +0.5					
E07A	Sunnyside 49.25 64 P P			10 25 54.5 +0.6					
E07A		I Amb	I Amb	10 26 05.6					
G05D	Wamic, OR 49.26 66 P P			10 25 54.4 +0.4					
C09A	Chrisman Ranch 49.34 61 P P			10 25 54.9 +0.3					
C09A		I Amb	I Amb	10 26 05.8					
HAWA	Hanford 49.53 63 P P			10 25 56.1 +0.1					
HAWA		I Amb	I Amb	10 26 06.9					
I04A	Tendick Farm, 49.55 68 P P			10 25 56.6 +0.4					
F07A	Phinny Hill Vi 49.62 64 P P			10 25 56.5 -0.2					
NEW	Newport 49.66 60 P P			10 25 56.9 -0.1					
NEW		pmx	pmx						
NEW	comp=Z,1.8nm,1.4s		pmx						
NEW	Newport 49.66 60 P P			10 25 56.9 -0.1					
NEW		I Amb	I Amb	10 26 07.7					
NEW	comp=Z,1.8nm,1.4s		pmx						
NEW	Newport 49.66 60 P P			10 25 57.1 0.0					
I05D	Terrebonne, OR 49.81 67 P P			10 25 58.7 +0.5					
HUMO	Hull Mountain 49.99 69 P P			10 25 59.9 +0.3					
J04D	Umpqua Nationa 50.07 68 P P			10 26 01.2 +0.8					
KRMB	Red Mountain 50.14 71 P P			10 26 01.2 +0.4					
KRMB		I Amb	I Amb	10 26 02.5					
E09A	Wood Farm, Sta 50.20 63 P P			10 26 01.3 +0.2					
PINE	Pine Mountain 50.38 67 P P			10 26 03.3 +0.2					
PINE		I Amb	I Amb	10 26 04.5					
G08A	Pilot Rock 50.53 64 P P			10 26 03.7 -0.1					
J05D	Fort Rock, OR 50.53 68 P P			10 26 04.8 +1.0					
L04D	Klamath Falls 50.61 69 P P			10 26 05.2 +0.7					
YBH	Yreka Blue Hor 50.69 70 P P			10 26 05.4 +0.4					
YBH		pmx	pmx						
YBH	comp=Z,12nm,1.0s		pmx						
YBH	Yreka Blue Hor 50.69 70 P P			10 26 05.4 +0.4					
YBH		I Amb	I Amb	10 26 16.4					
M02C	Callahan 50.83 71 P P			10 26 07.5 +1.5					
WALA	Waterton Lakes 50.85 58 P P			10 26 06.5 +0.4					
I07A	Ize 50.99 66 P P			10 26 07.7 +0.5					
BRVK	Borovoye 51.02 309 eP			10 26 08.2 +1.1					
BRVK		pmx	pmx						
BRVK	comp=Z,5.0nm,0.6s		pmx						
BRVK	Borovoye 51.02 309 P P			10 26 07.0 -0.2					
BRVK		I Amb	I Amb	10 26 12.5					
F10A	Beach Ranch, E 51.04 63 P P			10 26 07.4 -0.1					
K05A	Summer Lake 51.09 68 P P			10 26 09.3 +1.2					
M04C	Macdoel 51.16 69 P P			10 26 09.4 +0.9					
N02D	Trinity Center 51.19 71 P P			10 26 10.0 +1.3					
KMI	Kumming 51.24 261 i P			10 26 10.8 +1.4					
KMI		sP	sP	10 26 18.4 -2.6					
KMI		sP	sP	10 26 24.0 +6.3					
KMI	comp=Z,5.0nm,0.6s		pmx						
KMI	comp=Z,380nm,12.5s	LR	LR						

KMI	comp=Z,440nm,13.2s	LR	LR						
KMI	comp=Z,460nm,14.5s	LR	LR						
JTMT	Whiskeytown Da 51.48 59 P P			10 26 11.2 +0.4					
WDC	Whiskeytown Da 51.54 71 P P			10 26 12.2 +1.0					
WDC		pmx	pmx						
WDC	comp=Z,13nm,1.1s		pmx						
WDC	Whiskeytown Da 51.54 71 P P			10 26 12.2 +1.0					
WDC		I Amb	I Amb	10 26 22.9					
O02D	Mt. Diablo Mer 51.66 72 P P			10 26 13.5 +1.3					
BMO	Blue Mountains 51.71 64 P P			10 26 13.1 +0.5					
BMO		pmx	pmx						
BMO	comp=Z,14nm,1.4s		pmx						
BMO	Blue Mountains 51.71 64 P P			10 26 13.1 +0.5					
BMO		I Amb	I Amb	10 26 23.7					
MOD	Modoc Plateau 51.95 68 P P			10 26 15.1 +0.6					
MOD		I Amb	I Amb	10 26 16.3					
O03E	comp=Z,12nm,0.8s		pmx						
O03E	Paynes Creek 52.15 71 P P			10 26 16.4 +0.5					
MSO	Missoula 52.24 60 P P			10 26 16.8 +0.2					
MSO		I Amb	I Amb	10 26 28.1					
MSO	comp=Z,13nm,1.1s		pmx						
MSO	Missoula 52.24 60 P P			10 26 16.4 -0.1					
MSO	comp=Z,10.9nm,7.6		pmx						
PLID	Pearl Lake 52.27 63 P P			10 26 16.7 -0.2					
WVOR	Wild Horse Val 52.54 67 P P			10 26 18.7 -0.1					
WVOR		pmx	pmx						
WVOR	comp=Z,7.0nm,1.0s		pmx						
WVOR	Wild Horse Val 52.54 67 P P			10 26 18.7 -0.1					
ORV	Oroville 52.82 71 P P			10 26 20.5 -0.2					
ORV		pmx	pmx						
ORV	comp=Z,9.0nm,0.8s		pmx						
ORV	Oroville 52.82 71 P P			10 26 20.5 -0.2					
ORV		I Amb	I Amb	10 26 21.7					
BEKR	Beckworth 53.26 70 P P			10 26 24.4 +0.1					
BEKR		I Amb	I Amb	10 26 25.8					
HRH	Holler Researc 53.42 59 P P			10 26 25.5 +0.2					
MFID	Femas Ranch 53.45 64 P P			10 26 25.6 +0.1					
AFDM	Forest Hills D 53.53 72 P P			10 26 25.9 -0.1					
AFDM		I Amb	I Amb	10 26 37.3					
EGMT	Eagleton 53.63 56 P P			10 26 27.4 +0.6					
EGMT		I Amb	I Amb	10 26 38.1					
LRM	Limekiln Ridge 53.68 60 P P			10 26 29.8 -0.4					
ARCES	ARCCESS Array B 53.78 342 P P			10 26 26.8 -0.6					
ARCES	comp=Z,1.8nm,0.5s,baz=47,slow=8.8,SNR=12		pmx						
ARCES	ARCCESS Array B 53.78 342 P P			10 26 26.9 -0.5					
ARCES		pmx	pmx						
ARCES	comp=Z,8.0nm,1.1s		pmx						
ARCES	ARCCESS Array B 53.78 342 P P			10 26 26.9 -0.5					
ARCES		I Amb	I Amb	10 26 28.8					
DLMT	Dillon 53.91 61 P P			10 26 29.1 +0.2					
DLMT		I Amb	I Amb	10 26 40.					

23d 10h

Table with columns for station call letters, name, elevation, frequency, and other technical details. Includes stations like PASOC, GSC, MWC, CMAR, etc.

2015 AUG

Table with columns for station call letters, name, elevation, frequency, and other technical details. Includes stations like MEF, MOS, NIL, OBN, etc.

1170

Table with columns for station call letters, name, elevation, frequency, and other technical details. Includes stations like WMOK, WMOK, J47A, 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 F63A Nahmakanta, DPC Dobruska-Polom, CRVS Cervenia-Dubn, 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 SQTA Sankt Quirin, KMSC Kings Mountain, BR131 Keskin Array S, etc.

KMA 23 10:30:40.3±0.2, 38.37N, 128.65E, h0km, Error ellipse: s-maj=3.6km s-min=0.9km az=24.0, North Korea

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like KSSKC Sokcho, KSSKC Sokcho, KSSKC Sokcho, 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 KSULJ Ulijn, KSMGY Mungyeong, RSNC 23 10:33:14.3±0.0, 6.82N, 73.12W, etc.

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like SOCV Scoops, GARC Garzon, MARP Paetz, OCAC Ocana, etc.

Table with columns: WRA, Az, El, Pn, Res, Time, Res, ISC. Includes stations like ASAR Alice Springs, ASAR 0.7nm,0.5s, etc.

INET 23 11:50:33.5, 12.83N-87.07W, h15km, MW4.0
UCR 23 11:50:38.6, 1.9, 12.74N-87.02W, h3km, g8km, MW4.0(INET)

ISC 23 11:50:37.6, 1.5, 12.7N:10.87:10W:0.09, h4km, 13km, n30, g085/43, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like CNGN Cerro Negro, LCND La Caada, ALJI Alcaldia de J, etc.

IDC 23 12:16:44.9, 0.9, 37.03N-144.55E, h0km, mb3.5/6, mb1 3.8/8, mb1mx3.6/4.5, mbtmp3.5/8, ML3 1.2, Error ellipse: s-maj=30.3km s-min=23.0km az=116.0

JMA 23 12:16:49.8, 0.3, 37.22N-144.27E, h31km, M3.6
ISC 23 12:16:48.9, 1.0, 37.20N:08.144:42E:0.07, h26km, n22, s=117.24, mb3.5/6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like JIKH Ishinomakikubu, JIKH Ouri, JMST Minamisomoto, etc.

Table with columns: NIUE Niue, MSVF Nonsau, MSVF comp=2.359nm,20.4s, etc. Includes stations like NIUE Niue, MSVF Nonsau, etc.

IDC 23 11:42:30.0, 3.7, 7.14S:155.84E, h133km, 40km, mb3.5/6, mb1 3.7/7, mb1mx3.4/3.5, mbtmp4.0/7, MS2.3/1, Ms1 2.3/1, ms1mx2.2/2.2, Error ellipse: s-maj=34.0km s-min=23.1km az=142.0

ISC 23 11:42:31.4, 0.8, 7.2S:0.2:155.9E:0.1, h150km, n14, g052/11, mb3.7/6, Bougainville Islands region

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like HNR Honiara, HNR 4.5m,11.0s, etc.

NEIC 23 12:28:48.4, 1.2, 27.10S:0.07:175.25W:0.10, h31km, 4km, mb4.6/57, Error ellipse: s-maj=13.4km s-min=9.9km az=115.0

IDC 23 12:49:19.0, 1.0, 6.26:83S:176:37W, h0km, mb4.3/17, mb1 4.2/19, mb1mx4.2/4.2, mbtmp4.3/19, ML4.2/2, MS4.2/18, ML1 4.2/18, ms1mx4.1/3.5, Error ellipse: s-maj=20.8km s-min=15.9km az=138.0

ISC 23 12:28:45.0, 0.4, 27.22S:0.06:175.30W:0.06, h10km, n139, s195/119, mb4.6/47, MS4.3/17, Kermadec Islands region

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like RAO Raoul Island, RAO 27.0m,0.3s, etc.

PETK Petropavlovsk - 83.37 344 P P 12 41 14.9 +2.4

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like PETK Petropavlovsk, KSRS Korea Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WCNR Virginia City, NVAR Mina Array Bay, TPVW Topopah Spring, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, IDC 23 13:10:23.3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ELGU 5.1nm,0.4s,SNR=7.9, ERTA Horta de San J, etc.

IDC 23 12:38:12.5:64.0, 20:26S:178.91E, h0km, mb4.0/3, Error ellipse: s-maj=1139.0km s-min=149.7km az=81.0, South of Fiji Islands

MDD 23 13:27:00.1±0.8, 36.74N±1.77E, h0km, mb3.9/11, Error ellipse: s-maj=6.3km s-min=5.4km az=135.0, PRXIMO CRAAG 23 13:27:00.1, 36.41N: 1.89E, M3.0

INET 23 12:29:12.9, 12:61N-87:12W, h15km, MW3.6, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BMDN Meydan, ATGJ Altghaj, SIZA Sityz, etc.

IDC 23 13:38:06.0-4.5, 5.22S-148.73E, h0km, mb3.5/2, mb1 3.9/2, mb1mx3.3/30, mbtmp3.7/2, Error ellipse: s-maj=159.8km s-min=51.0km az=111.0, New Britain region

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

MAN 23 13:43:52.2, 12.27N-125.30E, h1km, mb5.4, ML4.4, MS4.7, 1C, Samar

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

ANF 23 13:53:07.3-0.3, 36.30N-97.52W, h3km, ML3.7/10, Error ellipse: s-maj=3.4km s-min=2.7km az=16.0

NEIC 23 13:53:07.0-0.7, 36.282N-0.004-97.51W, 0.02, h4km, 7km, mb_Lg3.1/83, Error ellipse: s-maj=2.0km s-min=0.4km az=77.0

IDC 23 13:53:07.5-1.1, 36.282N-0.02-97.52W, 0.03, h7km, 11km, n90, 0.0577/4, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CROK Carrier, OK029 Liberty Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OKCFA Oklahoma City, OKCFA Oklahoma City, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like X34A Smith Ranch, M WMOK Wichita Mouta, WMOK Wichita Mouta, etc.

IDC 23 14:00:23.1-1.6, 38.09N-129.27E, h14km, 9km, Error ellipse: s-maj=15.3km s-min=3.5km az=71.0, Sea of Japan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like P40A Paris, 435B Jarrell, T25A Trinidad, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSJMJ Jumunjin, KSJMJ Jumunjin, KSDGV Daegwallycong, etc.

IDC 23 14:06:14.0-1.8, 2.90S-122.51E, h0km, mb3.5/4, mb1 3.8/5, mb1mx3.5/44, mbtmp3.6/5, ML3.8/1, Error ellipse: s-maj=38.5km s-min=24.4km az=40.0

DJA 23 14:06:15.0-0.4, 3.3S-102.3E, h10km, M4.0/13, mb4.1/1, ML4.0/13

ISC 23 14:06:15.4-0.9, 2.86S-102.52E, 0.06, h10km, n21, 0.065/22, mb3.6/3, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KKSJ Kolaka, APSI Ampana, TTSI Tana Toraja, etc.

NEIC 23 14:13:42.6-1.4, 50.02S-0.07-111.4E, 0.3, h15km, 5km, mb4.2/14, Error ellipse: s-maj=27.0km s-min=8.5km az=102.0

IDC 23 14:13:42.0-4.5, 49.98S-111.96E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.7/24, mbtmp3.8/3, Error ellipse: s-maj=161.2km s-min=5.5km az=102.0

ISC 23 14:13:41.0-0.8, 50.0S-0.1-111.4E, 0.2, h10km, n22, 0.084/17, mb4.2/10, Southeast Indian Ridge

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

IDC 23 14:19:14.7-1.2, 41.91N-136.30E, h359km, 20km, mb2.6/2, mb1 2.8/5, mb1mx2.5/39, mbtmp3.4/5, Error ellipse: s-maj=31.5km s-min=18.9km az=179.0, Eastern Sea of Japan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like USRK Utsuriyok Ar, ASAJ Asahikawa, etc.

Table with columns: ICAO, Name, Elevation, Frequency, Mode, Power, Azimuth, Distance, etc. Includes stations like Smith Ranch, Cooper Cove, Ozark Folk, etc.

Table with columns: ICAO, Name, Elevation, Frequency, Mode, Power, Azimuth, Distance, etc. Includes stations like Juan Fernandez, YK3A, YK4, etc.

Table with columns: ICAO, Name, Elevation, Frequency, Mode, Power, Azimuth, Distance, etc. Includes stations like Battle Mountain, Pahroc Range, Troy Canyon, etc.

IDC 23:14:58:01.2.1.2, 17:55S-176.14E, h0km, mb3.5/3, mb1 3.4/2, mb1mx3.5/2.4, mbtmp3.5/3, MS3.5/1, Ms1 3.5/1, ms1mx3.0/13, Error ellipse: s-maj=52.9km s-min=28.5km az=178.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like Nonsavu, MSVF, MSVF, MSVF, etc.

IDC 23:14:58:25.0.4.0.8, 17:31S-175.87E, h0km, mb3.9/11, mb1 4.2/12, mb1mx4.1/25, mbtmp4.0/12, MLS.2/1, Error ellipse: s-maj=29.4km s-min=20.5km az=165.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like Nonsavu, MSVF, MSVF, etc.

IDC 23:14:58:30.2.0.5, 17:65S-176.01E, h35km, n6R, 0686/59, mb4.5/25, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like Nonsavu, MSVF, MSVF, etc.

IDC 23:14:59:29.7.0.6, 29:41S-178:81W, h220km, 8km, mb3.1/2, mb1 3.4/2, mb1mx3.0/22, mbtmp3.7/2, Error ellipse: s-maj=52.9km s-min=28.5km az=178.0

IDC 23:15:00:00.0.0.2, 38:21N-129:21E, h2km, 1km, Error ellipse: s-maj=3.0km s-min=0.9km az=227.0, Sea of Japan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like RAO, ASAR, ASAR, WRA, etc.

TUL 23:15:00:57.0.8, 36:60N.0:01-97:70W.0:02, h7km, 7km, ML3.3, mb, Lg3.0/59(NEIC), Error ellipse: s-maj=2.7km s-min=1.7km az=65.0

NEIC 23:15:00:57.0.7, 36:59N.0:01-97:70W.0:008, h6km, 7km, Error ellipse: s-maj=1.8km s-min=0.9km az=179.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like SBA, KIW, PETK, etc.

Oklahoma

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc. Includes stations like CROK, CROK, GC02, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAN05, KAN10, KAN20, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMA 23 15:01:22.8, KSJMJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DJA 23 15:13:46.5, KDI, etc.

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

DJA 23 15:18:01.5, 1.4, 3'S, 2'12.3"E, h30km, 23km, M3.7/7, mb3.6/1, MLV3.7/7, Sulawesi

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

ICD 23 15:21:29.9, 3.0, 1.91N, 94.88E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/41, mbtmp3.6/5, ML4.4/1, Error ellipse: s-maj=116.8km s-min=24.5km az=59.0

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

ICD 23 15:28:13.8, 8.9, 12.48N, 89.67W, h0km, mb3.8/5, mb1 4.1/5, mb1mx3.7/23, mbtmp3.8/5, MS3.3/1, Ms1 3.2/1, ms1mx2.4/38, Error ellipse: s-maj=188.0km s-min=57.2km az=1.0

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

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

COEG comp=Z, 630nm, 0.5s COEG Centro de Oper 1.58 61 eP Sb

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTO3, Montecristo, MTO3, etc.

ICD 23 15:21:34.1, 6.2, 1N, 92.95E, 0.2, h21km, n25, 0.659/13, mb4.0/8, Off coast of northern Sumatra

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

ICD 23 15:21:29.9, 3.0, 1.91N, 94.88E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/41, mbtmp3.6/5, ML4.4/1, Error ellipse: s-maj=116.8km s-min=24.5km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR, Chiang Mai Arr, SMRI, etc.

ICD 23 15:21:29.9, 3.0, 1.91N, 94.88E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/41, mbtmp3.6/5, ML4.4/1, Error ellipse: s-maj=116.8km s-min=24.5km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H0S2, Diego Garcia H, H0S3, etc.

ICD 23 15:21:29.9, 3.0, 1.91N, 94.88E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/41, mbtmp3.6/5, ML4.4/1, Error ellipse: s-maj=116.8km s-min=24.5km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like W0B, Warramunga Arr, W0A, etc.

ICD 23 15:21:29.9, 3.0, 1.91N, 94.88E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/41, mbtmp3.6/5, ML4.4/1, Error ellipse: s-maj=116.8km s-min=24.5km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, Warramunga Arr, W0B, etc.

ICD 23 15:21:29.9, 3.0, 1.91N, 94.88E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/41, mbtmp3.6/5, ML4.4/1, Error ellipse: s-maj=116.8km s-min=24.5km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like W0B, Warramunga Arr, W0A, etc.

ICD 23 15:21:29.9, 3.0, 1.91N, 94.88E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/41, mbtmp3.6/5, ML4.4/1, Error ellipse: s-maj=116.8km s-min=24.5km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, Warramunga Arr, W0B, etc.

ICD 23 15:21:29.9, 3.0, 1.91N, 94.88E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/41, mbtmp3.6/5, ML4.4/1, Error ellipse: s-maj=116.8km s-min=24.5km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, Warramunga Arr, W0B, etc.

23d 16h

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Mina Array Sit, Vina Array Bea, Bina Array Bea, etc.

DJA 23 15:52:47.5:1.1, 9'S, 6.12'E, h13km, gkm, M4.2/6, mb4.5/4, MLV4.1/6, Timor region

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like SOEI, SOEI, SOEI, etc.

DJA 23 15:56:47.9:0.7, 3'S, 2.12'E, h11km, gkm, M4.3/11, MLV4.3/11

ICC 23 15:56:47.3:1.2, 2.7'S, 122.40E, h0km, mb3.5/6, mb1.3/7.7, mb1mx3.6/35, mbtmp3.6/7, ML4.0/1, Error ellipse: s-maj=33.9km s-min=20.8km az=71.0

NEIC 23 15:56:53.4:1.4, 2.7'S, 122.12E:0.10, h54km, 7km, mb4.1/10, Error ellipse: s-maj=14.3km s-min=10.9km az=106.0

ISC 23 15:56:48.1:0.6, 2.81S:0.04:122.38E:0.06, h10km, n35, g0.99/36, mb3.7/7, Sulawesi

Large table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like KDI, KKS, KKS, etc.

KMA 23 16:00:22.9:0.1, 38'20N-128'36E, h0km, Error ellipse: s-maj=2.3km s-min=0.7km az=227.0, North Korea

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like KSSK, KSSK, KSJM, etc.

NEIC 23 16:21:35.2:0.6, 36.03N:0.01:97.16W:0.02, h4km, gkm, Error ellipse: s-maj=2.5km s-min=1.4km az=121.0

2015 AUG

Solution. Moment tensor: Scale 10^14Nm; Mr:0.02; Mw:0.88; Ms:0.90; Mo:0.42; Mw:0.37; Mw:0.34; Fault plane solution: M1:1.1000x10^14 NP1:phi:234.33000*, delta:640000*, lambda:173.66000*. NP2:phi:327.25000*, delta:38000*, lambda:27.50000*. Principal axes: T:1.1661, P:1g23.0000*, Azm:194.0000*; N:-0.1241, P:1g62.0000*, Azm:338.0000*; S:-1.0420, P:1g15.0000*, Azm:98.0000*

TUL 23 16:21:35.3:1.2, 36.03N:0.01:97.12W:0.05, h6km, gkm, ML3.5, mb_Lg3.5/108(NEIC), Mw3.3/21(NEIC) Error ellipse: s-maj=6.3km s-min=1.9km az=89.0

ISC 23 16:21:35.2:0.9, 36.05N:0.02:97.15W:0.02, h10km, gkm, n126, e1920/120, Oklahoma

Large table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like OK031, OK031, OK029, etc.

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Large table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like U40A, U40A, U40A, etc.

IDC 23 16:31:49.7,1.9,2.74S:100.28E,h0km,mb3.9/8,
 mb1 4.0/8,mb1mx3.7/44,mbtmp3.9/8,Error ellipse:
 s-maj=74.0km s-min=19.1km az=57.0
 NEIC 23 16:31:55.1,0.9,2.74S:0.09x100.27E,0.05,h35km,2km,
 mb4.4/20,Error ellipse: s-maj=16.9km s-min=4.5km
 az=151.0
 ISC 23 16:31:52.0,0.8,2.8S:0.1x100.1E,0.1,h27km,n44,
 c#14/37,mb4.2/18,Southern Sumatera

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
BKNI	Bangkinang	3.23	16	Pn	Pn	16 32 43.9	+2.4
GS1	Gunungsitoli	4.81	328	Pn	Pn	16 33 02.2	-1.0
CISI	Cisumpung, Garu	8.99	122	Pn	Pn	16 33 59.7	-1.1
SRIT	Nakonsritamara	11.33	357	Pn	Pn	16 34 29.6	-3.1
TOL2	Tolitoli	21.10	80	P	P	16 36 33.4	-0.8
TOL2				Iamb	Iamb	16 36 40.5	
CMAR	Chiang Mai Arr	21.15	357	P	P	16 36 36.0	+0.3
H08S2	Diego Garcia H	27.94	259	T	T	17 06 34.8	
H08S3	Diego Garcia H	27.94	259	T	T	17 06 36.7	
H08S1	Diego Garcia H	27.95	259	T	T	17 06 37.6	
LSA	Lhasa	33.44	346	P	P	16 38 30.6	+0.7
LSA				Iamb	Iamb	16 38 32.9	
H01W3	Cape Leeuwin H	34.48	159	T	T	17 14 53.0	
H01W2	Cape Leeuwin H	34.49	159	T	T	17 15 00.1	
H01W1	Cape Leeuwin H	34.49	159	T	T	17 14 55.6	
WB0	Warramunga Arr	37.46	119	P	P	16 39 04.2	+0.1
WB0				Iamb	Iamb	16 39 22.3	
WRA	Warramunga Arr	37.48	120	P	P	16 39 04.3	0.0
WRAB	Tennant Creek	37.49	120	P	P	16 39 03.9	-0.4
WRAB				Iamb	Iamb	16 39 23.1	
WB2	Warramunga Arr	37.49	120	P	P	16 39 04.2	-0.2
WB2				Iamb	Iamb	16 39 23.6	
WR0	Warramunga Arr	37.66	120	P	P	16 39 05.3	-0.5
AS31	Alice Springs	38.68	125	P	P	16 39 14.4	0.0
ASAR	Alice Springs	38.68	125	P	P	16 39 14.8	+0.4
ASAR				Iamb	Iamb	16 39 23.6	
ASAR	Alice Springs	38.68	125	P	P	16 39 14.3	-0.1
JOW	Kunigami	40.07	41	P	P	16 39 23.2	-2.7
KDJ	Kajisay	49.32	338	P	P	16 40 41.7	+2.1
KDJ				Iamb	Iamb	16 40 42.5	
BOOM	Boomskeye usch	50.11	337	P	P	16 40 46.9	+1.3
JWT	Wachi	50.26	38	P	P	16 40 46.6	0.0
ARSB	Arsianlob	50.39	334	P	P	16 40 48.7	+1.0
ARSB				Iamb	Iamb	16 41 09.1	
S0NM	Songino Array	50.72	5	P	P	16 40 51.3	+1.3
S0NM				Iamb	Iamb	16 40 52.5	
MK31	Makanchi Arr	51.83	344	P	P	16 40 58.8	+0.6
MK31				Iamb	Iamb	16 41 00.1	
MKAR	Makanchi Arr	51.83	344	P	P	16 40 59.4	+1.1
MKAR				Iamb	Iamb	16 41 00.1	
MAK2	Makanchi	51.92	344	P	P	16 40 59.6	+0.6
MAKJ	Sado	53.79	37	P	P	16 41 12.6	-0.3
USD				Iamb	Iamb	16 41 35.0	
USRJ	Ussuriysk Ar.	54.79	28	P	P	16 41 19.9	-0.1
ZALV	Zalesovo Beam	57.97	349	P	P	16 41 43.3	+0.8
ZALV				Iamb	Iamb	16 41 43.3	
ZALV	Zalesovo Beam	57.97	349	P	P	16 41 43.1	+0.5
LHI	Lord Howe Isla	62.62	124	P	P	16 42 12.9	+0.5
ABKAR	Akbulak array	62.40	332	P	P	16 42 12.4	-0.6
ABKAR	Akbulak array	62.40	332	P	P	16 42 11.8	-1.1
ABKAR				Iamb	Iamb	16 42 13.9	
ODZ	Otahua Downs	74.31	136	P	P	16 43 28.7	+1.0
BHW	Baring Head	76.72	132	P	P	16 43 41.6	0.0
FINES	FINES Array B	84.87	332	P	P	16 44 25.8	+1.1
FINES				Iamb	Iamb	16 44 25.8	
FINES	FINES Array B	84.87	332	P	P	16 44 25.2	+0.6
TXAR	Lajitas Array	145.24	38	PKPbc	PKPbc	16 51 29.6	+0.9
TXAR				Iamb	Iamb	16 51 29.6	

TUL 23 16:31:57.6,0.8,36.03N:0.02E,97.12W,0.02,h5km,7km,
 ML2.7,mb, Lg2.6/44(NEIC), Error ellipse: s-maj=2.3km
 s-min=2.1km az=143.0
 ANF 23 16:31:58.2,0.4,36.03N:97.09W,h5km,ML2.8/7, Error
 ellipse: s-maj=4.1km s-min=2.5km az=162.0
 NEIC 23 16:31:57.7,0.5,36.03N:0.007E,97.14W,0.02,h5km,7km,
 Error ellipse: s-maj=2.2km s-min=1.0km az=80.0,

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
OK031	S. Brethren Rd	0.26	109	Op	Pg	16 32 02.8	0.0
OK029	Liberty Lake	0.35	227	Pg	Pg	16 32 04.8	+0.3
QUOK	Quay	0.88	69	Pg	Pg	16 32 04.7	-0.3
QUOK				Sg	Sg	16 32 09.7	-0.2
OK025	Westminster Rd	0.48	199	Pg	Pg	16 32 07.3	+0.3
OKCFA	Oklahoma City	0.67	202	P	P	16 32 10.5	-0.1
OKCFA				Iamb_Lg	Iamb_Lg	16 32 19.7	
OKCFA	Oklahoma City	0.67	202	P	Pg	16 32 10.7	+0.1
OKCFA				S	Sg	16 32 20.2	+0.9
OKCFA	Oklahoma City	0.67	202	P	P	16 32 10.7	
OKCFA				S	S	16 32 20.2	
OKCSW	OKLAHOMA CITY	0.68	201	Pg	Pg	16 32 10.6	-0.1
BLOK	Blackwell	0.72	355	Pg	Pg	16 32 11.7	0.0
BLOK				Sg	Sg	16 32 21.4	+0.3
FNO	Franklin	0.81	195	Pg	Pg	16 32 12.8	-0.4
FNO				Iamb_Lg	Iamb_Lg	16 32 24.1	
CROK	Carrier	0.82	305	Pg	Pg	16 32 13.5	0.0
CROK				Sg	Sg	16 32 24.5	+0.2
GO02	Grant County #	1.00	325	Pg	Pg	16 32 16.5	-0.4
KAN13	South Haven SW	1.01	345	Pg	Pg	16 32 16.9	-0.2
TUL1	Leonard	1.10	96	Pg	Pg	16 32 17.7	-1.1
TUL1				S	Sg	16 32 32.7	-0.5
TUL1	Leonard	1.10	96	P	P	16 32 17.7	
TUL1				S	S	16 32 32.7	
KAN17	Caldwell West	1.12	334	Pg	Pg	16 32 19.1	-0.1
KAN14	Manchester OK	1.13	324	Pg	Pg	16 32 19.2	-0.3
OK032	Salt Plains WL	1.12	312	Pg	Pg	16 32 19.4	-0.4
KAN05	Bluff City Nor	1.22	331	Pg	Pb	16 32 21.2	-0.1
KS20	Mayfield South	1.23	345	Pg	Pg	16 32 21.1	-0.3
KAN10	Anthony SW Sta	1.33	325	Pg	Pg	16 32 22.7	-0.2
KAN08	Anthony E Sta	1.36	321	Pn	Pn	16 32 23.3	0.2
KAN12	Harper NE Stat	1.43	332	Pn	Pn	16 32 24.4	0.0
X34A	Smith Ranch,	1.54	202	Pn	Pn	16 32 25.9	+0.1
U32A	Winter Ranch,	1.54	283	Pn	Pn	16 32 25.4	-0.4
U32A				Iamb_Lg	Iamb_Lg	16 32 49.9	
U32A	Winter Ranch,	1.54	283	P	Pn	16 32 26.3	+0.4
U32A				S	S	16 32 26.3	
WMOK	Wichita Mounta	1.86	226	Pn	Pn	16 32 30.6	+0.4
WMOK	Wichita Mounta	1.86	226	P	Pn	16 32 31.1	+0.8
WMOK				S	Sg	16 32 56.8	-0.8
WMOK	Wichita Mounta	1.86	226	P	P	16 32 31.1	
WMOK				S	S	16 32 56.8	

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
X37A	Clayton	2.04	134	Pn	Pn	16 32 32.7	0.0
X37A				Iamb_Lg	Iamb_Lg	16 33 05.3	
X37A	Clayton	2.04	134	P	Pn	16 32 33.2	+0.5
X37A				S	Sb	16 33 00.3	-0.7
X37A	Clayton	2.04	134	P	P	16 32 33.2	
X37A				S	S	16 33 00.3	
U38A	Gravette	2.26	79	Sb	Sb	16 33 08.5	+1.2
U38A				Sb	Sb	16 33 08.5	
R32A	Long Quarter,	2.69	333	Pn	Pn	16 32 41.6	0.0
R32A				P	P	16 32 43.3	+1.6
R32A	Long Quarter,	2.69	333	P	P	16 32 43.3	
R32A				S	S	16 32 43.3	
W39A	Magazine	2.86	106	Pn	Pn	16 32 44.0	0.0
W39A				P	P	16 32 44.7	+0.8
W39A	Magazine	2.86	106	P	P	16 32 44.7	
KSU1	Kansas State U	3.09	8	Iamb_Lg	Iamb_Lg	16 33 37.9	
AMTX	Amarillo	3.88	254	Iamb_Lg	Iamb_Lg	16 34 01.2	
ABTX	Abilene, Hawle	3.98	212	Iamb_Lg	Iamb_Lg	16 34 11.3	
WHAR	Woody Hollow	4.02	99	Iamb_Lg	Iamb_Lg	16 34 13.9	
FCAR	Ozark Folk Cen	4.07	91	Iamb_Lg	Iamb_Lg	16 34 11.4	
MGMO	Mountain Grove	4.08	73	Iamb_Lg	Iamb_Lg	16 34 13.2	
P38A	Dawn	4.58	37	Iamb_Lg	Iamb_Lg	16 34 35.7	
N35A	Tabor	4.96	13	Iamb_Lg	Iamb_Lg	16 34 41.9	
CCM	Cathedral Cave	5.13	65	Iamb_Lg	Iamb_Lg	16 34 38.1	
KSC0	Kaye Shedlock	5.27	306	Iamb_Lg	Iamb_Lg	16 34 50.7	
PBMO	Poplar Bluff	5.46	80	Iamb_Lg	Iamb_Lg	16 34 58.5	
N38A	Joes South For	5.65	32	Iamb_Lg	Iamb_Lg	16 35 08.2	
JUCT	Junction City	5.97	203	Iamb_Lg	Iamb_Lg	16 35 13.7	
SIC1	Southern Ilin	6.57	73	Iamb_Lg	Iamb_Lg	16 35 25.2	
T45A	Paducah	6.91	79	Iamb_Lg	Iamb_Lg	16 35 34.6	
O44A	Mansfield	7.98	56	Iamb_Lg	Iamb_Lg	16 36 14.2	
WCI	Wyandotte Cave	8.94	73	Iamb_Lg	Iamb_Lg	16 36 38.3	
BLO	Bloomington	8.99	66	Iamb_Lg	Iamb_Lg	16 36 44.5	

IDC 23 16:33:24.9,2.5,37.76N:77.59E,h0km,mb3.4/4,
 mb1 3.5/6,mb1mx3.3/36,mbtmp3.4/6,ML3.0/2, Error
 ellipse: s-maj=52.1km s-min=26.2km az=143.0
 NNC 23 16:33:33.7,5.1,37.88N:78.39E,h0km,mb4.0,mpv3.6,
 Error ellipse: s-maj=41.6km s-min=31.9km az=54.0
 ISC 23 16:33:23.3,1.7,37.72N:0.1,77.9E,0.1,h10km,n21,
 c#243/21,mb3.5,4,5C-SD,Southern Xinjiang

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
SATY	Saty	5.85	4	Op	Pg	16 35 07.6	+2.0
SATY				Lg	Lg	16 36 19.4	
TNSS	Tian-Shan	5.86	353	Pg	Pb	16 35 06.5	+0.7
TNSS				Lg	Lg	16 36 17.4	
IZV	Izvestkoviy	5.89	351	Pg	Pb	16 35 09.0	

23d 19h

Table of astronomical observations for 23d 19h, listing stations like ASAR Alice Springs, WB0 Warramunga Arr, WB2 Warramunga Arr, etc., with columns for station name, coordinates, and observation details.

2015 AUG

Table of astronomical observations for 2015 AUG, listing stations like HERR Herculanee, CONA Conrad Oberassa, MOA Molin, etc., with columns for station name, coordinates, and observation details.

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Table of astronomical observations for 1186, listing stations like GSPA South Pole Qui, MJAR Matushiro Arr, CMAR Chiang Mai Arr, etc., with columns for station name, coordinates, and observation details.

2015 AUG 19:21:58.71, 6.3477N, 126.64E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/52, mb1mp3.6/5, ML3.7/1, Error ellipse: s-maj=98.5km s-min=24.0km az=60.0, Talaud Islands

Table of astronomical observations for 2015 AUG 19:21:58.71, listing stations like SJIJ Sorong, WRA Warramunga Arr, ASAR Alice Springs, etc., with columns for station name, coordinates, and observation details.

2015 AUG 19:27:27.6, 1.2, 68.5S; 177.96W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/25, mb1mp4.0/3, MS3.5/1, Ms1 3.5/1, ms1mx2.6/36, Error ellipse: s-maj=33.7km s-min=15.0km az=73.0, NEIC 23 19:27:34.7, 1.2, 68.5S; 177.96W, 0.2, h61km, 6km, mb4.4/18, Error ellipse: s-maj=24.5km s-min=15.4km az=55.0

2015 AUG 19:27:35.2, 1.1, 29.3S; 011:177.8W, 0.1, h68km, 6km, n40, s122/34, mb4.2/12, Kermadec Islands

Table of astronomical observations for 2015 AUG 19:27:35.2, listing stations like RAO Raoul Island, MUZ Matakaoa Point, OKX Omahuta, etc., with columns for station name, coordinates, and observation details.

2015 AUG 19:50:08.9, 18.0, 231.15S; 176.39W, h142km, 122km, mb3.7/4, mb1 3.9/5, mb1mx3.3/44, mb1mp4.1/5, ML5.2/1, MS3.0/1, Ms1 3.0/1, ms1mx2.7/26, Error ellipse: s-maj=189.1km s-min=38.1km az=137.0, ISC 23 19:50:09.9, 1.9, 231.1S; 0.3:176.4W, 0.3, h150km, n7, s121/18, mb3.9/4, South of Fiji Islands

Table of astronomical observations for 2015 AUG 19:50:08.9, listing stations like MSVF Nonsavu, CTAR Charters Tower, ASAR Alice Springs, etc., with columns for station name, coordinates, and observation details.

2015 AUG 19:54:21.4, 0.5, 55.5N; 93.44E, h0km, mb4.4/30, mb1 4.5/32, mb1mx4.4/33, mb1mp4.4/32, ML4.0/2, MS3.5/10, Ms1 3.5/10, ms1mx3.2/44, Error ellipse: s-maj=16.4km s-min=11.9km az=60.0, NEIC 23 19:54:33.3, 1.5, 54.4N; 0.07:93.41E, 0.06, h10km, 1km, mb4.6/32, Error ellipse: s-maj=14.1km s-min=6.7km az=136.0, BUJ 23 19:54:26.0, 0.0, 5.40N; 93.34E, h48km, mB5.1/18, mB4.6/41, MS4.5/5, MS7.4/25, DJA 23 19:54:27.9, 0.8, 5.5N; 94.0E, h41km, 7km, M4.9/13, mB5.3/5, mb4.9/13, ML4.9/6, Mw(mB)4.7/5, ISC 23 19:54:25.6, 1.6, 5.45N; 0.06:93.43E, 0.06, h30km, 1.1km, ms1mx3.0/22, mb4.6/32, mb4.6/32, MS3.5/8, 22C-4/2D, Fault plane solution: NP1: 346.34320; 348.87763; -43.07922; NP2: 107.93425; 359.03495; -129.91670; Principal axes: T P1g5.8097; Azm225.0683; N P1g33.3823; Azm131.2240; P P1g55.9818; Azm323.7384; Off west coast of northern Sumatra

Table of astronomical observations for 2015 AUG 19:54:21.4, listing stations like TPTI Taitai, PKDT Phuket, TSJ Taitai, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2015 AUG 19:21:58.71, listing stations like HERR Herculanee, CONA Conrad Oberassa, MOA Molin, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2015 AUG 19:54:21.4, listing stations like TPTI Taitai, PKDT Phuket, TSJ Taitai, etc., with columns for station name, coordinates, and observation details.

23d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUA01 Guaratinga, BA, 27.71 84 eP, P, 20 08 14.5 -0.5.

IDC 23 20:16.42:7.2,8.23:02S;179:52W,h0km,mb4.6/5, mb1 4.7/5,mb1mx4.1/24,mbtmp4.6/5,Error ellipse: s-maj=73.9km s-min=46.7km az=138.0

ISC 23 20:17:36.0-1.1,24.9S;01:179.7E:0.2,h500km,n35, a=147/34,mb4.2/16, South of Fiji Islands

Main table for 23d 20h section, listing various seismic stations and their data points.

IDC 23 20:20:04.4:1.0,20:09S;70:58W,h0km,mb3.6/3, mb1 3.9/6,mb1mx3.7/24,mbtmp3.6/6,ML4.0/3,MS3.0/3, Ms1 3.0/3,ms1mx2.8/28,Error ellipse: s-maj=35.9km s-min=28.9km az=116.0

NEIC 23 20:20:10.8:1.8,20:37S;0:04:70:4W:0.1,h47km,6km, Error ellipse: s-maj=13.7km s-min=6.0km az=89.0

GUC 23 20:20:12.5:0.7,20:36S;70:28W,h46km,2km,ML4.2, ISC 23 20:20:10.1:0.2,20:34S;0:03:70:47W:0.07,h43km,8km, n57,r=112/59,mb3.6/3,5C-3D,Near coast of northern Chile

Table for 23d 20h section, listing stations like TA02 Huaiquique, TA02 Huaiquique, TA01 Diego Aracena, etc.

2015 AUG

Main table for 2015 AUG section, listing stations like AP01 Chacalluta, PB04 IPOC Station P, PB04 IPOC Station P, etc.

IDC 23 20:23:52.6:4.1,9:47S;117:11E,h0km,mb3.2/2, mb1 3.3/3,mb1mx3.2/29,mbtmp3.1/3,ML3.0/1,Error ellipse: s-maj=31.27km s-min=28.0km az=49.0

DJA 23 20:24:00.1:0.8,10:54S;4:11:7E:1,h11km,6km,ML4.0/12, mb4.2/2,MLV3.9/12

ISC 23 20:24:02.4:1.0,9:44S;0:09:117:52E:0.05,h71km,n18, a=117/21,Sumbawa region

Table for 2015 AUG section, listing stations like Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLAI Plampang, TWSI Taliwang, etc.

BJI 23 20:39:41.5:0.0,6:4N;97:90E,h20km,mb5.2/20, mb4.5/38,MS4.3/2,ML4.7/7

IDC 23 20:39:41.5:0.0,6:4N;97:91E,h0km,mb4.4/21, mb1 4.4/22,mb1mx4.2/57,mbtmp4.4/22,ML4.6/1,MS3.6/9, Ms1 3.7/9,ms1mx3.4/34,Error ellipse: s-maj=18.7km s-min=14.0km az=68.0

NEIC 23 20:39:45.8:1.5,0:81N;0:09:97:81E:0.08,h29km,5km, mb4.6/21,Error ellipse: s-maj=13.7km s-min=11.1km az=193.0

DJA 23 20:39:46.3:0.4,1:2N;9:9E:1,h27km,4km,MS5/19, mb5.0/19,mb5.6/7,MLV4.9/13,MW(m)5.0/7,Mw/M19, Mw/5.7

ISC 23 20:39:46.4:0.4,0:85N;0:05:97:78E:0.06,h32km,n12, a=143/103,mb4.6/24,MS3.6/9,1C-1D,Northern Sumatra

Table for 2015 AUG section, listing stations like Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSI Gunungsitoli, GSI Gunungsitoli, etc.

1188

Main table for 1188 section, listing stations like LWLI Liwa, KASI Kuta Agung, DBJI Drama, etc.

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

Table with columns: ORD, ISHB, SNGE, SNGE, HAGO, HAGO, IMRD, IMRD, ZRD, ILIN, etc. Includes stations like Ordubad, Shebaster, Samandaj, etc.

Table with columns: PB04, IPOC Station P, PB04, IPOC Station P, PB06, IPOC Station P, etc. Includes stations like IPOC Station P, Limor Verde, etc.

IDC 23/20:44:00.6,0.3,2.85S;122.43E,h0km,mb3.9/9, mb1.4,1/10,mb1mx3.9/45,mbmp4.0/10,ML4.2,1,MS3.7/6, Ms1.3.7/6,ms1mx3.3/33,Error ellipse: s-maj=33.8km s-min=16.5km az=68.0

SJA 23/20:57.04.0.3,0.19:68S;70.33W,h77km,2km,ML4.3, MW4.2

LPAZ La Paz comp=Z.216nm,0.4s 4.02 32 P Pn 20 58 08.0 +2.7

ISC 23/20:44:02.4,0.7,2.83S;104.122:45E:0.07,h10km,n30, s064239,mb3.9/8,MS3.7/5,Sulawesi

NEIC 23/20:57.05.9.2,3,19:73S;0.03:70.41W:0.07,h62km,5km, Error ellipse: s-maj=9.6km s-min=2.9km az=72.0

LPAZ La Paz comp=Z.151nm,18.4s,baz=234,slow=61 4.02 32 Pn 20 58 08.4 +3.1

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KKSJ, APST, TTSI, BNSI, etc.

VAO 23/20:57.05.8.0,3,19:61S;70.24W,h60km,mb4.5 IDC 23/20:57.06.3.2,4,19:60S;70.19W,h62km,24km,mb4.0/15, mb1.4,2/17,mb1mx3.9/41,mbmp4.3/17,ML4.1/2,MS3.2/11, Ms1.3.2/11,ms1mx3.1/32,Error ellipse: s-maj=19.2km s-min=15.5km az=83.0

AC02 Maricunga 7.16 171 Pn 20 58 48.9 +0.8 AC02 Maricunga 7.16 171 eP Sn 20 58 49.0 +0.8 AC02 Maricunga 7.16 171 eS Sn 20 58 49.1 +0.8

NEIC 23/20:57.06.19.73S;70.38W,h73km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr-1.24; Mw-1.28; Mz-2.52; Mw-1.66; Mw-1.40; Mr-2.06; Fault plane solution: Ms3.70000:10^15 NP1:0.265000^o, 076.30000^o, lambda-48.70000^o. NP2:0.12574000^o, 043.12000^o, lambda-159.73000^o. Principal axes: T 3.5212, Plg2.0000^o, Azm81.0000^o; N 0.3406, Plg4.0000^o, Azm189.0000^o; P -3.8618, Plg43.0000^o, Azm330.0000^o

GO03 Copiap 7.83 179 Pn 20 58 55.9 -1.0 GO03 Copiap 7.83 179 eP Sn 20 58 57.0 +0.1 GO03 Copiap 7.83 179 eS Sn 20 58 58.1 +0.2

GUC 23/20:57.05.0.7,19:68S;70.25W,h69km,2km,ML4.4 ISC 23/20:57.05.06.0.7,19:73S;0.03:70.34W:0.05,h66km,6km, s196,e19S/221,mb4.8/26,10d,Near coast of northern Chile

AC04 Llanos de Chal 8.46 184 Pn 20 59 02.6 -2.9 AC04 Llanos de Chal 8.46 184 eP Sn 20 59 04.0 -1.5 AC04 Llanos de Chal 8.46 184 eS Sn 20 01 35.0 -4.5

TEH 23/20:54:26.6,37.53N;48.82E,h7km,ML3.6 IRR 23/20:54:27.0,1.3,37.52N;48.85E,h14km,gm,ML3.7

TA02 Huaiquique 0.57 160 Pn 20 57 20.8 +1.9 TA02 Huaiquique 0.57 160 eP Sn 20 57 30.7 +2.1 TA02 Huaiquique 0.57 160 eS Sn 20 57 31.5

AGUA GUANDACOL 9.86 171 eP Sn 20 59 24.5 -0.2 AGUA GUANDACOL 9.86 171 eS Sn 20 59 12.6 -0.2 AGUA GUANDACOL 9.86 171 eS Sn 20 59 28.0 -0.5

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CSN1, RST1, ZNJK, etc.

TA02 Huaiquique 0.57 160 eP Sn 20 57 20.8 +1.9 TA02 Huaiquique 0.57 160 eS Sn 20 57 20.0 +1.1 TA02 Huaiquique 0.57 160 eS Sn 20 57 31.8

CELLO LA CRUZ 10.13 163 eP Sn 20 59 16.3 -4.3 CELLO LA CRUZ 10.13 163 eS Sn 20 59 30.2 -2.0 CELLO LA CRUZ 10.13 163 eS Sn 20 59 37.6 -2.0

PB11 IPOC Station P 0.65 93 Pn 20 57 20.4 +0.5 PB11 IPOC Station P 0.65 93 eS Sn 20 57 30.7 +0.4 PB11 IPOC Station P 0.65 93 eS Sn 20 57 31.6

VALLE FERTIL 11.97 167 eP Sn 20 01 41.6 -1.7 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -1.8 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -6.3

PB11 IPOC Station P 0.65 93 eS Sn 20 57 20.4 +0.5 PB11 IPOC Station P 0.65 93 eS Sn 20 57 30.6 +0.3 PB11 IPOC Station P 0.65 93 eS Sn 20 57 31.4 +1.0

COMBARBAL 11.44 183 Pn 20 59 43.4 -2.9 COMBARBAL 11.44 183 eP Sn 20 59 44.0 -2.3 COMBARBAL 11.44 183 eP Sn 20 59 44.5 -2.5

PB11 IPOC Station P 0.65 93 eS Sn 20 57 20.4 +0.5 PB11 IPOC Station P 0.65 93 eS Sn 20 57 31.4 +1.0 PB11 IPOC Station P 0.65 93 eS Sn 20 57 32.2

PONTES E LACER 11.50 70 eP Sn 20 59 49.8 -1.8 PONTES E LACER 11.50 70 eS Sn 20 59 49.8 -1.8 PONTES E LACER 11.50 70 eS Sn 20 59 49.8 -1.8

TA01 Diego Aracena 0.85 170 eP Sn 20 57 23.9 +1.9 TA01 Diego Aracena 0.85 170 eP Sn 20 57 23.9 +1.9 TA01 Diego Aracena 0.85 170 eS Sn 20 57 36.3 +2.1

VALLE FERTIL 11.97 167 eP Sn 20 01 41.6 -1.7 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -1.8 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -6.3

TA01 Diego Aracena 0.85 170 eP Sn 20 57 23.7 +1.7 TA01 Diego Aracena 0.85 170 eP Sn 20 57 23.0 +1.0 TA01 Diego Aracena 0.85 170 eS Sn 20 57 37.6 +2.6

VALLE FERTIL 11.97 167 eP Sn 20 01 41.6 -1.7 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -1.8 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -6.3

PB08 IPOC Station P 1.19 110 Pn 20 57 28.1 +1.3 PB08 IPOC Station P 1.19 110 eS Sn 20 57 43.7 +1.2 PB08 IPOC Station P 1.19 110 eS Sn 20 57 43.7 +1.2

VALLE FERTIL 11.97 167 eP Sn 20 01 41.6 -1.7 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -1.8 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -6.3

PB08 IPOC Station P 1.19 110 eS Sn 20 57 28.0 +1.3 PB08 IPOC Station P 1.19 110 eS Sn 20 57 44.3 +1.8 PB08 IPOC Station P 1.19 110 eS Sn 20 57 45.0

VALLE FERTIL 11.97 167 eP Sn 20 01 41.6 -1.7 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -1.8 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -6.3

AP01 Chacalluta 1.35 0 Pn 20 57 29.4 +0.9 AP01 Chacalluta 1.35 0 eS Sn 20 57 46.0 +0.4 AP01 Chacalluta 1.35 0 IAML 20 57 48.3

VALLE FERTIL 11.97 167 eP Sn 20 01 41.6 -1.7 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -1.8 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -6.3

AP01 Chacalluta 1.35 0 Pn 20 57 29.4 +0.9 AP01 Chacalluta 1.35 0 eS Sn 20 57 46.0 +0.4 AP01 Chacalluta 1.35 0 IAML 20 57 48.3

VALLE FERTIL 11.97 167 eP Sn 20 01 41.6 -1.7 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -1.8 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -6.3

PB01 IPOC Station P 1.53 149 Pn 20 57 32.3 +1.3 PB01 IPOC Station P 1.53 149 eP Sn 20 57 32.3 +1.3 PB01 IPOC Station P 1.53 149 eP Sn 20 57 32.3 +1.3

VALLE FERTIL 11.97 167 eP Sn 20 01 41.6 -1.7 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -1.8 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -6.3

PB01 IPOC Station P 1.53 149 eP Sn 20 57 32.3 +1.3 PB01 IPOC Station P 1.53 149 eP Sn 20 57 32.3 +1.3 PB01 IPOC Station P 1.53 149 eP Sn 20 57 32.3 +1.3

VALLE FERTIL 11.97 167 eP Sn 20 01 41.6 -1.7 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -1.8 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -6.3

PB02 IPOC Station P 1.64 165 eP Sn 20 57 34.1 +1.7 PB02 IPOC Station P 1.64 165 eP Sn 20 57 54.5 +1.9 PB02 IPOC Station P 1.64 165 eP Sn 20 58 00.9

VALLE FERTIL 11.97 167 eP Sn 20 01 41.6 -1.7 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -1.8 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -6.3

PB02 IPOC Station P 1.64 165 eP Sn 20 57 34.1 +1.7 PB02 IPOC Station P 1.64 165 eP Sn 20 57 54.5 +1.9 PB02 IPOC Station P 1.64 165 eP Sn 20 58 00.9

VALLE FERTIL 11.97 167 eP Sn 20 01 41.6 -1.7 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -1.8 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -6.3

PB02 IPOC Station P 1.64 165 eP Sn 20 57 34.1 +1.7 PB02 IPOC Station P 1.64 165 eP Sn 20 57 54.5 +1.9 PB02 IPOC Station P 1.64 165 eP Sn 20 58 00.9

VALLE FERTIL 11.97 167 eP Sn 20 01 41.6 -1.7 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -1.8 VALLE FERTIL 11.97 167 eS Sn 20 01 40.0 -6.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DZA, TRKS, ANVS, PRZ, BTLS, KK31, etc.

ADC 23 21:39:30.1±2.5, 0.66N, 126.77E, h0km, mb3.1/3, mb1 3.3/3, mb1mx3.2/4.4, mbtmp3.1/3, Error ellipse: s-maj=21.9km s-min=29.3km az=66.0, Northern Molucca Sea

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

ADC 23 21:46:55.2±1.7, 54.77N, 164.45E, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.5/37, mbtmp3.7/6, ML2.7/1, Error ellipse: s-maj=56.9km s-min=23.4km az=159.0

KRSC 23 21:46:56.0±0.9, 54.79N, 164.39E, h46km, mb3.6/3, mb1 3.6/4, mb1mx3.5/68, mbtmp4.3/4.0, Error ellipse: s-maj=11.4km s-min=10.2km az=140.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BKI, MKZ, KBTR, ZLN, KZV, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SPN, ESO, SDDL, etc.

NEIC 23 22:13:10.1±1.2, 18.76N, 105.145E, h133km, 6km, mb4.3/31, Error ellipse: s-maj=21.5km s-min=12.0km az=90.0

ADC 23 22:13:10.8±2.1, 18.78N, 145.55E, h152km, 20km, mb3.9/17, mb1 4.0/19, mb1mx3.9/35, mbtmp4.3/19, Error ellipse: s-maj=19.0km s-min=10.1km az=90.0

ISC 23 22:13:10.0±0.5, 18.74N, 0.05E, h174km, 0.1, h150km, n72, c15174/1, mb4.2/34, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ANA2, ANA2, GUMO, etc.

ADC 23 22:13:10.0±0.5, 18.74N, 0.05E, h174km, 0.1, h150km, n72, c15174/1, mb4.2/34, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, WRA, MA2, etc.

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

TUL 23 22:18:58.6±0.9, 36.94N, 0.01E, 97.685W, 0.004, h5km, 5km, ML2.7, mb_Lg2.7/46(NEIC), Error ellipse: s-maj=1.6km s-min=0.5km az=174.0

NEIC 23 22:18:58.9±0.6, 36.93N, 0.01E, 97.68W, 0.01, h9km, 2km, Error ellipse: s-maj=1.9km s-min=1.6km az=171.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KAN17, GC02, KAN13, etc.

SKHL 23 22:37:19.8±0.3, 47.00N, 144.80E, h389km, 3km, mb4.9/16, mb4.7/2, msh4.5/3, msha5.2/11

MOS 23 22:37:19.3±1.0, 47.08N, 144.72E, h401km, mb4.3/12, mb1 4.0/6, mb1mx3.5/37, mbtmp3.7/6, ML2.7/1, Error ellipse: s-maj=9.9km s-min=6.5km az=105.6

ADC 23 22:37:19.4±1.3, 47.15N, 144.81E, h390km, 13km, mb3.5/34, mb1 3.6/40, mb1mx3.5/68, mbtmp4.3/4.0, Error ellipse: s-maj=11.4km s-min=10.2km az=140.0

JMA 23 22:37:20.2±0.5, 46.65N, 144.90E, h418km, M4.0, NEIC 23 22:37:20.1±0.7, 47.12N, 144.80E, h390km, 7km, mb4.2/35, Error ellipse: s-maj=15.7km s-min=9.4km az=105.0

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like AROD, ACUV, ACDO, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMSA, RUSC, ROSB, etc.

SNA	Snae	55.34	159	P	P	23 19 33.7	-0.3
comp=Z,209nm,0.8s,baz=279,slow=6.2,SNR=569							
SNA	Snae	55.34	159	eP	Pmax	23 19 34.0	-0.1
comp=Z,344nm,1.0s							
SNA	Snae	55.34	159	P	P	23 19 33.4	-0.7
IAMS_20 IAMS_20 23 40 50.8							
UNM	Universidad Na	55.65	328	P	P	23 19 38.6	+1.5
comp=Z,183nm,1.0s							
UNM	Universidad Na	55.65	328	P	P	23 19 38.6	+1.5
comp=Z,3um,19.0s							
RKT	Rikitea	56.75	261	eT	T	00 20 44.0	
comp=Z,16nm,0.3s							
MOIG	Morelia	56.91	326	P	P	23 19 45.9	-0.2
comp=Z,36nm,0.8s							
060A	Indiantown	57.09	350	P	P	23 19 47.0	+0.2
IAMS_20 IAMS_20 23 45 43.1							
ASCN	Ascension	57.51	80	P	P	23 19 49.5	-0.8
DWPF	Disney Wildern	58.30	350	P	P	23 19 54.9	-0.5
comp=Z,47nm,0.9s							
DWPF	Disney Wildern	58.30	350	P	P	23 19 55.4	+0.1
baz=170							
ZAIG	Zacatecas	60.21	327	P	P	23 20 10.1	+1.0
GSPA	South Pole Qui	60.51	180	P	P	23 20 10.5	0.0
SHEL	Horse Pasture	61.28	93	P	P	23 20 15.9	-0.4
comp=Z,134nm,1.0s							
SHEL	Horse Pasture	61.28	93	P	P	23 20 15.9	-0.4
IAMS_20 IAMS_20 23 20 21.0							
TIGA	Tifton	61.92	348	P	P	23 20 19.9	-0.2
comp=Z,55nm,1.0s							
TIGA	Tifton	61.92	348	P	P	23 20 19.9	-0.2
baz=168							
BBSR	BB Station	62.07	6	P	P	23 20 20.9	-0.2
comp=Z,60nm,1.2s							
255A	Hazelhurst	62.21	349	IAMB	IAMB	23 20 23.0	
comp=Z,74nm,1.1s							
KVTX	Kingsville	62.35	333	P	P	23 20 23.5	+0.4
BRAL	Brewton	62.36	345	P	P	23 20 22.8	-0.3
BRAL	Brewton	62.36	345	P	P	23 20 23.3	+0.1
baz=165							
BRAL	Brewton	62.36	345	P	P	23 20 23.3	+0.1
S 23 28 46.4 -0.9							
CSU	Charleston Sou	62.91	352	P	P	23 20 26.9	+0.3
250A	Grady	62.97	346	IAMB	IAMB	23 20 27.9	
comp=Z,75nm,1.2s							
NHSC	New Hope	63.04	352	P	P	23 20 28.1	+0.5
baz=171,SNR=11							
152A	Waverly Hall	63.33	347	IAMB	IAMB	23 20 30.1	
comp=Z,28nm,0.8s							
735A	Kenedy	63.49	334	P	P	23 20 31.6	+0.9
441A	DeRidder	63.62	339	P	P	23 20 32.5	+1.0
833A	Chaparral WMA	63.64	332	P	P	23 20 33.1	+1.4
baz=153							
833A	Chaparral WMA	63.64	332	P	P	23 20 33.1	+1.4
S 23 29 04.0 +0.7							
Y59A	Loris	63.76	353	P	P	23 20 32.2	-0.1
comp=Z,30nm,0.9s							
Y59A	Loris	63.76	353	P	P	23 20 32.2	-0.1
IAMS_20 IAMS_20 23 47 00.7							
Y59A	Loris	63.76	353	P	P	23 47 49.1	
comp=Z,1um,22.0s							
GOGA	Godfrey	63.82	349	P	P	23 20 32.2	-0.6
comp=Z,1um,22.0s							
GOGA	Godfrey	63.82	349	P	P	23 20 32.2	-0.6
baz=168,SNR=11							
342A	Flagon Creek P	63.95	340	P	P	23 20 33.9	+0.3
Y57A	Sumter	63.96	352	IAMB	IAMB	23 20 34.8	
comp=Z,36nm,0.8s							
SACV	Santiago Islan	63.97	53	P	P	23 20 33.7	-0.4
comp=Z,53nm,1.1s							
LRAL	Lakeview Retre	64.15	345	P	P	23 20 34.5	-0.4
baz=165,SNR=17							
LRAL	Lakeview Retre	64.15	345	P	P	23 20 34.5	-0.4
S 23 29 06.6 -2.9							
VBMS	Vicksburg	64.23	342	P	P	23 20 36.0	+0.6
VBMS	Vicksburg	64.23	342	P	P	23 20 36.5	+1.1
baz=162							
VBMS	Vicksburg	64.23	342	P	P	23 20 36.5	+1.1
S 23 29 10.9 +0.4							
146A	Union	64.25	343	IAMB	IAMB	23 20 37.4	
comp=Z,65nm,1.1s							
JSC	Jenkinsville	64.34	351	IAMB	IAMB	23 20 37.2	
comp=Z,31nm,1.0s							
JSC	Jenkinsville	64.34	351	IAMB	IAMB	23 20 37.2	
IAMS_20 IAMS_20 23 50 20.3							
X58A	Rowland	64.37	353	IAMS_20	IAMS_20	23 48 05.9	
comp=Z,1um,20.0s							
Y52A	Libburn	64.37	348	IAMB	IAMB	23 20 37.2	
comp=Z,65nm,1.2s							
Z47A	Carrollton	64.55	344	IAMB	IAMB	23 20 38.5	
comp=Z,83nm,1.1s							
BIRD	Birdtown, Kers	64.59	352	IAMB	IAMB	23 20 38.3	
comp=Z,39nm,1.1s							
SLBS	Sierra La Lagu	64.77	321	P	P	23 20 39.8	+0.5
CNCC	Cliffs of the	64.90	354	P	P	23 20 40.1	+0.4
CNCC	Cliffs of the	64.90	354	P	P	23 20 40.3	+0.6
baz=174,SNR=5.4							
CNCC	Cliffs of the	64.90	354	P	P	23 20 40.3	+0.6
S 23 29 19.6 +0.9							
143A	Scot's Landing,	64.93	341	P	P	23 20 40.6	+0.6
PAULI	Pauline	64.95	350	IAMB	IAMB	23 20 41.3	
comp=Z,41nm,1.1s							
PAULI	Pauline	64.95	350	IAMB	IAMB	23 20 41.3	
IAMS_20 IAMS_20 23 50 30.4							
NATX	Nacogdoches	65.03	338	P	P	23 20 41.5	+0.8
NATX	Nacogdoches	65.03	338	P	P	23 20 41.9	+1.2
baz=158,SNR=7.0							
NATX	Nacogdoches	65.03	338	P	P	23 20 41.9	+1.2
S 23 29 22.8 +2.4							
W57A	Gilead	65.03	352	IAMB	IAMB	23 20 41.7	
comp=Z,47nm,1.1s							
W57A	Gilead	65.03	352	IAMB	IAMB	23 20 41.7	
IAMS_20 IAMS_20 23 50 58.7							
435B	Jarrell	65.14	335	IAMB	IAMB	23 20 43.5	
comp=Z,985nm,21.0s							
435B	Jarrell	65.14	335	IAMB	IAMB	23 20 43.5	
comp=Z,40nm,0.9s							
435B	Jarrell	65.14	335	IAMB	IAMB	23 20 43.5	
baz=155							
435B	Jarrell	65.14	335	IAMB	IAMB	23 20 43.5	
S 23 29 23.2 +1.3							
KMSC	Kings Mountain	65.19	351	IAMB	IAMB	23 20 42.8	
comp=Z,35nm,1.0s							
KMSC	Kings Mountain	65.19	351	IAMB	IAMB	23 20 42.8	
IAMS_20 IAMS_20 23 50 43.9							
KMSC	Kings Mountain	65.19	351	IAMB	IAMB	23 20 42.8	
baz=170,SNR=14							
KMSC	Kings Mountain	65.19	351	IAMB	IAMB	23 20 42.8	
S 23 29 20.9 -1.5							
HPIG	Fort Payne	65.22	326	IAMB	IAMB	23 20 44.8	
comp=Z,52nm,1.1s							
FPAL	Fort Payne	65.31	347	IAMB	IAMB	23 20 43.3	
comp=Z,46nm,1.0s							
W52A	Murphy	65.55	349	IAMB	IAMB	23 20 45.3	
comp=Z,77nm,1.1s							
V58A	Windy Hill, Pi	65.57	353	IAMB	IAMB	23 20 44.6	
comp=Z,36nm,0.8s							
237A	Washetta, Mont	65.63	337	P	P	23 20 45.5	+0.9
JCT	Junction City	65.71	333	P	P	23 20 46.2	+1.0
baz=153,SNR=22							
JCT	Junction City	65.71	333	P	P	23 20 46.2	+1.0
S 23 29 29.5 +0.6							
Z41A	Richland Creek	65.85	340	P	P	23 20 46.9	+1.0
baz=160							
Z41A	Richland Creek	65.85	340	P	P	23 20 46.9	+1.0
S 23 29 32.0 +1.6							
V55A	Taylorville	65.88	351	IAMB	IAMB	23 20 47.4	
comp=Z,77nm,1.1s							
W50A	Signal Mountai	65.90	347	IAMB	IAMB	23 20 47.5	
comp=Z,84nm,1.2s							
V53A	Saluda	65.93	350	IAMB	IAMB	23 20 47.5	
comp=Z,43nm,1.1s							
CPCT	Cooper Cave	66.00	348	IAMB	IAMB	23 20 48.0	
comp=Z,72nm,1.1s							
U59A	Littleton	66.00	354	IAMB	IAMB	23 20 48.6	
comp=Z,71nm,1.1s							

SWET	Seawnee	66.03	347	IAMB	IAMB	23 20 48.2	
comp=Z,82nm,1.1s							
TKL	Tuckaleechee C	66.07	349	IAMB	IAMB	23 20 48.2	
comp=Z,55nm,1.1s							
OXF	Oxford	66.12	344	P	P	23 20 47.4	-0.3
baz=163,SNR=26							
OXF	Oxford	66.12	344	P	P	23 20 47.4	-0.3
S 23 29 30.5 -3.1							
CCAR	Canoe Creek	66.17	341	P	P	23 20 47.9	-0.1
WHTX	White Oak Lake	66.17	336	P	P	23 20 48.9	+0.8
baz=155							
WHTX	White Oak Lake	66.17	336	P	P	23 20 48.9	+0.8
S 23 29 34.3 -0.3							
V52A	Sevierville	66.22	349	IAMB	IAMB	23 20 49.1	
comp=Z,70nm,1.1s							
PLAL	Pickwick Lake	66.26	345	IAMB	IAMB	23 20 49.3	
comp=Z,60nm,1.1s							
U56A	King	66.26	352	IAMB	IAMB	23 20 50.0	
comp=Z,42nm,1.0s							
U56A	King	66.26	352	IAMB	IAMB	23 20 50.0	
IAMS_20 IAMS_20 23 49 04.0							
V51A	Loudon	66.31	348	IAMB	IAMB	23 20 49.7	
comp=Z,43nm,0.9s							
TX31	Lajitas Ar, Si	66.34	340	P	P	23 20 50.9	
comp=Z,68nm,0.9s							
TXAR	Lajitas Arroy	66.33	329	P	P	23 20 49.6	+0.3
comp=Z,16nm,0.9s,baz=144,slow=8.8,SNR=66							
TXAR	Lajitas Arroy	66.33	329	P	P	23 20 49.6	+0.3
comp=Z,1um,20.7s,baz=0.0,slow=32							
TXAR	Lajitas Arroy	66.33	329	P	P	23 20 49.6	+0.3
PKP2bc							
WLAR	White Oak Lake	66.34	340	P	P	23 20 50.2	+1.1
Z38A	Mt. Pleasant	66.52	339	IAMB	IAMB	23 20 52.4	
comp=Z,48nm,0.9s							
U54A	Nelsons Funny	66.62	351	IAMB	IAMB	23 20 51.8	
comp=Z,71nm,1.0s							
U54A	Nelsons Funny	66.62	351	IAMB	IAMB	23 20 51.8	
IAMS_20 IAMS_20 23 51 48.6							
T60A	Surry	66.69	355	P	P	23 20 52.2	+0.9
comp=Z,1um,20.0s							
T60A	Surry	66.69	355	P	P	23 20 52.2	+0.9
IAMS_20 IAMS_20 23 50 41.4							
TZTN	Tazewell	66.90	349	IAMB	IAMB	23 20 53.6	
comp=Z,68nm,1.4s							
TZTN	Tazewell						

TPFO	Pinon Flats	76.07 322	P	P	23 21 50.0 +1.8
TPFO	Pinon Flats		S	S	23 21 33.5 +4.1
PFO	Pinyon Flats O	76.08 322	P	Pmax	23 21 50.0 +1.8
PFO	Pinon Flats O		MLR	MLR	
PFO	Pinon Flats O	76.08 322	P	P	23 21 50.0 +1.8
PFO	Pinon Flats O	76.08 322	IAMS_20	IAMS_20	23 48 15.9
PFO	Pinon Flats O	76.08 322	P	P	23 21 50.1 +1.8
PFO	Pinon Flats O		S	S	23 21 33.5 +4.0
PQI	Presque Isle	76.09 2	IAMS_20	IAMS_20	23 54 21.0
I37A	Lemond, Waseca	76.10 344	Iamb	Iamb	23 21 49.2
BELC	Belle Mtn, Jos	76.14 323	P	P	23 21 50.2 +1.6
ISCO	Idaho Springs	76.15 333	IAMS_20	IAMS_20	23 52 08.4
ISCO	Idaho Springs	76.15 333	P	P	23 21 50.0 +1.3
ISCO	Idaho Springs		S	S	23 21 32.8 +2.5
U15A	North Rim	76.21 327	Iamb	Iamb	23 21 52.2
K31A	O'Neil	76.28 340	IAMS_20	IAMS_20	23 54 38.6
SUR	Sutherland	76.40 120	P	P	23 21 51.0 +0.6
D63A	Stockholm	76.45 2	P	P	23 21 50.7 +0.9
MURC	Murrie	76.46 322	P	P	23 21 52.0 +1.7
MURC	Murrie		S	S	23 21 38.7 +5.1
D62A	Allapoint, All	76.47 2	Iamb	Iamb	23 21 51.4
D62A	Allapoint, All	76.47 2	P	P	23 21 50.7 +0.8
D62A	Allapoint, All		S	S	23 21 33.7 +0.9
GMRC	Granite Mounta	76.57 324	P	P	23 21 52.8 +1.8
GMRC	Granite Mounta		S	S	23 21 37.7 +2.8
E46A	Sault Ste Mari	76.63 351	Iamb	Iamb	23 21 51.9
E46A	Sault Ste Mari		IAMS_20	IAMS_20	23 54 40.6
F42A	Maple Grove Fa	76.65 348	P	P	23 21 50.9 +0.2
ECSD	EROS Data Cent	76.67 341	Iamb	Iamb	23 21 52.7
ECSD	EROS Data Cent	76.67 341	P	P	23 21 51.5 +0.3
ECSD	EROS Data Cent		S	S	23 21 34.6 +0.7
SC12	San Clemente I	76.73 321	P	P	23 21 53.5 +1.7
BATG	Bathurst New B	76.78 4	Iamb	Iamb	23 21 53.4
BATG	Bathurst New B		IAMS_20	IAMS_20	23 57 20.4
BBRC	Big Bear Solar	76.83 323	P	P	23 21 54.8 +2.2
KNB	Kanab	76.94 327	Iamb	Iamb	23 21 56.3
HEC	Hector, Ludlow	76.95 323	P	P	23 21 55.2 +2.1
HEC	Hector, Ludlow		S	S	23 21 43.1 +4.2
CIS	Catalina Islan	76.97 321	P	P	23 21 54.9 +1.7
PKCU	Pink Cliffs	77.04 328	Iamb	Iamb	23 21 56.7
E43A	Lone Tree Farm	77.05 349	IAMS_20	IAMS_20	23 58 32.8
SPMN	Marine on St.	77.10 345	Iamb	Iamb	23 21 54.4
SPMN	Marine on St.	77.10 345	P	P	23 21 53.2 +0.4
SPMN	Marine on St.		S	S	23 21 37.3 +2.5
MAW	Mawson	77.11 164	P	P	23 21 53.5 0.0
MAW	Mawson		LR	LR	23 58 36.8
FMP	Fort Macarthur	77.14 321	P	P	23 21 55.9 +1.8
BFSC	Mout Baldy Ra	77.20 322	P	P	23 21 56.1 +1.5
TUQ	Turquoise Moun	77.21 324	P	P	23 21 56.4 +1.7
TUQ	Turquoise Moun		S	S	23 21 45.9 +4.1
N23A	Red Feather La	77.22 334	P	P	23 21 56.1 +1.4
PHWY	Pilot Hill	77.39 334	Iamb	Iamb	23 21 57.4
MWC	Mount Wilson	77.40 322	Iamb	Iamb	23 21 58.6
PASC	Pasadena Art C	77.43 322	Iamb	Iamb	23 21 58.6
MTPU	Mount Pierson	77.47 328	Iamb	Iamb	23 21 58.8
SNCC	San Nicolas Is	77.47 320	P	P	23 21 57.3 +1.4
O20A	White River Ci	77.48 332	P	P	23 21 57.5 +1.4
O20A	White River Ci		S	S	23 21 47.9 +3.2
SZCU	Shurtz Canyon	77.53 327	Iamb	Iamb	23 21 59.5
GSC	Goldstone, Bar	77.56 323	IAMS_20	IAMS_20	23 51 27.3
GSC	Goldstone, Bar	77.56 323	P	P	23 21 58.2 +1.7
GSC	Goldstone, Bar		S	S	23 21 49.5 +3.9
DECC	Green Verdugo	77.57 322	P	P	23 21 58.3 +1.8
SRU	San Rafael Swe	77.60 330	Iamb	Iamb	23 21 59.0
CCUT	Cedar City	77.62 327	Iamb	Iamb	23 22 00.3
SHPR	Sheep Range	77.67 325	Iamb	Iamb	23 22 00.2
Q16A	Castle Valley	77.72 329	Iamb	Iamb	23 22 00.2
SHOC	Shoshone, Teco	77.75 324	P	P	23 21 58.9 +1.4
SHOC	Shoshone, Teco		S	S	23 21 51.6 +4.2
EDW2	Edwards Air Fo	77.87 322	P	P	23 21 59.4 +1.3
F36A	Milac	77.87 344	Iamb	Iamb	23 21 58.7
F36A	Milac		IAMS_20	IAMS_20	00 01 03.6
D41A	Chassel	77.98 348	IAMS_20	IAMS_20	23 56 56.5
P17A	Butcher Ranch,	77.99 330	Iamb	Iamb	23 22 01.3
SUSD	Miller	77.99 340	P	P	23 21 58.7 +0.1
SUSD	Miller		S	S	23 21 43.3 +0.3
TMUT	Trail Mountain	78.05 329	Iamb	Iamb	23 22 02.0
OSI	Osito Audit: C	78.06 322	IAMS_20	IAMS_20	23 49 49.3
OSI	Osito Audit: C	78.06 322	P	P	23 22 00.7 +1.4
SC2A	Santa Cruz Isl	78.09 321	P	P	23 22 01.0 +1.6
E38A	The Farm, Brul	78.13 346	Iamb	Iamb	23 21 59.8
LRMC	Laurel Mtn Rad	78.16 323	P	P	23 22 01.4 +1.5
PRN	Pahroc Range	78.32 326	Iamb	Iamb	23 22 03.9
PRN	Pahroc Range		IAMS_20	IAMS_20	23 54 10.2
KOWA	Kowa	78.34 66	P	P	23 22 00.7 +0.5

KOWA	Kowa	78.34 66	P	P	23 22 00.7 +0.5
KOWA	Kowa	78.34 66	P	P	23 22 01.3 +0.1
RWWY	Rawlins	78.39 333	IAMS_20	IAMS_20	23 53 38.8
SBC	Santa Barbara	78.47 321	P	P	23 22 02.8 +1.4
FURC	Furnace Creek,	78.49 324	P	P	23 22 03.3 +1.8
FURC	Furnace Creek,		S	S	23 21 59.5 +4.3
ARVC	Arvin	78.50 322	P	P	23 22 03.2 +1.6
F33A	Pat Rile Ranch,	78.54 342	IAMS_20	IAMS_20	23 58 30.3
TPNV	Topopah Spring	78.56 325	Iamb	Iamb	23 22 05.1
TPNV	Topopah Spring		IAMS_20	IAMS_20	23 52 09.5
TPNV	Topopah Spring	78.56 325	P	P	23 22 04.0 +1.9
ISA	Isabella, Lake	78.72 323	Iamb	Iamb	23 22 05.8
ISA	Isabella, Lake		IAMS_20	IAMS_20	23 51 23.8
ISA	Isabella, Lake	78.72 323	P	P	23 22 04.4 +1.5
ISA	Isabella, Lake		S	S	23 22 02.3 +4.5
PKM	Mpherson Peak	78.85 321	P	P	23 22 05.6 +1.8
K22A	Caspe	78.95 334	P	P	23 22 05.3 +1.2
K22A	Caspe		S	S	23 22 03.4 +3.1
NLU	North Lily Min	78.97 329	Iamb	Iamb	23 22 07.0
CWC	Cottonwood Cre	79.10 323	P	P	23 22 06.6 +1.5
GRAC	Grapevine Rang	79.16 324	P	P	23 22 06.9 +1.7
GRAC	Grapevine Rang		S	S	23 22 05.3 +2.9
YES	Vestal, Richgr	79.17 322	P	P	23 22 06.8 +1.5
JLU	Jonelle	79.23 330	Iamb	Iamb	23 22 08.0
SMMC	Simmler	79.27 321	P	P	23 22 08.0 +2.1
R11A	Troy Canyon, C	79.32 326	IAMS_20	IAMS_20	23 54 52.7
R11A	Troy Canyon, C	79.32 326	P	P	23 22 07.8 +1.5
R11A	Troy Canyon, C		S	S	23 22 07.9 +3.5
RSSD	Black Hills	79.33 337	P	Pmax	23 22 07.1 +0.8
RSSD	Black Hills		S	S	23 22 07.1 +0.8
RSSD	Black Hills	79.33 337	P	P	23 22 07.1 +0.8
RSSD	Black Hills		S	S	23 22 09.0 +4.7
EYMN	Ely	79.40 346	P	P	23 22 06.0 +0.3
EYMN	Ely		S	S	23 22 06.0 +3.9
DUG	Dugway, Toeole	79.50 329	Iamb	Iamb	23 22 09.7
DUG	Dugway, Toeole		S	S	23 22 08.5 +1.4
DUG	Dugway, Toeole		S	S	23 22 08.4 +2.2
DRLN	Deer Lake	79.58 9	Iamb	Iamb	23 22 08.8
DRLN	Deer Lake		IAMS_20	IAMS_20	23 58 28.3
TCUT	Toone Canyon,	79.63 330	Iamb	Iamb	23 22 11.5
TIN	Tinimaha, Ji	79.65 324	P	P	23 22 09.7 +1.7
TSUM	Tsum	79.83 106	P	P	23 22 09.7 +0.1
TSUM	Tsum		S	S	23 22 10.0 +0.5
HWUT	Hardware Ranch	79.80 331	Iamb	Iamb	23 22 12.3
HWUT	Hardware Ranch		IAMS_20	IAMS_20	23 53 44.2
PDAR	Pinedale Array	80.23 332	P	P	23 22 11.6 +0.4
PDAR	Pinedale Array		PKKPbc	PKKPbc	23 54 50.0 -3.1
PDAR	Pinedale Array		LR	LR	23 54 50.6
BW06	Boulder Array	80.23 332	IAMS_20	IAMS_20	23 54 29.5
BW06	Boulder Array		P	P	23 22 11.6 +0.4
BW06	Boulder Array		S	S	23 22 13.8 +0.2
SPUT	South Promonto	80.24 330	Iamb	Iamb	23 22 13.2
PMPB	Monarch Peak	80.38 321	Iamb	Iamb	23 22 15.2
PMPB	Monarch Peak		IAMS_20	IAMS_20	23 52 16.8
MLAC	Mammoth, Mammo	80.40 324	P	P	23 22 13.8 +1.6
E28A	Huff	80.44 340	Iamb	Iamb	23 22 13.2
PMOZ	Porto Moniz, M	80.62 44	eLR	LR	23 20 43.0
LHV	Little Huntuon	80.70 324	Iamb	Iamb	23 22 16.6
LHV	Little Huntuon		IAMS_20	IAMS_20	23 51 02.2
AGMN	Agassiz Nation	80.71 344	Iamb	Iamb	23 22 14.5
AGMN	Agassiz Nation		P	P	23 22 13.4 +0.1
NVAR	Mina Array Bea	80.73 324	P	P	23 22 14.8 +0.9
NVAR	Mina Array Bea		PKKPbc	PKKPbc	23 40 53.0 -1.6
NVAR	Mina Array Bea		PKPPK P	PKPPK P	23 48 55.5 +1.9
NVAR	Mina Array Bea		LR	LR	23 51 49.5
HVU	Hansel Valley	80.77 330	Iamb	Iamb	23 22 15.7
AHID	Auburn Hatcher	80.86 332	Iamb	Iamb	23 22 16.4
AHID	Auburn Hatcher		IAMS_20	IAMS_20	23 55 01.2
ELK	Elko	81.05 328	Iamb	Iamb	23 22 17.6
ELK	Elko		IAMS_20	IAMS_20	23 54 29.3
MDND	Maddock	81.28 341	P	P	23 22 16.9 +0.6
SNOW	Snow King Moun	81.30 332	IAMS_20	IAMS_20	23 55 01.7
LOHW	Long Hollow	81.36 332	IAMS_20	IAMS_20	23 55 15.4
TPAW	Teton Pass	81.40 332	IAMS_20	IAMS_20	23 55 39.4
BOSA	Boshof	81.54 118	P	P	23 22 18.0 +0.6
BOSA	Boshof		LR	LR	23 54 47.8
BOSA	Boshof		S	S	23 22 18.0 +0.6
YERR	Yerford	81.63 324	Iamb	Iamb	23 22 21.5
IMW	Indian Meadow	81.73 332	IAMS_20	IAMS_20	23 55 15.2
FLWY	Flagg Ranch	81.79 332	Iamb	Iamb	23 22 21.7
FLWY	Flagg Ranch		IAMS_20	IAMS_20	23 55 39.7
PNTR	Pine Nut	81.89 324	Iamb	Iamb	23 22 22.9
H17A	Grant Village	82.00 333	IAMS_20	IAMS_20	23 55 60.0
H17A	Grant Village		P	P	23 22 21.7 +1.2
LKWY	Lake	82.07 333	IAMS_20	IAMS_20	23 58 25.1
VCNR	Virginia City	82.07 324	Iamb	Iamb	23 22 23.8

RLMT	Red Lodge	82.09 334	IAMS_20	IAMS_20	23 56 07.8
RLMT	Red Lodge		S	S	23 22 21.8 +0.8
RLMT	Red Lodge		P	P	23 22 32.9 -0.3
YMP	Mirror Lake Pi	82.12 333	Iamb	Iamb	23 22 38.4
TORD	Torodi Ar, Bea	82.19 7	P	P	23 22 21.4 -0.6
TORD	Torodi Ar, Bea		LR	LR	23 57 32.7
PAHR	Pat Rile Range	82.25 325	Iamb	Iamb	23 22 24.7
Y28	Yellowstone No	82.28 333	Iamb	Iamb	23 22 25.4
LAO	LASA Array	82.32 337	Iamb	Iamb	23 22 23.7
LAO	LASA Array		P	P	23 22 22.5 +0.5
YMR	Madison River	82.38 333	Iamb	Iamb	23 22 25.1
YHH	Holmes Hill	82.43 333	Iamb	Iamb	23 22 25.3
AFDM	Forest Hills O	82.49 323	Iamb	Iamb	23 22 25.2
ULM	Lac du Bonnet	82.53 344	P	P	23 22 22.4 -0.5
ULM	Lac du Bonnet		Iamb	Iamb	23 22 23.8
QLMT	Quake Lak	82.70 332	Iamb	Iamb	23 22 25.1 +0.9
BEKR	Beckworth	82.86 324	Iamb	Iamb	23 22 27.6
HLID	Hailey	82.92 330	Iamb	Iamb	23 22 27.8
HLID	Hailey		IAMS_20	IAMS_20	23 55 06.7
HLID	Hailey	82.92 330	P	P	23 22 26.4 +1.1
MCCM	Marconi Cent	82.92 322	P	P	23 22 26.2 +1.1
MCCM	Marconi Cent		IAMS_20	IAMS_20	23 51 28.1
DGMT	Dagmar	83.21 339	P	P	23 22 27.1 +0.6
GDXM	Geysers	83.35 322	P	P	23 22 28.5 +1.0
GDXM	Geysers		Iamb	Iamb	23 22 30.3
BOZ	Bozeman (W)	83.41 333	IAMS_20	IAMS_20	23 56 43.7
BOZ	Bozeman (W)		P	P	23 22 28.1 +0.3
HOPS	Hopland Field	83.64 322	P	P	23 22 29.9 +1.1
HOPS	Hopland Field		Iamb	Iamb	23 22 42.8
O03E	Paynes Creek	83.92 324	P	P	23 22 30.4 0.0
SCHO	Schefferville	84.29 3	P	P	23 22 31.1 -0.7

Table with columns for station name, frequency, power, and other technical details. Includes stations like Alice Springs, Lovozero, Obninsk, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Solong, Lembang, Kappang, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MKAR, MKAR, KLR, etc.

24d 2h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MALB Monte Alegre, MDP Montagnes des, MDP comp-Z, 3.1nm, 0.3s, etc.

2015 AUG

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ESDC comp-Z, 4.1nm, 1.5s, SUMG Summit, TORQ Torodi Arr. Bea, etc.

1204

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NC204 NORSAR Array S, YKA Yellowknife Arr, YKA Yellowknife Arr, etc.

1205

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BDFB, RUSC, VNA3, etc.

THR 24 02:45:26.9, 0.3, 28.14N, 51.60E, h18km, 5km, ML3.8
TEH 24 02:45:28.8, 28.21N, 51.56E, h12km, ML3.5
ISC 24 02:45:30.1, 4.4, 28.24N, 0.08E, 0.08, h10km, n31,
a1811/31, Southern Iran

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

JMA 24 02:54:54.6, 0.1, 23.60N, 122.06E, h27km, M3.1
TAP 24 02:54:55.1, 23.61N, 122.07E, h24km, 1km, ML3.6, D
ISC 24 02:54:54.5, 1.1, 23.59N, 0.02E, 122.08E, 0.02, h25km, 11km,
n104, c08/1200, 2D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Jichi Village, TEYU, HWA, etc.

2015 AUG

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

24d 2h

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

24d 3h

Table of astronomical observations for 24d 3h, listing stations like CONA, OGSM, RUSF, CABF, etc., with columns for station name, coordinates, and observation details.

2015 AUG

Main table of astronomical observations for 2015 AUG, listing stations like MEM, GIVET, CLAVIER, etc., with columns for station name, coordinates, and observation details.

1208

Table of astronomical observations for 1208, listing stations like TINTI, WBO, WRAB, etc., with columns for station name, coordinates, and observation details.

1209

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

2015 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NOA, NORSAR Arra B, NOA, NVAR, AKASO, etc.

24d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ms1mx2, Error ellipse, NEIC, etc.

24d 4h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Litokhoron, Valandovo, Skopje, and various regional stations.

2015 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like BARS Barje, ENVI Lefkada island, AN Sn, and various regional stations.

1210

Table with columns for station name, frequency, power, and other technical details. Includes stations like TPGR Topolog, TPGR Topolog, CFA Carcaliu, and various regional stations.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ROCH, ROCH, ROCH, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like PTGA, Pitinga, NANO1, Guararapi, ES, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like P57A, Homestead Farm, P57A, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PDAR, SPUT, E28A, LHV, NVAR, AGMN, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KSH, KDJ, PRZ, MAZ, MKAR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MAJO, MAJQ, MAJZ, MASH, etc.

1215

Table with columns for station name, frequency, power, and other technical details. Includes stations like HHC, GUMO, YAK, and many others.

2015 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like CMAR, ANM, ZAAO, ZALV, and many others.

24d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KDJ, MCK, PMR, and many others.

24k 5h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EGAK Eagle, M27K Edge Creek, RPSI Ramtuo Prapat, etc.

2015 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like B08A Colville Reser, STKA Stephens Creek, STKA Lebanon, etc.

1216

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ORV Oroville, ISAL Salakas, IIGN Ingalina, etc.

Table with columns: ID, Name, Az, El, SNR, P, X, Y, Z, Az, El, SNR, P, X, Y, Z, Az, El, SNR, P, X, Y, Z. Includes stations like Boulder Array, Pinedale Array, etc.

Table with columns: ID, Name, Az, El, SNR, P, X, Y, Z, Az, El, SNR, P, X, Y, Z, Az, El, SNR, P, X, Y, Z. Includes stations like GERES GERRSS Array B, GERRSS Array B, etc.

Table with columns: Code, Station Name, Az, El, SNR, P, X, Y, Z, Az, El, SNR, P, X, Y, Z, Az, El, SNR, P, X, Y, Z. Includes stations like IZV, CHKK Chushkaly, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like TNS5 Tian-Shan, SATY Saty, IZV Ivestkoviy, etc.

Table with columns: ARXS, ARXS, ARXS, etc. Includes station names like Arharly, Arharly, Erkin-Say, etc. and technical details like 2.9m, 0.4s, 3.30, 2 Pg, etc.

Table with columns: MOVZ, MOVZ, PKVZ, etc. Includes station names like Moawhango, Pokaka, Mangateitei, etc. and technical details like 9.70 204, 9.75 206, etc.

NOU 24 09:41:22.9,30:68S:178:53W,h204km,mB6.1/109, Kermaec Islands, New Zealand
NEIC 24 09:41:25.8,30:95S:178:31W,h235km,Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mrr=0.66; Mss=0.39; Mss=1.06; Mss=1.17; Mss=0.36; Mss=0.60; Fault plane solution: Mo1.65000x10^18 NP1:152.170000; lambda=1.940000; lambda=130.090000; NP2:41.950000; delta3.340000; lambda=26.800000; Principal axes: T 1.2481, Plg17.0000; Azm271.0000; N 0.6254, Plg38.0000; Azm167.0000; P -1.8735, Plg47.0000; Azm20.0000;
BUJ 24 09:41:25.0,0.0,30:40S:179:00W,h225km,mB5.7/36, mb5.5/57
MOS 24 09:41:26.0,1.1,30:34S:179:07W,h230km,mB5.9/33, Error ellipse: s-maj=9.8km s-min=7.8km az=101.7
NEIC 24 09:41:26.6,2.7,30:65S:0.0,178:73W:0.10, h228km,1km,mB5.6/327,Mwb6.1/48,Mwbc0.42,Mwv6.0, Mwbc0(GCMT), Error ellipse: s-maj=15.3km s-min=11.0km az=121.0
IDC 24 09:41:28.0,0.4,30:26S:179:04W,h240km,3km,mB5.1/29, mb1 5.2/31, mb1mx5 2/35, mbtmp5 7/31, Error ellipse: s-maj=9.1km s-min=8.9km az=53.0
NEIC 24 09:41:27.30:68S:178:67W,h230km,Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mrr=0.34; Mss=0.49; Mss=0.83; Mss=1.14; Mss=0.30; Mss=0.47; Fault plane solution: Mo1.46000x10^18 NP1:150.0000; delta3.700000; lambda=15.000000; NP2:142.000000; delta8.000000; lambda=126.000000; Principal axes: T 1.0147, Plg26.0000; Azm259.0000; N 0.6626, Plg36.0000; Azm149.0000; P -1.6773, Plg43.0000; Azm71.0000
GCMT 24 09:41:28.6,0.1,30:33S:178:86W,h243km,MW6.0/165, Moment Tensor Solution. s155.c356; s165.c582; Duration: 2s5 Moment tensor: Scale 10^19Nm; Mrr=0.34; Mss=0.52; Mss=0.52; Mss=0.1; Mss=0.78; Mss=1.06; Mss=0.1; Mss=0.52; Mss=0.1; Best double couple: Mo1.30300x10^18 NP1:146.000000; delta3.900000; lambda=17.000000; NP2:146.000000; delta8.000000; lambda=127.000000; Principal axes: T 0.9940, Plg25.0000; Azm264.000000; N 0.6170, Plg37.0000; Azm154.000000; P -1.6110, Plg43.0000; Azm20.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves.
NEIC 24 09:41:30.30:35S:178:87W,h244km,Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mrr=0.37; Mss=0.44; Mss=0.81; Mss=1.06; Mss=0.30; Mss=0.54; Fault plane solution: Mo1.43000x10^18 NP1:154.000000; delta4.000000; lambda=18.000000; NP2:148.000000; delta7.800000; lambda=129.000000; Principal axes: T 1.0251, Plg23.0000; Azm267.000000; N 0.6133, Plg38.0000; Azm157.000000; P -1.6384, Plg43.0000; Azm20.0000;
NEIC 24 09:41:46.5,30:19S:178:99W,h245km,Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mrr=0.51; Mss=0.44; Mss=0.75; Mss=0.98; Mss=0.27; Mss=0.46; Fault plane solution: Mo2.000x10^18 NP1:143.010000; delta3.80200000; lambda=126.910000; NP2:140.240000; delta3.8010000; lambda=16.050000; Principal axes: T 0.9281, Plg26.0000; Azm261.000000; N 0.5394, Plg36.0000; Azm150.000000; P -1.4675, Plg43.0000; Azm18.0000;
ISC 24 09:41:25.7,0.2,30:65S:0.0,179:10W:0.02, h225km,1km,h225km;pp-P,1n280,1197/1329,mb5.6/243, 140C-167D, Fault plane solution: NP1:150.334,055055, delta37.69965,lambda115.27229; NP2:168.91456, delta25.36992, lambda5.375000; Principal axes: T Plg41.85877; Azm267.9662; N Plg25.2505; Azm152.9695; P Plg37.6280; Azm1.64933; Kermaec Islands region

Table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like Green Lake, Raoul Island, Raoul Island, etc.

Table with columns: MOVZ, MOVZ, PKVZ, etc. Includes station names like Moawhango, Pokaka, Mangateitei, etc. and technical details like 9.70 204, 9.75 206, etc.

VLA	Vladivostok	86.08	326d	P	09 53 41.4 +0.5
VLA	comp=Z,128nm,1.5s		pmax		
SAO	San Andreas Ge	86.10	43	I	Amb
SAO	comp=Z,122nm,1.1s				
PMPB	Monarch Peak	86.11	44	P	09 53 41.3 -0.1
PAGB	Antelope Grade	86.11	44	P	09 53 41.2 -0.1
109C	Camp Elliot, M	86.19	48	P	09 53 41.5 -0.3
109C	baz=229				
109C	SNR=9.3				
FALS	False Pass	86.22	9	P	09 53 39.8 -1.5
FALS	baz=193				
MCCM	Marconi Confer	86.23	41	P	09 53 41.0 -0.7
MCCM	comp=Z,240nm,1.3s				
OSI	Osito Audit: C	86.30	46	I	Amb
OSI	comp=Z,154nm,0.9s				
OSI	Osito Audit: C	86.30	46	P	09 53 42.2 -0.2
OSI	baz=228,SNR=12				
DECC	Green Verdugo	86.31	46	P	09 53 41.8 -0.5
DECC	baz=228,SNR=16				
DECC					
BAR	Barrett	86.34	49	I	Amb
BAR	comp=Z,127nm,1.3s				
PASC	Pasadena Art C	86.34	47	I	Amb
PASC	comp=Z,226nm,1.5s				
MWC	Mount Wilson	86.46	47	P	09 53 42.8 -0.5
MWC	comp=Z,371nm,1.7s				
MWC	Mount Wilson	86.46	47	P	09 53 42.8 -0.5
ARVC	Arvin	86.57	45	P	09 53 43.4 -0.2
ARVC	baz=228,SNR=61				
ARVC					
MURC	Murrieta	86.60	48	P	10 04 03.7 -0.1
MURC	baz=229,SNR=54				
MURC					
UGL	Uglegorsk	86.61	336	eP	09 53 43.9 +0.6
UGL	comp=Z,2um,4.1s				
UGL					
UGL	comp=Z,150nm,1.3s				
MONP2	Monument Peak	86.64	48	P	09 53 44.4 +0.2
MONP2	baz=229,SNR=137				
MONP2					
RMX	La Rumorosa	86.67	49	I	Amb
RMX	comp=Z,214nm,1.2s				
IKP	In-Ko-Pah, Jac	86.68	49	P	09 53 44.4 +0.1
IKP	baz=230,SNR=71				
IKP					
HOPS	Hopland Field	86.71	40	I	Amb
HOPS	comp=Z,161nm,1.1s				
BFSO	Mount Baldy Ra	86.72	47	P	09 53 44.3 -0.2
BFSO	baz=229,SNR=70				
BFSO					
GDSC	Geysers	86.73	41	I	Amb
GDSC	comp=Z,96nm,1.1s				
CNBA	Chernabura Isl	86.76	11	I	Amb
CNBA	comp=Z,250nm,1.4s				
CHNA	Chernabura Isl	86.78	11	P	09 53 42.7 -1.3
CHNA	baz=196,SNR=10				
USRK	Ussuriysk Ar	86.85	327	P	09 53 44.4 -0.3
USRK	comp=Z,37nm,0.8s,SNR=56				
VES	Vestal, Richgr	86.89	45	P	09 53 44.3 -0.8
VES	baz=228,SNR=126				
VES					
EDW2	Edwards Air Fo	86.93	46	P	09 53 45.2 -0.2
EDW2	baz=228,SNR=145				
EDW2					
VOG	Valley Oaks Go	87.03	44	P	09 53 45.0 -0.7
VOG	baz=228,SNR=6.7				
VOG					
PFO	Pinyon Flats O	87.07	48	P	09 53 46.3 +0.1
PFO	comp=Z,168nm,1.3s				
PFO	Pinyon Flats O	87.07	48	P	09 53 46.3 +0.1
PFO	comp=Z,168nm,1.2s				
PFO	baz=229,SNR=71				
SWSC	Sam W. Stewart	87.07	49	P	09 53 46.1 +0.1
SWSC	baz=229,SNR=28				
SWSC					
TPFO	Pinon Flats	87.07	48	P	09 53 46.2 0.0
TPFO	baz=229,SNR=76				
TPFO					
SDPT	Sand Point	87.13	11	P	09 53 44.2 -1.5
SDPT	baz=195,SNR=8.7				
ISA	Isabella, Lake	87.14	45	P	09 53 46.2 -0.2
ISA	comp=Z,196nm,0.9s				
ISA	Isabella, Lake	87.14	45	P	09 53 46.2 -0.2
ISA	baz=228,SNR=189				
ISA					
BBRC	Big Bear Solar	87.20	47	P	09 53 47.0 +0.1
BBRC	baz=229,SNR=25				
BBRC					
KMRM	Mali Ridge	87.22	39	P	09 53 46.6 -0.1
KMRM	LRMC	87.51	46	P	09 53 48.0 -0.3
LRMC	baz=228,SNR=48				
LRMC					
BELC	Belle Mtn, Jos	87.62	48	P	09 53 49.0 +0.2
BELC	baz=230,SNR=144				
BELC					
KHMM	Horse Mountain	87.67	39	P	09 53 48.5 -0.4
KHMM	comp=Z,60nm,0.7s				
O02D	Mt. Diablo Mer	87.69	40	P	09 53 49.2 +0.3
O02D	baz=225,SNR=117				
O02D					
SRAK	Skakaw	87.73	288	P	09 53 49.6 +0.1
SRAK	comp=Z,2um,comp=Z,210nm,0.8s				
SKNT	Sakolnakor	87.74	291	P	09 53 50.9 +1.3
SKNT	comp=Z,35nm,0.8s				
WHN	Wuhan	87.75	308	P	09 53 50.5 +1.2
WHN	comp=Z,35nm,0.8s				
WHN					
GLA	Glamis	87.77	49	P	09 53 50.0 +0.6
GLA	baz=230,SNR=61				
GLA					
SPIA	Saint Paul Isl	87.80	5	P	09 53 47.6 -1.2
SPIA	baz=187				
CWC	Cottonwood Cre	87.89	45	P	09 53 49.9 -0.2
CWC	baz=228				
CWC					
TYV	Tymovskoe	87.91	337	eP	09 53 50.1 +0.6
TYV	comp=Z,2um,3.1s				
TYV					
TYV	comp=Z,147nm,1.1s				
TYV	comp=E,16nm,1.6s				
TYV	comp=E,3um,9.4s				
HSIG	Hector, Ludlow	87.93	54	I	Amb
HSIG	comp=Z,127nm,1.2s				
HEC	Hector, Ludlow	87.93	47	P	09 53 50.1 -0.1
HEC	baz=229,SNR=39				
HEC					

baz=229	Goldstone, Bar	87.94	46	P	09 53 50.5 +0.3
GSC	comp=Z,234nm,1.3s				
GSC	Goldstone, Bar	87.94	46	P	09 53 50.5 +0.3
GSC	comp=Z,234nm,1.2s				
GSC	Goldstone, Bar	87.94	46	P	09 53 50.2 0.0
GSC	baz=229,SNR=103				
GSC					
MDPB	Devils Postpil	88.08	43	I	Amb
MDPB	comp=Z,105nm,1.4s				
WDC	Whiskeytown Da	88.11	39	I	Amb
WDC	comp=Z,178nm,1.4s				
TIN	Tinemaha, Big	88.21	44	P	09 53 51.0 -0.4
TIN	baz=228,SNR=58				
TIN					
MLAC	Mammoth, Mammo	88.22	44	P	09 53 51.5 -0.2
MLAC	baz=228				
MLAC					
IRM	Iron Mountain	88.26	48	P	10 04 19.4 +2.3
IRM	baz=230,SNR=138				
IRM					
N02D	Trinity Center	88.29	39	P	09 53 52.2 +0.5
N02D	baz=225,SNR=47				
N02D					
N02D					
N13A	Milowik Valley,	88.29	50	I	Amb
N13A	comp=Z,224nm,1.3s				
MDJ	Mudanjiang	88.30	326	P	09 53 52.8 +1.3
MDJ	comp=Z,224nm,1.3s				
MDJ					
MDJ	comp=Z,190nm,1.3s				
MDJ					
O03E	Paynes Creek	88.32	40	P	09 53 51.1 -0.8
O03E	baz=226,SNR=68				
O03E					
GMRG	Granite Mounta	88.33	47	P	09 53 52.3 +0.2
GMRG	baz=230,SNR=74				
GMRG					
KHON	Khomkaen	88.33	290	P	09 53 55.7 +3.4
KHON	comp=Z,6um,comp=Z,108nm,0.8s				
RUBR	Rubicon Trail	88.40	42	I	Amb
RUBR	comp=Z,88nm,1.0s				
214A	Organ Pipe Nat	88.43	51	P	09 53 52.7 +0.2
214A	baz=231,SNR=73				
214A					
CHIR	Chirikof Islan	88.43	13	P	10 04 21.7 +2.9
CHIR	baz=199				
DL2	Dalian	88.50	318	P	09 53 52.5 -0.1
DL2	comp=Z,140nm,0.8s				
DL2					
DL2	comp=Z,990nm,4.2s				
DL2					
M02C	Callahan	88.50	39	P	09 53 53.0 +0.4
M02C	baz=225,SNR=62				
M02C					
TUQ	Turquoise Moun	88.58	47	P	09 53 53.4 +0.1
TUQ	baz=230,SNR=60				
TUQ					
L02E	L02 Junction	88.64	38	P	09 53 53.5 +0.3
L02E	baz=224,SNR=15				
L02E					
SHOC	Shoshone, Teco	88.66	46	P	09 53 53.2 -0.2
SHOC	baz=229,SNR=57				
SHOC					
FURC	Furnace Creek,	88.66	46	P	09 53 52.9 -0.4
FURC	baz=229,SNR=38				
FURC					
GRAC	Grapevine Rang	88.69	45	P	09 53 53.6 0.0
GRAC	baz=229,SNR=29				
GRAC					
PNTR	Pine Nut	88.75	42	I	Amb
PNTR	comp=Z,168nm,1.3s				
YBH	Yreka Blue Hor	88.81	39	I	Amb
YBH	comp=Z,97nm,1.2s				
LHV	Little Huntoon	88.83	43	I	Amb
LHV	comp=Z,120nm,1.1s				
BEKR	Beckworth	88.83	41	P	09 53 53.5 -1.0
BEKR	comp=Z,88nm,1.3s				
VCNR	Virginia City	88.86	42	I	Amb
VCNR	comp=Z,69nm,1.2s				
YERR	Yerington	88.89	42	I	Amb
YERR	comp=Z,173nm,1.5s				
K02D	Willamette Mer	88.98	37	P	09 53 54.7 -0.2
K02D	baz=224,SNR=22				
K02D					
NEE2	Needles Airpor	88.98	48	P	09 53 55.4 +0.4
NEE2	baz=230				
NEE2					
NONG	Nongkai	89.00	292	P	10 04 27.5 +1.6
NONG	comp=Z,4um,comp=Z,117nm,0.8s				
PDMCI	Parker Dam, Lak	89.00	49	P	09 53 55.4 +0.3
PDMCI	baz=231,SNR=106				
PDMCI					
NVAR	Mina Array Bea	89.07	43	P	09 53 55.0 -0.6
NVAR					

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.). Includes stations like BELG, BELG, BELG, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like MNK, MNK, MNK, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like DBIC, DBIC, DBIC, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like NVAR Mina Array Bea, ILAR Eielson Array, TXAR Lajitas Array, etc.

SKHL 24 11:13:28.20.1, 45.90N; 152.80E, h49km, 2km, mb4.2/1
IDC 24 11:13:29.1, 14.0, 46.01N; 151.91E, h0km, mb3.4/3,
mb1 3.9/7, mb1mx3.4/38, mbmtpp3.4/3, MS3.1/1, Ms1 3.1/1,
ms1mx2.6/32, Error ellipse: s-maj=410.7km

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like KUR Kuril'sk, NMR Nemuro-Hokkai, USRK Ussuriysk Ar., etc.

IDC 24 11:23:36.7, 1.1, 51.80N; 175.51W, h0km, mb3.6/5,
mb1 3.9/7, mb1mx3.6/61, mbmtpp3.6/7, ML4.5/2, MS3.6/2,
Ms1 3.6/1, ms1mx2.7/41, Error ellipse: s-maj=57.1km
s-min=22.5km az=144.0

NEIC 24 11:23:39.7, 1.0, 51.32N; 0.1x175.09W; 0.1, h26km, 1.4km,
mb3.8/20, ML3.5(AEIC), Error ellipse: s-maj=22.1km
s-min=8.2km az=163.0

AEIC 24 11:23:42.5, 0.9, 51.53N; 0.1x175.09W; 0.06, h40km, n48,
r1014/11, mb3.77, Andreae Islands

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like GSTR Great Sitkin T, ATKA Atka Island P, KOPF Korovin Flat P, etc.

TRN 24 11:47:43.4, 11.18N; 62.14W, h116km, MD3.5
FUNV 24 11:47:43.5, 11.16N; 62.07W, h116km, MW4.2
ISC 24 11:47:41.3, 1.1, 11.16N; 0.04; 62.16W; 0.04,
h126km; 10km, n33.0, r1963/59, 3, Windward Islands

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like TRN Trinidad (W), TRN Trinidad (E), TRN Trinidad (S).

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like GRFF Grenada Fort F, TPP Pointe-a-Pierre, GRGR Grenville, etc.

IDC 24 11:50:56.7, 0.5, 56.21N; 164.27E, h0km, mb4.5/33,
mb1 4.6/37, mb1mx4.5/52, mbmtpp4.5/37, ML4.5/3, MS3.4/4,
Ms1 4.7/41, ms1mx4.6/53, Error ellipse: s-maj=14.4km
s-min=9.1km az=165.0

KRSC 24 11:50:57.5, 1.5, 56.17N; 164.42E, h65km, 26km, ML5.1
NEIC 24 11:50:58.4, 1.7, 56.19N; 0.08; 164.3E; 0.1, h8km, 4km,
m5.0/322, Mw5.3/28, Mw5.5(GCMT), Error ellipse:
s-maj=12.7km s-min=2km az=158.0

BUL 24 11:50:59.0, 0.6, 53.29N; 163.99E, h36km, mB5.3/37,
mb4.7/45, Ms5.5/41, Ms7.5/142

NEIC 24 11:51:01.5, 56.32N; 164.56E, h2km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mrr:0.04;
Mss:1.67; Mss:1.72; Mss:0.01; Mss:1.37; Mss:0.25; Fault
plane solution: Ms2.19000; 10^17 NP1:0.295; 00000;
0.84; 00000; 1.177; 00000; NP2:0.26; 00000; 0.87; 00000;
1.6; 00000. Principal axes: T 2.2286, Plg6.0000;
AzM251.0000; N -0.0701, Plg84.0000; AzM53.0000; P
-2.1585, Plg2.0000; AzM160.0000;

NEIC 24 11:51:01.7, 1.5, 56.19N; 164.27E, h8km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mrr:0.02;
Mss:0.95; Mss:0.92; Mss:0.21; Mss:0.85; Mss:0.19; Fault
plane solution: Ms1.30000; 10^17 NP1:0.24; 22000;
0.78; 11000; 1.4; 14000; NP2:0.293; 36000; 0.85; 95000;
1.68; 08000; Principal axes: T 1.3055, Plg11.0000;
AzM248.0000; N -0.0158, Plg77.0000; AzM95.0000; P
-1.2896, Plg5.0000; AzM339.0000;

GCMT 24 11:51:01.4, 0.1, 56.30N; 0.01; 164.54E; 0.01, h20km,
MW5.5/157, Moment Tensor Solution. s126.c222;
s157.c310; Duration: 1s3 Moment tensor: Scale 10^17
Nm; Mrr:0.02; 0.03; Mss:1.55; 0.03; Mss:1.53; 0.02;
Mss:0.24; 0.05; Mss:1.27; 0.02; Mss:0.29; 0.04; Best double
couple: 0.002; 0.03100; 10^17 NP1:0.2; 00000; 0.86; 00000;
1.4; 00000; NP2:0.295; 00000; 0.86; 00000; 1.7; 00000;
Principal axes: T 2.0480, Plg7.0000; AzM250.0000; N
-0.0340, Plg79.0000; AzM91.0000; P -2.0140,
Plg4.0000; AzM341.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function

MOS 24 11:51:01.2, 1.0, 56.20N; 164.14E, h49km, mb5.1/66,
MS4.8/23 Error ellipse: s-maj=5.4km s-min=3.5km
az=65.8

ISC 24 11:50:59.0, 0.7, 56.19N; 0.03; 164.34E; 0.03, h23km, 4km,
n93.0, r1931/976, mb5.0/258, MS4.9/73, 37C-442, Fault
plane solution: Ms1.76; 0.04; 333; 831; 4243;
1.7; 20603; NP2:0.300; 41333; 863; 11760;
1.170; 45258; Principal axes: T Plg12.4224;
AzM255.9770; N Plg61.5920; AzM10.0093; P
Plg25.1086; AzM160.0522; Fault plane solution:
NP1:0.34; 76068; 0.88; 49928; 1.9; 11580; NP2:
0.129; 55316; 0.82; 23658; 1.4; 148; 17390; Principal
axes: T Plg15.8996; AzM258.2129; N Plg57.3376;
AzM141.8318; P Plg27.7094; AzM356.8171;

Komandorsky Islands region

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like KBTR Krutoberegovo, KBTB Krutoberegovo, KKBG Krutoberegovo, etc.

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like KIRR Kirishev, KMMR Kamenistaya, KZV Kizimen, etc.

IDC 24 11:50:56.7, 0.5, 56.21N; 164.27E, h0km, mb4.5/33,
mb1 4.6/37, mb1mx4.5/52, mbmtpp4.5/37, ML4.5/3, MS3.4/4,
Ms1 4.7/41, ms1mx4.6/53, Error ellipse: s-maj=14.4km
s-min=9.1km az=165.0

KRSC 24 11:50:57.5, 1.5, 56.17N; 164.42E, h65km, 26km, ML5.1
NEIC 24 11:50:58.4, 1.7, 56.19N; 0.08; 164.3E; 0.1, h8km, 4km,
m5.0/322, Mw5.3/28, Mw5.5(GCMT), Error ellipse:
s-maj=12.7km s-min=2km az=158.0

BUL 24 11:50:59.0, 0.6, 53.29N; 163.99E, h36km, mB5.3/37,
mb4.7/45, Ms5.5/41, Ms7.5/142

NEIC 24 11:51:01.5, 56.32N; 164.56E, h2km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mrr:0.04;
Mss:1.67; Mss:1.72; Mss:0.01; Mss:1.37; Mss:0.25; Fault
plane solution: Ms2.19000; 10^17 NP1:0.295; 00000;
0.84; 00000; 1.177; 00000; NP2:0.26; 00000; 0.87; 00000;
1.6; 00000. Principal axes: T 2.2286, Plg6.0000;
AzM251.0000; N -0.0701, Plg84.0000; AzM53.0000; P
-2.1585, Plg2.0000; AzM160.0000;

NEIC 24 11:51:01.7, 1.5, 56.19N; 164.27E, h8km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mrr:0.02;
Mss:0.95; Mss:0.92; Mss:0.21; Mss:0.85; Mss:0.19; Fault
plane solution: Ms1.30000; 10^17 NP1:0.24; 22000;
0.78; 11000; 1.4; 14000; NP2:0.293; 36000; 0.85; 95000;
1.68; 08000; Principal axes: T 1.3055, Plg11.0000;
AzM248.0000; N -0.0158, Plg77.0000; AzM95.0000; P
-1.2896, Plg5.0000; AzM339.0000;

GCMT 24 11:51:01.4, 0.1, 56.30N; 0.01; 164.54E; 0.01, h20km,
MW5.5/157, Moment Tensor Solution. s126.c222;
s157.c310; Duration: 1s3 Moment tensor: Scale 10^17
Nm; Mrr:0.02; 0.03; Mss:1.55; 0.03; Mss:1.53; 0.02;
Mss:0.24; 0.05; Mss:1.27; 0.02; Mss:0.29; 0.04; Best double
couple: 0.002; 0.03100; 10^17 NP1:0.2; 00000; 0.86; 00000;
1.4; 00000; NP2:0.295; 00000; 0.86; 00000; 1.7; 00000;
Principal axes: T 2.0480, Plg7.0000; AzM250.0000; N
-0.0340, Plg79.0000; AzM91.0000; P -2.0140,
Plg4.0000; AzM341.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function

MOS 24 11:51:01.2, 1.0, 56.20N; 164.14E, h49km, mb5.1/66,
MS4.8/23 Error ellipse: s-maj=5.4km s-min=3.5km
az=65.8

ISC 24 11:50:59.0, 0.7, 56.19N; 0.03; 164.34E; 0.03, h23km, 4km,
n93.0, r1931/976, mb5.0/258, MS4.9/73, 37C-442, Fault
plane solution: Ms1.76; 0.04; 333; 831; 4243;
1.7; 20603; NP2:0.300; 41333; 863; 11760;
1.170; 45258; Principal axes: T Plg12.4224;
AzM255.9770; N Plg61.5920; AzM10.0093; P
Plg25.1086; AzM160.0522; Fault plane solution:
NP1:0.34; 76068; 0.88; 49928; 1.9; 11580; NP2:
0.129; 55316; 0.82; 23658; 1.4; 148; 17390; Principal
axes: T Plg15.8996; AzM258.2129; N Plg57.3376;
AzM141.8318; P Plg27.7094; AzM356.8171;

Table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like KIRR Kirishev, KMMR Kamenistaya, KZV Kizimen, etc.

24d 11h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EPYK, BCPM, HYT, INK, etc.

2015 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like J01E, G05D, D08A, HAWA, etc.

1230

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HLID, PAHR, RUBR, ARCES, etc.

R11A	comp-Z,20nm,1.4s	53.98	73	P	P	12 00 22.8 +0.8
GRAC	Troy Canyon, C	54.01	76	P	P	12 00 22.5 +0.3
GRAC	Grapevine Rang	54.03	77	P	P	12 00 22.3 +0.1
CWC	Cottonwood Cre	54.06	77	P	P	12 00 22.5 +0.3
KUU	Kurly	54.06	297	eP	P	12 00 20.3 -2.1
KUU	Kurly	54.06	297	eP	P	12 00 20.2 -2.1
DUG	Dugway, Tooele	54.10	70	P	P	12 00 24.2 +1.4
DUG	comp-Z,13nm,1.1s	54.10	70	P	P	12 00 24.1 +1.4
DUG	Dugway, Tooele	54.10	70	P	IAMB	12 00 40.8
DUG	comp-Z,13nm,1.1s	54.10	70	P	P	12 00 23.5 +0.7
DUG	Dugway, Tooele	54.10	70	P	P	12 00 23.5 +0.7
TCUT	Toone Canyon	54.16	68	P	IAMB	12 00 24.7 +1.3
TCUT	comp-Z,14nm,1.0s	54.17	72	P	P	12 00 43.3
SPR3	Spring Creek 3	54.17	72	P	P	12 00 25.5 +2.0
PKM	Mpherson Peak	54.23	79	P	P	12 00 23.6 -0.3
MDOK	Medeo	54.23	296	eP	P	12 00 23.2 -0.6
MDOK	Medeo	54.23	296	eP	P	12 00 23.1 -0.6
KIRV	Kirov	54.35	324	dIP	P	12 00 24.4 +0.3
BTL5	Baital	54.36	299	eP	P	12 00 23.0 -1.5
BTL5	Baital	54.36	299	eP	P	12 00 22.9 -1.5
ISA	Isabella, Lake	54.39	78	P	P	12 00 25.5 +0.6
ISA	comp-Z,18nm,1.3s	54.39	78	P	P	12 00 25.5 +0.6
ISA	Isabella, Lake	54.39	78	P	IAMB	12 00 25.7 +0.6
ISA	Isabella, Lake	54.39	78	P	P	12 00 25.0 +0.2
JLU	Jordanelle	54.52	68	P	P	12 00 27.8 +1.9
JLU	comp-Z,17nm,1.4s	54.52	68	P	IAMB	12 00 43.9
TPNV	Topopah Spring	54.65	75	P	P	12 00 28.5 +1.6
TPNV	comp-Z,41nm,1.3s	54.65	75	P	P	12 00 28.4 +1.6
TPNV	Topopah Spring	54.65	75	P	P	12 00 27.6 +0.8
TPNV	Topopah Spring	54.65	75	P	P	12 00 27.6 +0.8
NLU	North Lily Min	54.66	69	P	P	12 00 28.4 +1.4
NLU	comp-Z,20nm,1.1s	54.67	76	P	P	12 00 27.6 +0.8
FURC	Furnace Creek,	54.72	72	P	P	12 00 28.9 +1.1
PSUT	Pine Spring	54.72	72	P	IAMB	12 00 50.0
PSUT	comp-Z,14nm,0.9s	54.84	250	P	S	12 00 28.5 +0.3
QIZ	Qiongzong	54.84	250	P	S	12 08 07.3 -0.7
QIZ	comp-Z,15nm,2.9s			LR	LR	
QIZ	comp-Z,920nm,18.6s			LR	LR	
QIZ	comp-Z,1um,20.6s			LR	LR	
QIZ	comp-Z,1um,14.9s			LR	LR	
MPU	Maple Canyon	54.85	69	P	IAMB	12 00 29.7 +1.4
MPU	comp-Z,17nm,1.0s	54.92	51	P	P	12 00 28.6 +0.2
ULM	Lac du Bonnet	54.92	51	P	P	12 00 29.0 +0.6
ULM	comp-Z,11nm,0.8s	54.92	51	P	P	12 00 29.0 +0.6
ULM	Lac du Bonnet	54.92	51	P	P	12 00 29.0 +0.6
ULM	comp-Z,16nm,1.1s	54.92	51	P	IAMB	12 00 42.6
PRN	Pahroc Range	54.96	74	P	P	12 00 30.3 +1.2
LRMC	Laurel Mt Rad	54.96	77	P	P	12 00 29.8 +0.8
MDND	Maddock	55.03	55	P	P	12 00 30.5 +1.2
MDND	Maddock	55.03	55	P	P	12 00 29.4 +0.1
SGDS	Sogindy	55.23	298	eP	P	12 00 30.1 -0.7
EDW2	Edwards Air Fo	55.23	298	eP	P	12 00 31.6 +0.6
SHOC	Shoshone, Teco	55.41	76	P	P	12 00 33.1 +0.9
TCRU	Three Creeks R	55.45	71	P	IAMB	12 00 34.7 +1.9
TCRU	comp-Z,19nm,1.1s	55.47	57	P	P	12 00 33.2 +0.8
E28A	Huff	55.48	331	eP	P	12 00 31.3 -1.0
KLMR	Klimovskoe	55.48	331	eP	P	12 00 31.4 -0.9
KLMR	comp-Z,22nm,1.1s	55.51	61	eP	P	12 00 30.6 -2.2
DY2G	Dye2	55.51	67	P	P	12 00 34.3 +1.1
RDMU	Red Mountain	55.53	63	P	P	12 00 34.2 +1.0
K22A	Casper	55.53	63	P	IAMB	12 00 46.9
K22A	comp-Z,14nm,1.1s	55.53	63	P	P	12 00 33.6 +0.5
SHPR	Sheep Range	55.56	74	P	P	12 00 35.1 +1.6
SHPR	comp-Z,22nm,1.1s	55.57	77	P	P	12 00 35.0 +1.6
GSC	Goldstone, Bar	55.57	77	P	P	12 00 35.0 +1.6
GSC	comp-Z,37nm,1.3s	55.57	77	P	P	12 00 33.1 -0.3
GSC	Goldstone, Bar	55.57	77	P	P	12 00 35.5 +1.6
TMUT	Trail Mountain	55.60	69	P	P	12 00 34.7 +1.0
SNCC	San Nicolas Is	55.62	80	P	P	12 00 35.1 +0.9
MVU	Marysvale	55.67	71	P	P	12 00 36.0 +1.7
MSU	Marysvale	55.67	71	P	P	12 00 36.0 +1.7
RSSD	Black Hills	55.68	61	P	P	12 00 34.8 +0.6
RSSD	comp-Z,11nm,0.8s	55.68	61	P	P	12 00 34.8 +0.6
RSSD	Black Hills	55.68	61	P	IAMB	12 00 36.3
MWC	Mount Wilson	55.69	78	P	P	12 00 35.7 +1.3
MWC	comp-Z,11nm,0.8s	55.69	78	P	P	12 00 36.1 +1.6
MWC	Mount Wilson	55.69	78	P	P	12 00 35.7 +1.3
P17A	Butcher Ranch,	55.71	69	P	IAMB	12 00 52.7
P17A	comp-Z,13nm,0.9s	55.75	72	P	P	12 00 36.5 +1.7
CCUT	Cedar City	55.75	72	P	IAMB	12 00 34.1
SZCU	Shurtz Canyon	55.87	72	P	P	12 00 36.9 +1.2
SZCU	comp-Z,16nm,1.2s	55.89	65	P	P	12 00 35.9 0.0
RWWY	Rawlins	55.90	78	P	P	12 00 36.4 +0.6
RWWY	comp-Z,16nm,1.1s	55.90	78	P	P	12 00 36.4 +0.6
BFSC	Mount Baldy Ra	55.90	297	LR	LR	12 24 14.6
AAK	Ala-Archa	55.90	297	LR	LR	12 00 36.1 +0.3
AAK	comp-Z,1um,21.1s	55.90	297	dIP	P	12 00 36.1 +0.3
AAK	Ala-Archa	55.90	297	dIP	P	12 00 36.2 +0.4
AAK	comp-Z,29nm,0.8s	55.90	297	dIP	P	12 00 37.6 +1.7
Q16A	Castle Valley	55.90	70	P	IAMB	12 00 34.2
Q16A	comp-Z,21nm,1.1s	55.95	76	P	P	12 00 36.9 +0.7
TUQ	Turquoise Moun	56.01	71	P	P	12 00 38.8 +1.9
MTPU	Mount Pierson	56.01	71	P	IAMB	12 00 56.1
MTPU	comp-Z,15nm,1.1s	56.09	69	P	P	12 00 38.9 +1.6
SRU	San Rafael Swe	56.09	69	P	P	12 00 38.9 +1.6
SRU	comp-Z,34nm,0.9s	56.11	79	P	P	12 00 37.4 +0.2
SRU	San Rafael Swe	56.11	79	P	P	12 00 38.9 +1.6
CIS	Catalina Island	56.18	77	P	P	12 00 38.4 +0.6
HEC	Hector,Ludlow	56.22	73	P	P	12 00 39.8 +1.7
LCMT	Little Creek M	56.22	73	P	IAMB	12 00 59.3
LCMT	comp-Z,15nm,1.1s			IAMB	IAMB	

BBRC	Big Bear Solar	56.28	78	P	P	12 00 38.8 +0.1
AGMN	Agassiz Nation	56.38	52	P	IAMB	12 00 39.9 +0.9
AGMN	comp-Z,11nm,0.8s	56.38	52	P	P	12 00 40.8
AGMN	Agassiz Nation	56.38	52	P	P	12 00 38.6 -0.4
PKMU	Pink Cliffs	56.39	72	P	P	12 00 41.6 +2.0
KNB	Knab	56.44	72	P	P	12 00 41.5 +1.8
KNB	comp-Z,18nm,1.2s	56.44	72	P	P	12 00 41.5 +1.8
KNB	Knab	56.44	72	P	IAMB	12 01 07.5
O20A	White River Ci	56.52	67	P	P	12 00 41.1 +0.9
O20A	White River Ci	56.52	67	P	P	12 00 41.0 +0.7
GMRC	Granite Mounta	56.58	76	P	P	12 00 41.1 +0.4
MURC	Murrieta	56.63	78	P	P	12 00 41.7 +0.7
LSA	Lhasa	56.68	275	P	P	12 00 42.0 +0.1
BELO	Belle Mtn. Jos	56.98	77	P	P	12 00 43.6 0.0
PFO	Pinyon Flats 0	57.02	78	P	P	12 00 43.9 0.0
TPFO	Pinon Flats	57.03	78	P	P	12 00 43.6 -0.3
N23A	Red Feather La	57.12	65	P	P	12 00 44.8 +0.1
U15A	North Rim	57.12	72	P	P	12 00 46.7 +1.7
109C	Camp Elliot, M	57.22	79	P	P	12 00 45.6 +0.5
IRM	Iron Mountain	57.33	76	P	P	12 00 47.0 +1.1
KSH	Kashi	57.47	293	P	LR	12 00 50.5 +3.6
KSH	comp-Z,2um,16.8s			LR	LR	
KSH	comp-Z,3um,15.4s			LR	LR	
KSH	comp-Z,2um,15.4s			LR	LR	
KK31	Karatay Array	57.51	300	P	P	12 00 47.0 0.0
KK31	comp-Z,12nm,0.9s	57.51	300	P	P	12 00 47.0 0.0
KK31	Karatay Array	57.51	300	P	IAMB	12 01 09.2
KKAR	Karatay Array	57.51	300	P	P	12 00 47.0 0.0
KKAR	comp-Z,12nm,0.9s	57.51	300	P	P	12 00 47.0 0.0
KKAR	Karatay Array	57.51	300	P	P	12 00 46.6 -0.4
KKAR	Karatay Array	57.51	300	P	IAMB	12 00 47.0 0.0
KKAR	comp-Z,12nm,0.9s	57.59	78	P	P	12 00 48.0 0.0
MONP2	Monument Peak	57.64	311	P	P	12 00 47.9 +0.1
ABKAR	Abkukul array	57.64	311	P	P	12 00 47.4 -0.4
ABKAR	Abkukul array	57.64	311	P	P	12 00 47.4 -0.4
PDMCI	Parker Dam,Lak	57.76	75	P	P	12 00 49.6 +0.7
SUSD	Miller	57.87	57	P	P	12 00 49.2 -0.3
SMCO	Snowmass	57.88	67	P	IAMB	12 00 51.3 +1.1
SMCO	comp-Z,17nm,0.9s	57.89	78	P	P	12 00 49.6 -0.1
SWSC	Sam W. Stewart	57.94	78	P	P	12 00 49.8 -0.5
IKP	In-Ko-Pah, Jac	57.94	78	P	P	12 00 52.1 +1.4
F33A	5 Mile Ranch,	58.04	54	P	IAMB	12 01 07.5
F33A	comp-Z,16nm,1.1s	58.11	65	P	P	12 00 53.0 +1.4
ISCO	Idaho Springs	58.11	65	P	P	12 00 53.0 +1.4
ISCO	comp-Z,17nm,1.1s	58.11	65	P	IAMB	12 01 10.3
ISCO	Idaho Springs	58.11	65	P	P	12 00 52.5 +0.8
ISCO	Idaho Springs	58.11	65	P	P	12 00 51.1 -0.5
FINES	FINESS Array B	58.22	338	P	LR	12 28 37.2
FINES	comp-Z,2.8nm,0.8s	58.22	338	P	LR	12 28 37.2
FINES	FINESS Array B	58.22	338	P	P	12 00 51.0 -0.7
FINES	comp-Z,3.0nm,0.8s	58.22	338	P	P	12 00 51.6 -0.1
FINES	FINESS Array B	58.33	72	P	P	12 00 55.2 +2.1
WUAZ	Wupatki	58.33	72	P	IAMB	12 01 12.6
WUAZ	comp-Z,16nm,1.2s	58.33	72	P	P	12 00 53.0 -0.1
GLA	Glamis	58.34	77	P	P	12 00 53.0 0.0
EYMN	Ely	58.54	50	P	P	12 00 54.0 -0.2
MVCO	Mesa Verde	58.57	69	P	IAMB	12 00 55.7 +0.9
MVCO	comp-Z,14nm,1.2s	58.57	69	P	P	12 00 55.1 +0.3
MVCO	Mesa Verde	58.57	69	P	P	12 00 56.7 +1.5
Y14A	Wickenburg	58.65	75	P	P	12 00 57.3 -0.4
Q24A	Divide	58.65	75	P	P	12 00 57.3 -0.4
S22A	4UR Ranch, Cre	59.03	68	P	P	12 00 58.5 +0.4
X16A	Lo Mia Camp, P	59.13	73	P	P	12 00 59.6 +0.9
113A	Mohawk Valley,	59.13	76	P	P	12 01 00.3 +1.9
SHL	Shillong	59.47	271	P	P	12 01 00.3 -0.8
SHL	comp-Z,8.0nm,0.7s	59.47	271	P	P	12 01 00.3 -0.8
SHL	Shillong	59.47	271	P	IAMB	12 01 01.2
ECSD	EROS Data Cent	59.50	56	P	P	12 01 01.4 +0.5
ECSD	comp-Z,8.0nm,0.7s	59.50	56	P	P	12 01 00.7 -0.2
SKNT	Sakoinakorn	59.66	255	P	P	12 01 02.8 +0.5
SDCO	Great Sand Dun	59.72	67	P	P	12 01 02.3 +1.4
SDCO	Great Sand Dun	59.72	67	P	P	12 01 02.9 +0.1
X18A	Snowflake	59.84	72	P	P	12 01 04.9 +1.3
X18A	comp-Z,15nm,1.1s	59.92	321	LR	LR	12 30 08.0
BELG	Belogornye	59.92	321	LR	LR	12 01 03.7 +0.1
BELG	comp-Z,8.94nm,18.6s	59.92	321	dIP	P	12 01 05.7 +0.8
SPMN	Marine on St.	60.08	53	P	IAMB	12 01 07.0
SPMN	comp-Z,8.6nm,0.7s	60.08	53	P	P	12 01 04.8 -0.1
KSCO	Kaye Shedlock'	60.21	64	P	P	12 01 06.8 +0.8
KSCO	comp-Z,18nm,1.1s	60.21	64	P		

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Alice Springs, Buckleboob, Narrogin (SRO), Makanchi Array, Scott Base.

IDC 24 13:39:33.6±1.6, 18°29'S:178°13'W, h548km, 15km, mb3.0/5, mb1 3.3/6, mb1mx3.0/36, mbtmp3.9/6, Error ellipse: s-maj=32.7km s-min=20.5km az=137.0

NEIC 24 13:39:34.6±2.0, 18°45'S:178°19'W, h561km, 9km, mb4.0/14, Error ellipse: s-maj=23.9km s-min=11.6km az=166.0

ISC 24 13:39:32.8±0.8, 18°35'S:178°20'W, h550km, n28, #090/23, mb3.9/11, Fiji Islands region

Main table for the first section with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Nonsavu, Mavora Lakes, Wether Hill, Warramunga Arr, Alice Springs, etc.

DJA 24 13:43:43.9±0.5, 3°S:2°12'E, h10km, M3.8/11, mb3.7/1, MLv3.9/11, Sulawesi

Table for the second section with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Kendari, Kolaka, Ampana, Tana Toraja, etc.

IDC 24 13:50:49.6±2.3, 7°13'S:129°68'E, h123km, 25km, mb3.5/1, mb1 3.9/5, mb1mx3.4/33, mbtmp4.2/5, Error ellipse: s-maj=37.6km s-min=20.3km az=122.0

NEIC 24 13:50:57.2±0.8, 7°15'S:131°6'E, h131km, 13km, mb4.3/5, Error ellipse: s-maj=41.9km s-min=15.9km az=90.0

ISC 24 13:50:49.1±0.8, 7°04'S:129°7'E, h113km, n21, #227/20, mb4.3/3, Banda Sea

Main table for the second section with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Saumlaki, Fak Fak, MTN Mantion Dam, Warramunga Arr, etc.

TAP 24 13:54:39.5, 24°34'N:122°97'E, h60km, ML2.8/D, JMA 24 13:54:39.8±0.1, 24°36'N:122°97'E, h59km, 1km, M2.1

n72, #1521/130, Taiwan region

Main table for the third section with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Yonagunijimaku, Yonaguni jima, Iriomote-Funau, etc.

baz=244

Main table for the fourth section with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Donghe, Xinyi Township, Wufeng, etc.

KRSC 24 14:10:45.5±1.8, 55°50'N:165°76'E, h40km, 14km, ML3.8, IDC 24 14:10:45.2±1.3, 55°70'N:165°81'E, h0km, mb3.6/6, mb1 3.9/7, mb1mx3.5/74, mbtmp3.6/7, ML2.7/1, M2.5/1, Ms1 2.5/1, ms1mx2.2/50, Error ellipse: s-maj=58.2km s-min=18.5km az=168.0

ISC 24 14:10:46.8±1.5, 55°58'N:165°78'E, h14km, 10km, n49, #151/74, mb3.7/6, Komandorski Islands region

Main table for the fifth section with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Bering, Krutoberegovo, Mys Kozlova, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSI Kapahiang, LHSI Lahat, MDSI Maura Dua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like C04A Brinnon, EBG Ellensburg, WISH Wishkah, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I07A Izee, TXB Texada, BTB Butte Lake, etc.

NEIC 24:14:33.43.2.2, 46.76N, 0.02:122.17W, 0.03, h20km, 6km, Error ellipse: s-maj=3.0km s-min=2.7km az=117.0

C04A Brinnon 1.10 331 Pp 14 34 02.8 -1.6

JMA 24:14:41:37.3.0.2, 23.80N, 122.33E, h27km, 5km, M3.0

Main table section 1: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like B941 Kapowin, RVC Mount Rainier, REMR Mount Rainier, etc.

Main table section 2: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like O05D Olympic-Snow, H00D Mount Hood Mea, TDH Tom, Dick, Har, etc.

Main table section 3: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEYL Yanliao Villag, TEYL baz=266, HWA Hwalien, etc.

24d 15h

TWB1	baz=344	S	Sn	14 42 14.6 +0.1
TIPB	Shuangxi baz=336	1.25 338	i P	Pn 14 41 59.5 +0.5
TIPB	baz=336	1.26 236	P	Pn 14 41 15.1 +0.1
ECS	Chishang baz=225	1.26 236	P	Pn 14 41 60.0 +0.7
ECS	baz=225		S	Sb 14 42 16.4 -0.1
EDH	Donghe baz=220	1.27 229	i P	Pn 14 41 59.6 +0.3
EDH	baz=220		i S	Sn 14 42 14.0 -1.5
SSLB	Suangleung baz=266	1.28 269	P	Pn 14 41 59.9 +0.4
SSLB	baz=266		S	Sn 14 42 16.0 +0.3
WPL	Puli Township baz=268	1.29 279	P	Pn 14 42 00.4 +0.8
WPL	baz=268		eS	Sn 14 42 15.9 0.0
DPDB	Guoxing baz=270	1.32 280	P	Pb 14 42 01.1 -0.7
DPDB	baz=270		eS	Sn 14 42 17.2 +0.5
SMLT	Sun Moon Lake baz=270	1.33 273	i P	Pn 14 42 01.0 +0.7
SMLT	baz=270		S	Sb 14 42 18.3 -0.3
WCS	Beigang Elemen baz=272	1.34 281	P	Pb 14 42 01.2 -0.7
WCS	baz=272		eS	Sn 14 42 17.4 +0.3
HATJ	Hateruma jima baz=352	1.35 79	P	Pn 14 42 00.9 +0.4
HATJ	baz=352		eS	Sn 14 42 18.0 +0.5
NWF	Wu-fen Shan baz=352	1.35 338	i P	Pn 14 42 01.1 +0.5
NWF	baz=352		S	Sn 14 42 18.1 +0.5
WFSB	Wu-fen Shan baz=351	1.35 338	P	Pn 14 42 01.2 +0.7
WFSB	baz=351		S	Sn 14 42 18.1 +0.6
TWA	Mucha baz=328	1.36 329	i P	Pb 14 42 02.0 -0.3
TWA	baz=328		i S	Sb 14 42 18.6 -0.7
WHP	Taichung City baz=287	1.36 290	P	Pb 14 42 02.3 -0.2
WHP	baz=287		eS	Sn 14 42 18.5 +0.6
IRIF	Iriomote-Funau baz=271	1.36 67	P	Pn 14 42 01.2 +0.6
TYC	Yuchang baz=271	1.37 274	P	Pn 14 42 01.5 +0.8
TYC	baz=271		S	Sb 14 42 19.2 -0.4
NHDH	Xindian Distri baz=325	1.37 327	P	Pb 14 42 02.4 -0.2
NHDH	baz=325		S	Sb 14 42 19.2 -0.4
ELDTW	Lidau baz=240	1.37 243	i P	Pn 14 42 01.0 +0.2
ELDTW	baz=240		i S	Sn 14 42 17.4 -0.7
WHYT	Xinyi Township baz=253	1.38 265	P	Pb 14 42 02.1 -0.5
WHYT	baz=253		S	Sb 14 42 19.4 -0.4
LDUT	Ludao baz=214	1.39 216	i P	Pn 14 42 00.9 -0.1
LDUT	baz=214		i S	Sn 14 42 17.5 -0.9
TATO	Taipei baz=324	1.40 326	P	Pb 14 42 02.3 -0.7
TATO	baz=324		S	Sb 14 42 19.6 -0.9
NHY	Taipei baz=328	1.41 330	eS	Sb 14 42 19.8 -1.1
TNOU	National Taiwa baz=337	1.43 339	eP	Pn 14 42 01.1 -0.5
TNOU	baz=337		eS	Sn 14 42 18.6 -0.8
TAP1	Taipei baz=327	1.43 329	eS	Sb 14 42 21.1 -0.4
LONT	Longtian baz=242	1.44 231	i P	Pn 14 42 01.9 +0.3
LONT	baz=242		i S	Sn 14 42 20.0 +0.4
TAP	Taipei baz=327	1.44 328	S	Sb 14 42 21.5 -0.3
ALS	Alishan baz=255	1.45 258	i P	Pb 14 42 03.5 -0.6
ALS	baz=255		i S	Sn 14 42 21.3 +1.1
NJD	Zhudong baz=307	1.47 309	P	Pb 14 42 04.4 +0.1
NJD	baz=307		S	Sb 14 42 22.7 +0.1
NSTT	Nanjung baz=291	1.48 304	i P	Pb 14 42 03.8 -0.5
NSTT	baz=291		i S	Sb 14 42 22.0 -0.7
WJS	Zhushan baz=260	1.48 271	i P	Pb 14 42 04.3 -0.1
WJS	baz=260		eS	Sn 14 42 24.5 +1.5
YMO1	YMO1 baz=346	1.50 332	P	Pn 14 42 03.0 +0.4
YMO1	baz=346		S	Sn 14 42 21.6 +0.5
NTY	Taoyuan baz=319	1.52 321	eP	Pb 14 42 04.6 -0.6
NTY	baz=319		S	Sb 14 42 23.5 -0.5
WNT	Mingjing baz=270	1.53 273	P	Pb 14 42 05.0 -0.1
WNT	baz=270		S	Sb 14 42 24.2 +0.1
TTN	Taitung baz=224	1.53 227	eP	Pn 14 42 03.2 +0.4
TTN	baz=224		S	Sn 14 42 22.2 +0.4
WWF	Wufeng baz=276	1.53 279	P	Pb 14 42 05.7 +0.4
WWF	baz=276		S	Sb 14 42 25.4 +1.2
TWGT	Beinan baz=240	1.54 230	P	Pn 14 42 03.2 +0.3
TWGT	baz=240		S	Sn 14 42 21.5 -0.4
WNT1	Nantou City baz=271	1.54 274	P	Pb 14 42 05.7 +0.4
WNT1	baz=271		S	Sb 14 42 26.8 +2.5
TWG	Pingang baz=240	1.53 230	i P	Pn 14 42 03.0 +0.1
TWG	baz=240		i S	Sn 14 42 21.5 -0.5
YMO8	YMO8 baz=347	1.53 333	P	Pn 14 42 03.3 +0.3
TWQ1	Liyutan baz=288	1.54 291	i P	Pb 14 42 05.2 -0.2
TWQ1	baz=288		i S	Sn 14 42 25.1 +0.6
TWS1	Kuangyinshan baz=325	1.54 327	P	Pn 14 42 03.5 +0.6
TWS1	baz=325		S	Sn 14 42 22.9 +0.9
CHN5	Tsaling baz=260	1.55 262	P	Pb 14 42 05.3 -0.3
CHN5	baz=260		S	Sb 14 42 24.8 -0.1
HSN1	Hsinchu baz=306	1.55 309	P	Pb 14 42 05.0 -0.5
HSN1	baz=306		S	Sb 14 42 25.5 +0.7
ANP	Anpu baz=330	1.56 331	P	Pn 14 42 04.3 +0.9
ANP	baz=330		S	Sb 14 42 24.2 -1.1
NCU	National Centr baz=316	1.56 318	P	Pb 14 42 05.9 0.0
NCU	baz=316		S	Sb 14 42 25.0 -0.3
NCUH	Zhongji baz=316	1.56 318	i P	Pb 14 42 04.8 -1.1

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NCUH	baz=316	S	Sb	14 42 24.5 -0.8
TCU	Taichung baz=280	1.57 283	i P	Pb 14 42 06.1 +0.2
TCU	baz=280		i S	Sb 14 42 26.9 +1.6
NSY	Sanyi baz=290	1.57 293	P	Pb 14 42 06.0 0.0
NSY	baz=290		S	Sb 14 42 26.0 +0.6
JKRS	Kuro-shima baz=290	1.58 74	P	Pn 14 42 04.5 +1.0
JKRS	baz=290		eS	Sn 14 42 24.4 -1.2
NTST	Danshui baz=327	1.58 329	i P	Pn 14 42 04.6 +1.0
NTST	baz=327		S	Sb 14 42 24.4 -1.2
STYH	Taoyuan baz=237	1.58 246	P	Pb 14 42 05.2 -0.9
STYH	baz=237		S	Sn 14 42 24.2 +1.2
SBCB	Hsinchu baz=306	1.58 308	P	Pb 14 42 05.9 -0.2
SBCB	baz=306		S	Sb 14 42 26.3 +0.5
NMLH	Miaoili baz=295	1.59 297	i P	Pb 14 42 05.9 -0.5
NMLH	baz=295		i S	Sb 14 42 26.6 +0.4
HSN	Hsinchu baz=308	1.60 308	P	Pb 14 42 06.2 -0.3
HSN	baz=308		S	Sb 14 42 26.6 +0.4
NJN	Zhunan baz=301	1.60 303	S	Sb 14 42 26.6 +0.3
TWY	Chenhua baz=349	1.61 335	P	Pb 14 42 05.8 -0.8
TWY	baz=349		S	Sn 14 42 24.9 +1.1
WYL	Yuanlin Townsh baz=261	1.63 276	P	Pb 14 42 06.4 -0.4
WYL	baz=261		S	Sb 14 42 28.6 +1.6
WGK	Gukeng baz=263	1.64 266	i P	Pb 14 42 07.0 -0.2
WGK	baz=263		i S	Sb 14 42 27.9 +0.4
WDJ	Dajia District baz=287	1.65 289	P	Pb 14 42 07.6 -0.7
WDJ	baz=287		eS	Sb 14 42 27.3 -0.4
TPUB	Ta-pu baz=243	1.66 252	P	Pb 14 42 06.9 -0.6
TPUB	baz=243		S	Sb 14 42 27.8 -0.1
WCHH	Zhanchhua baz=277	1.66 280	i P	Pb 14 42 07.2 -0.2
WCHH	baz=277		i S	Sb 14 42 29.1 +1.2
WDLH	Douliu baz=263	1.66 266	i P	Pb 14 42 07.3 -0.2
WDLH	baz=263		S	Sb 14 42 28.9 +0.8
CHN4	Tsushan baz=252	1.68 254	P	Pb 14 42 07.4 -0.3
CHN4	baz=252		S	Sb 14 42 29.3 +0.9
WTP	Ta-pu baz=240	1.69 251	i P	Pb 14 42 07.4 -0.6
WTP	baz=240		i S	Sb 14 42 29.6 +0.7
JJJ	Ishigaji jima baz=258	1.73 71	P	Pn 14 42 05.9 +0.3
JJJ	baz=258		S	Sn 14 42 26.5 -0.2
CHN2	Minshingui baz=258	1.74 261	i P	Pb 14 42 08.9 0.0
CHN2	baz=258		S	Sb 14 42 30.5 +0.2
ECL	Taimali baz=235	1.76 227	i P	Pn 14 42 06.3 +0.2
ECL	baz=235		S	Sn 14 42 26.8 -0.8
SLGT	Liugui baz=235	1.76 243	P	Pb 14 42 08.8 -0.4
SLGT	baz=235		S	Sb 14 42 29.6 -1.4
SGST	Jiashian baz=236	1.78 246	P	Pb 14 42 09.0 -0.5
SGST	baz=236		S	Sb 14 42 32.2 +0.8
TWK	Hsinying baz=250	1.79 253	P	Pb 14 42 09.1 -0.6
TWK	baz=250		S	Sb 14 42 32.0 +0.2
CHY	Chiayi baz=258	1.79 260	i P	Pb 14 42 09.7 -0.6
CHY	baz=258		i S	Sb 14 42 31.9 +0.2
JISG	Ishigajimahi baz=230	1.95 66	P	Pn 14 42 08.9 +0.2
JISG	baz=230		eS	Sn 14 42 42.2 +1.3

WRA	Warramunga Arr	42.88 264	P	P	15 08 46.5 +0.6
FORT	Forrest	47.15 248	P	P	15 09 19.2 -0.3
MTN	Manton Dam	47.72 273	P	P	15 09 23.3 -0.7
KNRA	Kunurra	49.06 268	P	P	15 09 33.9 0.0
KNRA	comp=Z,19nm,1.0s		I Amb	I Amb	15 09 34.9
FAKI	Fak Fak	50.53 286	P	P	15 09 44.4 -0.2
FAKI	comp=Z,23nm,1.3s		I Amb	I Amb	15 09 50.9
SOEI	Soe	55.09 274	P	P	15 10 16.6 -0.6
SOEI	comp=Z,22nm,0.8s		I Amb	I Amb	15 10 28.8
SBA	Scott Base	55.81 183	P	P	15 10 23.6 +2.6
VNDA	Vanda	55.81 185	P	P	15 10 22.5 +1.5
VNDA	comp=Z,1.1nm,0.7s,ba=349,slow=6.7,SNR=11		P	P	15 10 22.6 +1.6
MMRI	Maumere	57.36 274	P	P	15 10 32.1 -0.6
MMRI	comp=Z,52nm,1.3s		I Amb	I Amb	15 10 48.8
MORW	Morawa	57.70 249	P	P	15 10 34.6 -0.2
MORW	comp=Z,18nm,1.4s		I Amb	I Amb	15 10 36.8
TOL2	Toiltoil	62.58 284	P	P	15 11 07.6 +0.4
TOL2	comp=Z,14nm,1.4s		I Amb	I Amb	15 11 10.1
MJB9	Matsu-Tunnel	70.94 325	P	P	15 11 55.6 -2.6
BELA	Belgrano 2	77.79 173	P	P	15 12 35.2 -0.8
MDPB	Devils Postpil	82.53 44	P	P	15 13 01.9 +0.2
BEKR	Beckworth	83.04 42	P	P	15 13 04.4 +0.4
NVAR	Mina Array Bea	83.49 44	P	P	15 13 07.3 +1.0
NVAR	comp=Z,1.7nm,0.9s,ba=221,slow=9.0,SNR=11		P	P	15 13 07.3 +1.0
SNA	Sanae	86.07 179	P	P	15 13 17.0 -1.1
VNA3	Neumayer Olymp	86.26 177	P	P	15 13 18.0 -1.0
U15A	North Rim	86.40 48	P	P	15 13 21.0 +0.5
U15A	comp=Z,3.2nm,0.9s		I Amb	I Amb	15 13 22.6
VNA2	Neumayer-Watz	86.69 177	P	P	15 13 20.4 -0.6
VNA2	baz=187,slow=3.9		P	P	15 13 22.0 0.0
VNA1	Neumayer-Stat	86.92 177	P	P	15 13 24.2 +0.8
G08A	Pilot Rock	87.10 38	P	P	15 13 25.1
G08A	comp=Z,6.0nm,1.1s		I Amb	I Amb	15 13 32.9
TMUT	Trail Mountain	88.61 46	P	P	15 13 31.4 +0.5
TMUT	comp=Z,3.9nm,0.9s		I Amb	I Amb	15 13 32.9
CMAR	Chiang Mai Arr	89.37 290	P	P	15 13 34.7 +0.2
CMAR	comp=Z,0.4nm,0.3s,ba=146,slow=3.7,SNR=4.7		P	P	15 13 34.7 +0.2
TX31	Lajitas Arr. Si	89.38 58	P	P	15 13 34.5 +0.1
TX31	comp=Z,9.8nm,1.1s		I Amb	I Amb	15 13 36.5
TX32	Lajitas Array	89.38 58	P	P	15 13 34.3 -0.1
TX32	comp=Z,3.4nm,1.1s		I Amb	I Amb	15 13 36.5
TXAR	Lajitas Array	89.38 58	P	P	15 13 35.7 +1.3
TXAR	comp=Z,0.5nm,0.5s,ba=205,slow=5.5,SNR=13		P	P	15 13 35.7 +1.3
HHC	Hu-ho-hao-te	89.67 315	eP	eP	15 13 35.1 -0.4
HHC	comp=Z,17nm,0.9s		pmax	pmax	15 13 35.1 -0.4
HHC	comp=Z,210nm,5.3s		pmax	pmax	15 13 35.1 -0.4
ILAR	Eielson Array	90.58 13	P	P	15 13 38.0 -1.0
ILAR	comp=Z,0.3nm,0.7s,ba=253,slow=6.2,SNR=3.1		P	P	15 13 38.0 -1.0
PDAR	Pinedale Array	91.43 44	P	P	15 13 44.0 +0.2
PDAR	comp=Z,0.5nm,0.6s,ba=223,slow=5.9,SNR=4.8		P	P	15 13 44.0 +0.2
KSH	Kashi	114.78 304	PKP	PKP	15 19 13.1 -1.0
HFS	Hagfors	141.23 349	PKP	PKP	15 19 15.8
HFS	comp=Z,1.1nm,0.3s,ba=54,slow=3.8,SNR=10		PKP	PKP	15 19 15.8
AKAS	Main Array Be	143.96 329	PKP	PKP	15 20 06.9 -0.9
AKAS	comp=Z,0.5nm,0.5s,ba=45,slow=5.3,SNR=5.9		PKP	PKP	15 20 06.9 -0.9
EKA	Eskdalemuir Arr	147.09 4	PKP	PKP	15 20 16.0 -0.6
EKA	comp=Z,0.6nm,0.4s,ba=346,slow=2.6,SNR=5.7		PKP	PKP	15 20 16.0 -0.6
LANS	Liptovska Anna	149.39 335	ePKP	ePKP	15 20 22.6 0.0
CLL	Colin	149.60 344	ePKP	ePKP	15 20 23.0 0.0
CLL	comp=Z,11nm,1.0s		ePKP	ePKP	15 20 23.0 0.0
CLL	comp=Z,4.5nm,0.6s		ePKP	ePKP	15 20 31.0 +0.4
BRG	Berggiesshubel	149.75 343	ePKP	ePKP	15 20 42.0 +4.1
BRG	comp=Z,2.4nm,0.6s		Amp	Amp	15 20 23.7 +0.4
GERES	GERES Array B	151.64 3			

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time Res. Includes stations like UZH, CRVS, FINES, Geres, etc.

MAN 24 16:24:54.6, 10.66N:126.54E, h33km, mb4.1, ML2.9, MS2.5, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time Res. Includes stations like SCPH, HHC, etc.

NEIC 24 16:25:36.4, 1.3, 16.19S:0.04:168.3E:0.1, h180km, gkm, mb4.4/17, Error ellipse: s-maj=18.1km s-min=5.9km az=99.0

NOU 24 16:25:40.7, 16.26S:167.95E, h153km, h24.36, Vanuatu Islands

ISC 24 16:25:42.9, 16.0, 16.43S:167.84E, h145km, 59km, mb3.7/4, mb1 3.8/5, mb1mx3.4/3, mbtmp4.2/5, Error ellipse: s-maj=22.8km s-min=6.0km az=50.0

ISC 24 16:25:36.3, 1.5, 16.15S:0.09:168.1E:0.2, h177km, n31, s129/30, mb4.3/11, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time Res. Includes stations like SANVU, DVP, LIFNC, etc.

CTA Charters Tower 21.16 256 P P 16 30 08.2 +0.3

CTAO Charters Tower 21.16 256 I Amb I Amb 16 30 08.2 +0.3

COEN Coen 24.20 272 P I Amb I Amb 16 30 36.7 -0.1

STKA Stephens Creek 28.75 232 P P 16 31 17.2 -0.3

STK Stephens Creek 28.75 232 P P 16 31 17.8 +0.3

WRD Warramunga Arr 32.27 258 P P 16 31 47.8 -0.8

WRD Warramunga Arr 32.27 258 I Amb I Amb 16 31 56.1

WRA Warramunga Arr 32.33 258 P P 16 31 50.4 +1.4

AS31 Alice Springs 32.98 251 P P 16 31 54.1 -0.7

ASAR Alice Springs 32.99 251 P P 16 31 53.9 -0.9

BBOO Buckleboo 33.41 234 P P 16 31 58.1 -0.1

MNTN Manton Dam 35.95 270 I Amb I Amb 16 32 20.0 -0.2

FAKI Fak Fak 37.67 287 P P 16 32 34.7 -0.1

KNRA Kununurra 37.83 265 P P 16 32 35.0 -0.7

MCQ Macquarie Isla 38.93 189 P P 16 32 42.3 -2.5

PSA00 Pilbara Seismi 45.88 255 P P 16 33 42.1 +0.7

JAGI Jajaj, Banawa 53.17 271 P P 16 34 35.9 -0.8

QSPA South Pole Qui 57.89 281 P P 16 36 52.8 +1.1

ISC 24 16:25:59.0, 6.2, 2.80S:0.05:122.43E:0.06, h35km, n59, s173/46, mb4.2/9, MS3.6/13, Sulawesi

Code Station Name Az Az2 Phase ID Op ISC h m s ISC Time Res

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time Res. Includes station KDI.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time Res. Includes stations like KKKI, APSS, TTSI, etc.

WEL 24 17:22:35.7, 0.9, 38.8S:177.6E:0.1, h170km, 7km, M2.5/20, ML2.8/14, MLv2.5/20, North Island: s-maj=0.0km s-min=0.0km az=128.8, Error ellipse: s-maj=0.0km

Code Station Name Az Az2 Phase ID Op ISC h m s ISC Time Res

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time Res. Includes stations like TGRZ, TOUZ, etc.

TGRZ Tauranga 0.21 240 P P 17 22 58.8 +0.4

TOUZ Tauroa Road 0.80 252 P P 17 23 01.9 +1.0

URZ Urewera 1.00 143 S S 17 23 21.2 +0.7

RUGZ Raukumara Rang 0.80 111 S S 17 23 07.1 -0.8

HUZ Te Kaha 1.03 98 P P 17 23 22.6 -0.5

HAZ Matawai 1.08 131 P P 17 23 03.6 +0.5

MWZ Maungataniwha 1.26 168 P P 17 23 05.5 +0.9

MTHZ Maungataniwha 1.28 103 P P 17 23 04.9 +0.1

PKGZ Pakihoro 1.24 103 S S 17 23 05.5 +1.3

SNGZ Shannon Statio 1.30 150 P P 17 23 29.7 +1.5

RAHZ Aarahi 1.38 160 P P 17 23 06.5 +0.9

MAHZ Matakaoa Point 1.44 88 S S 17 23 30.7 +1.0

PUZ Puketiti 1.47 108 P P 17 23 05.8 -0.7

PIUZ Rimuhau 2.47 138 P P 17 23 30.0 -0.1

WMGZ Waioamataniwa 1.54 98 P P 17 23 06.8 -0.3

BKZ Blak Stump Fm 1.54 180 P P 17 23 07.4 +0.1

BKZ Blak Stump Fm 1.54 180 S S 17 23 32.4 +0.6

HKZ Hauiti 1.57 235 P P 17 23 04.4 +0.9

CNGZ Canagh Statio 1.60 323 LR LR 17 23 07.1 +0.9

ARHZ Aroapanui 1.69 167 P P 17 23 10.8 +2.1

KWHZ Kaweka Forest 1.80 182 P P 17 23 10.5 +0.6

MHGZ Mahia Peninsul 1.89 144 P P 17 23 11.1 +0.3

BHHZ Black Hill Sta 1.90 190 P P 17 23 11.0 0.0

BHRZ Kereru 2.02 183 P S 17 23 37.6 -0.8

KRHZ Kahurangi 2.19 172 P P 17 23 40.8 0.0

KAHZ Kahunaraki 2.19 172 P P 17 23 14.6 +0.4

Pawarui 2.42 173 P P 17 23 16.5 -0.3

PXZ Waipukurau 2.44 181 S S 17 23 16.5 -0.4

TSZ Takapari Road 2.47 180 P P 17 23 06.8 -0.3

GRWZ Mangataniwa R 3.12 193 P P 17 23 23.5 -1.8

OWGZ Otaki Goinke 3.35 197 P P 17 23 26.1 -2.1

HOWZ Holdsworth Sta 3.36 193 P P 17 23 26.1 -2.2

MWZ Mount Morrison 3.62 192 P P 17 23 28.7 -2.9

CAWZ Cannon Point 3.75 221 P P 17 23 29.2 -3.3

MSWZ Moikau Station 3.91 194 P P 17 23 32.0 -3.3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time Res. Includes stations like MSFV, MSVF, MSV, etc.

EDFI Ende Flores 0.27 126 P Op P 18 00 41.8 +1.8

MMRI Maumere 0.77 94 P P 18 00 04.9 +2.5

MMRI Maumere 0.77 94 P P 18 00 04.9 +2.5

WSI Waingapu 1.57 227 P P 18 00 09.6 -0.2

WBSI Waikabubak, Su 2.30 243 P P 18 00 17.6 -0.6

BBSI Bau Bau, Buton 2.62 338 P P 18 00 23.7 +1.7

BATI Bauntau 2.70 127 P P 18 00 25.3 +2.1

BATI Bauntau 2.70 127 P S 18 00 58.1 +1.3

BATI Bauntau 2.70 127 P P 18 00 25.2 +2.1

SOEI Soe 3.00 113 P P 18 00 29.4 +2.5

SOEI Soe 3.00 113 P P 18 00 29.4 +2.5

BKSI Bulukumba 3.51 338 P P 18 00 35.3 +1.9

PLAI Plampang 3.65 266 P P 18 00 35.8 +0.6

MKS Makassar 3.89 329 P P 18 00 41.3 +3.0

KAPI Kappang 3.94 334 P P 18 00 42.2 +3.4

KAPI Kappang 3.94 334 Pn P 18 00 41.9 +3.0

BNSI Bone 4.38 342 P P 18 00 48.1 +3.4

KKSI Kolaka, Sulawesi 4.39 247 P P 18 00 48.2 +3.3

WSSI Talakka, Sumb 4.52 268 P P 18 00 46.5 +1.8

KDI Kendari 4.75 344 P P 18 00 52.8 +3.3

TTSI Tana Toraja 5.47 143 P P 18 01 06.7 +3.9

KHKI Kahang-Kahang 5.80 272 P P 18 01 02.3 -1.2

DNP Denpasar 6.18 269 P P 18 01 09.5 +0.8

SRBI Singaraja 6.21 274 P P 18 01 08.9 -0.1

JAGI Jajaj, Banyuwa 7.23 270 Pn P 18 01 19.5 -3.3

JAGI Jajaj, Banyuwa 7.23 270 P P 18 01 19.4 -3.3

APSI Ampna 7.63 1 P P 18 01 32.4 +4.4

NLAI Namlea 7.72 47 P P 18 01 35.1 +5.9

SANI Sanana 7.90 35 P P 18 01 36.1 +4.5

BBKI Banjar Baru 8.32 307 P P 18 01 40.4 +3.1

KRKI Karangasem 8.93 272 P P 18 01 47.7 +2.4

MPSI Papaga 9.00 350 P P 18 01 51.1 +4.8

MRSI Marisa 9.02 3 P P 18 01 52.5 +6.0

BNDI Bandanaria 9.31 65 P P 18 02 05.9 +1.6

PWJI Pagerwojo 9.58 273 P P 18 01 54.8 +0.9

SJI Sawailan 9.64 274 P P 18 01 56.5 +1.7

TOLIZ Tolitoli 9.66 356 Pn P 18 01 59.4 +4.4

SAUI Saunlaiki 9.75 87 Pn P 18 01 55.6 -0.6

SAUI Saunlaiki 9.75 87 Pn P 18 01 55.6 -0.6

KNRA Kununurra 10.02 135 Pn S 18 03 38.5 -5.9

MTKI Muara Teweih, K 10.03 319 P P 18 02 02.9 +3.0

PCJI Pocatitan 10.19 271 P P 18 02 01.1 -0.9

MTN Mantong Dam 10.40 115 Pn P 18 02 04.1 -0.7

UGM Wanagama 10.85 273 Pn P 18 02 09.4 -1.4

UGM Wanagama 10.85 273 Pn P 18 02 11.2 +0.4

TNTI Ternate 11.00 33 Pn P 18 02 13.8 +1.0

TNTI Ternate 11.00 33 Pn P 18 02 16.8 +0.0

FAKI Fak Fak 12.12 63 Pn P 18 02 27.4 +0.1

FAKI Fak Fak 12.12 63 Pn P 18 02 27.9 +0.6

SWI Sorong 12.41 52 P P 18 02 33.2 +2.0

SJI Sorong 12.41 52 P P 18 02 31.8 +0.6

SJI Sorong 12.41 52 P P 18 02 34.6 +3.4

KPJI Karang Pucung 12.48 275 P P 18 02 32.5 +0.5

PSA00 Pilbara Seismi 13.00 187 P P 18 02 37.6 -1.2

PSA00 Pilbara Seismi 13.00 187 P P 18 02 38.0 -0.8

CISI Cisempet, Garu 13.55 273 Pn P 18 02 42.9 -3.0

CISI Cisempet, Garu 13.55 273 Pn P 18 02 46.1 +0.2

LEM Lembah 13.85 276 P P 18 02 52.8 -0.2

GIRL Giralang 15.61 206 P P 18 03 11.3 -0.1

WBO Warramunga Arr 16.74 133 P P 18 03 24.9 -0.1

WBO Warramunga Arr 16.74 133 I Amb I Amb 18 03 30.2

WRA Warramunga Arr 16.81 134 P P 18 03 26.1 0.0

WRA Warramunga Arr 16.81 134 S S 18 06 22.3 -1.1

WRAB Tennant Creek 16.81 133 P I Amb I Amb 18 03 25.1 -0.6

WRAB Tennant Creek 16.81 133 P P 18 03 25.5 -0.1

WBSI Warramunga Arr 16.82 134 P P 18 03 25.9 +0.1

WRO Warramunga Arr 16.96 133 P I Amb I Amb 18 03 31.5 -0.1

KASI Kota Agung 17.11 279 P P 18 03 29.9 +0.1

AS31 Alice Springs 19.15 143 P P 18 03 53.1 -0.8

AS31 Alice Springs 19.15 143 I Amb I Amb 18 04 02.4

ASAR Alice Springs 19.15 143 P P 18 03 52.7 -1.2

ASAR Alice Springs 19.15 143 P S 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

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ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

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ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

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ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

ASAR Alice Springs 19.15 143 P P 18 07 17.4 -3.2

Table with columns for station name, frequency, power, and other technical details. Includes stations like LIFNC, SANVU, PINNC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NWAOW, BLDU, MORW, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SUA, SPR3, KNB, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like CLL, DPC, LANS, KRLC, BRG, etc.

VAO 24 22:16:33.7z 0.3, 1.99S; 76.48W, h10km, mb4.5
IDC 24 22:16:33.7z 0.8, 1.58S; 76.20W, h36km, mb3.5/5,
mb1 3.8/9, mb1mx3.9/20, mbtm3.9/9, ML3.9/4, MS3.1/10,
Ms1 3.1/10, ms1mx2.9/26, Error ellipse: s-maj=24.9km
s-min=17.8km az=77.0

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PUYO, REVIS, LAVI, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like GGPT, TOAZA, Volcan, etc.

IGQ 24 22:16:35.0z 0.6, 2.5z 4.77W, h10km
NEIC 24 22:16:36.1z 1.7, 1.68S; 0.06z 76.19W; 0.09, h57km, 6km,
mb4.2/19, Md4.7(GQ), Error ellipse: s-maj=12.5km
s-min=8.6km az=79.0

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PUYO, REVIS, LAVI, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PLCA, PASO, Flores, etc.

SJA 24 22:28:41.7z 0.7, 2.4z 30S; 67.11W, h202km, 4km, ML4.0,
MW3.8
IDC 24 22:28:43.1z 1.5, 2.4z 14S; 66.90W, h173km, 11km, mb3.5/8,
mb1 3.6/12, mb1mx3.5/22, mbtm3.9/12, Error ellipse:
s-maj=22.3km s-min=15.9km az=20.0

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like SLA, SAN, LORENZO, etc.

25d Oh

2015 AUG

1254

Table with columns: Station Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like ANMO Albuquerque, DAG Danmarks Havn, LENM Lemitar, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like GTA GTA, Z35A Perchaven, X37A Clayton, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like Y45A PLAL Pickwick Lake, M54A Oil Creek, P52A Corning, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRSR Korea Array, PETK Petropavlovsk, ULN Ulanbaatar, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11N1 WAKE ISLAND HY 29.04 132, H11N3 WAKE ISLAND HY 29.05 132, H11S1 WAKE ISLAND HY 29.91 134, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZAAO Zalesov Array, ZALV Zalesovo Beam, ZALV Zalesov Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KDKAK Kodiak Island, MK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like L27K Beaver Creek, EPYK Eagle Plains, INK Inuvik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11N1 WAKE ISLAND HY 29.04 132, H11N3 WAKE ISLAND HY 29.05 132, H11S1 WAKE ISLAND HY 29.91 134, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NOB2 NORARS Subarra, NOA NORARS Array, PDAR Pinedale Array, etc.

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

GRAL 25 02:51:28.0,0.3,33.40N,36.62E, h8km,3km, MD2.9
GII 25 02:51:29.2,0.0,33.61N,36.42E, h1km
ISC 25 02:51:27.8,2.2,33.60N,0.06,36.6E,0.1,h11km,n10,
o561/14,Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RCY Rachaya, NATI Neve Ativ, BHQ Bhannes, etc.

WEL 25 02:17:19.3,0.7,45.5S,4.167E, h102km,5km, M4.0/24,
MLV4.0/24, Error ellipse: s-maj=0.0km s-min=0.0km
az=112.4, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSZ Milford Sound, MLZ Mavora Lakes, WHZ Wether Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WZK Wanaka, PYZ Pyesgur Point, EAZ Earnsclough, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WZK Wanaka, PYZ Pyesgur Point, EAZ Earnsclough, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WZK Wanaka, PYZ Pyesgur Point, EAZ Earnsclough, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WZK Wanaka, PYZ Pyesgur Point, EAZ Earnsclough, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WZK Wanaka, PYZ Pyesgur Point, EAZ Earnsclough, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WZK Wanaka, PYZ Pyesgur Point, EAZ Earnsclough, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WZK Wanaka, PYZ Pyesgur Point, EAZ Earnsclough, etc.

GRAL 25 02:51:28.0,0.3,33.40N,36.62E, h8km,3km, MD2.9
GII 25 02:51:29.2,0.0,33.61N,36.42E, h1km
ISC 25 02:51:27.8,2.2,33.60N,0.06,36.6E,0.1,h11km,n10,
o561/14,Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, PKDT Phuket, PKDT Phuket, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, PKDT Phuket, PKDT Phuket, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, PKDT Phuket, PKDT Phuket, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, PKDT Phuket, PKDT Phuket, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, PKDT Phuket, PKDT Phuket, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, PKDT Phuket, PKDT Phuket, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, PKDT Phuket, PKDT Phuket, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, PKDT Phuket, PKDT Phuket, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, PKDT Phuket, PKDT Phuket, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, PKDT Phuket, PKDT Phuket, etc.

25d 3h

Table with columns: MDRS, Chennai, 15.16 303, eP, Pn, 03 33 06.2, 0.0, 03 33 10.2, etc. Lists various stations and their coordinates.

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Table with columns: GTOI, Gorontalo, 30.01 97, P, P, 03 35 40.2, -0.2, 30.01 97, etc. Lists various stations and their coordinates.

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Table with columns: NWA0, Narogin (SRO), 44.02 151, P, P, 03 37 39.5, +0.5, 44.02 151, etc. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Cerro Castillo, Cerro Sombrero, Ushuaia, etc.

IDC 25 07:53:26.0.1.3, 52:87S:74.88W, h0km, mb4, 1/7, mb1 3.8/16, mb1mx3.9/55, mbtmp4.1/8, ML4.21, MS3.5/9, MS1 3.5/9, ms13.3/22, Error ellipse: s-maj=31.8km s-min=17.1km az=73.0

NEIC 25 07:53:28.0.1.7, 52:94S:075.0W:0.1, h16km, 5km, mb4.5/10, Error ellipse: s-maj=16.6km s-min=6.2km az=103.0

ISC 25 07:53:30.4b.0.7, 52:93S:075.0W:0.1, h35km, n38, a079/26, mb4.2/10, MS3.5/7, Southern Chile

Main table for 25d 8h section, listing station codes (e.g., G009, MG02, USHA) and their corresponding data points.

IDC 25 08:18:56.8.0.9, 23:01S:66:34W, h217km, 9km, mb3.7/9, mb1 3.8/16, mb1mx3.7/26, mbtmp4.3/16, Error ellipse: s-maj=13.5km s-min=12.7km az=18.0

SJA 25 08:18:57.1.0.6, 23:05S:66:51W, h234km, 4km, ML4.2, MW4.0

NEIC 25 08:18:58.1.0.2, 22:89S:66:38W, h235km, mb4.4

ISC 25 08:18:56.1.0.3, 23:01S:0.04:66.44W:0.04, h222km, n187, a1947/205, mb4.4/34, Jujuy Province

Table for 25d 8h section, listing station codes (e.g., HJA, YJA, AF01) and their corresponding data points.

Main table for 2015 AUG section, listing station codes (e.g., PB01, PB05, PB04) and their corresponding data points.

Main table for 1264 section, listing station codes (e.g., NBPS, NBMA, NBAN) and their corresponding data points.

NOU 25 08:40:28.0.41:16S:173:94E, h72km, ML4.0/10, South Island

WEL 25 08:40:28.5.41:15S:174:11E, h59km, 8km, M3.7/15, ML4.1/15, MLv3.7/15, Error ellipse: s-maj=0.0km s-min=0.0km az=127.4, South Island

Table for 1264 section, listing station codes (e.g., TUWZ, TCW, DUWZ) and their corresponding data points.

25d 10h

LDG 25 09:58:26.0, 0.2, 36.90N, 4.00E, h30km, M13, 2/15, Error ellipse: s-maj=3.4km s-min=2.4km az=163.0

ISC 25 09:58:22.0, 0.8, 37.702N, 0.004, 3.84E, 0.03, h13km, n103, c=245/148, 2C, Western Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Boumerdes, Algier-Bouzarea, etc.

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2.7nm, 0.6s SMRF Simiane la Rot 7.07 10 ePn Pn 10 00 06.8 +1.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Simiane la Rot, Ste Jean, Sospel, etc.

ISK 25 10:00:15.1, 39.31N, 37.15E, h0km, ML2, 1/6, Suspected Mining explosion. DDA 25 10:00:15.1, 39.31N, 37.16E, h7km, 2km, MW2.6

ISC 25 10:00:15.6, 0.8, 39.33N, 0.003, 37.20E, 0.02, h0km, n17, c=0596/27, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Simiane la Rot, Ste Jean, Sospel, etc.

IDC 25 10:00:18.5, 3.7, 64.68N, 32.16E, h0km, mb1 2.8/3, mb1mx2.8/41, mbtmp2.7/3, ML2, 1/3, Error ellipse: s-maj=53.8km s-min=11.7km az=99.0

HEL 25 10:00:22.0, 0.3, 64.77N, 30.61E, h0km, ML2.0, Explosion KOLA 25 10:00:24.8, 64.76N, 31.07E, h0km, ML2.4, Kostomuksha, Karelia

ISC 25 10:00:20.3, 1.0, 64.83N, 0.003, 31.03E, 0.05, h0km, n22, c=1940/32, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Rieikki, Maaselka, Oluanku, etc.

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FIAO FINESS Array S 4.08 216 SG Sb 10 02 24.7 +2.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like FIAO, FINES, UMAU, etc.

INET 25 10:03:46.1, 9.74N, 84.13W, h66km, MW3.5 UPA 25 10:03:48.1, 9.96N, 84.03W, h5km, 10km, MW4.2

1C-4D, Costa Rica Code Station Name Az AzZ Phase ID Op ISC Time Res h m s ISC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Durika, Las Juntas de JTS, etc.

NEIC 25 10:14:58.3, 2.3, 19.15N, 0.10, 145.6E, 0.2, h115km, 9km, mb4.3/21, Error ellipse: s-maj=30.9km s-min=14.5km az=88.0

IDC 25 10:15:01.6, 2.9, 19.16N, 145.43E, h155km, 29km, mb3.4/9, mb1 3.7/10, mb1mx3.4/47, mbtmp3.9/10, Error ellipse: s-maj=16.0km s-min=16.4km az=103.0

ISC 25 10:14:56.7, 0.6, 19.31N, 0.07, 145.6E, 0.2, h100km, n36, c=1567/36, mb4.1/19, Mariana Islands

Code Station Name Az AzZ Phase ID Op ISC Time Res h m s ISC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Anatahan, GUM0, JKA, etc.

ILAR Eielson Array 63.15 26 P P 10 25 13.1 -0.6

RIDG Independent IR 63.83 28 I Amb I Amb 10 25 20.1

BMAR Burnt Mountain 64.60 24 P P 10 25 25.3 +2.1

EGAK Eagle 65.57 27 P P 10 25 29.4 -0.1

DAWY Dawson 66.28 28 P P 10 25 34.8 +0.9

EGAK Eagle 65.57 27 P P 10 25 29.4 -0.1

GUC 25 10:15:25.2, 0.7, 19.29S, 69.37W, h98km, 3km, ML3.8

VAO 25 10:15:27.1, 0.5, 19.33S, 69.02W, h127km, 5km, mb4.1

IDC 25 10:15:33.9, 6.8, 18.43N, 69.12W, h184km, 43km, mb3.4/2, mb1 3.3/3, mb1mx3.0/24, mbtmp3.7/3, Error ellipse: s-maj=86.2km s-min=69.6km az=30.0

ISC 25 10:15:22.4, 0.7, 19.29S, 0.04, 69.43W, 0.07, h114km, 7km, n37, c=1963/49, 6C-4D, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like IPOC Station P, Pisagua, etc.

MA2	comp=Z,22nm,1.3s	I	Amb	I	Amb	11 30 13.1
CHAI	Chaiyaphum 41.76 274	P	P			11 30 12.4 +0.9
SRAK	comp=Z,468nm,comp=Z,425m,0.8s 42.05 271	P	P			11 30 11.5 -2.4
SJI	Sawahan 42.21 235	P	P			11 30 15.5 +0.3
PWJI	Pagerwojo 42.35 254	P	P			11 30 16.4 +0.1
KOUNC	Koumang, New Ca 42.58 135	P	P			11 30 19.7 +1.7
UTTA	Utatarid 42.84 277	P	P			11 30 21.1 +0.9
PHIT	Phitsanulok 43.04 276	P	P			11 30 23.1 +1.2
AS31	Alice Springs 43.12 196	P	P			11 30 22.7 +0.4
AS31	Alice Springs 43.12 196	I	Amb	I	Amb	11 30 25.4
ASAR	Alice Springs 43.12 196	P	P			11 30 22.7 +0.3
ASAR	comp=Z,0.8nm,0.6s,baz=21,slow=7.4,SNR=81 ScP			ScP		11 35 38.0 -2.7
ASAR	comp=Z,2.5nm,0.8s,baz=20,slow=4.2,SNR=10 S			S		11 36 31.5 -2.0
ASAR	comp=Z,1.5nm,0.8s,baz=22,slow=2.0,SNR=7.1					11 30 24.4 0.0
ASAR	Alice Springs 43.12 196	P	P			11 30 22.4 0.0
UGM	Wanagama 43.29 236	P	P			11 30 23.3 +0.4
SONM	Songino Array 43.55 322	P	P			11 30 26.4 +0.7
SONM	comp=Z,1.1nm,0.5s,baz=136,slow=7.4,SNR=6.5 ScP			ScP		11 35 38.5 -3.7
SONM	comp=Z,0.7nm,0.8s,baz=120,slow=5.7,SNR=3.0					11 30 24.5 -1.2
SONM	Songino Array 43.55 322	P	P			11 30 24.4 -1.2
EIDS	Eidsvold 43.58 173	P	P			11 30 26.1 +0.1
NYKOL	Kota Tinggii 44.12 253	P	P			11 30 37.0 +2.5
CMMT	Chiang Mai 44.21 279	P	P			11 30 32.8 +1.6
CMMT	Chiang Mai 44.21 279	P	P			11 30 32.8 +1.6
CHTO	Chiang Mai 44.22 279	P	P			11 30 32.8 +1.6
CHTO	Chiang Mai 44.22 279	P	P			11 30 32.0 +0.8
CHTO	Chiang Mai 44.22 279	P	P			11 30 32.8 +1.6
KPJI	comp=Z,4.4nm,0.7s Karung Pucuc 44.23 238	P	P			11 30 32.1 +0.8
CM31	Chiang Mai Arr 44.26 278	P	P			11 30 32.4 +0.8
CM31	Chiang Mai Arr 44.26 278	I	Amb	I	Amb	11 30 35.9
CMAR	Chiang Mai Arr 44.26 278	P	P			11 30 32.9 +1.2
CMAR	Chiang Mai Arr 44.26 278	P	P			11 30 32.5 +0.9
CMAR	Kanaga Island 44.54 32	P	P			11 30 34.6 +1.4
KIWB	Jerantut 44.56 257	P	P			11 30 36.0 +2.0
JRM	Adak 44.73 33	P	P			11 30 36.6 +1.4
DZM	Mont Dzumac 44.85 152	P	P			11 30 37.2 +1.0
DZM	Mont Dzumac 44.85 152	P	P			11 30 37.5 +1.3
GTA	Gaotai 44.85 308	ep	P			11 30 36.0 -0.2
GTA	Gaotai 44.85 308	pp	sp	pp	sp	11 31 23.0 -0.7
GTA	Gaotai 44.85 308	pmax	pmax			11 31 42.3 +2.3
YATNC	Mamie plateau, 45.04 152	P	P			11 30 39.9 +2.3
ONTNC	Ouen Toro 45.06 152	P	P			11 30 39.1 +1.4
ONTNC	Ouen Toro 45.06 152	I	Amb	I	Amb	11 30 39.5
MARNC	Mare, Loyalty 45.07 150	P	P			11 30 38.4 +0.6
CISI	Cisompel, Garu 45.26 239	P	P			11 30 38.2 -1.4
CISI	Cisompel, Garu 45.26 239	I	Amb	I	Amb	11 30 39.7
OUENC	Ouen Island, N 45.33 152	P	P			11 30 40.7 +0.9
OUENC	Ouen Island, N 45.33 152	P	P			11 30 41.8 +1.9
IPM	Iloh 45.69 258	P	P			11 30 45.0 +2.1
KULM	Kulim 45.76 259	P	P			11 30 46.0 +2.6
ATKA	Atka Island 46.28 245	P	P			11 30 47.4 +0.7
MDSI	Maura Dua 46.68 245	P	P			11 30 54.3 +3.7
PSA00	Piibara Seismi 46.89 214	P	P			11 30 52.4 +0.4
PSA00	Piibara Seismi 46.89 214	I	Amb	I	Amb	11 30 53.4
RPSI	Rantau Prapat 48.29 257	P	P			11 31 04.3 +1.3
RPSI	Rantau Prapat 48.29 257	I	Amb	I	Amb	11 31 05.9
MNSI	Mandailing Nat 48.42 254	P	P			11 31 05.1 +1.1
NIKH	Nikolsk High 49.47 35	P	P			11 31 11.3 -0.1
NIKH	Nikolsk High 49.47 35	P	P			11 31 14.8 +1.0
TPTI	comp=Z,5.2nm,0.9s Stephens Creek 49.71 259	P	P			11 31 14.4 -0.5
STKA	comp=Z,1.9nm,0.6s,baz=20,slow=8.0,SNR=6.6 Stephens Creek 49.80 185	P	P			11 31 14.5 -0.3
STKA	Stephens Creek 49.80 185	P	P			11 31 17.0 +0.6
GSI	Gunungsitoli 50.06 256	P	P			11 31 17.1 +0.6
GSI	Gunungsitoli 50.06 256	P	P			11 31 24.0 +0.3
UNV	Unalaska Valle 51.12 34	P	P			11 31 25.4 +1.7
UNV	Unalaska Valle 51.12 34	P	P			11 31 24.0 +0.3
BBOO	Buckleboob 51.50 190	P	P			11 31 27.0 +0.2
FORT	Forrest 51.52 199	P	P			11 31 27.8 +0.8
AKUT	Akutana 51.63 34	P	P			11 31 28.5 +1.0
FALS	False Pass 53.18 34	P	P			11 31 39.3 +0.4
FALS	False Pass 53.18 34	P	P			11 31 39.2 +0.4
WMQ	Urumqi 54.64 311	ep	P			11 31 52.5 +2.7
SDPT	Sand Point 54.93 34	P	P			11 31 51.1 -0.4
MORW	Morawa 54.98 212	P	P			11 31 52.3 +0.1
CHNA	Chernabura Isl 55.24 35	P	P			11 31 53.5 -2.0
ANM	Nome 56.70 23	P	P			11 32 03.9 0.0
NWAO	Narrogin (SRO) 57.61 208	P	P			11 32 11.2 +0.5
CHIR	Chirikof Islan 57.70 35	P	P			11 32 12.2 +1.2
ZALV	Zalesovo Beam 58.43 323	P	P			11 32 15.6 -0.6
SII	Sitkinan Islan 58.67 34	P	P			11 32 19.1 +1.3
SII	Sitkinan Islan 58.67 34	P	P			11 32 18.5 +0.6
MK31	Makanchi Array 58.81 314	P	P			11 32 19.1 +0.1
MKAR	Makanchi Array 58.81 314	P	P			11 32 18.4 -0.6
MKAR	Makanchi Array 58.81 314	P	P			11 32 18.6 -0.4
MAKZ	Makanchi 58.81 314	P	P			11 32 20.1 -0.4
N19K	Kilae Creek 59.03 29	P	P			11 32 20.4 +0.1
OHAK	Old Harbor 59.32 34	P	P			11 32 23.2 +1.0
OHAK	Old Harbor 59.32 34	I	Amb	I	Amb	11 32 31.9
N19K	Bonanza Creek 59.73 29	P	P			11 32 25.6 +0.5
KDAK	Kodiak Island 59.83 33	P	P			11 32 26.4 +0.8
KDAK	Kodiak Island 59.83 33	I	Amb	I	Amb	11 32 28.8
KDAK	Kodiak Island 59.83 33	P	P			11 32 26.5 +0.8
P19K	Oil Pt 59.99 31	P	P			11 32 26.6 -0.3
L19K	White Mountain 60.00 28	P	P			11 32 27.5 +0.7
M19K	Big River Lodg 60.11 28	P	P			11 32 28.1 +0.5
K20K	Telida 60.72 27	P	P			11 32 32.3 +0.6
TAU	Tasmania Unive 60.78 179	P	P			11 32 32.5 +0.3
TAU	Tasmania Unive 60.78 179	I	Amb	I	Amb	11 32 32.9
CNPM	China Poot 60.94 31	P	P			11 32 33.3 +0.1
CNPM	China Poot 60.94 31	I	Amb	I	Amb	11 32 50.9
J20K	Nowinta River 60.96 26	P	P			11 32 34.2 +0.9
BRLK	Bradley Lake 61.17 31	P	P			11 32 34.7 -0.1
BRLK	Bradley Lake 61.17 31	I	Amb	I	Amb	11 32 54.0
BRSE	Bradley Lake S 61.23 31	P	P			11 32 35.1 -0.1
PPLA	Purkeypille 61.39 27	P	P			11 32 36.6 +0.3
PPLA	Purkeypille 61.39 27	I	Amb	I	Amb	11 32 02.4
PPLA	Purkeypille 61.39 27	P	P			11 32 36.7 +0.3
SKT	Skwentna 61.43 29	P	P			11 32 36.4 0.0
SKT	Skwentna 61.43 29	I	Amb	I	Amb	11 32 37.4
SKT	Skwentna 61.43 29	P	P			11 32 36.0 -0.4
CHUM	Lake Minchumin 61.63 26	P	P			11 32 37.9 +0.2

SUA	Susitna One 61.66 29	P	P			11 32 38.0 -0.1
SUA	Susitna One 61.66 29	I	Amb	I	Amb	11 32 39.7
SUA	comp=Z,7.7nm,0.7s Susitna One 61.66 29	P	P			11 32 38.4 +0.3
IMAR	Indian Mountain 61.72 24	P	P			11 32 39.1 +0.8
O22K	Cooper Landing 61.90 30	P	P			11 32 40.0 +0.4
O22K	Cooper Landing 61.90 30	P	P			11 32 39.5 -0.1
SEW	Seward 61.95 31	P	P			11 32 40.3 +0.4
SEW	Seward 61.95 31	I	Amb	I	Amb	11 32 40.4
SEW	comp=Z,8.7nm,0.8s Seward 61.95 31	P	P			11 32 39.9 0.0
RC01	Rabbit Creek A 62.04 30	P	P			11 32 40.5 0.0
RC01	Rabbit Creek A 62.04 30	I	Amb	I	Amb	11 32 41.1
RC01	comp=Z,1.1nm,0.6s Rabbit Creek A 62.04 30	P	P			11 32 40.1 -0.4
RC01	Rabbit Creek A 62.11 340	P	P			11 32 39.7 -1.1
CUT	Chullina 62.11 28	P	P			11 32 41.0 +0.1
CUT	comp=Z,3.1nm,0.8s,baz=101,slow=5.2,SNR=1.6 Palmer 62.11 28	P	P			11 32 41.0 +0.1
KTH	Kantishna Hill 62.13 27	P	P			11 32 41.2 +0.1
KTH	Kantishna Hill 62.13 27	I	Amb	I	Amb	11 32 43.7
I21K	Tanana 62.16 25	P	P			11 32 41.4 +0.2
BPWA	Bear Paw Mtn. 62.25 26	P	P			11 32 42.5 +0.5
BPWA	Bear Paw Mtn. 62.25 26	I	Amb	I	Amb	11 32 43.2
BPWA	comp=Z,1.1nm,0.7s Bear Paw Mtn. 62.25 26	P	P			11 32 42.1 +0.2
PMR	Palmer 62.44 29	P	P			11 32 43.0 -0.1
PMR	Palmer 62.44 29	I	Amb	I	Amb	11 32 43.5
PMR	comp=Z,6.3nm,0.6s Palmer 62.44 29	P	P			11 32 42.2 -0.9
GHO	Glory Hole Cre 62.58 29	P	P			11 32 43.4 -0.8
GHO	Glory Hole Cre 62.58 29	I	Amb	I	Amb	11 32 44.8
MLY	Manley 62.62 25	P	P			11 32 44.9 +0.5
MLY	Manley 62.62 25	I	Amb	I	Amb	11 32 45.6
MLY	comp=Z,9.2nm,0.6s Manley 62.62 25	P	P			11 32 44.2 -0.2
PWL	Port Wells 62.65 30	P	P			11 32 45.0 +0.4
PWL	Port Wells 62.65 30	I	Amb	I	Amb	11 32 45.6
KNK	Knik Glacier 62.71 30	P	P			11 32 45.1 +0.1
KNK	Knik Glacier 62.71 30	P	P			11 32 44.9 -0.1
A21K	Barrow 62.82 18	P	P			11 32 47.5 +2.0
SML	Sawmill 62.86 29	P	P			11 32 46.2 +0.2
SML	Sawmill 62.86 29	P	P			11 32 45.8 -0.2
BWN	Browne 62.91 26	P	P			11 32 46.0 +2.7
WAT1	Susitna Watana 62.99 28	P	P			11 32 46.2 -0.6
RND	Reindeer 62.99 27	P	P			11 32 46.4 -0.5
RND	Reindeer 62.99 27	I	Amb	I	Amb	11 32 47.7
KSH	Kashi 63.16 306	P	P			11 32 52.8 +4.3
KSH	Kashi 63.16 306	pp	pp			11 32 45.6 +2.0
NEA2	Nenana 63.19 26	P	P			11 32 47.8 -0.2
NEA2	Nenana 63.19 26	I	Amb	I	Amb	11 32 52.5
NEA2	comp=Z,9.3nm,1.3s Nenana 63.19 26	P	P			11 32 47.9 -0.2
I23K	Minto, Yukon-K 63.21 25	P	P			11 32 48.8 +0.6
I23K	Minto, Yukon-K 63.21 25	I	Amb	I	Amb	11 32 50.1
I23K	comp=Z,7.3nm,0.7s Minto, Yukon-K 63.21 25	P	P			11 32 48.5 +0.4
GLI	Glacier Island 63.25 30	P	P			11 32 48.6 0.0
GLI	Glacier Island 63.25 30	I	Amb	I	Amb	11 32 51.0
GLI	comp=Z,1.8nm,1.1s Glacier Island 63.25 30	P	P			11 32 48.6 0.0
WAT6	Susitna Watana 63.30 28	P	P			11 32 48.6 -0.5
H23K	Yukon River 63.32 25	P	P			11 32 49.2 +0.2
SCM	Sheep Creek Mo 63.33 29	P	P			11 32 50.0 +0.8
SCM	Sheep Creek Mo 63.33 29	I	Amb	I	Amb	11 32 50.4
COLD	Coldfoot 63.46 23	P	P			11 32 50.6 +0.7
COLD	Coldfoot 63.46 23	I	Amb	I	Amb	11 32 51.9
COLD	comp=Z,1.3nm,1.3s Coldfoot 63.46 23	P	P			11 32 50.7 +0.9
FID	Port Fidalgo 63.52 31	P	P			11 32 50.8 +0.4
FID	Port Fidalgo 63.52 31	I	Amb	I	Amb	11 32 51.4
WRH	Wood River Hill 63.57 26	P	P			11 32 50.2 -0.4
WRH	Wood River Hill 63.57 26	I	Amb	I	Amb	11 32 50.7
MDM	Murphy Dome 63.63 26	P	P			11 32 51.1 +0.1
MDM	Murphy Dome 63.63 26	I	Amb	I	Amb	11 32 52.7
CCB	Clear Creek Bu 63.73 26	P	P			11 32 51.0 -0.5
CCB	Clear Creek Bu 63.73 26	I	Amb	I	Amb	11 32 52.9
CCB	comp=Z,6.9nm,1.4s CIGO, UAF Yank 63.76 26	P	P			11 32

25d 12h

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like SANI, PSAO, SBA, VVDA, etc.

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Table with columns for station name, elevation, frequency, and other technical details. Includes stations like O20K, BRLL, BRSE, N19K, etc.

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Table with columns for station name, elevation, frequency, and other technical details. Includes stations like COYC, TX31, TX32, TXAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Eagle Plains, Inuvik, Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Torodi Ar. Bea, Blackwell, South Haven SW, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mori, Morici, IDC 25, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRI Vrincoia, BISR Bisoca, X16A Lo Mia Camp, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MAKZ Makanchi, MKAZ Makanchi, MKAR Makanchi, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like T45B Paducah, T45B Paducah, T45B Paducah, etc.

V51A	Loudon	4.34	87	Pn	13 27 20.7 +0.6
V51A	comp-Z,174nm,0.8s			Iamb_Lg	13 28 40.0
V51A	comp-Z,161nm,0.8s	4.34	87	P	13 27 22.3 +2.1
V51A	Loudon	4.34	87	P	13 27 22.3
V51A	Franklin	4.40	121	Pn	13 27 21.4 +0.4
Z51A	Franklin	4.40	121	P	13 27 21.4 +1.4
Z51A	Franklin	4.40	121	P	13 27 22.4
P46A	Rosedale	4.40	26	Pn	13 27 20.5 -0.5
P46A	comp-Z,182nm,0.9s			Iamb_Lg	13 28 40.0
R49A	Shelbyville	4.46	53	Pn	13 27 21.6 -0.2
GRBT	Greenback	4.47	88	Pn	13 27 22.4 +2.3
O44A	Mansfield	4.58	12	Pn	13 27 23.4 0.0
O44A	comp-Z,173nm,0.7s			Iamb_Lg	13 28 40.3
CCRT	Cow Camps Rge	4.59	91	Pn	13 27 25.7 +2.0
Z50A	Grady	4.65	141	Pn	13 27 24.7 +0.3
Z50A	comp-Z,190nm,0.8s			Iamb_Lg	13 28 48.7
CPRT	Copper Ridge	4.73	82	Pn	13 27 23.8 +2.5
W52A	Murphy	4.74	95	Pn	13 27 26.1 +0.5
W52A	Murphy	4.74	95	P	13 27 27.6 +2.0
W52A	Murphy	4.74	95	P	13 27 27.6
X37A	Clayton	4.79	259	Pn	13 27 26.6 +0.3
X37A	comp-Z,102nm,0.8s			Iamb_Lg	13 28 47.7
TKL	Tuckaleechee C	4.81	88	Pn	13 27 28.5 +1.9
TKL	comp-Z,6.1nm,0.3s,baz=272,slow=10,SNR=97			Pg	13 27 39.5 +0.7
TKL	comp-Z,7.3nm,0.3s,baz=274,slow=10,SNR=15			Sn	13 28 23.6 +1.7
TKL	comp-Z,11nm,0.3s,baz=295,slow=9.7,SNR=7.4			Lg	13 28 43.0
TKL	Tuckaleechee C	4.81	88	Pn	13 27 28.1 +1.5
TKL	comp-Z,156nm,0.8s			Iamb_Lg	13 28 49.9
TKL	Tuckaleechee C	4.81	88	Pn	13 27 28.7 +2.0
TKL	Tuckaleechee C	4.81	88	P	13 27 28.7
HDIL	Hopedale	4.89	3	Pn	13 27 28.2 +0.6
V52A	Sevierville	4.95	86	Pn	13 27 29.4 +0.8
V52A	comp-Z,156nm,0.8s			Iamb_Lg	13 28 58.9
V52A	Sevierville	4.95	86	P	13 27 30.6 +2.1
V52A	Sevierville	4.95	86	P	13 27 30.6
Y52A	Lilburn	4.96	110	Pn	13 27 29.2 +0.4
Y52A	comp-Z,175nm,0.9s			Iamb_Lg	13 28 48.3
P38A	Dawn	4.99	323	Pn	13 27 29.4 +0.3
P38A	comp-Z,136nm,0.8s			Iamb_Lg	13 28 57.1
P38A	Dawn	4.99	323	P	13 27 29.8 +0.8
P38A	Dawn	4.99	323	P	13 27 29.8
BRAL	Brewton	5.00	153	Pn	13 27 29.7 +0.5
BRAL	comp-Z,99nm,0.9s			Iamb_Lg	13 29 02.7
WSNC	Winespring Bl	5.01	94	Pn	13 27 31.3 +1.8
R50A	Paris	5.02	57	Pn	13 27 29.7 +0.3
TZTN	Tazewell	5.04	78	Pn	13 27 30.9 +1.1
TZTN	comp-Z,136nm,0.8s			Iamb_Lg	13 29 02.8
TZTN	Tazewell	5.04	78	P	13 27 32.1 +2.3
TZTN	Tazewell	5.04	78	P	13 27 32.1
P48A	Milroy	5.07	41	Pn	13 27 29.1 -1.1
ASTN	Avondale Sprin	5.08	81	Pn	13 27 32.7 +2.4
152A	Waverly Hall	5.09	125	Pn	13 27 30.7 +0.2
152A	comp-Z,158nm,0.7s			Iamb_Lg	13 28 56.4
N41A	Harden Midland	5.11	350	Pn	13 27 30.7 0.0
N41A	comp-Z,150nm,0.8s			Iamb_Lg	13 29 01.1
SF1N	Lafayette	5.12	23	Pn	13 27 30.5 -0.4
S51A	Beattyville	5.28	66	Pn	13 27 32.4 -0.6
S51A	comp-Z,130nm,0.8s			Iamb_Lg	13 29 07.8
S51A	Beattyville	5.28	66	P	13 27 34.5 +1.5
S51A	Beattyville	5.28	66	P	13 27 34.5
S51A	Beattyville	5.28	66	P	13 27 34.5
P49A	Miami Univ. Ec	5.51	44	Pn	13 27 36.3 0.0
P49A	comp-Z,100nm,0.7s			Iamb_Lg	13 29 10.1
V53A	Saluda	5.59	88	Pn	13 27 38.6 +1.1
V53A	comp-Z,150nm,0.7s			Iamb_Lg	13 29 15.5
V53A	Saluda	5.59	88	P	13 27 39.1 +1.7
V53A	Saluda	5.59	88	P	13 27 39.1
V53A	Saluda	5.59	88	P	13 27 39.1
GOGA	Godfrey	5.60	112	Pn	13 27 38.2 +0.8
GOGA	comp-Z,105nm,0.8s			Iamb_Lg	13 29 14.3
T35A	Sooner Cattle	5.65	285	Pn	13 27 37.0 -1.3
LRVA	Lonesome Ridge	5.69	77	Pn	13 27 37.7 +5.0
QUOK	Quoy	5.72	277	Pn	13 27 39.3 +0.1
QUOK	comp-Z,108nm,0.7s			Iamb_Lg	13 29 20.0
352A	Blakely	5.76	135	Pn	13 27 40.7 +1.0
352A	comp-Z,115nm,0.8s			Iamb_Lg	13 29 22.4
OK031	S. Brethren Rd	5.82	275	Pn	13 27 40.5 -0.1
OK031	comp-Z,138nm,0.7s			Iamb_Lg	13 29 28.9
N38A	Joe South For	5.83	332	Pn	13 27 40.7 +0.1
M44A	Midewin, Midew	5.85	12	Pn	13 27 40.6 -0.3
M44A	comp-Z,113nm,0.8s			Iamb_Lg	13 29 26.4
Q51A	Peebles	6.06	55	Pn	13 27 43.9 +0.2
Q51A	comp-Z,92nm,0.8s			Iamb_Lg	13 29 41.7
N47A	Urbana	6.07	30	Iamb_Lg	13 29 31.5
O48A	Covington	6.18	42	Pn	13 27 44.8 -0.6
BLOK	Blackwell	6.19	282	Iamb_Lg	13 29 40.2
154A	Montrose	6.25	117	Iamb_Lg	13 29 41.1
HODGE	Hodges	6.26	101	Pn	13 27 47.0 +0.5
HODGE	comp-Z,80nm,0.8s			Iamb_Lg	13 29 30.9
HQIL	Hanson Quary C	6.29	13	Iamb_Lg	13 29 35.3
FNO	Franklin	6.31	268	Iamb_Lg	13 29 44.6
L42A	Oliver, Polo	6.32	0	Pn	13 27 47.7 +0.3
OKCFA	Oklahoma City	6.34	270	Iamb_Lg	13 29 49.7
LOOK	Love County	6.39	257	Pn	13 27 48.7 +0.4
U54A	Nelsons Funny	6.42	80	Pn	13 27 48.4 -0.4
U54A	Nelsons Funny	6.42	80	Pn	13 27 49.5 +0.7
U54A	Nelsons Funny	6.42	80	P	13 27 49.5
U54A	Nelsons Funny	6.42	80	P	13 27 49.5
P51A	Williamsport	6.49	52	Iamb_Lg	13 29 47.0
KSU1	Kansas State U	6.49	304	P	13 27 50.0 +0.3
KSU1	Kansas State U	6.49	304	P	13 27 50.2 +0.5
KSU1	Kansas State U	6.49	304	P	13 27 50.2
PAULI	Pauline	6.49	95	Pn	13 27 50.7 +0.9
PAULI	comp-Z,112nm,0.7s			Iamb_Lg	13 29 39.0
L40A	Anamosa	6.50	350	Pn	13 27 50.1 +0.4

TIGA	Trifon	6.61	128	Iamb_Lg	13 29 48.6
KAN17	Caldwell West	6.66	284	Pn	13 27 52.4 +0.3
GC02	Grant County #	6.71	283	Pn	13 27 53.5 +0.8
R53A	Hurricane	6.73	63	Pn	13 27 53.8 +0.8
R53A	comp-Z,93nm,0.8s			Iamb_Lg	13 29 55.3
Q52A	Bidwell	6.76	59	Pn	13 27 53.9 +0.5
Q52A	comp-Z,74nm,0.9s			Iamb_Lg	13 29 55.8
CROK	Carrier	6.77	279	Pn	13 27 54.9 +1.3
N49A	Columbus Grove	6.79	38	Pn	13 27 54.9 +1.1
N49A	comp-Z,61nm,0.8s			Iamb_Lg	13 29 58.0
KAN14	Manchester OK	6.81	283	Pn	13 27 54.5 +0.5
KAN14	comp-Z,70nm,0.7s			Iamb_Lg	13 29 58.5
KMCS	Kings Mountain	6.84	92	Pn	13 27 55.0 +0.5
KMCS	comp-Z,112nm,0.9s			Iamb_Lg	13 29 53.5
V55A	Taylorville	6.89	86	Pn	13 27 57.7 +0.5
V55A	comp-Z,82nm,0.8s			Iamb_Lg	13 29 58.4
KAN10	Alum Creek Sta	6.94	285	Iamb_Lg	13 29 59.8
ACSO	Anthony SW Sta	6.98	47	Pn	13 27 56.2 -0.2
ACSO	comp-Z,79nm,1.0s			Iamb_Lg	13 30 02.9
N35A	Tabor	6.99	320	Pn	13 27 56.1 -0.4
S53A	Crawfordville	7.03	140	Pn	13 27 55.9 -0.2
S54A	Dingess, Beckl	7.05	70	Pn	13 27 57.9 +0.5
S54A	comp-Z,68nm,0.8s			Iamb_Lg	13 29 59.1
JSC	Jenkinsville	7.05	99	Pn	13 27 57.4 +0.1
JSC	comp-Z,84nm,0.8s			Iamb_Lg	13 30 03.2
Z55A	Hazelhurst	7.07	120	Iamb_Lg	13 30 03.8
P52A	Corning	7.18	54	Pn	13 27 59.4 +0.2
JFWS	Jewell Farm	7.25	357	Pn	13 28 00.3 +0.3
JFWS	comp-Z,78nm,0.7s			Iamb_Lg	13 30 05.5
K38A	Parkersburg	7.37	342	Pn	13 28 02.4 +0.7
K38A	comp-Z,81nm,0.8s			Iamb_Lg	13 30 14.4
WHTX	Lake Whitney,	7.43	243	Pn	13 28 03.2 +0.6
L48A	N Adams	7.48	32	Pn	13 28 05.0 +1.7
WMOK	Wichita Mounta	7.51	266	Pn	13 28 04.5 +0.8
U56A	King	7.57	82	Pn	13 28 05.0 +0.5
U56A	comp-Z,67nm,0.8s			Iamb_Lg	13 30 25.6
P53A	Whipple	7.61	57	Pn	13 28 05.3 +0.3
BIRD	Birdont, Kers	7.62	95	Pn	13 28 05.0 -0.2
BIRD	comp-Z,105nm,0.8s			Iamb_Lg	13 30 18.2
O52A	Adamsville	7.63	52	Pn	13 28 06.2 +0.9
O52A	comp-Z,57nm,0.8s			Iamb_Lg	13 30 22.6
N51A	Ashland	7.77	45	Iamb_Lg	13 30 23.6
O54A	Coxs Mills	7.79	62	Pn	13 28 07.6 +0.1
O54A	comp-Z,51nm,0.7s			Iamb_Lg	13 30 40.8
W57A	Gilead	7.93	91	Pn	13 28 09.8 +0.4
W57A	comp-Z,60nm,0.7s			Iamb_Lg	13 30 35.6
N33B	J Bar K, Exete	7.93	312	P	13 28 10.4 +0.9
N33B	baz=127,SNR=6.1			P	13 28 10.4
N33B	J Bar K, Exete	7.94	312	Pn	13 28 10.0 +0.5
N33A	J Bar K, Exete	7.94	312	Pn	13 30 49.0
R55A	Marlinton	8.09	68	Pn	13 28 10.0 -1.6
R55A	comp-Z,61nm,1.0s			Iamb_Lg	13 30 48.2
R55A	Marlinton	8.09	68	P	13 28 12.0 +0.4
R55A	Marlinton	8.09	68	P	13 28 12.0
R55A	Marlinton	8.09	68	P	13 28 12.0
456A	Hilliars,SNR=12	8.09	125	Iamb_Lg	13 30 41.4
AAM	Ann Arbor	8.11	33	Iamb_Lg	13 30 30.4
L34A	Svensen Farm,	8.17	322	Pn	13 28 12.5 -0.3
I40A	Norwalk	8.24	355	Iamb_Lg	13 30 48.9
J47A	Summer	8.44	25	Pn	13 28 16.6 +0.2
T57A	Hurt	8.52	78	Pn	13 28 17.9 +0.3
T57A	comp-Z,58nm,1.1s			Iamb_Lg	13 30 48.1
X58A	Rowland	8.58	94	Pn	13 28 17.8 -0.1
V58A	Windy Hill, Pi	8.60	86	Pn	13 28 18.7 +0.2
V58A	comp-Z,90nm,1.2s			Iamb_Lg	13 30 51.6
CBKS	Cedar Bluff	8.61	294	Pn	13 28 18.7 -0.1
CBKS	comp-Z,48nm,0.9s			Iamb_Lg	13 31 05.5
O54A	Avella	8.62	56	Pn	13 28 20.3 +1.4
O54A	comp-Z,44nm,0.7s			Iamb_Lg	13 30 56.0
N53A	Lisbon	8.64	51	Pn	13 28 19.7 +0.5
N53A	comp-Z,49nm,0.8s			Iamb_Lg	13 31 03.0
656A	Willist	8.71	134	Iamb_Lg	13 31 0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IPOC Station P, Sierra Bellavii, and La Paz.

TUL 25 15:26:28.1-0.8, 361.85N, 0.0198224W, 0.04, h4km, 2km, ML2.6, mb, Lg2.4/22(NEIC), Error ellipse: s-maj=4.5km s-min=1.7km az=96.0

NEIC 25 15:26:28.3-0.7, 36.84N, 0.0198222W, 0.02, h6km, 5km, Error ellipse: s-maj=2.5km s-min=1.4km az=130.0, Oklahoma

Main table for Oklahoma stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Salt Plains WL, Manchester OK, and various other locations.

NOU 25 15:33:35.4, 22.44S, 170.95E, h0km, ML3.9/7, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table for Southeast of Loyalty Islands stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mare, Loyalty, Pines Island, etc.

JMA 25 15:38:27.6, 23.94N, 121.80E, h53km, 1km, M2.7 TAP 25 15:38:28.4, 24.00N, 121.84E, h49km, ML3.6, B, ISC 25 15:38:28.7, 1.2, 24.00N, 0.02, 121.84E, 0.02, h45km, 5km, n132, s106/210, 11C-22D, Taiwan

Main table for Taiwan stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hualien, Chiawan, and various other locations.

Main table for 2015 AUG stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hehuan Shan, Fushou, Suao, and many others.

Main table for 25d 15h stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Zhongli, National Taiwan, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WWF Wufeng, TWF1 Yuli, WJWS Zhushan, etc.

Table with columns: SHK1, IGAR, IPIR, UMR, QRN, KBD, RDF, IZEF, NASN, IMEH, IKLH, RST, YZKH, YZKH, KHMZ, KHMZ, ANAR, IBAF, ISFB, KHGB, KRBR, KRBR, KRBR, TVBVK, NVRM, TPRV, DAMV, DAMV, TKDS, TABS, TABS, KBAM, BSRN, BSRN, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHK1, IGAR, IPIR, UMR, QRN, KBD, RDF, IZEF, NASN, IMEH, IKLH, RST, YZKH, YZKH, KHMZ, KHMZ, ANAR, IBAF, ISFB, KHGB, KRBR, KRBR, KRBR, TVBVK, NVRM, TPRV, DAMV, DAMV, TKDS, TABS, TABS, KBAM, BSRN, BSRN, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns: VRF, Vario, VRF, OLKF, OLKF, KEV, KEV, KEV, KEV, HUSU, HUSU, VAF, HEMU, FINES, FINES, FINES, NOA, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VRF, Vario, VRF, OLKF, OLKF, KEV, KEV, KEV, KEV, HUSU, HUSU, VAF, HEMU, FINES, FINES, FINES, NOA, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

THR 25 16:36:45.5-0.3, 29.88N-51.14E, h14km, gm, ML3.2
KISR 25 16:36:46.0-0.8, 29.85N-50.95E, h33km, 364km, ML4.0
TEH 25 16:36:46.3, 29.83N-51.13E, h14km, ML3.2
ISC 25 16:36:46.1-1.1, 29.81N-50.65E, h10km, n41, s=070/44, Southern Iran

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRI, PLOK, PDGK, OBK, OBNS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KOLS, NACAM, CRVS, KLMR, ZSN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NC405, NB201, NB2, NOA, NBOU, etc.

25d 17h

M51 3.6/15, ms1mx3.4/36, Error ellipse: s-maj=19.2km s-min=13.6km az=98.0
NEIC 25 17:40:36.0, 2.5, 16: 83S:0'08.35:52E:0'08, h10km, 1km, mb4.7/20, Error ellipse: s-maj=13.5km s-min=12.4km az=308.0

PRE 25 17:40:38.9, 2.2, 16: 96S:34'47E, h5km, ML4.5
ISC 25 17:40:34.6, 0.4, 16: 89S:0'04:35:24E:0'05, h10km, n157, c272/167, mb4.3/36, MS3.6/8, Malawi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Chileka, Zomba, MBamba Bay, etc.

2015 AUG

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like BOSA Boshof, KMBOS, KMBOS, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like UOSS Minazi, WSAR Wadi Sarin, WSAR, ABKAR Akbulak array, AKTO Aktyubinsk, etc.

KRSC 25 18:11:31.7±2.5, 48°15'N 156°37'E, h17km, 40km, ML4.1, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like SKR Severo-Kuril's, SKR, ALID Alaid, PAU Puzhetka, etc.

NEIC 25 18:24:20.2±2.2, 16.7°S, 0.1°W, 174.18W, 0.06, h142km, 9km, LZH±201.0

ISC 25 18:24:27.4±4.7, 16.6°S, 174.42W, h209km, 38km, mb3.3/6, mb1.3/6.7, mb1mx3.3/15, mbtmpt3.9/4.5, 0.0, s-maj=76.4km s-min=21.0km az=145.0

ISC 25 18:24:26.3±0.9, 16.7°S, 0.1°W, 174.5W, 0.1, h200km, n18, c075/18, mb3.6/10, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like NIUE Niue, MSVF Novsavu, MSVF, KNTN Kanton, etc.

BJJ 25 18:44:50.6±0.0, 6.43S, 146.18E, h120km, mb5.2/11, mb4.7/17

ISC 25 18:44:52.3±2.5, 81S, 146.27E, h97km, 30km, mb3.9/12, mb1.4/1.5, mb1mx4.0/29, mbtmpt4.3/15, MS3.7/1, Ms1.3/7.1, ms1mx2.6/31, Error ellipse: s-maj=20.1km s-min=13.9km az=85.0

NEIC 25 18:44:55.2±1.6, 5.83S, 0.07W, 146.05E, 0.08, h113km, 7km, mb4.7/35, Error ellipse: s-maj=11.2km s-min=9.7km az=79.0

DJA 25 18:44:56.5±0.4, 6°S, 3°E, h116km, 5km, M4, 8/23, mb5.2/8, mb4.8/23, MLV5.0/5, Mv(m)4.6/8

ISC 25 18:44:53.6±0.4, 5.90S, 0.05E, 146.08E, 0.06, h100km, n101, c159/104, mb4.7/45, 1, Eastern New Guinea region

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like MANU Manus Island, RABU Rabaul, JAY Jayapura, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like LZH Lanzhou, PEAOB Petropavlovsk, PETK Petropavlovsk, etc.

ISC 25 18:51:58.8±1.1, 56°N, 183°E, 143.58W, h0km, mb3.9/4, mb1.4/1.4, mb1mx3.8/32, mbtmpt3.9/4, MS3.5/4, Ms1.3/5.4, ms1mx3.3/18, Error ellipse: s-maj=125.0km s-min=29.8km az=0.0

NEIC 25 18:52:01.3±1.8, 55.9S, 0.3E, 143.5W, 0.3, h15km, 5km, mb4.8/6, Error ellipse: s-maj=43.4km s-min=7.5km az=20.0

ISC 25 18:52:00.7±1.1, 55.7S, 0.3E, 143.4W, 0.2, h10km, n42, c1839/15, mb4.6/6, MS3.6/6, 1D, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like VNDA Vanda, MXZ Matkaca Point, URZ Urewera, etc.

ISC 25 18:58:18.2±0.9, 32.72N, 47.62E, h20km, 6km, ML2.6, THR 25 18:58:18.7±0.6, 32.86N, 47.58E, h14km, 6km, ML3.0

KISR 25 18:58:21.8±0.3, 29.89N, 50.11E, h0km, 299km, ISC 25 18:58:18.0±1.0, 32.72N, 47.62E, 0.04, h15km, n10, c1841/6, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like IBDR Badra, NSR Nassriya, KHMZ Khomayn, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like CM01 Chiang Mai Arr, CM05 Chiang Mai Arr, CM02 Chiang Mai Arr, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like VILC Puerto Gaitan, PTGC Puerto Gaitan, PTGC Puerto Gaitan, etc.

ISK 25 19:24:05.6, 35:10N-27:44E, h8km, ML2.7/9
ATH 25 19:24:06.4, 35:13N-27:44E, h8km, 4km, ML2.5/3, Error
ellipse: s-maj=6.3km s-min=1.4km az=307.0

DDA 25 19:24:06.1, 35:15N-27:32E, h0km, 3km, ML2.3
THE 25 19:24:06.5, 35:17N-27:42E, h0km, 1km, ML2.5/2, Error
ellipse: s-maj=3.0km s-min=0.9km az=115.0

ISC 25 19:24:06.3, 1.5, 35:15N-0.06-27.46E:0.04, h10km, 10km,
n32, r18/49, Dodecanese Islands
Code Station Name Az Az' Op Phase ID Time Res ISC

25d 2h5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC Barichara, PAMC Pamplona, BRRC Barranca, RUSC La Rusia, TAMC Tame, PTBC PUERTO BERRIO, OCAC Ocana, SPBC San Pablo de B, ZARC Zaragoza, SMLC San Martin, NORC Norcasia, CHIC Chingaza, ROSC El Rosal, UREC San Jos de Ur, LL2C La Loma 2, GUY2C Guyana, VILC Villavicencio, PTGC Puerto Gaitan, CBOC Ciudad Bolivar, DBBC Dabeiba, TOLC Tolima, SDV Santo Domingo, ELOV Elorza, ORTC Ortega, LCBC Los Crobos, CRJC Cerrejon, YOTC Yotoco, SMRC Santa Marta, PTAC Punta Arditia, ASAR Alice Springs, WRA Warramunga Arr.

IDC 25 20:51:28.0-4.7, 6.50S-129.66E, h0km, mb4.3/1, mb1 3.9/4, mb1mx3.5/31, mb1mp3.8/4, ML3.7/3, Error ellipse: s-maj=165.4km s-min=29.7km az=92.0, Banda Sea
Code Station Name Az Phase ID Time Res
SIJI Sorong 5.82 16 Pn Pn 20 52 55.1 -0.5
WRA Warramunga Arr 14.12 162 Pn Pn 20 54 47.2 -2.2
ASAR Alice Springs 149.15 234 PKPbc PKPdf 21 02 28.6 +1.2
STKA Stephens Creek 27.61 158 P P 20 57 18.1 +0.9

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSA Lhasa, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Kuratov Arr, MKAR Makanchi Array, MAKZ Makanchi, TARG Taragay, SONG Singoing Array, SONM Ala-Archa, SONM Singoing Array, ENH Enshi, AAK Ala-Archa, AAK Kuratov Arr, KURK Kuratov, ZALV Zalesovo Beam, ZALV Niire, GAR Garm, KK31 Karatay Array, KKAR Karatay Array, CHGR Chuyangaron, CMAR Chiang Mai Arr, KBL Kabul, BVAR Borovoye Array, BRVK Borovoye, ABKAR Akbulak array, ARU Arti, FINES FINESS Array B, ARCES ARCESS Array B, NOA NORSAR Array B, GERS GERESS Array B, ILAR Eielson Array, ILAR Eielson Array, SSKT Skwentna, SWSA Susitna One, WRA Warramunga Arr, WRA Warramunga Arr, KDKA Kodiak Island, KDKA Kodiak Island, BCAR Beaver Creek A, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ESDC Sonseca Array, ESDC Sonseca Array.

KMA 25 21:21:03.9-0.5, 33.27N x 127.04E, h19km, E, South ellipse: s-maj=5.1km s-min=2.0km az=167.0, South Korea
Code Station Name Az Phase ID Time Res
KSSSP Seongsang 0.11 313 P P 21 21 08.6 -0.1
KSJUU Jeju 0.44 292 P P 21 21 13.1 0.0
KSJUU Jeju 0.44 292 P S 21 21 13.1 0.0
KSSGP Seogwipo 0.45 269 P P 21 21 13.2 0.0
HALB Hallimjungang-SNR=17 0.65 282 P P 21 21 16.5 -0.1
HALB Hallimjungang-SNR=17 0.65 282 P S 21 21 16.5 -0.1
KSHAN Haenam 1.36 344 P S 21 21 25.9 +0.4
KOHB KOHEUNG 1.36 8 P P 21 21 27.7 -0.1
BOSS Boseong-gun 1.50 6 P P 21 21 30.1 +0.4
BOSS Boseong-gun 1.50 6 P P 21 21 30.1 +0.3
FUNUV 25 21:24:07.8, 10.66N-60.51W, h19km, MW4.2
TRN 25 21:24:07.9, 10.98N-60.47W, h54km, MD4.0
ISC 25 21:24:08.1, 6.10, 80N x 0.04, 60.42W, h86km, n52, e220/67, 3C, Trinidad
Code Station Name Az Phase ID Time Res
BOT Bacolet 0.47 321 P P 21 24 19.2 +0.3
BOT Bacolet 0.47 321 P P 21 24 22.4 +3.5
TOSP Speyside 0.51 347 P P 21 24 18.4 -0.8
TOSP TOSP 0.53 318 P S 21 24 26.2 -3.7
TPR Prospect 0.53 318 P S 21 24 27.1 -3.1
TBH Brigand Hill 0.71 244 P P 21 24 27.0 +3.0
TBH Brigand Hill 0.71 244 P S 21 24 27.6 +6.7
TBH 0.98 261 P P 21 24 25.2 +1.2
TRN Trinidad (W) 0.98 261 P P 21 24 22.5 +1.9
TRN 1.12 245 P P 21 24 40.2 +1.9
TPP Pointe-a-Pierre 1.12 245 P P 21 24 28.9 +3.3
GRFF Grenada F 1.12 314 P P 21 24 35.9 +1.6
GRFF 1.80 318 P P 21 24 34.9 +0.1
GRFF Grenville 1.80 318 P P 21 24 35.9 +0.2
GRFF 1.86 320 P P 21 24 38.2 +3.2
GRHS Sauteres 1.86 320 P P 21 24 48.1 +1.3
GRHS 1.90 322 P P 21 24 57.8 -0.2
GRHS 1.90 322 P S 21 24 38.4 +2.8
GCMP Grenada, Carri 1.93 330 P P 21 24 36.8 +0.5
GCMP 2.15 381 P P 21 25 08.1 -2.0
SVOC Richmond Hill, 2.47 342 P P 21 25 11.4 -1.1
SVB Belmont 2.59 342 P P 21 24 46.8 +2.0
SVB Belmont 2.59 342 P P 21 24 53.2 +8.3
SVB Belmont 2.59 342 P S 21 24 56.6 +1.2
SVB 2.63 343 P P 21 24 47.5 +2.2
SVV Soufriere Volc 2.63 343 P P 21 24 57.0 -1.2
SVV 2.63 343 P S 21 25 15.3 -1.0
SSV Crater Summit 2.63 343 P P 21 24 47.0 +1.6
SSV 2.77 268 P P 21 24 48.7 +1.5

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRUV Moule a Chique, MCLT Moule a Chique, MCLT Rio Grande, RICOV Rio Grande, SLB Belfond, SLB Belfond, SLBI Saint Lucia, B, SLBI Saint Lucia, B, MPOM Morne Pois Mar, MPOM Morne Pois Mar, BIMM Morne La Pitte, BIMM Morne La Pitte, BMM Montagne Vauci, BMM Montagne Vauci, TRMF Trois Ilets, TRMF Trois Ilets, LPMF Morne L'appointe, LPMF Morne L'appointe, ZAMZ Aeronautique, ZAMZ Aeronautique, FDF Fort de France, FDF Fort de France, FDF Fort de France, FDF Fort de France, ILAM Ilet Lapin Mar, ILAM Ilet Lapin Mar, PML Morne Lenard, PML Morne Lenard, CXM Morne La Croix, CXM Morne La Croix, BFM Morne Balai, BFM Morne Balai, PCM Pelee Case Pet, PCM Pelee Case Pet, PCRV Puerto La Cruz, PCRV Puerto La Cruz, DSQL Salisbury, DSQL Salisbury, DBA Terre de Bas, DBA Terre de Bas, MAGL Barre de l'ile, MAGL Barre de l'ile, BIRWG Birong, BIRWG Birong, BIRV BIRV, MERV Las Mercedes, MERV Las Mercedes, MERV Las Mercedes, ANBD Bethesda, Anti, ANBD Bethesda, Anti, ANBD Bethesda, Anti, BPA Boggy Peak, BPA Boggy Peak, BPA Boggy Peak, CACV CAICARA DEL OR, CACV CAICARA DEL OR, BAUV El Baul, BAUV El Baul, BAUV El Baul.

IDC 25 21:36:25.9-0.9, 37.55N x 94.17E, h0km, mb3.7/7, mb1 3.9/11, mb1mx3.6/47, mb1mp3.8/11, ML3.5/4, MS2.4/2, MS1 3.0/4, ms1mx2.3/41, Error ellipse: s-maj=55.8km s-min=16.7km az=34.1

ISC 25 21:36:31.1-1.0, 37.77N-0.1, 94.0E-0.1, h35km, n12, e181/12, mb3.8/7, Qinghai

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, SONM Singoing Array, SONM Singoing Array, SONM Singoing Array, KURB Kuratov Arr, KURB Kuratov Arr, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, BVAR Borovoye Array, FINES FINESS Array B, ARCES ARCESS Array B, NOA NORSAR Array B, GERS GERESS Array B, ILAR Eielson Array, ILAR Eielson Array, SSKT Skwentna, SWSA Susitna One, WRA Warramunga Arr, WRA Warramunga Arr, KDKA Kodiak Island, KDKA Kodiak Island, BCAR Beaver Creek A, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ESDC Sonseca Array, ESDC Sonseca Array.

TUL 25 22:04:31.7-1.0, 36.276N x 0.010-97.26W, h0.01, h8km, 7km, ML2.5, mb, Lg2.740(NEIC), Error ellipse: s-maj=1.8km s-min=1.2km az=123.0
NEIC 25 22:04:31.7-1.0, 36.276N x 0.010-97.275W, h0.009, h8km, 2km, Error ellipse: s-maj=3.0km s-min=2.3km az=101.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QUOK Quay, QUOK Quay, OK031 S. Brethren Rd, OK031 S. Brethren Rd, BLOK Blackwell, BLOK Blackwell, OK029 Liberty Lake, OK029 Liberty Lake, CROK Carrier, CROK Carrier, OK005 Luther M Schoo, OK005 Luther M Schoo, OK009 Westminster Rd, OK009 Westminster Rd, OK009 Oakdale Elemen, OK009 Oakdale Elemen, GC02 Grant County #, GC02 Grant County #, GC02 Grant County #, KAN13 South Haven SW, KAN13 South Haven SW, KAN17 Caldwell West, KAN17 Caldwell West, OKCFA Oklahoma City, OKCFA Oklahoma City, okcsw OKLAHOMA CITY, okcsw OKLAHOMA CITY, KAN14 Manchester OK, KAN14 Manchester OK, T3SA Sooner Cattle, T3SA Sooner Cattle, OK032 Salt Plains WL, OK032 Salt Plains WL, KAN05 Bartles City AR, KAN05 Bartles City AR, KS20 Mayfield South, KS20 Mayfield South, FNO Franklin, FNO Franklin, FNO Franklin, FNO Franklin, WMOK Wichita Mountain, WMOK Wichita Mountain, LOOK Love County, LOOK Love County, X37A Clayton, X37A Clayton, U38A Gravette, U38A Gravette, R32A Long Quarter, R32A Long Quarter, HHAR Hobbs, HHAR Hobbs, W39A Magazine, W39A Magazine, CBKS Cedar Bluff, CBKS Cedar Bluff, S39A Bolivar, S39A Bolivar, Z38A Mt. Pleasant, Z38A Mt. Pleasant, U40A Yellville, U40A Yellville, U40A Yellville, AMTX Amarillo, AMTX Amarillo, X40A Basin Creek, X40A Basin Creek, X40A Basin Creek, MGMO Mountain Grove, MGMO Mountain Grove, FCAR Ozark Folk Cen, FCAR Ozark Folk Cen, WLAR White Oak Lake, WLAR White Oak Lake, P38A Dawn, P38A Dawn, R40A Maddies Station, R40A Maddies Station, LCAR Lake Charles, LCAR Lake Charles, T42A Van Buren, T42A Van Buren, KSCO Kaye Shedlock, KSCO Kaye Shedlock.

257.18580°, 2-90.08942°. NP2:047.49652°, 832.81430°, Azm=89.86131°. Principal axes: T Plg12.1858°, Azm317.3962°, N Plg0.0752°, Azm227.3800°; P Plg77.8140°, Azm137.0319°; Kyushu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like JTSN, JHHC, JNKG, etc.

Table with columns: Station Name, SNR, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like KSMGV, KSTBA, TJN, etc.

Table with columns: Station Name, SNR, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like SSLB, Suanlung, MDJ, etc.

ANAZ	comp=Z,74nm,0.9s		Pn	22 56 10.7 +1.4
TYV	Anatahan	20.15 138	P	22 56 12.7 +0.2
TYV	Tymovskoe	20.44 20	eP	23 00 04.2 +2.4
TYV			eS	
TYV	comp=Z,13nm,0.9s		pmax	
TYV	comp=Z,400nm,3.8s		pmax	
TYV	comp=N,600nm,6.9s		smax	
TYV	comp=E,1µm,19.0s		MLR	
TYV	comp=Z,800nm,19.0s		MLR	
ZEA	Zeya	21.90 353	eP	22 56 26.5 +0.7
ZEA			eS	22 56 38.5
ZEA			S	23 00 20.7 -4.4
ZEA	comp=N,60nm,1.0s		pmax	
ZEA	comp=Z,100nm,0.9s		pmax	
ZEA	comp=Z,100nm,2.6s		smax	
ZEA	comp=N,100nm,5.0s		smax	
ZEA	comp=E,100nm,5.8s		MLR	
ZEA	comp=E,500nm,10.0s		MLR	
ZEA	comp=N,600nm,17.0s		MLR	
ZEA	comp=Z,600nm,13.0s		MLR	
GUMO	Guam	21.97 144	P	22 56 25.7 -1.1
GUMO	comp=Z,99nm,0.9s,baz=240,slow=6.5,SNR=9.0		LR	23 03 12.2
GUMO	Guam	21.97 144	P	22 56 25.7 -1.1
GUMO	comp=Z,836nm,1.7s		pmax	
GUMO	Guam	21.97 144	P	22 56 25.7 -1.1
GUMO	Guam	21.97 144	P	22 56 28.0 +1.2
GUYA	Gulyang	22.57 282	↑P	22 56 33.0 -0.3
GUYA			sP	22 56 52.8 +3.2
GUYA			S	23 00 36.5 -1.4
GUYA			sS	23 00 58.5 +2.4
GUYA	comp=Z,35nm,0.7s		pmax	
GUYA	comp=Z,2µm,20.2s		LR	
LZH	Lanzhou	23.43 288	eP	22 56 41.8 -0.2
LZH			eS	23 00 50.5 -1.7
LZH			sS	23 01 08.0 -3.5
LZH			S	23 01 45.8 +1.5
LZH	comp=Z,110nm,1.1s		pmax	
LZH	comp=Z,310nm,4.9s		LR	
LZH	comp=Z,1µm,14.9s		LR	
LZH	comp=Z,2µm,16.0s		LR	
LZH	comp=Z,1µm,17.9s		LR	
QIZ	Qiongzong	23.59 242	P	22 56 44.5 +1.0
QIZ			S	23 00 58.5 +3.7
QIZ	comp=Z,810nm,22.1s		LR	
QIZ	comp=Z,670nm,21.5s		LR	
QIZ	comp=Z,840nm,12.3s		LR	
CD2	Chengdu	23.88 275	P	22 56 45.5 -0.7
CD2			sP	22 56 58.5 +0.7
CD2			P	23 01 02.5 +3.1
CD2	comp=Z,110nm,0.6s		pmax	
CD2	comp=Z,410nm,4.5s		pmax	
CD2	comp=Z,4µm,12.7s		LR	
CD2	comp=Z,5µm,11.8s		LR	
CD2	comp=Z,6µm,11.2s		LR	
ULN	Ulanbaatar	24.49 317	↑P	22 56 51.2 -0.6
ULN	Ulanbaatar	24.49 317	P	22 56 51.4 -0.4
ULN	Ulanbaatar	24.49 317	P	22 56 53.0
ULN	Ulanbaatar	24.49 317	P	22 56 51.2 -0.6
ULN	Ulanbaatar	24.49 317	P	22 56 51.2 -0.6
ULN	Ulanbaatar	24.49 317	P	22 56 51.2 -0.6
SOMM	Songino Array	24.86 317	P	22 56 54.4 -0.6
SOMM	comp=Z,68nm,0.9s,baz=73,slow=30,SNR=5.2		PcP	23 00 29.7 -0.4
SOMM	comp=Z,1.2nm,0.6s,baz=112,slow=3.0,SNR=2.2		LR	23 08 00.6
SOMM	comp=Z,3µm,18.0s,baz=121,slow=40		LR	22 56 54.7 -0.4
SOMM	Songino Array	24.86 317	P	22 56 56.6
SKR	Severo-Kuril's	25.89 371	↑P	22 57 04.9 +0.8
KMI	Kunming	26.34 282	↑P	22 57 10.5 +1.7
KMI			pP	22 57 18.3 -2.3
KMI			pP	22 57 22.5 -3.4
KMI			S	23 01 40.5 +1.4
KMI	comp=Z,12nm,0.8s		LR	
KMI	comp=Z,880nm,21.2s		LR	
KMI	comp=Z,2µm,17.6s		LR	
KMI	comp=Z,2µm,20.0s		LR	
GTA	Gaotai	26.84 295	↑P	22 57 12.3 -0.8
GTA			pP	22 57 22.5 -2.4
GTA			sP	22 57 27.3 -3.0
GTA			S	23 01 44.5 -2.0
GTA	comp=Z,5.0nm,1.0s		pmax	
GTA	comp=Z,150nm,5.5s		pmax	
GTA	comp=Z,2µm,17.8s		LR	
GTA	comp=Z,2µm,16.7s		LR	
GTA	comp=Z,3µm,19.6s		LR	
SLVN	Son La	27.00 254	P	22 57 15.2 +0.6
PEAOB	Petropavlovsk-PEAOB	28.14 34	P	22 57 24.6 +0.2
PEAOB	Petropavlovsk-PEAOB	28.14 34	P	22 57 24.9 +0.5
PETK	Petropavlovsk-PEAOB	28.14 34	P	22 57 24.6 +0.2
PETK	Petropavlovsk-PEAOB	28.14 34	P	22 57 24.9 +0.5
PETK	comp=Z,625nm,21.9s,baz=193,slow=6.1,SNR=7.1		LR	23 08 06.6
PETK	Petropavlovsk-Bodaibo	28.14 34	P	22 57 24.2 -0.2
BOD	Bodaibo	28.47 340	eP	22 57 25.9 -1.4
BOD			pmax	
PET	Petropavlovsk	28.55 35	eP	22 57 32.3 +4.3
PET	Petropavlovsk	28.55 35	eS	23 02 17.5 +4.7
PET			pmax	
PET	comp=Z,48nm,1.2s		MLR	
PET	comp=Z,500nm,20.0s		MLR	
PET	Petropavlovsk	28.55 35	P	22 57 27.8 -0.2
PET	Petropavlovsk	28.55 35	P	22 57 27.8 -0.2
SGSI	Sangihe	28.83 193	P	22 57 30.5 -0.3
NONG	Nongkai	29.32 248	P	22 57 37.0 +1.8
YAK	Yakutsk	30.01 358	P	22 57 41.0 +0.2
YAK	Yakutsk	30.01 358	eP	22 57 45.5 +4.7
YAK	Yakutsk	30.01 358	ePP	22 57 53.7 +1.1
YAK			e	22 58 52.8
YAK			eS	23 00 42.1
YAK			eSS	23 02 45.1 +1.0
YAK			eSS	23 03 00.2 +5.2
YAK			e	23 04 17.8 -2.7
YAK			pmax	23 08 20.0

YAK	comp=Z,12nm,0.9s		pmax	
YAK	comp=E,2.0nm,0.9s		pmax	
YAK	comp=N,3.0nm,0.9s		pmax	
YAK	comp=Z,415nm,6.0s		pmax	
YAK	comp=N,169nm,5.3s		pmax	
YAK	comp=E,187nm,5.0s		smax	
YAK	comp=E,104nm,3.8s		smax	
YAK	comp=N,62nm,2.7s		MLR	
YAK	comp=Z,771nm,19.0s		MLR	
YAK	comp=N,509nm,17.0s		MLR	
YAK	comp=E,369nm,15.0s		MLR	
YAK	Yakutsk	30.01 358	P	22 57 40.7 -0.1
YAK	Yakutsk	30.01 358	IAMB	22 57 55.2
GAMI	Galela, Maluku	30.30 188	P	22 57 42.5 -1.4
MA2	Magadan	30.31 191	eP	22 57 44.3 +0.8
MA2			pmax	
MA2	Magadan	30.31 191	P	22 57 44.1 +0.6
KHON	Khomkaen	30.55 246	P	22 57 49.4 +3.3
SPMM	Sapulut	30.75 211	P	22 57 49.0 +1.0
TNTI	Ternate	31.40 188	P	22 57 53.3 -0.3
TNTI			IAMB	22 57 56.6
TNTI	comp=Z,71nm,1.0s		P	31.40 188
TNTI	Ternate	31.40 188	P	22 57 53.6 0.0
UTTA	Utтарид	31.55 251	P	22 57 56.1 +1.2
PHIT	Phitsanulok	31.96 250	P	22 58 01.9 +3.4
CMMT	Chiang Mai	32.29 254	P	22 58 03.0 +1.5
CMMT	Chiang Mai	32.29 254	P	22 58 01.8 +0.3
CHTO	Chiang Mai	32.29 254	P	22 58 01.4 -0.1
CHTO			pmax	
CHTO	Chiang Mai	32.29 254	P	22 58 03.0 +1.5
CHTO	Chiang Mai	32.29 254	P	22 58 01.4 -0.1
CHTO	Chiang Mai	32.29 254	P	22 58 02.5 +1.0
GTOI	Gorontalo	32.34 197	P	22 57 59.9 -1.9
CM31	Chiang Mai Arr	32.48 253	P	22 58 03.6 +0.5
CMAR	Chiang Mai Arr	32.48 253	P	22 58 03.0 -0.1
CMAR	comp=Z,1.1nm,0.4s,baz=55,slow=8.0,SNR=1.7		PcP	23 00 49.2 -0.2
CMAR	comp=Z,1.4nm,0.4s,baz=62,slow=2.1,SNR=1.7		ScP	23 04 30.8 +1.2
CMAR	comp=Z,1.5nm,0.3s,baz=45,slow=2.3,SNR=5.7		LR	23 12 29.5
CMAR	comp=Z,908nm,19.4s,baz=100,slow=39		LR	23 12 29.5
CMAR	Chiang Mai Arr	32.48 253	P	22 58 03.9 +0.8
CMAR			ScP	23 04 30.6 +1.0
TOLIZ	Toilitoi	32.48 201	P	22 58 02.9 -0.2
TOLIZ			IAMB	22 58 04.3
SWI	Sorong	32.76 181	P	22 58 05.7 +0.3
MRSI	Marisa	32.76 198	P	22 58 04.4 -1.1
SUIJ	Soron	32.76 181	P	22 58 04.1 -1.4
SUIJ	comp=Z,25nm,0.8s,baz=359,slow=16,SNR=20		PcP	23 00 49.4 -0.8
SIJI	Sorong	32.76 181	P	22 58 04.2 -1.3
SIJI	comp=Z,4.4nm,0.4s,baz=228,slow=23,SNR=2.5		P	22 58 04.2 -1.3
SIJI	comp=Z,353nm,comp=Z,27nm,1.3s		P	22 58 12.3 +0.6
RKPI	Ransiki, Papua	33.47 176	P	22 58 12.3 +0.6
RKPI	comp=Z,38nm,1.3s		P	22 58 12.3 +0.6
MPSY	Mapaga	33.49 202	P	22 58 12.4 +0.6
MPSY	comp=Z,43nm,comp=Z,37nm,1.6s		P	22 58 11.9 -0.1
SEY	Seymchan	33.56 17	P	22 58 11.9 -0.1
SEY	Seymchan	33.56 17	eP	22 58 12.5 +0.5
H11N2	WAKE ISLAND Hy 33.77 103	T	T	23 34 20.9
H11N1	WAKE ISLAND Hy 33.77 103	T	T	23 34 18.8
H11N3	WAKE ISLAND Hy 33.78 103	T	T	23 34 17.9
APSI	Ampana	34.17 198	P	22 58 17.6 -0.1
H11S5	WAKE ISLAND Hy 34.20 105	T	T	23 34 54.0
H11S1	WAKE ISLAND Hy 34.20 105	T	T	23 34 54.0
H11S2	WAKE ISLAND Hy 34.21 105	T	T	23 34 51.5
H11S2	WAKE ISLAND Hy 34.21 105	T	T	23 34 51.5
SANI	Sanaul	34.37 190	P	22 58 17.1 -2.4
SANI	comp=Z,1µm,comp=Z,53nm,0.8s		P	22 58 17.1 -2.4
SBUM	Sibu	34.73 216	P	22 58 24.0 +1.4
LSA	Lhasa	34.78 277	P	22 58 24.0 +1.4
LSA			pmax	
LSA	comp=Z,19nm,0.8s		pmax	
LSA	Lhasa	34.78 277	P	22 58 23.8 +0.2
LSA			pmax	
LSA	comp=Z,13nm,1.1s		P	22 58 23.8 +0.2
LSA	Lhasa	34.80 179	P	22 58 22.8 -0.4
FAKI	Fak Fak	34.80 179	P	22 58 23.4 +0.2
FAKI	Fak Fak	34.80 179	P	22 58 23.4 +0.2
MSAI	Masohi	35.32 185	P	22 58 28.5 +0.8
KRAI	Karang Ratu	35.34 186	P	22 58 27.9 +0.1
KRAI	comp=Z,1µm,comp=Z,19nm,1.1s		P	22 58 27.9 +0.1
GENI	Genyem	35.38 165	P	22 58 29.0 +0.8
JAY	Jayapura	35.43 164	P	22 58 28.0 -0.7
JAY	comp=Z,21nm,1.1s,baz=294,slow=7.6,SNR=6.7		P	22 58 28.6 -0.1
WMQ	Urumqi	36.27 302	P	22 58 35.3 -0.5
WMQ			pP	22 58 47.5 -0.2
WMQ			PP	23 00 00.0 +1.3
WMQ			pmax	
WMQ	comp=Z,25nm,1.7s		pmax	
WMQ	comp=Z,190nm,3.8s		LR	
WMQ	comp=Z,1µm,16.7s		LR	
WMQ	comp=Z,2µm,16.7s		LR	
WMQ	comp=Z,2µm,16.7s		LR	
BNDI	Bandanaira	36.43 183	P	22 58 37.8 +0.6
MTKI	Muara Teweh, K	36.50 209	P	22 58 39.4 +1.5
KSM	Kuching	36.53 218	P	22 58 40.0 +1.9
TTSI	Tana Toraja	36.71 200	P	22 58 40.0 +0.4
DGZ	Jazzator, Alta	37.23 311	eP	22 58 43.7 -0.2
DGZ			pmax	
KKSI	Kolaka, Sulawesi	37.30 197	P	22 58 45.8 +1.2
KKSI	comp=Z,4µm,comp=Z,45nm,0.5s		P	22 58 49.1 -0.7
BNSI	Bone	38.06 210	P	22 58 51.3 +0.2
PETI	Palangkaraya	38.06 210	P	22 58 51.3 +0.2
KBKI	Kabaru	38.16 206	P	22 58 52.3 +0.4
KRAB	Krabi	38.42 239	P	22 58 58.1 +4.0
ZNSN	Zaisan	38.57 307	eP	22 58 54.6 -0.5
ZNSN	Zaisan	38.57 307	eP	22 58 54.6 -0.5
KAPI	Kappang	38.60 199	P	22 58 55.7 +0.1
KAPI			pmax	
KAPI	comp=Z,82nm,1.4s		IAMB	22 58 55.7 +0.1
KAPI	Kappang	38.60 199	P	22 58 55.7 +0.1
KAPI			IAMB	22 58 57.6
KAPI	comp=Z,82nm,1.4s		P	22 58 55.7 +0.1
KAPI	Kappang	38.60 199	P	22 58 55.7 +0.1
BKSI	Bulukumba	38.60 199	P	22 58 56.5 -0.7

BBKI	Banjar Baru	38.82 208	P	22 58 57.9 +0.5
MKS	Makassar	38.86 200	P	22 58 57.4 -0.5
MKS	comp=Z,90nm,1.2s		P	
TIXI	Tiksi	39.67 359	P	22 59 02.4 -1.5
TIXI	comp=Z,2.9nm,0.7s,baz=153,slow=4.5,SNR=2.2		P	22 59 04.6 +0.7
TIXI	Tiksi	39.67 359	eP	22 59 03.0 -0.9
ZAAO	Zalesovo Array	39.75 318	P	22 59 03.7 -1.1
ZALV	Zalesovo Beam	39.75 318	P	22 59 03.2 -1.6
ZALV	comp=Z,1.8nm,0.7s,baz=84,slow=7.6,SNR=5.6		PcP	23 01 10.

ZEL	comp-Z,5.0nm,0.9s		pmax	pmax		
KBZ	Khabaz	67.90 309	P	P	23 02 29.7	-0.8
KBZ	comp-Z,12nm,0.9s,baz=102,slow=2,SNR=13		LR	LR	23 36 10.2	
KBZ	Khabaz	67.90 309	i/P	P	23 02 30.3	-0.2
GNI	Garni	68.08 304	eP	P	23 02 31.5	-0.5
GNI	comp-Z,24nm,1.4s					
GNI	Garni	68.08 304	P	P	23 02 31.6	-0.4
NEY	Neytrino	68.21 308	eP	P	23 02 31.5	-1.3
NEB	comp-Z,2.0nm,1.0s					
DAW	Dawson Inlet	68.24 40	P	P	23 02 32.6	+0.1
AKH	Akhalkalaki	68.43 306	i/P	P	23 02 34.0	-0.3
RES	Resolute Bay	69.24 12	P	P	23 02 39.1	+0.7
RES	comp-Z,26nm,1.3s					
RES	Resolute Bay	69.24 12	P	P	23 02 39.0	+0.7
RES	comp-Z,26nm,1.2s					
FIAT	FINESS Array S	69.32 330	P	P	23 02 37.9	-1.2
FINES	FINESS Array B	69.32 330	P	P	23 02 37.5	-1.6
FINES	comp-Z,622nm,18.7s,baz=66,slow=98		LR	LR	23 35 55.7	
FINES	FINESS Array B	69.32 330	i/P	P	23 02 38.0	-1.1
FINES	comp-Z,6.0nm,0.5s					
FINES	FINESS Array B	69.32 330	P	P	23 02 37.8	-1.3
DAG	Danmarks Havn	69.87 353	i/P	P	23 02 42.5	+0.2
DAG	comp-Z,12nm,0.9s					
DAG	Danmarks Havn	69.87 353	i/P	P	23 02 42.5	+0.2
SOC	Sochi	70.06 309	eP	P	23 02 40.9	-3.1
SOC	comp-Z,619nm,17.0s					
TOO	Toolangi	70.46 168	P	P	23 02 46.9	+0.6
TOO	comp-Z,64nm,1.1s					
TOO	Toolangi	70.46 168	P	P	23 02 46.9	+0.6
YSU	Vasula	70.50 327	eP	P	23 02 45.6	-0.8
GURO	Guroymak-BITLI	70.66 304	P	P	23 02 47.6	-0.3
NEEM	North Leningrad	70.73 11	i/P	P	23 02 47.8	-0.1
NEEM	comp-Z,22nm,0.8s					
SIRT	Sirnak	70.83 303	P	P	23 02 48.7	-0.3
BBB	Bella Bella	71.07 40	LR	LR	23 35 14.2	
MNSK	Minsk	71.91 323	i/P	P	23 02 53.6	-1.4
MNK	comp-Z,22nm,0.8s					
MNK	comp-Z,2.0nm,0.9s					
MNK	comp-Z,16nm,0.9s					
MNK	comp-E,101nm,18.7s					
MNK	comp-Z,1um,18.7s					
MNK	comp-N,320nm,18.7s					
YKA	Yellowknife Ar	71.95 27	P	P	23 02 55.3	+0.2
YKA	comp-N,5.9nm,0.9s,baz=303,slow=5.3,SNR=24		LR	LR	23 38 44.8	
YKA	Yellowknife Ar	71.95 27	P	P	23 02 56.2	+1.1
IDID	Idiziasalis	72.09 325	eP	P	23 02 56.2	+0.2
MARD	Mardin	72.09 303	I/Amb	I/Amb	23 03 08.9	
ISAL	Salakas	72.24 325	eP	P	23 02 57.2	+0.2
NACGM	Naroch	72.26 324	i/P	P	23 02 52.5	-4.5
DBG	Daneborg	72.28 352	I/Amb	I/Amb	23 03 02.4	
IGN	Ignalina	72.31 325	eP	P	23 02 57.7	+0.3
AKASG	Malin Array Be	73.10 320	P	P	23 03 00.5	-1.6
AKASG	comp-Z,7.6nm,0.5s,baz=54,slow=6.3,SNR=33		LR	LR	23 37 40.2	
AKASG	Malin Array Be	73.10 320	P	P	23 03 00.7	-1.5
AKBB	Malin Array Si	73.10 320	P	P	23 03 00.6	-1.6
AKBB	comp-Z,27nm,0.7s					
AKBB	Malin Array Si	73.10 320	P	P	23 03 00.6	-1.6
PABE	Paberze	73.32 326	eP	P	23 03 02.6	-0.8
PABE	comp-Z,27nm,0.7s					
PABE	Paberze	73.32 326	eP	P	23 03 02.5	-0.8
SOCY	Socotra	73.33 274	P	P	23 03 01.4	-2.8
JMIC	Jan Mayen	73.43 347	LR	LR	23 37 23.2	
UPP	Uppsala	73.68 331	eP	P	23 03 03.6	-1.7
SUW	Suwalki	74.52 325	eP	P	23 03 01.0	-0.3
SUW	Suwalki	74.52 325	P	P	23 03 09.5	-0.9
SUW	comp-Z,47nm,1.0s					
SUW	Suwalki	74.52 325	P	P	23 03 09.5	-0.9
GAZ	Gaziantep	74.68 304	P	P	23 03 10.5	-1.3
GAZ	comp-Z,20nm,1.0s					
SORM	Soroca	74.90 318	i/P	P	23 03 11.3	-1.4
SORM	Soroca	74.90 318	i/P	P	23 03 11.3	-1.4
NC405	NORSAR Array S	75.19 334	P	P	23 03 12.3	-1.9
LLBL	Lillooet	75.24 39	P	P	23 03 15.6	+0.8
SUMG	Summit	75.42 357	i/P	P	23 03 16.0	+0.2
SUMG	comp-Z,18nm,0.9s					
SUMG	Summit	75.42 357	P	P	23 03 15.7	-0.1
SUMG	comp-Z,31nm,1.0s					
SUMG	Summit	75.42 357	P	P	23 03 15.7	-0.1
PGC	Sidney	75.42 41	P	P	23 03 16.3	+0.6
PGC	comp-Z,20nm,0.9s					

NB2	NORSAR Subarra	75.43 334	P	P	23 03 13.5	-2.1
NOA	NORSAR Array B	75.43 334	P	P	23 03 13.6	-1.9
NOA	comp-Z,4.2nm,0.9s,baz=49,slow=5.7,SNR=15		LR	LR	23 39 39.2	
NLWA	Neilton Loukou	75.85 43	P	P	23 03 19.4	+1.2
NLWA	comp-Z,27nm,1.1s					
BR131	Keskin Array S	75.88 308	P	P	23 03 17.9	-0.9
BR131	comp-Z,15nm,0.9s					
BR131	Keskin Array B	75.88 308	P	P	23 03 17.9	-0.9
BR131	comp-Z,15nm,0.8s					
BRTR	Keskin Array B	75.88 308	P	P	23 03 17.6	-1.1
BRTR	comp-Z,6.6nm,1.0s,baz=107,slow=4.1,SNR=11		LR	LR	23 41 32.0	
BRTR	Keskin Array B	75.88 308	i/P	P	23 03 21.0	+2.3
BRTR	comp-Z,7.0nm,1.0s					
BRTR	Keskin Array B	75.88 308	P	P	23 03 17.8	-0.9
TAU	Tasmania Unive	75.97 168	P	P	23 03 19.5	+0.9
TAU	comp-Z,44nm,1.1s					
TAU	Tasmania Unive	75.97 168	P	P	23 03 19.5	+0.9
A05A	Maple Falls	76.00 41	P	P	23 03 19.4	+0.4
A05A	comp-Z,33nm,1.4s					
VASR	Vaslui	76.01 316	i/P	P	23 03 19.9	+0.8
VLDR	Vladesti	76.26 316	i/P	P	23 03 22.6	+2.1
JURR	Jurilovca	76.35 314	i/P	P	23 03 21.4	+1.0
B05A	Bryant	76.39 41	P	P	23 03 30.9	-0.4
LVV	L'vov	76.40 321	eP	P	23 03 19.7	-1.6
LVV	comp-Z,600nm,16.0s					
LVV	comp-E,400nm,15.0s					
LVV	comp-N,400nm,16.0s					
E03A	Lebam	76.48 43	P	P	23 03 22.1	+0.3
E03A	comp-Z,22nm,1.1s					
PRAR	RASCA	76.53 318	i/P	P	23 03 31.4	+9.4
TPGR	Topogl	76.58 315	i/P	P	23 03 21.9	-0.6
CFR	Caracul	76.58 315	i/P	P	23 03 19.1	-3.2
CFR	Caracul	76.58 315	i/P	P	23 03 19.1	-3.2
DOAE	Lakebay	76.60 43	P	P	23 03 22.8	+0.4
BUR08	Bucovina Ar. S	76.96 318	P	P	23 03 24.1	-0.5
BUR08	comp-Z,19nm,0.9s					
BURAR	Bucovina Array	76.96 318	i/P	P	23 03 24.2	-0.4
BURAR	Bucovina Array	76.96 318	i/P	P	23 03 24.2	-0.4
BURAR	Bucovina Array	76.96 318	P	P	23 03 23.9	-0.8
BURAR	comp-Z,24nm,0.8s					
TLBR	Topalu	76.97 315	i/P	P	23 03 23.9	-0.7
VRI	Vrincioaia	77.04 316	i/P	P	23 03 25.4	+0.3
VRI	Vrincioaia	77.04 316	i/P	P	23 03 19.9	+9.5
VRI	Vrincioaia	77.04 316	i/P	P	23 03 25.4	+0.3
E04D	Cinebar	77.05 43	P	P	23 03 26.0	+1.0
PLOR	Plostinia	77.10 316	i/P	P	23 03 22.0	-3.3
PLOR	Plostinia	77.10 316	i/P	P	23 03 22.0	-3.3
C06D	Leavenworth	77.25 41	P	P	23 03 26.5	+0.3
ICOR	Ion Corvin	77.34 314	i/P	P	23 03 25.8	-0.9
COVR	McInessa-Covas	77.36 316	i/P	P	23 03 31.2	+4.4
G03D	McInessville, O	77.38 44	P	P	23 03 26.8	-0.1
LOL	Longmire	77.38 43	P	P	23 03 26.9	-0.1
LOL	comp-Z,7.0nm,1.1s					
LOL	Longmire	77.38 43	P	P	23 03 26.9	-0.1
OZUR	Ozur	77.47 317	i/P	P	23 03 26.8	-0.8
F04A	Amboy	77.48 43	P	P	23 03 27.6	+0.1
F04A	comp-Z,24nm,0.9s					
NEHR	Nehoiu	77.54 316	i/P	P	23 03 31.4	+3.6
I02D	Switshose	77.62 46	P	P	23 03 28.5	+0.3
MLR	Muntele Rosu	77.71 316	i/P	P	23 03 31.7	+2.8
MLR	Muntele Rosu	77.71 316	P	P	23 03 29.3	+0.4
MLR	comp-Z,14nm,1.1s					
MLR	Muntele Rosu	77.71 316	P	P	23 03 29.3	+0.4
LTY	Liberty	77.75 42	P	P	23 03 29.1	0.0
KOLS	Kolonickie sedl	77.85 321	eP	P	23 03 31.8	+2.3
KOLS	Kolonickie sedl	77.85 321	eP	P	23 03 40.9	
KOLS	Kolonickie sedl	77.85 321	eP	P	23 03 31.8	+2.3
BMR	Baia Mare	77.90 319	i/P	P	23 03 30.5	+0.8
BMR	Baia Mare	77.90 319	i/P	P	23 03 30.5	+0.8
UZH	Uzhgorod	78.01 320	eP	P	23 03 27.2	-3.1
EDM	Edmonton	78.04 34	P	P	23 03 30.6	+0.1
EDM	comp-Z,37nm,1.2s					
EDM	Edmonton	78.04 34	P	P	23 03 30.6	+0.1
H04D	Lebanon	78.06 45	P	P	23 03 30.4	-0.3
F05D	White Salmon	78.07 43	P	P	23 03 31.0	+0.2
J01E	Myrtle Point	78.08 46	P	P	23 03 31.1	+0.3
BUCK	Buck Mountain	78.09 45	P	P	23 03 31.8	+0.8
BUCK	comp-Z,54nm,1.1s					
I03D	Drain, OR	78.15 46	P	P	23 03 31.8	+0.6
TRPA	Tarpa	78.16 320	i/P	P	23 03 31.2	0.0
CRVS	Cervenica-Dubn	78.30 321	eP	P	23 03 32.1	+0.1
CRVS	Cervenica-Dubn	78.30 321	eP	P	23 03 32.1	+0.1
CRVS	Cervenica-Dubn	78.30 321	eP	P	23 03 32.1	+0.1
OJC	Ojcow	78.40 323	eP	P	23 03 32.5	0.0
OJC	Ojcow	78.40 323	eP	P	23 03 32.4	+1.6
OJC	Ojcow	78.40 323	eP	P	23 03 32.0	-0.5
OJC	comp-Z,44nm,0.9s					
OJC	Ojcow	78.40 323	P	P	23 03 32.0	-0.5
K02D	Williamette Mer	78.50 47	P	P	23 03 33.4	+0.1
G05D	Wamic, OR	78.51 44	P	P	23 03 33.9	+0.7
E07A	Sunnyside	78.61 42	P	P	23 03 34.6	+0.9
E07A	comp-Z,17nm,1.0s					
NIE	Niedzica	78.62 322	eP	P	23 03 34.2	+0.4
NIE	Niedzica	78.62 322	eP	P	23 03 34.7	-1.2
I04A	Tendick Farm,	78.66 45	P	P	23 03 35.1	+1.0
L02E	Cave Junction	78.83 47	P	P	23 03 36.3	+1.2
DRGR	Dravograd	78.84 319	i/P	P	23 03 37.5	+2.5
DRGR	Dravograd	78.84 319	i/P	P	23 03 37.5	+2.5
HAWA	Hanford	78.89 42	P	P	23 03 35.7	+0.5
ICESC	Greenland Ices	78.94 357	i/P	P	23 03 35.2	-0.3
ICESC	comp-Z,14nm,1.0s					
HUMO	Hull Mountain	78.99 47	P	P	23 03 36.4	+0.5
I05D	Torrebonne, OR	79.00 44	P	P	23 03 36.7	+0.7
LOT	Lotru	79.00 317	i/P	P	23 03 38.2	+2.2
NEW	Newport	79.13 39	P	P	23 03 37.2	+0.6
NEW	comp-Z,12nm,1.0s					
NEW	Newport	79.13 39	P	P	23 03 37.2	+0.6
NEW	Newport	79.13 39	P	P	23 03 37.1	+0.5
J04D	Umpqua Nationa	79.15 46	P	P	23 03 37.3	+0.3
LANS	Liptovska Anna	79.22 322	eP	P	23 03 37.7	+0.7

LANS	Liptovska Anna	79.22 322	eP	P	23 03 37.7	+0.7
LANS	Liptovska Anna	79.22 322	eP	P	23 03 37.7	+0.7
OKC	Ostrava-Krasne					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIKH Ishinomakikubo, JIO Ouri, JKMT Kesennumamotoy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOMN Songino Array, MK31 Makanchi Array, MKR1 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, GTA Gaotai, ULN Ulaanbaatar, etc.

NEIC 25 23:08:32.71.6, 3.7176N, 0.04104, 104.92W, 0.03, h5km, 2km, mb Lg2.8/5.4, ML2.7/3.3, Error ellipse: s-maj=7.8km

NEIC 25 23:30:19.4.2.4, 0.05S, 0.08, 135.36E, 0.03, h29km, 5km, mb4.0/3.3, Error ellipse: s-maj=12.1km s-min=3.8km

NEIC 25 23:30:19.5.0.2, 3.13S, 135.5E, h84km, 6km, M4.8/13, mb5.4/7, mb4.8/13, MLV4.7/8, Mw(mb)4.8/7

Main station list table for the first section, including stations like T25A Trinidad, SDCO Great Sand Dun, ANMO Albuquerque, etc.

Main station list table for the second section, including stations like KMPI Kaimama, ZAAO Zalesovo Array, SRPI Serui, etc.

Main station list table for the third section, including stations like URZ Urewera, GTA Gaotai, ULN Ulaanbaatar, etc.

IDC 25 23:27:34.1.1.9, 2.09N, 127.09E, h0km, mb3.9/5, mb1.4/1.5, mb1mx3.7/4.0, mbtmp3.9/5, MS3.4/2, Ms1.3/0.2, mb1mx2.8/3.2, Error ellipse: s-maj=23.0km s-min=5.0km az=69.0

NEIC 25 23:27:40.2.2.3, 1.97N, 0.08, 126.4E, 0.1, h35km, 2km, mb4.0/8, Error ellipse: s-maj=19.6km s-min=10.9km az=58.0

NEIC 26 00:07:47.6.1.1, 0.01S, 0.07, 127.26E, 0.08, h120km, 6km, mb4.2/1.0, Error ellipse: s-maj=13.6km s-min=7.4km az=122.0

DJA 25 23:27:41.8.1.0, 2.1N, 127.12E, h17km, 8km, M3.9/8, mb4.3/3, mb4.3/1, MLV3.8/6, Mw(mb)4.1/1

IDC 25 23:27:43.4.1.0, 1.77N, 0.05, 126.43E, 0.04, h66km, 10km, n3.0, c124/35, mb4.0/8, Northern Molucca Sea

DJA 26 00:07:49.6.0.3, 0.0N, 2.12E, h79km, 6km, M4.5/14, mb4.5/9, mb5.0/5, MLV4.5/14, Mw(mb)4.3/5

IDC 26 00:07:51.8.4.2, 0.10S, 127.20E, h170km, 42km, mb3.7/4, mb1.4/0.5, mb1mx3.4/4.1, mbtmp4.3/5, MS3.0/1, Ms1.3/0.1, mb1mx2.3/3.0, Error ellipse: s-maj=35.5km s-min=13.4km az=73.0

IDC 26 00:07:47.1.0.8, 0.03N, 0.04, 127.29E, 0.05, h121km, 7km, n44, c179/52, mb4.2/8, Halmahera

IDC 26 00:07:47.1.0.8, 0.03N, 0.04, 127.29E, 0.05, h121km, 7km, n44, c179/52, mb4.2/8, Halmahera

Main station list table for the fourth section, including stations like GAMI Galela, TMTI Ternate, MNI Manado, etc.

Main station list table for the fifth section, including stations like KMPI Kaimama, ZAAO Zalesovo Array, SRPI Serui, etc.

Main station list table for the sixth section, including stations like URZ Urewera, GTA Gaotai, ULN Ulaanbaatar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BGNE Belgrade, N38A Joes South For, X43A Marvell, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNS Nan Shan, NDT Datong Townshi, FUSS Fushou, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LMGC Las Mercedes, RCC Rio Carpintero, GTMO Guantanamo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, GMB Gamarie.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, MKAR Makanchi Array, IDC 26 03:26:23.0, etc.

ROM 26 04:28:36.0, 0.1, 38.789N, 0.004, 16.905E, 0.009, h31km, ML3.1/29, Error ellipse: s-maj=0.9km s-min=0.2km az=294.0

THE 26 04:28:40.8, 38.811N, 17.34E, h8km, 24km, ML3.0/15, Error ellipse: s-maj=32.5km s-min=2.0km az=263.0

ISC 26 04:28:36.7, 0.9, 38.80N, 0.03, 16.86E, 0.02, h31km, 8km, n62, c194/89, 1C-4D, Southern Italy

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SERS Sersale, GRI Girifalco, TIP Timpagrande, etc.

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GMB, T0702 Acquaformosa, T0702, etc.

26d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Lefkada island, Valsamata, NYDR Nydri-Lefkada, etc.

IDC 26 04:28:57.8, 8.9, 36.26Nk71.76E, h83km, 37km, mb3.2/1, mb1 3.47, mb1mx3.1/53, mbtmp3.7/77, Error ellipse: s-maj=125.7km s-min=30.4km az=157.0

SOME 26 04:29:04.1, 36.33N, 72.10E, h0km, ISC 26 04:29:09.7, 2.2, 37.4N, 0.0, 71.3E, 0.1, h100km, n18, s=1562/23, 2C, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Merke, Erkin-Say, Karatay Array, Ala-Archa, etc.

IDC 26 04:41:58.9, 61.0, 21.71S, 178.26W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/32, mbtmp4.0/3, Error ellipse: s-maj=1114.0km s-min=171.0km az=85.0, Fiji Islands region

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

IDC 26 05:05:25.2, 3.5, 5.04S, 151.91E, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.5/35, mbtmp3.7/2, Error ellipse: s-maj=145.8km s-min=46.5km az=118.0, New Britain region

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

ANF 26 05:05:27.9, 1.0, 36.28N, 97.25W, h2km, ML3.6/13, Error ellipse: s-maj=2.3km s-min=2.0km az=110.0

TUL 26 05:05:27.9, 1.2, 36.28N, 0.01, 97.27W, 0.03, h4km, 7km, ML3.2, mb, Lg, 1/108(NEIC), Error ellipse: s-maj=3.1km s-min=1.4km az=73.0

NEIC 26 05:05:27.9, 1.0, 36.28N, 0.006, 97.26W, 0.1, h2km, 8km, Error ellipse: s-maj=3.2km s-min=0.6km az=76.0

ISC 26 05:05:27.9, 1.2, 36.28N, 0.02, 97.27W, 0.02, h2km, 10km, n100, 0.95/58/78, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Quay, Brethren Rd, Blackwell, Liberty Lake, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Oklahoma City, Sooner Cattle, Manchester OK, etc.

1298

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

IDC 26 05:11:36.4, 0.5, 0.79S, 16.00W, h0km, mb4.2/28, mb1 4.3/30, mb1mx4.2/55, mbtmp4.2/30, ML3.5/2, MS4.1/31, MS1 4.1/31, ms1mx4.1/32, Error ellipse: s-maj=14.7km s-min=11.7km az=129.0

NEIC 26 05:11:38.4, 2.1, 0.75S, 0.1, 16.02W, 0.1, h10km, 1km, mb4.8/91, Error ellipse: s-maj=20.8km s-min=15.1km az=153.0

GCMT 26 05:11:39.4, 0.2, 0.68S, 0.02, 16.10W, 0.01, h12km, MM4.9/103, Moment Tensor Solution, s33, c36, s103, c149, Duration: 0 Moment tensor: Scale 10^16Nm; Mn=2.64+0.7; Mw=0.02+0.7; Ms=2.63+0.7; M=0.06+0.34; Mb=0.67+0.06; Mb=0.07+0.22; Best double couple: Mo2.71800x10^16 NP1.3634500000, 644.000000, 1.92.000000. NP2.3634500000, 646.000000, 1.92.000000. Principal axes: T 2.7920, Plg1.0000, Azm256.0000; N -0.1410, Plg2.0000; Azm346.0000; P -2.6430, Plg8.0000; Azm149.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 26 05:11:37.8, 0.3, 0.75S, 0.07, 16.03W, 0.06, h10km, n185, s=1521/149, mb4.7/79, MS4.2/33, North of Ascension Island

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like 435B Jarrell, AGM Lac du Bonnet, ULM comp-z, etc.

SOME 26 06:25:18.5, 42.85N, 76.75E, h5km
NNC 26 06:25:18.9, 42.87N, 76.79E, h0km, mb3.7,
Error ellipse: s-maj=11.9km s-min=3.1km az=169.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like IZV 2.3nm, 0.1s, MDOK Medeo, etc.

IDC 26 06:28:15.1, 2.0, 0.70N, 126.98E, h0km, mb3.7,
mb1 3.9/3, mb1mx3.6/29, mbtmp3.7/3, Error ellipse:
s-maj=174.7km s-min=24.6km az=66.0, Northern
Molucca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

SOME 26 06:40:31.3, 41.15N, 71.17E, h10km
NNC 26 06:40:32.7, 41.11N, 71.24E, h7km, mb2km, mb3.2,
mpv3.0, Error ellipse: s-maj=3.8km s-min=1.7km az=174.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TRKS Terek-Say, BTM Batken, IUG luzhnay, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like IUG luzhnay, MNAS Manas, KK31 Karatay Array, etc.

IDC 26 06:47:50.2, 3.2, 53.54N, 87.71E, h0km, mb1 2.9/2,
mb1mx2.8/53, mbtmp2.9/2, ML2.6/2, Error ellipse:
s-maj=29.9km s-min=16.6km az=52.0, Southwestern
Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

IDC 26 07:06:59.6, 6.4, 4.39N, 95.21E, h0km, mb3.6/3, mb1 3.9/3,
mb1mx3.4/54, mbtmp3.6/3, Error ellipse: s-maj=322.6km
s-min=27.4km az=57.0

DJA 26 07:07:01.7, 2.5, 5.1N, 17.9E, h10km, M4.0/3,
ML4.0/3

ISC 26 07:06:31.1, 5.5, 50N, 0.1, 95.9E, 0.1, h29km, n9, e1866/7,
mb3.7/3, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like LHMI Lhok Sumawe, TPTI Tegal, etc.

TAP 26 07:07:21.0, 24.72N, 122.77E, h4km, ML3.4, C
JMA 26 07:07:21.0, 24.72N, 122.82E, h20km, 1km, M2.9

ISC 26 07:07:18.8, 1.1, 24.73N, 103.122.82E, 0.102, h10km, 9km,
n66, e0563/118, 4D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NHDH Xindian Distri, YM01 YM01, etc.

IDC 26 07:17:00.2, 1.6, 11.80N, 142.17E, h0km, mb3.5/4,
mb1 3.9/5, mb1mx3.6/46, mbtmp3.6/5, ML3.8/1, Error
ellipse: s-maj=92.7km s-min=25.5km az=117.0, South
of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes station GUMO Guam.

26d 8h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Pengchaiyu, Mucha, Kuro-shima, Datong Townshi, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Stephens Creek, Warramunga Arr, Alice Springs, Franklin, etc.

1304

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Liberty Lake, Westminister Rd, Oklahoma City, Franklin, etc.

26d 9h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KUR, USRK, YSS, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GTA, WRO, WBA, etc.

1306

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like WRO, WBA, WRA, etc.

26 Jun 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details for stations in the 26 Jun 10h section.

INET 26 10:22:50.0, 12.622N, 90.42W, h15km, MW4.8
SNET 26 10:22:56.4, 0.9, 12.73N, 90.48W, h15km, 7km, ML4.3
GCMT 26 10:23:01.1, 0.5, 12.76N, 0.03, 90.59W, 0.04, h24km, 1km, MW4.8/59, Moment Tensor Solution...

Main station listing table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and other technical details.

2015 AUG

Main station listing table for August 2015 with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details.

1308

Main station listing table for 1308 with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details.

26d 10h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Klamath Falls, Fort Rock, Pine Mountain, etc.

2015 AUG

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Eagle, Klutina, Knik Glacier, etc.

1310

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Songino Array, Karea Array, Boshof, etc.

WEL 26 10:23:29.4r1, 4.47°S, 7.16°E, h12km, M4.0/7, ML4.2/7, MLv4.0, 0.7, Error ellipse: s-maj=0.0km s-min=0.0km az=102.1, Off west coast of South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Puysegur Point, The Paps, Wether Hill, etc.

IDC 26 10:23:34.6r1, 8.52°S, 36°N, 169.45W, h0km, mb3.6/10, mb1.3/8.12, mb1mx3.6/8.1, mbmp3.6/12, ML3.2/2, MS3.4/2, Ms1.3/4.2, ms1mx2.7/5.2, Error ellipse: s-maj=43.9km

NEIC 26 10:23:38.6r2, 8.52°S, 22°N, 0.1°169.40W, 0.07, h30km, 18km, Error ellipse: s-maj=15.4km s-min=6.5km az=179.0

AEIC 26 10:23:38.2r5, 52°22'N, 0.04°169.26W, 0.07, h24km, 8km, ML3.2/25, Error ellipse: s-maj=7.5km s-min=4.5km az=130.0

ISC 26 10:23:38.1r2, 3.52°N, 0.1°169.42W, 0.08, h27km, 13km, n52, r136/50, mb3.7/10, Fox Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Nikolski High, Okmok South, Okmok Mt. Tuli, etc.

DJA 26 10:27:57.1r0.6, 8°S, 4°12'E, h142km, 9km, M3.6/7,

MLV3.67
IDC 26 10:27:57.9.5.0.8.19S:119.88E,h171km,64km,mb3.7/3,
mb1 3.7/6,mb1mx3.2/55,mbtmp4.1/6,Error ellipse:
s-maj=143.2km s-min=19.0km az=50.0

ISC 26 10:27:56.1.0.9.30S:0.06:119.67E:0.04,h170km,n16,
a=158/23, Flores region

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

NOU 26 10:32:55.6,41.59S:173.70E,h104km,ML4.0/9, South
Island, New Zealand
WEL 26 10:32:58.1,41.5S:17.47E,h80km,ML4.0/9,
MLV3.8/9, Error ellipse: s-maj=0.0km s-min=0.0km
az=130.0, South Island

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

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

IDC 26 10:35:52.0.9.28:44N:43.70W,h0km,mb3.8/10,
mb1 4.0/10,mb1mx3.7/64,mbtmp3.8/10,MS3.7/6,
Ms1 3.7/6,ms1mx3.1/43,Error ellipse: s-maj=31.9km
s-min=19.5km az=8.0

NEIC 26 10:35:54.8.1.1.28:5N:0.1:43.7W:0.1,h10km,1km,
mb4.4/15, Error ellipse: s-maj=29.1km s-min=6.4km
az=137.0

ISC 26 10:35:54.6.0.7.28:4N:0.2:43.7W:0.1,h12km,n36,
a=57/23,mb4.0/16,MS3.6/6,Northern Mid-Atlantic
Ridge

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

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

IDC 26 10:57:54.7.1.9.20:59S:169.14E,h0km,mb3.5/3,
mb1 3.8/4,mb1mx3.6/21,mbtmp3.5/4,ML3.2/1,MS3.0/2,
Ms1 3.0/2,ms1mx2.8/18,Error ellipse: s-maj=10.8km
s-min=28.4km az=152.0

NOU 26 10:57:57.7,20:85S:169.17E,h0km,ML4.0/8, Vanuatu
Islands
ISC 26 10:57:59.6.0.9.20:90S:0.08:169.2E:0.1,h3km,n23,
a=112/24,mb3.6/3, Vanuatu Islands

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

MOS 26 11:19:33.4,1.3.52:46N:172.84E,h4km,mb4.7/8, Error
ellipse: s-maj=8.7km s-min=5.3km az=39.0

NEIC 26 11:19:35.6,1.2.52:6N:0.1:172.89E:0.09,h54km,7km,
mb4.2/79, Error ellipse: s-maj=17.9km s-min=7.0km
az=120.0

IDC 26 11:19:35.0,4.0.52:71N:172.82E,h52km,36km,mb3.8/16,
mb1 4.0/17,mb1mx3.7/40,mbtmp4.1/17,ML3.4/1, Error
ellipse: s-maj=2.5km s-min=15.0km az=163.0

KRSC 26 11:19:37.9,3.1.52:44N:172.06E,h62km,97km,ML4.2
ISC 26 11:19:33.9,0.6.52:53N:0.09:172.74E:0.04,h50km,n216,
a=192/219,mb4.2/60, Near Islands

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KHGB Koh Gabri, TVBK TV Kerman, KRBR Kerman, NGRK Negar Kerman, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like INET 26 13:27:14.1, SNET 26 13:27:18.9, etc.

Table with columns: SJTE, Alcaldia de S, LFRS El Faro, JAYA Yajayque - finc, etc.

TEH 26 13:38:40.0, 32°Z2N-48°74'E, h8km, ML3.2
KISR 26 13:38:41.5, 0.4, 32°48'N-48°75'E, h169km, 52km, ML3.8
THR 26 13:38:43.0, 0.9, 32°88'N-48°76'E, h15km, ML3.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BMDN Meydan, IDOB Dosb, DPHL Dehloran, etc.

NEIC 26 13:51:35.6, 1.4, 57°50'S-09°25'9W, 0.2, h32km, 1km, m5.8/169 Ms, 2.0, 3.664, Mw5.7/25, Mw5.8, m-mw5.7(GCMT). Error ellipse: s-maj=15.5km

NEIC 26 13:51:36.1, 57°48'S-25°89'W, h35km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr:3.4; Mss:0.54; Mss:2.80; Mss:0.14; Mss:2.66; Mss:1.03; Fault plane solution: M4.220000*10^17 NP1:130.410000, 1.66.030000; NP2:341.180000, 6.52.570000, 1.09.890000. Principal axes: T 3.6111, Plg73.0000; Azm308.0000; N 1.0274, Plg16.0000; Azm149.0000; P 6.6385, Plg6.0000; Azm7.0000

MOS 26 13:51:38.6, 0.9, 57°48'S-25°81'W, h50km, m5.8/32, MS5.2/23 Error ellipse: s-maj=17.3km s-min=8.9km az=104.7

IDC 26 13:51:39.8, 1.6, 57°49'S-25°84'W, h67km, 13km, m5.2/18, mbl 5.2/20, mbl1mx5.2/22, mbmp5.2/20, MS5.4/26, Ms1 5.1/16, ms1mx5.1/16, Error ellipse: s-maj=12.6km s-min=11.0km az=62.0

GCMT 26 13:51:40.6, 0.1, 57°57'S-01°25'17W, 0.01, h49km, Mw5.7/153, Moment Tensor Solution. s153.c295; s146.c393; Duration: 1vs8 Moment tensor: Scale 10^17 Nm; Mrr:4.50e-04; Mss:1.33e-04; Mss:4.63e-03; Mrr:0.01e-04; Mss:1.19e-03; Mrr:1.46e-04; Best double couple: M4.928000*10^17 NP1:162.000000; 837.000000, 1.83.000000; NP2:351.000000; 854.000000; 1.95.000000; Principal axes: T 4.7350, Plg81.0000; Azm284.0000; N 0.3880, Plg4.0000; Azm168.0000; P -5.1220, Plg8.0000; Azm77.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

BUI 26 13:51:41.0, 0.0, 57°50'S-26°00'W, h80km, m5.6/30, Ms5.7/34, Ms7 5.5/31

NEIC 26 13:51:41, 57°39'S-25°77'W, h50km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr:5; Mss:0.17; Mss:4.58; Mss:0.64; Mss:1.69; Mw:3.9; Fault plane solution: M6.400000*10^17 NP1:154.000000, 826.000000, 1.78.000000; NP2:348.000000, 865.000000, 1.96.000000. Principal axes: T 6.2194, Plg70.0000; Azm270.0000; N 0.3454, Plg5.0000; Azm165.0000; P -6.5648, Plg19.0000; Azm73.0000

NEIC 26 13:51:41, 57°60'S-25°27'W, h50km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr:5.4; Mss:0.11; Mss:4.66; Mss:0.03; Mss:1.48; Mw:1.38; Fault plane solution: M5.030000*10^17 NP1:155.000000, 836.000000, 1.81.000000; NP2:349.000000, 853.000000, 1.97.000000. Principal axes: T 4.7593, Plg1.0000; Azm290.0000; N 0.4992, Plg5.0000; Azm165.0000; P -5.2575, Plg8.0000; Azm75.0000

ISC 26 13:51:37.4, 0.9, 57°55'S-05°25'84W, 0.05, h47km, 7km, n1456, c126/1221, mbl57/103, MS5.3/381, 69C-18D, Fault plane solution: NP1:154.68445, 844.18224, 1.59.37756; NP2:14.22122, 853.14808, 1.16.33733; Principal axes: T Plg68.6182; Azm343.5909; N Plg20.7939; Azm177.6850; P Plg4.7609; Azm85.8726; Fault plane solution: NP1:112.995511, 849.995111, 1.76.95217; NP2:352.73370, 841.73659, 1.105.05663; Principal axes: T Plg79.1789; Azm324.6644; N Plg19.0683; Azm121.383; P Plg14.1913; Azm212.1204; South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, etc.

26d 13h

2015 AUG

1318

Table with columns: SIOC, Southern Illin, 108.75 312, IAMS_20, IAMS_20, 14 55 15.4, WI Miller and, 108.77 320, IAMS_20, IAMS_20, 14 50 08.8, VT1, 108.79 326, IAMS_20, IAMS_20, 14 53 52.3, MYKA Terra Mystica, 108.87 28 eP, PKKPbc, 14 21 08.2 +0.4, N51A Ashland, 108.92 318 IAMS_20 IAMS_20 14 58 26.7, BLO Bloomington, 108.94 314 IAMS_20 IAMS_20 15 00 15.45, F64A Sherman, 108.95 330 IAMS_20 IAMS_20 14 52 01.4, G62A West of Eustis, 108.96 328 IAMS_20 IAMS_20 14 52 50.7, BRTR Keskin Array B, 108.96 45 PP PP 14 10 21.8 -7.9, ABTX Abilene, Hawie, 108.96 301 P PKIKP 14 10 00.4 -0.6, MMNV Mt. Morris Dam, 108.98 322 IAMS_20 IAMS_20 14 52 32.4, WTTA Wattenberg, 108.98 26 eP, PKKPbc, 14 21 08.9 +1.3, RETA Reutte, 108.98 25 eP, PKKPbc, 14 21 08.8 +1.3, O49A Covington, 108.99 316 IAMS_20 IAMS_20 14 56 23.8, F63A Nahmaka, Br, 109.00 329 IAMS_20 IAMS_20 14 52 42.9, WATA Walderalm, 109.03 26 eP, PKKPbc, 14 21 10.0 +2.6, U40A Yellville, 109.09 308 IAMS_20 IAMS_20 14 56 24.25, ERPA Erie, 109.13 320 IAMS_20 IAMS_20 14 56 22.4, KBA Koelbreinsper, 109.22 27 eP, PKKPbc, 14 21 08.9 +2.0, BFO Black Forest, 109.24 23 IAMS_20 IAMS_20 14 51 17.3, F62A Pittston Farm, 109.42 329 IAMS_20 IAMS_20 14 52 39.9, J55A Hilton, 109.42 322 IAMS_20 IAMS_20 14 54 06.1, E63A Oxbow, 109.48 330 IAMS_20 IAMS_20 14 52 26.5, FRNY Flat Rock, 109.50 326 IAMS_20 IAMS_20 14 54 26.1, MGMO Mountain Grove, 109.52 309 IAMS_20 IAMS_20 14 54 21.9, MEDO Medina, 109.54 322 IAMS_20 IAMS_20 14 52 56.3, M50A Fremont, 109.58 118 IAMS_20 IAMS_20 14 52 00.3, P46A Rosedale, 109.59 314 IAMS_20 IAMS_20 14 55 12.6, Q61 Presque Isle, 109.60 331 IAMS_20 IAMS_20 14 51 49.8, LONY Lake Ozonia, 109.61 325 IAMS_20 IAMS_20 14 54 54.0, BATG Bathurst New B, 109.66 332 IAMS_20 IAMS_20 14 54 55.2, Q44A Meyer Farm, Va, 109.69 312 IAMS_20 IAMS_20 14 55 19.2, J54A Appleton, 109.70 322 IAMS_20 IAMS_20 14 53 28.4, STU Stuttgart, 109.84 24 IAMS_20 IAMS_20 14 51 46.3, CCM Cathedral Cave, 109.86 310 IAMS_20 IAMS_20 14 56 16.9, ARSA Arzberg, 109.93 29 eP, PKKPbc, 14 21 04.1 -0.3, E62A Clayton Lake, 109.96 330 IAMS_20 IAMS_20 14 52 43.2, E62A Clayton Lake, 109.96 330 P, PKIKP, 14 10 01.9 -0.5, WLF Walferdange, 110.06 22 IAMS_20 IAMS_20 14 49 40.0, MOA Mollin, 110.17 28 eP, PKKPbc, 14 21 05.2 +1.6, SFIN Lafayette, 110.20 314 IAMS_20 IAMS_20 14 58 20.9, SFIN Lafayette, 110.20 314 P, PKIKP, 14 10 01.9 -1.1, D62A Allappont, All, 110.26 330 IAMS_20 IAMS_20 14 52 51.1, WMOK Wichita Mounta, 110.33 303 P, PKIKP, 14 10 02.7 -0.8, S39A Bolivar, 110.42 309 IAMS_20 IAMS_20 14 57 02.7, R40A Maddies Statio, 110.49 310 IAMS_20 IAMS_20 14 56 50.4, L48A N Adams, 110.56 317 IAMS_20 IAMS_20 14 57 15.2, K50A Casco, 110.63 319 IAMS_20 IAMS_20 14 51 46.1, CONA Conrad Observa, 110.64 29 eP, PKKPbc, 14 21 03.9 +1.8, MNTX Cornudas Mount, 110.91 296 IAMS_20 IAMS_20 14 53 48.9, MNTX Cornudas Mount, 110.91 296 P, PKIKP, 14 10 03.8 -0.8, GE2C GERESS Array S, 110.95 27 IAMS_20 IAMS_20 14 51 46.7, GERES GERESS Array B, 110.95 27 PKIKP PKKPbc, 14 10 03.1 -1.2, GERES GERESS Array B, 110.95 27 PKIKP PKKPbc, 14 21 02.3 +1.2, LMQ La Malbaie, 111.03 329 IAMS_20 IAMS_20 14 53 27.7, CKRC Cesky Krumlov, 111.08 27 ePP eSP PP SP 14 10 47.6 +2.9, GRFO Grafenberg, 111.16 25 IAMS_20 IAMS_20 14 51 13.2, GRA1 Grafenberg Arr, 111.16 25 IAMS_20 IAMS_20 14 51 01.2, KHC Kasperske Hory, 111.19 27 ePKIKP PKIKP 14 10 09.5 +4.8, KHC Kasperske Hory, 111.19 27 eSP MRLR 14 20 17.2 +6.5, KHC Kasperske Hory, 111.19 27 ePKP PKIKP 14 10 09.5 +4.8, KHC Kasperske Hory, 111.19 27 ePKP PKIKP 14 20 17.2 -4.3, KHC Kasperske Hory, 111.19 27 ePKP PKIKP 14 21 01.5 -5.9, SADO Sadowa, 111.20 322 IAMS_20 IAMS_20 14 57 35.0, HDIL Hopedale, 111.21 313 P, PKIKP, 14 10 04.3 -0.6, TIR9 Tigrisour, 111.24 39 IAMS_20 IAMS_20 15 00 03.2, MRLR Muntele Rosu, 111.35 36 PKIKP PKIKP 14 10 02.7 -2.5, MRLR Muntele Rosu, 111.35 36 PKIKP PKIKP 14 10 02.7 -2.5, MRLR Muntele Rosu, 111.35 36 PKIKP PKIKP 14 10 02.7 -2.5, M44A Midewin, Midew, 111.44 314 IAMS_20 IAMS_20 14 58 56.5, CROK Carrier, 111.44 305 IAMS_20 IAMS_20 14 57 22.8, P40A Paris, 111.45 311 IAMS_20 IAMS_20 14 52 24.8, MSTX Muleshoe, 111.53 300 P, PKIKP, 14 10 04.9 -1.1, HOIL Hanson Quarry C, 111.72 315 IAMS_20 IAMS_20 14 58 11.9, I49A Point Hope, 111.72 319 IAMS_20 IAMS_20 14 51 48.0, AMTX Amarillo, 111.78 301 P, PKIKP, 14 10 05.9 -0.5, OK032 Salt Plains WL, 111.79 305 IAMS_20 IAMS_20 14 57 19.1, TREC Trest, 111.81 28 AMS AMS 14 51 10.0, J47A Summer, 111.83 318 IAMS_20 IAMS_20 14 58 15.7, NKC Novy Kostel, 111.95 25 AMS AMS 14 51 40.0, N41A Harden Midland, 111.96 312 IAMS_20 IAMS_20 14 55 53.4, L44A Lake County Fo, 112.06 315 IAMS_20 IAMS_20 14 58 23.1

Table with columns: P38A Dawn, 112.14 310 IAMS_20 IAMS_20 14 59 06.4, PRU Pruhonice, 112.22 27 ePS AMS PS 14 20 33.7 +8.0, PVCC Panska Ves, 112.72 27 AMS AMS 14 51 50.0, 121A Cookes Peak, D, 112.76 295 P, PKIKP, 14 10 08.6 +0.2, MORC Moravsky Berou, 112.78 29 IAMS_20 IAMS_20 14 54 53.6, KRLC Kraikly, 112.86 28 eSP AMS SP 14 20 43.9 +1.8, OKC Ostrava-Krasno, 112.99 29 AMS AMS 14 54 50.0, DPC Dobruska-Pom, 112.99 28 AMS AMS 14 52 40.0, BURAR Buovincina Array, 113.01 35 P PKKPbc PKKPbc 14 20 57.3 +3.0, I45A Fountain, 113.03 317 IAMS_20 IAMS_20 14 59 31.7, UPC Upipe, 113.06 28 ePS AMS PS 14 20 38.6 +5.2, CLL Collin, 113.08 25 ePdif PKIKP 14 06 15.0 +0.5, Y22D IRIS PASSCAL I, 113.59 297 IAMS_20 IAMS_20 14 55 16.9, G45A Suttons Bay, 113.69 318 IAMS_20 IAMS_20 14 53 19.9, OJC Ojcow, 113.78 30 IAMS_20 IAMS_20 14 53 11.2, GNI Garmi, 113.80 52 IAMS_20 IAMS_20 14 53 54.5, I42A Draeger Farm, 113.91 315 IAMS_20 IAMS_20 14 59 39.9, SCIA State Center, 113.93 311 IAMS_20 IAMS_20 14 58 38.4, N35A Tabor, 114.06 309 IAMS_20 IAMS_20 14 57 46.9, TUC Tucson, 114.06 293 IAMS_20 IAMS_20 14 54 24.4, ANMO Albuquerque, 114.08 297 PKKPbc PKKPbc 14 20 51.8 +1.4, ANMO Albuquerque, 114.08 297 PKIKP PKIKP 14 10 11.0 +0.1, ANMO Albuquerque, 114.08 297 IAMS_20 IAMS_20 14 55 37.7, ANMO Albuquerque, 114.08 297 P, PKPdf, 14 10 10.4 -0.4, E46A Sault Ste Mari, 114.35 320 IAMS_20 IAMS_20 14 57 15.5, I40A Norwalk, 114.56 314 IAMS_20 IAMS_20 14 56 41.2, SOC Sochi, 114.61 47 PKIKP PKPdf 14 10 11.2 -0.1, SOC Sochi, 114.61 47 ePPP PPP 14 11 09.2, SOC Sochi, 114.61 47 PKPKab 14 20 52.4 -0.6, SOC Sochi, 114.61 47 eSS SS 14 27 13.7 +1.4, SOC Sochi, 114.61 47 eSSSS SSS 14 31 12.4, N33A I Bar K, Exete, 114.72 307 IAMS_20 IAMS_20 14 58 40.5, 214A Organ Pipe Nat, 114.79 291 IAMS_20 IAMS_20 14 52 45.7, 214A Organ Pipe Nat, 114.79 291 P, PKPdf, 14 10 11.9 -0.2, T25A Trinidad, 114.89 300 P, PKPdf, 14 10 12.1 -0.3, F42A Maple Grove Fa, 115.20 317 IAMS_20 IAMS_20 14 54 47.2, L34A Svendsen Farm, 115.28 309 IAMS_20 IAMS_20 15 00 48.3, E43A Lone Tree Farm, 115.31 318 IAMS_20 IAMS_20 14 59 11.0, X18A Snowflake, 115.44 295 IAMS_20 IAMS_20 14 54 25.7, BGNE Belgrade, 115.57 307 PKPdf 14 10 11.9 -1.4, BGNE Belgrade, 115.57 307 IAMS_20 IAMS_20 14 59 50.1, BGNE Belgrade, 115.57 307 P, PKPdf, 14 10 12.1 -1.2, KSCO Kaye Shedlock, 115.59 303 IAMS_20 IAMS_20 14 59 46.6, I37A Lemond, Wassca, 115.76 312 IAMS_20 IAMS_20 15 00 35.0, W18A Petrified Forest, 115.80 295 IAMS_20 IAMS_20 14 54 51.2, W18A Petrified Fore, 115.80 295 P, PKPdf, 14 10 13.8 -0.4, SDCO Great Sand Dun, 115.89 300 PKPdf 14 10 13.7 -0.7, SDCO Great Sand Dun, 115.89 300 IAMS_20 IAMS_20 14 56 49.6, SDCO Great Sand Dun, 115.89 300 P, PKPdf, 14 10 13.5 -0.8, 113A Mohawk Valley, 115.93 291 IAMS_20 IAMS_20 14 52 27.7, KBZ Khabaz, 116.00 49 PKP PKPdf 14 10 13.4 -0.6, X16A Lo Mia Camp, P, 116.08 293 PKPdf 14 10 14.7 0.0, KIV Kislovodsk, 116.10 48 ePKIKP PKIKP 14 10 15.0 +0.7, KIV Kislovodsk, 116.10 48 ePPP PPP 14 13 49.2, KIV Kislovodsk, 116.10 48 MRLR MRLR 14 10 15.2 -0.7, KIV Kislovodsk, 116.10 48 IAMS_20 IAMS_20 14 56 07.4, RGN Ruger, 116.16 24 IAMS_20 IAMS_20 15 01 38.5, D41A Chassel, 116.47 317 IAMS_20 IAMS_20 15 02 59.5, Y14A Wickelburg, 116.48 292 P, PKPdf, 14 10 15.0 -0.3, S22A AUR Ranch, Cre, 116.52 299 PKPdf 14 10 15.5 -0.1, SPMN Marine on St., 116.53 313 P, PKPdf, 14 10 13.9 -1.1, GLA Glamis, 116.69 290 P, PKPdf, 14 10 15.5 -0.2, Q24A Divide, 116.71 301 P, PKPdf, 14 10 15.2 -0.7, K31A O'Neill, 116.83 308 IAMS_20 IAMS_20 15 01 10.2, ECSD EROS Data Cent, 116.84 310 PKPdf PKPdf 14 10 14.6 -1.0, ECSD EROS Data Cent, 116.84 310 PKPdf PKPdf 14 10 14.7 -0.9, SCHO Schefferville, 116.84 335 PKP PKP 14 10 14.7 -0.6, SCHO Schefferville, 116.84 335 PKKPbc PKKPbc 14 20 40.1 -1.0, SCHO Schefferville, 116.84 335 PKPdf PKPdf 14 10 14.5 -0.8, SCHO Schefferville, 116.84 335 IAMS_20 IAMS_20 14 52 50.1, MVO Mesa Verde, 116.88 297 PKPdf PKPdf 14 10 15.6 -0.6, MVO Mesa Verde, 116.88 297 P, PKPdf, 14 10 16.0 -0.2

Table with columns: OGNE Ogallala, 116.89 304 PKPdf PKPdf 14 10 15.1 -0.8, WUAZ Wupatki, 116.92 294 IAMS_20 IAMS_20 14 10 15.3 -1.0, WUAZ Wupatki, 116.92 294 P, PKPdf, 14 10 16.0 -0.3, RMX La Rumorosa, 116.97 289 PKP PKP 14 10 15.3 -1.1, AKASG Malin Array Be, 116.98 36 PKP PKP 14 10 14.4 -1.2, AKASG Malin Array Be, 116.98 36 PKP PKP 14 10 14.0 -1.6, AKKB Malin Array Si, 116.98 36 PKIKP PKIKP 14 10 14.4 -1.2, AKKB Malin Array Si, 116.98 36 PKP PKP 14 10 14.3 -1.3, IKP In-Ko-Pak, 117.02 289 P, PKPdf, 14 10 16.3 -0.1, CBX Cerro Bola, 117.04 288 P, PKPdf, 14 10 16.1 -0.4, SWSC Sam W. Stewart, 117.10 289 P, PKIKP, 14 10 16.6 +0.1, E38A The Farm, Brul, 117.20 315 IAMS_20 IAMS_20 14 10 14.9 -1.3, E38A Makhachkala, 117.29 52 PKIKP PKIKP 14 10 17.4 +0.9, MAK Makhachkala, 117.29 52 eSS SS 14 11 25.7, MAK Makhachkala, 117.29 52 pmax pmax 14 27 32.9 -2.1, MAK Makhachkala, 117.29 52 MRLR MRLR 14 10 17.0 -0.6, BAR Barrett, 117.33 288 IAMS_20 IAMS_20 14 14 24.0, PDMCI Parker Dam, Lak, 117.34 291 P, PKPdf, 14 10 16.5 -0.4, F36A Milaca, 117.34 313 PKPdf PKPdf 14 10 15.3 -1.2, MONP2 Monument Peak, 117.37 289 P, PKIKP, 14 10 17.4 +0.2, BC3 Big Chuckawall, 117.48 290 P, PKPdf, 14 10 17.3 0.0, ISCO Idaho Springs, 117.59 301 PKIKP PKIKP 14 10 16.9 -0.7, ISCO Idaho Springs, 117.59 301 IAMS_20 IAMS_20 15 01 39.7, ISCO Idaho Springs, 117.59 301 P, PKPdf, 14 10 17.0 -0.6, GOET G?7trup, 117.64 21 P, PKIKP, 14 10 29.0 +1.2, PV11 Paradox Valley, 117.65 298 P, PKIKP, 14 10 17.8 +0.2, 109C Camp Elliot, M, 117.72 288 P, PKIKP, 14 10 17.8 +0.2, IRM Iron Mountain, 117.73 290 P, PKPdf, 14 10 17.7 0.0, SMO Snowmass, 117.73 300 PKPdf PKPdf 14 10 17.6 -0.4, PV15 Paradox Valley, 117.77 298 IAMS_20 IAMS_20 14 58 52.3, PV15 Paradox Valley, 117.77 298 IAMS_20 IAMS_20 14 58 52.3, PV02 Paradox Valley, 117.79 298 PKPdf PKPdf 14 10 17.3 -0.6, PV13 Radium Mtn., P, 117.79 298 PKPdf PKPdf 14 10 17.2 -0.7, W13A Hualapai Mount, 117.84 292 PKIKP PKIKP 14 10 17.9 -0.2, PV05 Paradox Valley, 117.85 298 PKP PKP 14 10 17.8 +0.1, PV03 Paradox Valley, 117.85 298 PKP PKP 14 10 17.4 -0.6, PV12 Sain Mesa, Pa, 117.90 298 PKP PKP 14 10 17.5 -0.6, PV18 Skuer Basin, 117.91 298 PKP PKP 14 10 17.8 -0.4, PV11 David Mesa, Pa, 117.92 298 PKP PKP 14 10 17.7 -0.5, PV07 Paradox Valley, 117.93 298 PKP PKP 14 10 17.3 -0.9, PV17 Saut Valley Mesa, 117.95 298 PKP PKP 14 10 17.7 -0.5, TPFO Pinon Flats, 117.95 289 P, PKIKP, 14 10 18.4 +0.1, PV16 Nyswonger Mesa, 117.96 298 PKPdf PKPdf 14 10 17.8 -0.4, PFO Pinyon Flats O, 117.96 289 PKIKP PKIKP 14 10 17.8 -0.5, PFO Pinyon Flats O, 117.96 289 PKP PKP 14 10 17.8 -0.5, PFO Pinyon Flats O, 117.96 289 PKP PKP 14 10 18.4 +0.1, PV19 Morning Glory, 117.99 298 PKP PKP 14 10 17.5 -0.8, PV20 West Nyswonger, 118.00 298 PKP PKP 14 10 17.3 -1.0, PV04 Paradox Valley, 118.02 298 PKP PKP 14 10 17.6 -0.7, BELC Belle Mtn, Jos, 118.03 290 P, PKIKP, 14 10 18.6 +0.2, PV14 Lion Creek, Pa, 118.06 298 PKP PKP 14 10 17.6 -0.9, PV10 Paradox Valley, 118.07 298 PKP PKP 14 10 17.7 -0.8, U12A Blue Mesa, Par, 118.07 298 PKP PKP 14 10 17.3 -1.2, U15A North Rim, 118.10 294 IAMS_20 IAMS_20 14 55 13.2, PV23 Carpenter Ridg, 118.11 298 PKPdf PKPdf 14 10 17.5 -1.1, PV21 Cone Mtn., Par, 118.16 298 PKP PKP 14 10 17.9 -0.8, EYMN Ely, 118.29 316 IAMS_20 IAMS_20 15 01 17.9, EYMN Ely, 118.29 316 P, PKPdf, 14 10 17.1 -1.2, EYMN Ely, 118.29 316 P, PKPdf, 14 10 17.8 -0.8, F30A 5 Mile Ranch, 118.43 311 PKP PKP 14 10 17.5 -1.1, F33A Granite Mounta, 118.48 291 P, PKPdf, 15 02 28.6, SC12 San Clemente I, 118.53 287 P, PKIKP, 14 10 19.3 +0.1, N23A Red Fisher La, 118.62 302 P, PKIKP, 14 10 19.0 -0.5, BBRC Big Bear Solar, 118.71 289 P, PKIKP, 14 10 19.9 0.0, PHWY Pilot Hill, 118.72 302 P, PKPdf, 14 10 18.5 -1.2, CIS Catalina Islan, 118.80 288 P, PKIKP, 14 10 19.9 +0.1, KNB Kanab, 118.82 294 PKIKP PKIKP 14 10 19.3 -0.6, KNB Kanab, 118.82 294 PKP PKP 14 10 19.3 -0.6, HEC Hector, Ludlow, 118.86 290 PKIKP PKIKP 14 10 20.2 +0.2, PKCU Pink Cliffs, 118.91 295 PKP PKP 14 10 19.1 -1.2, SJL Sorong, 118.95 154 PKP PKP 14 10 20.0 -0.7, SWJ Sorong, 118.95 154 PKP PKP 14 10 21.1 +0.4, LMT Little Creek M, 119.03 294 PKP PKP 14 10 19.5 -0.7, BFSC Mount Baldy Ra, 119.07 289 P, PKP, 14 10 20.1 -0.3, O20A White River Ci, 119.08 300 P, PKPdf, 14 10 19.5 -0.8, O20A White River Ci, 119.08 300 P, PKPdf, 14 10 19.9 -0.4, TQ0 Turquoise Moun, 119.13 291 P, PKIKP, 14 10 20.6 +0.1, SNCC San Nicolas Is, 119.25 287 P, PKIKP, 14 10 20.8 +0.1, MWC Mount Wilson, 119.26 288 PKIKP PKIKP 14 10 20.5 -0.3, MWC Mount Wilson, 119.26 288 PKP PKP 14 10 20.5 -0.3, MTPU Mount Pierson, 119.32 295 PKP PKP 14 10 20.9 -0.2, SRU San Rafael Swe, 119.36 297 PKP PKP 14 10 19.9 -1.0, SRU San Rafael Swe, 119.36 297 PKP PKP 14 10 19.9 -1.0, ZCU Zeefer Canyon, 119.41 288 P, PKIKP, 14 10 21.0 +0.1, DECC Green Erdugo, 119.42 288 P, PKIKP, 14 10 21.1 -0.1, GSC Goldstone, Bar, 119.47 290 PKIKP PKIKP 14 10 21.1 0.0, GSC Goldstone, Bar, 119.47 290 PKP PKP 14 10 21.0 0.0, GSC Goldstone, Bar, 119.47 290 PKP PKP 14 10 21.0 0.0, B35A Bob, Littlefor, 119.48 315 IAMS_20 IAMS_20 15 00 00.2, CCUT Cedar City, 119.51 294 PKP PKP 14 10 21.6 +0.2, Q16A Castle Valle, 119.52 297 PKP PKP 14 10 20.9 -0.3, SHRP Sheep Range, 119.58 292 PKP PKP 14 10 21.2 -0.1, PABE Pabezer, 119.65 30 IAMS_20 IAMS_20 14 58 00.3, MSU Marysval, 119.68 296 PKIKP PKIKP 14 10 21.6 0.0, MSU Marysval, 119.68 296 PKP PKP 14 10 21.6 0.0, MVU Marysval, 119.69 296 PKP PKP 14 10 21.9 +0.2, EDW Edwards Air Fo, 119.74 289 P, PKIKP, 14 10 21.6 +0.1, P17A Butcher Ranch, 119.74 297 PKP PKP 14 10 20.9 -0.6, RWVY Rawlins, 119.83 301 PKP PKP 14 10 20.1 -1.7, RWVY Rawlins, 119.83 301 IAMS_20 IAMS_20 14 58 20.8, TMUT Trail Mountain, 119.83 297 PKP PKP 14 10 21.5 -0.4, MINK Minsk, 119.87 33 PKIKP PKIKP 14 11 43.8 -1.1, MINK Minsk, 119.87 33 PPP PPP 14 14 19.3, MINK Minsk, 119.87 33 PPP PPP 14 17 30.4, MINK Minsk, 119.87 33 PS PS 14 21 35.4 +0.3, MINK Minsk, 119.87 33 SSS SSS 14 28 11.4 +3.3, MINK Minsk, 119.87 33 SSS SSS 14 32 37.5

Table with columns: QIZ, comp-Z, elevation, date, time, and status. Includes entries like Swissme, COR Corvallis, AAK Ala-Archa, etc.

Table with columns: CD2, Chengdu, 136.54 106, PKP, PKPdf, 14 10 53.5 -0.1, etc. Includes entries like Makanchi Array, Kurchatov Ar, etc.

Table with columns: DAWY Dawson, 148.33 310, PKPbc, PKPbc, 14 11 16.2 -0.7, etc. Includes entries like Juniper Island, Waxed Ridge, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PINNC Pines Island, HNR Honiara, HNR Honsu, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like AKASG Malin Array Be, GERES GRESS Array B, MURI Monte Urbano, etc.

IDC 26 16:00:53.4+5.8, 3.58S-148.20E, h0km, mb3.4/2, mb1 3.8/2, mb1mx3.4/3, mbtimp3.5/2, MS3.5/1, Ms1 3.5/1, ms1mx2.8/2.4, Error ellipse: s-maj=242.9km s-min=52.0km az=108.0, Bismark Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 26 16:10:10.6+1.6, 3.07S-130.77E, h0km, mb3.3/2, mb1 4.2/1, ms1mx3.2/4, mbtimp3.2/4, ML2.6/2, MS4.2/1, s-maj=24.2km az=85.0, Seram

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SIJI Sorong, SIJI Warramunga Arr, ASAR Alice Springs, etc.

NOU 26 16:18:10.5, 97.33S-176.62E, h223km, ML3.8/7, North Island, New Zealand

WEL 26 16:18:20.9, 38°S, 167°16'E, h140km, 12km, M2.8/82, ML1.9/8, MLV2.8/82, Error ellipse: s-maj=0.0km s-min=0.0km az=111.4, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like HRRZ Hancock Road, HRRZ Highlands Stat, HRRZ Republican Roa, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TUWZ Tuamarina, QRZ Quartz Range, BSWZ Blackbirch Sta, etc.

WEL 26 16:25:34.1+0.5, 32°S, 157°19'W, h154km, 11km, M4.2/43, mb4.7/19, ML4.9/37, MLV4.8/43, Mw(mb)4.0/19, Error ellipse: s-maj=0.0km s-min=0.0km az=109.9, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like GLKZ Green Lake, GLKZ Matakaoa Point, MXZ MXZ, etc.

IDC 26 16:36:45.4+10.0, 13.39N-92.30E, h0km, mb3.4/3, mb1 3.4/3, mb1mx3.2/4, mbtimp3.4/3, Error ellipse: s-maj=574.1km s-min=29.2km az=63.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, ASAR Alice Springs, etc.

SOME 26 17:02:39.8, 41°13'N-83°28'E, h25km, h0km, mb3.8, mpv3.4, INC 26 17:02:43.0, 2.3, 4.1, 1.9N-82.92E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=13.6km s-min=13.6km az=11.0, N-34°18', 1C-1D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, ASAR Alice Springs, etc.

26d 19h

Table with columns: Call Sign, Frequency, Mode, Power, Status, Name, Location, and other technical details. Includes stations like ITAN, JORH, MOKO, LSA, SHL, GTK, CMAR, WMQ, SONM, MK31, MAZK, AAK, BTk, GAR, KBL, KK31, KARB, TIXI, SOEI, AKASG, AKASG, AKBB, FINES, MLR, MLR, BURAR, BUR08, SUW, KWP, HFS, KRLO, DPC, WB0, NCS02, WRA, W2B, W2B, NOA, PRU, CKRC, GERES, GERES, KHC, AS31, ASAR, ASAR, DAVOX, BMAR, SUMG, NEA2, ILAR, STKA, STKA, KLU, KLU, BCAR, TORD, TORD, TORD, QSPA.

2015 AUG

NEIC 26 18:29:45.0, 1.9, 13.0N, 0.1, 90.21W, 0.03, h74km, 18km, mb4.0/6, Md4.2(SNET), Error ellipse: s-maj=15.1km s-min=3.4km az=193.0

GCG 26 18:29:59.0, 0.5, 14.95N, 90.83W, h51km, 26km, MD4.0, ISC 26 18:29:41.8, 1.9, 12.87N, 0.07, 90.34W, 0.05, h12km, 10km, n77, c128/82, mb4.1/5, 2D, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, and other technical details. Includes stations like JAYA, JAYA, JAYA, CEVE, CEVE, SBLs, SBLs, SNUE, SNUE, RTR, SLOZ, SLOZ, CEDA, CEDA, BOOS, BOOS, BOOS, SNET, SNET, SNET, UUES, UUES, UUES, LFRS, LFRS, LFRS, TACO, TACO, TACO, SJTE, SJTE, SJTE, LBRS, LBRS, LBRS, COEG, COEG, COEG, COEG, FUG, FUG, FUG, TECO, TECO, TECO, NGB, NGB, NGB, MTO3, MTO3, MTO3, MTO3, MTO3, COEB, COEB, COEB, COEB, POS, POS, POS, POS, TECA, TECA, TECA, MIR, MIR, MIR, MRL, MRL, MRL, LCND, LCND, LCND, LHCH, LHCH, LHCH, TGLH, TGLH, TGLH, CRIN, CRIN, CRIN, CNGN, CNGN, CNGN, CCIG, CCIG, CCIG, PETIF, PETIF, PETIF, ACON, ACON, ACON, ORTG, ORTG, ORTG, DUNO, DUNO, DUNO, JTS, JTS, JTS, CMIG, CMIG, CMIG, CMIG, JACO, JACO, JACO, RIMA, RIMA, RIMA, SRBA, SRBA, SRBA, DRKO, DRKO, DRKO, TX31, TX31, TX31, TX32, TX32, TX32, TXAR, TXAR, TXAR, TXAR, W39A, W39A, W39A, W52A, W52A, W52A, MNTX, MNTX, MNTX, TKL, TKL, TKL, 319A, 319A, 319A, YKA, YKA, YKA, CMAR, CMAR, CMAR, IDC 26 19:06:10.7, 1.1, 27.74N, 85.49E, h0km, mb3.9/9, mb1.4/0.1, mb1mx3.7/4.0, mbtmp3.9/11, ML4.1/2, Error ellipse: s-maj=36.1km s-min=18.0km az=63.0, ISC 26 19:06:15.6, 0.8, 27.73N, 0.1, 10.85, 4E, 0.1, h35km, n14, c0577/14, mb3.9/9, Nepal

1326

Table with columns: Call Sign, Frequency, Mode, Power, Status, Name, Location, and other technical details. Includes stations like TORD, IDC, Vnda, LPaz, TORD, ILAR, JMA, EHP, ETL, ETL, NACB, NACB, TWD, TWD, ENA, ENA, EWUT, EWUT, HWA, HWA, ETLH, ETLH, ETLH, ETM, ETM, ETM, TEYL, TEYL, TWC, TWC, TWC, NDS, NDS, NDS, NNS, NNS, NNS, NDT, NDT, NDT, WHF, WHF, WHF, WHF, ESL, ESL, ESL, FUSS, FUSS, FUSS, TWE, TWE, TWE, ILA, ILA, ILA, TWT, TWT, TWT, CHGB, CHGB, CHGB, TDCB, TDCB, TDCB, YHNB, YHNB, YHNB, OWD, OWD, OWD, EGFH, EGFH, EGFH, NTC, NTC, NTC, TIPB, TIPB, TIPB, HGSd, HGSd, HGSd, WHP, WHP, WHP, WPL, WPL, WPL, NHDH, NHDH, NHDH, NHDH, TWA, TWA, TWA, DPDB, DPDB, DPDB, DPDB, EHY, EHY, EHY, WCS, WCS, WCS, WCS.

Table with columns: TATO, Taipei, 0.82 340 eP, Pg, 19 18 51.7 +0.3, etc. Lists various stations and their coordinates.

Table with columns: TPUB, Ta-pu, 1.39 230 eP, Pb, 19 19 01.4 +0.2, etc. Lists various stations and their coordinates.

Table with columns: CMAR, Chiang Mai Arr, 21.27 286 P, P, 19 19 34.5 +0.8, etc. Lists various stations and their coordinates.

1335

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like PVAQ, W45A, and GOGA.

2019 AUG

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like WWT, WVT, and NBNP.

26d 21h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BNI, KSU1, and NANO1.

MNK	comp=N,11nm,1.6s	iP	P	22 06 31.4	-0.6	
MNK	comp-Z,35nm,1.0s,baz=94	iP	P	22 06 31.4	-0.6	
MNK		iPcP	PcP	22 07 22.4	-0.3	
MNK		iPP	PP	22 08 40.4	-0.6	
MNK		iPPP	PPP	22 09 58.7		
MNK		iS	S	22 14 37.0	+3.1	
MNK		iSS	SS	22 18 27.4	+1.7	
MNK		iSSS	SSS	22 20 59.1		
MNK		iLO	LO	22 27 27.6		
MNK		iLR	LR	22 31 53.7		
MNK		iLRM	MLR	22 33 48.9		
MNK	comp=N,58nm,18.2s	iLRM	MLR	22 34 06.8		
MNK	comp=E,23nm,19.1s	iLRM	MLR	22 34 06.8		
MNK	comp-Z,418nm,27.4s	iLRM	MLR	22 34 06.8		
VRI	Vrincioiaia	58.42 51	iP	P	22 06 32.7	+0.2
VRI	Vrincioiaia	58.42 51	iP	P	22 06 32.7	+0.2
KEV	Kevo	58.53 23	pmax	pmax	22 06 32.7	-0.1
KEV	comp-Z,83nm,2.0s					
KEV	Kevo	58.53 23	P	P	22 06 32.7	-0.1
AC02	Marcungua	58.55 206	IaMb	IaMb	22 06 34.2	+0.2
AC02					22 06 41.5	
214A	Organ Pipe Nat	58.77 293	P	P	22 06 36.0	+0.7
214A	Elko	58.83 303	P	P	22 06 35.9	+0.1
ELK	comp-Z,21nm,1.3s					
ELK	Elko	58.83 303	P	P	22 06 35.9	+0.1
ELK			IaMb	IaMb	22 06 44.2	
NEW	Newport	59.05 312	P	P	22 06 37.1	+0.3
NEW	comp-Z,56nm,1.3s					
NEW	Newport	59.05 312	P	P	22 06 37.1	+0.3
NEW			P	P	22 06 36.9	+0.1
PLTB	Pedras Altas	59.09 189	eP	P	22 06 37.6	+0.4
PDMCI	Parker Dam,Lak	59.30 296	P	P	22 06 39.4	+0.7
AKASG	Malin Array Be	59.50 45	P	P	22 06 38.5	-1.4
AKBB	Malin Array Si	59.50 45	P	P	22 06 39.1	-0.8
AKBB	comp-Z,11nm,0.9s					
AKBB	Malin Array Si	59.50 45	P	P	22 06 39.1	-0.8
AKBB			P	P	22 06 40.4	-0.3
NEE2	Needles Airpor	59.57 296	P	P	22 06 41.3	+0.6
BMO	Blue Mountains	59.65 308	P	P	22 06 41.0	-0.1
BMO	Blue Mountains	59.65 308	P	P	22 06 41.0	-0.1
BMO	comp-Z,21nm,1.4s					
BMO	Blue Mountains	59.65 308	P	P	22 06 41.0	-0.1
BMO			IaMb	IaMb	22 06 54.6	
MLM	Milestii Micr	59.70 50	iP	P	22 06 40.8	-0.5
IRM	Iron Mountain	60.14 296	P	P	22 06 45.5	+0.9
GLA	Glamis	60.15 294	P	P	22 06 45.0	+0.3
GLA	comp-Z,37nm,1.4s					
GLA	Glamis	60.15 294	P	P	22 06 45.0	+0.3
GLA			IaMb	IaMb	22 06 54.2	
GLA	Glamis	60.15 294	P	P	22 06 44.5	-0.2
TPNV	Topopah Spring	60.37 299	P	P	22 06 46.5	+0.2
GMRC	Granite Mounta	60.40 296	P	P	22 06 47.0	+0.5
TUQ	Turquoise Moun	60.46 297	P	P	22 06 47.8	+0.9
BC3	Big Chuckawall	60.51 295	P	P	22 06 47.8	+0.5
SHOC	Shoshone, Teco	60.63 298	P	P	22 06 48.0	+0.1
APA	Apatity	60.73 25	iP	P	22 06 54.3	+6.3
APA	comp-Z,8.0nm,1.0s					
APA			MLR	MLR		
J08A	Circle Bar Ran	60.73 307	P	P	22 06 48.9	+0.3
BELC	Belle Mtn. Jos	60.87 296	P	P	22 06 49.2	-0.5
HEC	Hector,Ludlow	60.93 297	P	P	22 06 50.0	-0.1
HAWA	Hanford	60.94 310	P	P	22 06 50.0	+0.1
FURC	Furnace Creek,	60.96 299	P	P	22 06 50.5	+0.4
SWSC	Sam W. Stewart	60.97 294	P	P	22 06 50.1	-0.1
GSC	Goldstone, Bar	61.19 297	P	P	22 06 52.6	+0.7
GSC	comp-Z,16nm,1.4s					
GSC	Goldstone, Bar	61.19 297	P	P	22 06 52.6	+0.7
GSC	Goldstone, Bar	61.19 297	P	P	22 06 52.5	+0.6
GRAC	Grapevine Rang	61.23 299	P	P	22 06 52.4	+0.4
RMX	La Rumorosa	61.29 294	P	P	22 06 52.9	+0.3
RMX	comp-Z,36nm,1.4s					
F07A	Phinny Hill Vi	61.30 310	P	P	22 06 52.8	+0.6
IKP	In-Ko-Pah, Jac	61.30 294	P	P	22 06 52.5	-0.2
KVN	Kaiserville	61.33 302	P	P	22 06 52.9	+0.1
KVN	comp-Z,28nm,1.6s					
KVN	Kaiserville	61.33 302	P	P	22 06 52.9	+0.1
KVN			IaMb	IaMb	22 07 01.2	
TPFO	Pinon Flats	61.33 295	P	P	22 06 53.6	+0.7
PFO	Pinyon Flats O	61.34 295	P	P	22 06 54.3	+1.4
PFO	comp-Z,2.4nm,0.9s,baz=84,slow=5.8,SNR=5.7					
PFO	Pinyon Flats O	61.34 295	P	P	22 06 55.7	+2.8
PFO	Pinyon Flats O	61.34 295	P	P	22 06 53.1	+0.2
PFO			IaMb	IaMb	22 07 02.3	
PFO	comp-Z,43nm,1.7s					
PFO	Pinyon Flats O	61.34 295	P	P	22 06 53.7	+0.8
MONP2	Monument Peak	61.49 294	P	P	22 06 54.3	+0.3
NV11	Mina Array Sit	61.51 301	P	P	22 06 54.1	+0.1
NV11	Mina Array Bea	61.62 301	P	P	22 06 55.5	+0.7
NV11	comp-Z,1.1nm,0.5s,baz=72,slow=7.5,SNR=5.6					
NV11	Mina Array Bea	61.62 301	P	P	22 06 55.0	+0.1
NV11	Laurel Mtn Rad	61.84 298	P	P	22 06 55.9	-0.4
CWC	Cottonwood Cre	61.92 299	P	P	22 06 56.8	-0.1
MURC	Murrieta	61.93 295	P	P	22 06 56.2	-0.6
109C	Camp Elliot, M	62.05 295	P	P	22 06 57.6	+0.1
BFSC	Mount Baldy Ra	62.14 296	P	P	22 06 57.5	-0.8
PAHR	Pat Rah Range	62.15 303	P	P	22 06 58.2	-0.1
EDW2	Edwards Air Fo	62.24 297	P	P	22 06 58.8	0.0
B05A	Bryant	62.33 313	P	P	22 06 57.7	-1.4
MOD	Mocdoc Plateau	62.34 305	P	P	22 06 59.9	+0.3
F05D	White Salmon	62.35 310	P	P	22 06 59.3	0.0
G05D	Wamic, OR	62.38 309	P	P	22 06 59.1	-0.5
ISA	Isabella, Lake	62.42 298	P	P	22 07 00.8	+0.7
ISA	comp-Z,24nm,1.2s					
ISA	Isabella, Lake	62.42 298	P	P	22 07 00.8	+0.7
ISA			IaMb	IaMb	22 07 09.8	
ISA	Isabella, Lake	62.42 298	P	P	22 07 00.3	+0.2
ELL	Elmali	62.51 61	P	P	22 07 01.2	+0.5
ELL	comp-Z,86nm,1.2s					
ELL	Elmali	62.51 61	P	P	22 07 01.2	+0.5
105D	Terrebonne, OR	62.57 308	P	P	22 07 01.6	+0.6

A04D	Lummi Island	62.65 313	P	P	22 07 01.7	+0.5
J05D	Fort Rock, OR	62.72 307	P	P	22 07 02.7	+0.6
ARVC	Arvi	62.84 298	P	P	22 07 03.7	+0.9
YES	Vestal, Richgr	62.85 298	P	P	22 07 02.7	-0.2
CIS	Catalina Islan	62.97 296	P	P	22 07 04.5	+0.8
E04D	Cinebar	62.97 311	P	P	22 07 02.0	-1.5
OBN	Obninsk	63.30 39	eP	P	22 07 05.5	0.0
OBN			e		22 07 04.1	-0.1
OBN			e		22 09 24.8	
OBN	comp-Z,19nm,1.3s					
OBN	Obninsk	63.30 39	P	P	22 07 05.1	-0.4
J04D	Umquq Nationa	63.35 307	P	P	22 07 05.7	-0.6
I04A	Tendick Farm,	63.44 308	P	P	22 07 06.2	-0.5
M04C	Macdoel	63.49 305	P	P	22 07 07.4	+0.2
H04D	Lebanon	63.51 309	P	P	22 07 06.6	-0.5
NLWA	Neilton Lookou	63.67 312	P	P	22 07 08.7	+0.5
PKM	McPherson Peak	63.68 297	P	P	22 07 09.2	+0.6
G03D	McMinnville, O	63.73 309	P	P	22 07 07.3	-1.2
L04D	Klamath Falls	63.73 306	P	P	22 07 07.8	-1.0
ORV	Oroville	63.77 303	P	P	22 07 09.2	+0.3
ORV	comp-Z,37nm,1.3s					
ORV	Oroville	63.77 303	P	P	22 07 09.2	+0.3
MOS	Moscow	63.79 39	eP	P	22 07 07.1	-1.5
O03E	Paynes Creek	63.82 304	P	P	22 07 09.0	-0.3
KLMR	Klimovskoe	63.93 33	eP	pmax	22 07 07.3	-2.2
KLMR	comp-Z,32nm,1.4s					
KLMR	Klimovskoe	63.93 33	eP	AMP	22 07 07.4	-2.1
KLMR					22 07 16.1	
I03D	Dra OR	64.13 308	P	P	22 07 10.5	-0.7
WDC	Whiskeytown Da	64.29 304	P	P	22 07 12.8	+0.5
WDC	comp-Z,12nm,1.3s					
WDC	Whiskeytown Da	64.29 304	P	P	22 07 12.8	+0.5
N02D	Trinity Center	64.32 305	P	P	22 07 10.9	-1.7
M02C	Callahan	64.32 305	P	P	22 07 11.5	-1.1
I02D	Swisshome	64.38 308	P	P	22 07 11.9	-0.9
VA03	San Esteban	64.41 204	P	P	22 07 14.3	+1.2
O02D	Mt. Diablo Mer	64.58 304	P	P	22 07 12.8	-1.5
K02D	Williamette Mer	64.59 307	P	P	22 07 13.3	-1.0
BR131	Keskin Array S	64.60 57	P	pmax	22 07 13.7	-0.8
BR131	comp-Z,19nm,1.1s					
BR131	Keskin Array S	64.60 57	P	P	22 07 13.7	-0.8
BR131			IaMb	IaMb	22 07 21.7	
BRTR	comp-Z,19nm,1.1s					
BRTR	Keskin Array B	64.60 57	P	P	22 07 14.8	+0.2
BRTR	Keskin Array B	64.60 57	P	P	22 07 13.9	-0.6
BRTR	Keskin Array B	64.60 57	P	P	22 07 13.9	-0.6
J01E	Myrtle Point	64.67 307	P	P	22 07 14.1	-0.6
L02E	Cave Junction	64.68 306	P	P	22 07 13.7	-1.2
INK	Inuvik	64.84 336	P	P	22 07 15.2	-0.1
INK	comp-Z,16nm,1.2s,baz=60,slow=5.4,SNR=7.0					
INK	Inuvik	64.84 336	P	P	22 07 14.9	-0.4
INK	comp-Z,25nm,1.1s					
INK	Inuvik	64.84 336	P	IaMb	22 07 14.9	-0.4
INK			IaMb	IaMb	22 07 22.7	
INK	comp-Z,25nm,1.1s					
INK	Inuvik	64.84 336	P	P	22 07 15.9	+0.6
KHMM	Horse Mountain	65.09 305	P	IaMb	22 07 17.5	-0.2
KHMM	comp-Z,19nm,1.2s					
HOPS	Hopland Field	65.10 303	P	P	22 07 17.7	+0.1
DLBC	Dease Lake	65.10 325	P	P	22 07 17.3	-0.1
KBO	Bosley Butte	65.11 306	P	P	22 07 18.2	+0.5
MT09	Talagante	65.48 203	eP	P	22 07 20	

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like P19K, SVW2, KDAK, etc.

IDC 26 21:58:19.5, 0.7, 27.03N, 44.66W, h0km, mb4.2/13, mb1.4/3/13, mb1mx3.9/66, mbmp4.2/13, Error ellipse: s-maj=24.6km s-min=17.5km az=104.0

NEIC 26 21:58:21.1, 1.4, 27.0N, 0.1:44.52W, 0.09, h10km, 1km, mb4.7/31, Error ellipse: s-maj=22.6km s-min=3.8km az=145.0

ISC 26 21:58:21.8, 0.5, 27.04N, 0.09:44.53W, 0.09, h16km, n48, 0.96/45, mb4.5/25, Northern Mid-Atlantic Ridge

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Lac du Bonnet, H10N2, H10N3, etc.

IDC 26 21:59:58.0, 0.4, 27.04N, 44.41W, h0km, mb4.3/33, mb1.4/4/33, mb1mx3.3/63, mbmp4.3/33, MS4.0/1, Ms1.4/0.1, ms1mx3.2/42, Error ellipse: s-maj=14.0km s-min=11.4km az=121.0

NEIC 26 22:00:01.0, 1.0, 27.05N, 0.09:44.4W, 0.1, h10km, 1km, mb4.9/118, Error ellipse: s-maj=17.4km s-min=15.3km az=117.0

ISC 26 22:00:01.5, 0.3, 27.01N, 0.07:44.47W, 0.07, h16km, n213, 0.89/218, mb4.8/98, MS4.1/3, 6C-4D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Monte Pirata, Canovans, Col San Antoni, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like U38A, BNI, L34A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BUR08 Bucovina Ar. S, BURAR Bucovina Array, YKA Yellowknife Ar., etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WMQ Chengdu, CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like HCB Kahramanmara, HCB Kahramanmara, KHMN Nari-Kahraman, etc.

VAM VAM	Vamos	1.53 311	P	Pn	00 25 34.6 +1.2
VAM	comp=N,24246um,0.4s		AML	AML	00 26 07.2
IMMV	comp=E,32448um,0.5s		AML	AML	00 26 15.0
IMMV	Iera Moni Meta	1.70 309	P	Pn	00 25 37.0 +1.2
IMMV	Iera Moni Meta	1.70 309	P	Pn	00 25 37.6 +1.2
IMMV	comp=N,35217um,0.6s		AML	AML	00 26 10.6
IMMV	comp=E,26992um,0.8s		AML	AML	00 26 20.5
IMMV	Iera Moni Meta	1.70 309	PN	Pn	00 25 36.9 +1.2
KARP	Karpathos	1.71 48	P	Pn	00 25 38.1 +2.2
KARP	Karpathos	1.71 48	P	Pn	00 25 37.6 +1.6
KARP	comp=N,15686um,0.6s		AML	AML	00 26 21.4
KARP	comp=E,29500um,0.9s		AML	AML	00 26 23.1
KARP	Karpathos	1.71 48	PN	Pn	00 25 36.8 +0.9
KARP	Karpathos	1.71 48	SN	Pn	00 25 37.4 +0.7
KARP	Karpathos	1.71 48	P	Pn	00 25 37.0 +1.1
KARP	Karpathos	1.71 48	↑P	Pn	00 25 36.1 +0.2
KARP	comp=E,16nm,1.1s		AML	AML	00 26 15.9
KARP	comp=E,30nm,0.9s		AML	AML	00 26 22.7
KNDR	Palaiochora Ch	1.79 298	P	Pn	00 25 38.3 +1.4
KNDR	Palaiochora Ch	1.79 298	PN	Pn	00 25 38.3 +1.4
SANT	Santorini	1.97 357	P	Pn	00 25 39.9 +0.4
SANT	Santorini	1.97 357	PN	Pn	00 25 38.5 +0.6
SANT	Santorini	1.97 357	PN	Pn	00 25 39.7 +0.2
SANT	Santorini	1.97 357	PN	Pn	00 25 39.4 -0.1
TH2	Imerovigli	2.03 356	PN	Pn	00 25 40.7 +0.4
ANKY	Antikythira Is	2.39 308	P	Pn	00 25 46.6 +1.4
NISR	Nisiros	2.53 29	P	Pn	00 25 48.2 +1.1
NIS1	Nisyros Is	2.54 30	P	Pn	00 25 47.1 +0.8
KOSK	Kos Island	2.60 25	PN	Pn	00 25 48.8 +0.8
APE	Apeiranthos	2.66 359	↑P	Pn	00 25 50.0 +1.1
APE	Apeiranthos	2.66 359	PN	Pn	00 25 49.7 +0.7
APE	Apeiranthos	2.66 359	↑P	Pn	00 25 49.4 +0.4
ARG	Arkhangelos	2.74 48	P	Pn	00 25 51.6 +1.5
ARG	Arkhangelos	2.74 48	PN	Pn	00 25 51.0 +1.0
ARG	Arkhangelos	2.74 48	↑P	Pn	00 25 51.0 +1.0
ARG	Arkhangelos	2.74 48	↑P	Pn	00 26 23.7 +1.7
KTHA	Kythira Island	2.78 312	S	Sn	00 25 51.2 +0.6
DAT	Dafca	2.82 34	PN	Pn	00 25 51.8 +0.5
SLUM	Salum	2.92 187	P	Pn	00 25 53.2 +0.8
SLUM	baz=189		S	Sn	00 26 00.0
SLUM	baz=189		S	Sn	00 26 25.8 -0.6
BODT	Bodrum	3.00 27	PN	Pn	00 25 54.3 +0.8
MRSB	Marmaris-Mugla	3.13 42	PN	Pn	00 25 56.4 +1.0
TURN	Turunc	3.20 41	PN	Pn	00 25 56.9 +0.6
MLSB	Milas	3.38 31	PN	Pn	00 25 59.8 +0.9
DALY	Dalyan (Mula)	3.46 45	i/S	Sn	00 26 01.1 +1.3
DALY			i/S	Sn	00 26 39.6 +0.1
DALY			IAML		00 27 18.0
DALY	comp=E,682nm,1.4s		IAML		00 27 21.0
DALY	Dalyan (Mula)	3.46 45	PN	Pn	00 26 01.0 +1.1
YER	Yerkesik	3.49 38	PN	Pn	00 26 01.4 +1.1
GCAM	G?zelcaml?	3.55 21	PN	Pn	00 26 02.1 +1.1
MULA	Mugla, Merkez-	3.60 37	i/P	Pn	00 26 03.2 +1.3
MULA	comp=N,410nm,1.5s		IAML		00 27 06.0
MULA			IAML		00 27 17.0
FETY	Fethiye	3.61 51	PN	Pn	00 26 02.2 +0.3
KSL	Kastellorizon	3.69 61	↑P	Pn	00 26 03.0 0.0
KSL			S	Sn	00 26 47.9 +2.6
KSL			AML	AML	00 26 48.1
KSL	comp=E,2.7nm,0.6s		AML	AML	00 26 48.1
KSL	comp=E,2.7nm,0.6s		AML	AML	00 26 48.1
KSL	comp=E,2.0nm,1.8s		AML	AML	00 27 33.8
KSL	comp=E,2.0nm,1.8s		AML	AML	00 27 33.8
AKAS	Kas	3.75 60	PN	Pn	00 26 04.5 +0.6
AKAS	Kas	3.75 60	PN	Pn	00 26 04.2 +0.3
CAME	Cameli-Denizli	3.94 49	PN	Pn	00 26 07.3 +0.7
AYDB	Zeytinokuy-Aydi	3.99 27	PN	Pn	00 26 08.3 +1.0
CHOS	Chios Island	3.99 5	PN	Pn	00 26 07.4 +0.1
URLA	Zmir	4.03 11	PN	Pn	00 26 08.4 +0.6
CAEL	Denizli, Camel	4.06 47	i/P	Pn	00 26 09.4 +1.1
TAVA	DENIZLI_Tavas	4.07 40	i/S	Pn	00 26 09.0 +0.6
TAVA			i/S	Sn	00 26 56.4 +1.6
TAVA			IAML		00 27 51.0
TAVA	comp=N,365nm,1.7s		IAML		00 27 53.0
ITM	Ithomi	4.08 314	PN	Pn	00 26 08.3 -0.1
ITM	Ithomi	4.08 314	PN	Pn	00 26 08.3 -0.1
ELL	Elmali	4.22 55	PN	Pn	00 26 11.1 +1.1
ELL	Elmali	4.22 55	PN	Pn	00 26 11.3 +0.9
ELL	Elmali	4.22 55	PN	Pn	00 26 11.5 +1.1
ELL	Elmali	4.22 55	P	Pn	00 26 10.6 +0.2
AKUM	Antalya-Kumluc	4.32 62	i/P	Pn	00 26 12.2 +0.5
AKUM			i/S	Sn	00 26 58.8 -2.0
AKUM			IAML		00 27 01.0
AKUM	comp=E,373nm,0.9s		IAML		00 27 15.0
KORT	Korkuteli	4.65 55	PN	Pn	00 26 17.4 +1.0
ZEDA	zmir-Bergama	4.71 14	i/P	Pn	00 26 17.6 +0.6
ZEDA			IAML		00 28 11.0
ZEDA	comp=E,140nm,3.5s		IAML		00 28 34.0
ZEDA	comp=N,112nm,2.7s		IAML		00 28 34.0
MANT	Manisa	4.72 29	PN	Pn	00 26 17.9 +0.4
KULA	Kula-Manisa	4.79 30	PN	Pn	00 26 18.7 +0.5
OSCI	CSNet OBS 1	4.80 99	P	Pn	00 26 16.5 -1.7
OSCI			S	Sn	00 27 11.2 -1.4
SIGR	Sigri	4.80 2	PN	Pn	00 26 18.7 +0.4
ANTB	Antalya	4.81 57	PN	Pn	00 26 18.1 +1.1
BRDR	BURDUR-Merkez	4.88 46	i/P	Pn	00 26 19.9 +0.4
BRDR			i/S	Sn	00 27 13.7 -1.1
BRDR			IAML		00 28 17.0
BRDR	comp=N,225nm,2.1s		IAML		00 28 18.0
BRDR	comp=E,174nm,2.5s		IAML		00 28 18.0
BASM	Basmaki-Afyon	5.02 44	PN	Pn	00 26 21.5 +0.1
PASA	Karahalli, USA	5.03 37	i/P	Pn	00 26 21.4 -0.2
BCK	Bucak	5.07 52	PN	Pn	00 26 22.9 +0.9
USAK	Usk-Merkez	5.11 32	i/P	Pn	00 26 23.3 +0.8
USAK			IAML		00 28 13.0
USAK	comp=N,76nm,1.7s		IAML		00 28 16.0
SWA2	comp=E,132nm,1.7s		IAML		00 26 23.6 +0.5
SWA2	baz=183	5.14 181	P	Pn	00 27 00.0
SWA2	baz=183		S	Sn	00 27 19.6 -1.5
ISP	Isparta	5.24 48	P	Pn	00 26 24.4 -0.1
ISP	Isparta	5.24 48	PN	Pn	00 26 25.1 +0.6
ISP	Isparta	5.24 48	PN	Pn	00 26 24.4 -0.1
STEP	BALIKESIR_Sava	5.25 18	i/P	Pn	00 26 25.4 +0.9
STEP			IAML		00 28 33.0
STEP	comp=E,194nm,1.3s		IAML		00 28 54.0
AGG	comp=N,201nm,1.6s		IAML		00 26 25.3 -0.1
AGG	Agios Georgios	5.31 331	PN	Pn	00 26 25.2 -0.1
AGG	Agios Georgios	5.31 331	PN	Pn	00 26 25.3 -0.1
KZIL	AFYON_Kizoren	5.31 42	i/P	Pn	00 26 25.4 0.0
KZIL			IAML		00 28 21.0
KZIL	comp=N,125nm,1.9s		IAML		00 28 20.0
KZIL	comp=E,145nm,1.5s		IAML		00 28 20.0
SMAA	Simav-Kutahya	5.42 29	PN	Pn	00 26 27.4 +0.6
BALB	Balikesir	5.54 19	PN	Pn	00 26 28.4 0.0
AKMS	Akamias	5.58 62	PN	AML	00 26 28.3 -0.6
AKMS			AML	AML	00 27 27.3
AKMS	comp=E,1.8nm,0.3s		AML	AML	00 27 28.0
AKMS			AML	AML	00 27 28.0
GDZ	comp=E,3.2nm,0.3s		IAML		00 26 29.9 +0.2
GDZ	Gezilz	5.62 33	i/P	Pn	00 28 31.0

OSCI	CSNet OBS 4	5.71 102	P	Pn	00 26 28.5 -2.3
OSCI			S	Sn	00 27 33.0 -1.9
SHUT	Suhut-Afyon	5.75 42	PN	Pn	00 26 31.7 +0.3
NATA	Natasa	5.76 48	PN	Pn	00 26 30.8 -0.6
GAZI	Sazipasa	5.78 70	PN	Pn	00 26 31.7 -0.1
ALFC	Alefka	5.80 81	↑P	Pn	00 26 31.0 -1.1
ALFC			AML	AML	00 27 31.7
ALFC	comp=E,3.4nm,0.7s		AML	AML	00 27 32.8
ALFC	comp=E,3.0nm,1.1s		AML	AML	00 27 32.8
SEDI	Konya, Seydisse	5.84 57	i/P	Pn	00 26 35.0 +2.3
SEDI			i/S	Sn	00 27 38.7 +0.2
SEYD	Seydisehir-KON	5.88 58	PN	Pn	00 26 34.8 +1.6
TVSB	Tavasani	5.91 30	PN	Pn	00 26 33.7 +0.1
SZAC	Sounti	6.01 85	↑P	Pn	00 26 33.7 -1.1
SZAC			AML	AML	00 27 39.2
SZAC	comp=E,1.3nm,0.3s		AML	AML	00 27 40.1
SZAC	comp=E,2.6nm,0.3s		AML	AML	00 27 40.1
LEF	Lefka	6.04 81	↑P	Pn	00 26 34.0 -1.3
LEF	Lefka	6.04 81	PN	Pn	00 26 34.7 -0.6
AKDN	Akdeniz- Kibri	6.12 80	PN	Pn	00 26 37.2 +0.8
DOGA	KONYA_Doganhis	6.14 51	i/P	Pn	00 26 35.8 -1.0
DOGA			i/S	Sn	00 27 46.4 +0.6
DOGA			IAML		00 27 48.0
DOGA	comp=N,132nm,0.7s		IAML		00 28 01.0
ANDZ	Kutahya, Merke	6.15 33	i/P	Pn	00 26 37.5 +0.6
ASGA	Asgata	6.32 84	P	Pn	00 26 38.2 -0.9
HMVD	Mayadein	6.36 135	P	Pn	00 26 40.0 +0.2
CSS	Mathiatis	6.39 83	PN	Pn	00 26 39.4 -0.7
CSS	Mathiatis	6.39 83	PN	Pn	00 26 39.0 -1.1
CSS	Mathiatis	6.39 83	P	Pn	00 26 39.1 -1.1
ATHAL	Athalassa	6.45 81	P	Pn	00 26 40.7 -0.2
AKIN	Akciklar- Kib	6.50 82	PN	Pn	00 26 42.3 +0.6
KONT	Konya-Tatoy	6.51 55	PN	Pn	00 26 42.5 +0.7
BERE	Berekat-Mersin	6.52 71	PN	Pn	00 26 42.2 +0.2
LEFK	Lefke	6.59 30	PN	Pn	00 26 43.5 +0.8
CIFT	Cifteler Eski	6.60 40	PN	Pn	00 26 43.3 -0.1
MVOU	Mavrovouni	6.62 84	PN	Pn	00 26 42.8 -0.8
LADK	Ladik-KONYA	6.64 53	PN	Pn	00 26 43.9 +0.2
SOH	Sokhos	6.65 34	PN	Pn	00 26 44.6 +0.8
SOH			pmx	pmx	00 26 44.9 +0.3
TEVE	Tevekalit-Mersin	6.71 70	PN	Pn	00 26 44.9 +0.3
AKK1	Akkuyu-Mersin	6.72 73	PN	Pn	00 26 45.1 +0.5
AKK2	Akkuyu-Mersin	6.72 73	PN	Pn	00 26 45.0 +0.3
AKKU	Akkuyu-Mersin	6.73 73	PN	Pn	00 26 45.1 +0.3
KIZT	Kizilirmak	6.74 47	PN	Pn	00 26 47.1 +0.1
KRMM	Karaman	6.81 64	PN	Pn	00 26 47.3 +1.3
YESI	Yesilovacik-Me	6.81 72	PN	Pn	00 26 45.7 -0.2
TISA	Tisan-afkara	6.83 73	PN	Pn	00 26 46.6 +0.4
IKL	Isikli	6.85 72	PN	Pn	00 26 46.9 +0.4
KARG	Kargicak-Mersi	6.87 73	PN	Pn	00 26 46.9 +0.3
SRS	Serrai	6.89 347	P	Pn	00 26 47.2 +0.2
SRS			pmx	pmx	00 26 47.2 +0.2
SRS	comp=Z,51nm,1.0s		pmx	pmx	00 26 46.0 -1.3
KOT	Kottamia	6.91 129	P	Pn	00 26 46.0 -1.3
SVRH	Sivrihisar-ESK	6.91 42	PN	Pn	00 26 47.3 -0.1
KEBE	Keben-Mersin	6.93 71	PN	Pn	00 26 48.0 +0.5
HSAF	As Saff	6.95 132	P	Pn	00 26 47.0 -0.8
PARAL	Paralimni	6.97 83	P	Pn	00 26 48.1 0.0
GILL	Jalalah	7.07 131	P	Pn	00 26 48.4 -1.1
SIL2	Silikfe-Mersin	7.07 72	PN	Pn	00 26 50.2 +0.7
EREN	Erenkoy	7.12 78	PN	Pn	00 26 50.6 +0.5
KIZK	Kizilirmak	7.27 71	PN	Pn	00 26 52.4 +0.2
KBN	Konya	7.29 300	P	Pn	00 26 52.3 -0.3
KBN	Konya	7.29 300	P	Pn	00 26 52.2 -0.3
VAY	Valadovo	7.31 342	i/Pn	Pn	00 27 02.2 +9.5
YESY	Yesilyurt	7.40 61	PN	Pn	00 26 54.2 +0.1
SULT	Sultanhani-AKS	7.42 57	PN	Pn	00 26 54.9 +0.5
MDUB	Mudurnu	7.51 35	PN	Pn	00 26 55.7 +0.1
KULLU	Kulus	7.53 50	PN	Pn	00 26 56.1 -0.2
HFRF	Wahat Farafira	7.59 161	P	Pn	00 26 56.6 0.0
SUZ	Suez	7.63 125	P	Pn	00 26 55.6 -1.6
MERS	Mersin	7.67 69	PN	Pn	00 26 58.0 +0

27d Oh

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like LANS, LPTV, LVA, etc.

2015 AUG

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like DPC, DAV, DAV, etc.

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Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like SSF, KASTN, WLF, etc.

27d Oh

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and various parameters. Includes stations like MAT Matsushiro, H11N2 WAKE ISLAND, H11N1 WAKE ISLAND, etc.

MOS 27 00:47:17.9-1.3, 34:32N:25.59E, h14km, mb4.6/24, Error ellipse: s-maj=6.4km s-min=3.9km az=84.5, NEIC 27 00:47:20.1-2.3, 34:36N:04.2568E, h10km, 1km, Error ellipse: s-maj=8.8km s-min=6.4km az=88.0, NIC 27 00:47:21.1-0.0, 34:20N:25.74E, h32km, 31km, M4.5/4, ISK 27 00:47:21.9, 34:44N:25.63E, h88km, M4.2/22, ATH 27 00:47:22.2, 34:40N:25.62E, h18km, 10km, M4.2/8, Error ellipse: s-maj=1.1km s-min=1.3km az=170.0, THE 27 00:47:22.3, 34:43N:25.63E, h1km, 1km, M4.0/7, Error ellipse: s-maj=2.5km s-min=0.7km az=161.0, IDC 27 00:47:23.0-2.0, 34:52N:25.66E, h36km, 17km, mb3.9/28, mb1.4/0.0, mb1mx3.9/65, mbtmp.4/1.40, ML3.7/9, MS3.4/17, Ms1.3/4/17, ms1mx3.3/43, Error ellipse: s-maj=13.4km s-min=10.2km az=168.0, HLW 27 00:47:23.6, 34:34N:25.90E, h30km, 28km, M4.7, M4.6, DDA 27 00:47:23.6, 34:67N:26.03E, h10km, 4km, M4.4/2, PDG 27 00:47:25.3-0.1, 34:82N:24.70E, h11km, 12km, M4.1/11, Error ellipse: s-maj=11.5km s-min=10.2km az=90.0, ISC 27 00:47:25.0-0.9, 34:33N:03.003:25.66E:0.02, h20km, 3km, n433, r15/64/463, mb4.3/61, MS3.4/11, 28C-15D, Crete

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, SNR, and various parameters. Includes stations like FRMA lerapetra Chan, ZKR Zakros, NPS Neapolis, etc.

2015 AUG

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, SNR, and various parameters. Includes stations like KOSK Kos Island, APE Apeiranthos, ARG Arkhangelos, etc.

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Main table of station data with columns: Code, Station Name, Azimuth, Elevation, SNR, and various parameters. Includes stations like SEDI, SZAC Souni, YVAC Isparta, etc.

27d 1h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, Res. Includes stations like CMAR Chiang Mai Arr, XAN Xian, KLR Kuldur, etc.

TUL 27 00:56:22.9; 1.0, 36.85N; 0.03:97.70W; 0.05, h4km, 6km, ML3.0, mb, Lq2.865(NEIC), Error ellipse: s-maj=7.5km

NEIC 27 00:56:23.4; 1.0, 36.83N; 0.02:97.69W; 0.01, h3km, 7km, Error ellipse: s-maj=2.4km s-min=1.2km az=150.0, Oklahoma

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, Res. Lists numerous stations including Grant County #, Caldwell West, etc.

2015 AUG

IDC 27 01:01:20.6; 5.0, 3.84S; 104.06E; h0km, mb3.7/4, m1 3.9/4, mb1mx3.6/35, mbtmp3.7/4, Error ellipse: s-maj=262.5km s-min=24.0km az=52.0

NIC 27 01:04:02.9; 0.0, 34.19N; 25.74E, h32km, 31km, M13.5/3 ATH 27 01:04:05.8, 34.56N; 25.54E, h12km, 5km, ML2.4/3, Error ellipse: s-maj=5.9km s-min=1.3km az=34.0

THE 27 01:04:06.2, 34.45N; 25.64E, h17km, 3km, ML2.4/3, Error ellipse: s-maj=4.0km s-min=1.1km az=154.0

ISC 27 01:04:04.3; 4.8, 34.4AN; 0.1:25.69E; 0.03, h42km, 39km, n30, c1837/42, Crete

Main station list table for the 2015 AUG section with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, Res. Lists stations like Lahat, Maura Dua, Liwa, etc.

MAN 27 01:04:19.2; 7.10N; 125.95E, h1km, mb4.2, ML3.0, MS2.6, Mindanao

BGR 27 01:13:08.2; 0.0, 24.73S; 177.94W, h33km NEIC 27 01:13:45.4; 1.4, 25.90S; 0.09:178.8W; 0.1, h359km, 5km, mb4.9/233, Error ellipse: s-maj=15.3km s-min=12.7km

NOU 27 01:13:46.7; 25.96S; 178.33W, h420km, MLV5.4/5.0, South of Fiji Islands

IDC 27 01:13:46.8; 0.7, 25.83S; 178.98W, h371km, 6km, mb4.3/19, m1 4.5/24, mb1mx4.4/4.1, mbtmp5.1/24, Error ellipse: s-maj=11.1km s-min=10.5km az=64.0

GCMT 27 01:13:50.4; 0.2, 25.87S; 0.03:178.91W; 0.03, h378km, 1km, MW5.3/91, Moment Tensor Solution: s91, c132; Duration: 1s1 Moment tensor: Scale 1017Nm; Mn0.29; 0.03; Mw0.55; 0.05; Mw0.26; 0.4; Mw0.20; 0.4; Mw0.63; 0.4; Mw1.01; 0.4; Best double couple: M11.294000; NP22.2610000; R37.00000; 1.14.00000; NP22=160.00000; 882.00000; 1.126.00000; Principal axes: T 1.3400, Plg42.0000, Azm103.0000; N -0.0900, Plg35.0000, Azm334.0000; P -1.2490, Plg28.0000, Azm222.0000; nsta1 refers to body waves, cutoff=40s. Triangular moment-rate function

ISC 27 01:13:46.5; 0.4, 25.95S; 0.04:178.82W; 0.04, h372km, 3km, h374km; pp-P, n618, c1849/640, mb4.9/169, 25C-11D, South of Fiji Islands

Main station list table for the 2015 AUG section with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, Res. Lists stations like Raoul Island, Raoul Island, etc.

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Main station list table for the 1348 section with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time Res, Res. Lists stations like Nonsau, Niue, Niue, etc.

27d 1h

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Table with columns: Station ID, Name, Time, Frequency, Power, and other technical details. Includes stations like N19K Bonanza Creek, X18A Snowflake, ELK Elko, etc.

Table with columns: Station ID, Name, Time, Frequency, Power, and other technical details. Includes stations like O20A White River Ci, REDW Red Top Meadow, TPWA Teton Pass, etc.

Table with columns: Station ID, Name, Time, Frequency, Power, and other technical details. Includes stations like AAL Aland, AKN Aaknes, UPP Uppala, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FURC, TPNV, LRM, EDW2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TUC, T25A, T25A, ANMO, etc.

THE 27 03:27:47.4, 40:76N-21:21E, h2km, 1km, ML2.7/7, Error ellipse: s-maj=2.0km s-min=0.6km az=217.0

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

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

MAN 27 03:57:37.7, 5:33N-125:68E, h83km, mb4.9, ML3.8, MS3.8, 1C, Mindanao

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

NNC 27 04:38:07.7, 7.0, 38:11N-78:71E, h0km, mb3.8, mpv3.4, 3C, Error ellipse: s-maj=70.4km s-min=46.1km az=85.0, Southern Xinjiang

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

IDC 27 05:28:43.8, 0.9, 27:70N-55:00E, h0km, mb3.8/11, Mb1.3/9.12, mb1mx3.7/4.0, mbtmp3.8/12, ML3.4/1, MS3.1/1, Ms1.3/1.1, mb1mx2.5/3.0, Error ellipse: s-maj=22.9km s-min=18.9km az=66.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LAR1, LAR1, BNDS, etc.

Table with columns: WJS, ALS, ALS, JJJ, JJJ, WWF, WWF, WNT1, WNT1, LDUT, LDUT, PCYT, PCYT, LONT, LONT, TWGBT, TWGBT, TWG, TWG, STYH, STYH, STYT, STYT, JISG, JISG, TPUB, TPUB, WTP, WTP, WRL, WRL, WTK, WTK, WTK, WTK, SLGT, SLGT, CHN1, CHN1, CHN1, CHN1, SGST, SGST, SNST, SNST, SNST, SNST, SSS, SSS, TSMG, TSMG, TSMG, TSMG, LAY, LAY, JJJ, JJJ, MASBT, MASBT, MASBT, MASBT, EAST, EAST, EAST, EAST, SCZT, SCZT, PHUB, PHUB, PNG, PNG, PNG, PNG, XPSA, XPSA, XPSA, XPSA, MHQZ, MHQZ, MHQZ, MHQZ, KNMB, KNMB, KNMB, KNMB, AXDP, AXDP

NNC 27 07:26:04.6±0.6,50.02N:78.77E,h0km,mb3.5,mpv3.0, 18C-7D,Error ellipse: s-maj=12.5km s-min=3.1km az=73.0,Suspected Mining explosion,,Eastern

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

TKM2 Tokmak 2 7.43 198 fLg Lg 07 29 58.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IDC 27 07:33:24.5±34.0,20°53'S:179.94E,h570km,311km, mb3.1/2,mb1 3.4/2,mb1mx2.8/2.4,mbtmp4.1/2, Error ellipse: s-maj=322.1km s-min=114.6km az=126.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IDC 27 07:38:57.7±47.0,24°04'S:178.47W,h0km,mb4.2/3, mb1 4.4/3,mb1mx3.8/2.3,mbtmp4.2/3,Error ellipse: s-maj=863.2km s-min=154.4km az=88.0, South of Fiji Islands

TUL 27 07:41:00.3±0.6,36°76'N:0°17'55'W,0°01',h3km,7km, ML2.5,mb_Lg2.2/16(NEIC),Error ellipse: s-maj=1.8km s-min=1.5km az=121.0

NEIC 27 07:41:00.7±0.4,36°75'N:0°17'55'W,0°02',h7km,6km, Error ellipse: s-maj=1.9km s-min=1.6km az=86.0

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

JMA 27 07:43:15.5±0.2,42.89N:146.38E,h40km,2km,M3.3 SKHL 27 07:43:16.0±0.1,42.90N:146.50E,h40km,4km,mb4.4/3

ISC 27 07:43:14.1±2.7,42.90N:146.49E,0.09,h27km,14km, n16,+073/28,Off southeast coast of Hokkaido

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Nemuro 2, Nemuro-Hokkai, Kurohikohamanak, Golvino, 140nm,0.4s, 780nm,0.4s, 770nm,0.4s, Turman, 180nm,0.4s, 2um,0.4s, 570nm,0.4s, Yuzh-Kuril'sk, 80nm,0.2s, 350nm,0.2s, Akkeshi, Nemuroshibetsu, Rausu, Nakash, Onbets, Ashoroboto, Abashiri-Toko, Churui, Kuril'sk, Maruseppu

IDC 27 07:51:55.4±0.8,27°00'N:44°40'W,h0km,mb3.9/10, mb1 4.1/10,mb1mx3.8/53,mbtmp3.9/10,MS3.5/18, Ms1 3.5/18,ms1mx3.3/46,Error ellipse: s-maj=23.7km s-min=22.9km az=161.0

NEIC 27 07:51:57.9±1.9,26°9'N:0°2'44'W,0°1',h10km,1km, mb4.5/35,Error ellipse: s-maj=26.9km s-min=18.9km az=165.0

ISC 27 07:51:57.8±0.6,27°0'N:1°44'29'W,0°09',h16km,n61, ±186/44,mb4.5/26,MS3.5/18,Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ROSA, Rosais, BBSR, BB Station

Table with columns: ANWB, SKI, SJG, GRKT, SDD, SDDR, SDDR, SCHEFFERVILLE, SONSECA ARRAY, ROSC, Z47A, W45A, S44A, S44A, FCAR, U40A, U40A, X40A, W45A, W45A, W45A, W45A, BDFB, DBIC, P38A, H102A, H103A, H103A, TORI, TORI, TORI, TORI, H101N, H101N, ULM, H103A, H103A, LPAZ, LPAZ, LPAZ, GERES, NOA, TX31, TX31, TXAR, TXAR, RWVY, RWVY, PD31, PD31, PDAR, PDAR, BW06, BW06, SNOW, SNOW, IMW, IMW, TPW, TPW, DLMT, SPUT, WUAZ, WUAZ, WUAZ, BGU, BGU, YKA, MLR, ARCES, ARCES, MFID, MFID, AKASG, AKASG, D08A, D08A, WVOR, WVOR, NVAR, NVAR, MOD, MOD, MOD, MOD, K05A, ILAR, ILAR, AKTO, BOS, KURK, KURKB, IDC 27 08:07:24.6±3.2, 15°88'S:167°90'E,h156km,28km,mb3.6/5, mb1 3.8/6,mb1mx3.5/31,mbtmp4.1/6, Error ellipse: s-maj=40.7km s-min=25.6km az=124.0, NOU 27 08:07:28.6±16.07'S:167°94'E,h135km,ML4.2/11, Vanuatu Islands

IDC 27 08:07:26.0±1.0,15°34'S:0°08'168.0E:0:1,h177km,n14, ±1544/16,mb3.9/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SANVU, DVP, RTV, KOUNC, YATWC, DZM, DZM, OUNC, OUNC, STKA, WRA, ASAR

27d 10h

Table with columns: PBAR, Barrancos, 9.21 90 P, Pn, 09 37 38.4 +3.9, etc.

SOME 27 09:55:30.5, 44:33N-82:93E, h5km
NCC 27 09:55:34.9, 3.1, 44:30N-82:78E, h0km, mb3.7, mpv3.1,
Error ellipse: s-maj=29.1km s-min=12.6km az=126.0

Main table for 27d 10h with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

HEL 27 10:00:02.9, 0.1, 64:39N-30:86E, h0km, ML2.2, Explosion
IDC 27 10:00:03.3, 3.7, 64:68N-31:51E, h0km, mb1.3, 0.3,
mb1mx2.9/34, mbtmp2.9/3, ML2.3/3, Error ellipse:
s-maj=54.7km s-min=14.1km az=99.0

Table for 27d 10h with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

2015 AUG

Table for 2015 AUG with columns: APAA, Apatity Array, 3.01 18 Pn, Pn, 10 00 53.6 +0.5, etc.

TUL 27 10:12:55.9, 1.0, 36:28N-0:01:97:28W, 0:02, h2km, 8km,
s-min=1.7km az=76.0
NEIC 27 10:12:56.4, 1.4, 36:28N-0:01:97:27W, 0:02, h5km, 2km,
Error ellipse: s-maj=3.0km s-min=2.3km az=85.0,

Main table for 2015 AUG with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

1360

Table for 1360 with columns: 435B, Jarrell, comp=Z, 22nm, 0.7s, 5.49 183 Iamb_Lg, etc.

SOME 27 10:16:25.0, 42:02N-83:25E, h15km, MS3.9
IDC 27 10:16:26.1, 0.5, 42:09N-83:24E, h0km, mb4.4/35,
mb1.4/542, mb1mx4.4/66, mbtmp4.4/42, ML4.1/6, MS3.3/11,
Ms1.3/3/11, ms1mx3.1/45, Error ellipse: s-maj=12.4km
s-min=8.8km az=22.0
BUJ 27 10:16:27.8, 0.0, 42:00N-83:22E, h10km, mb4.6/16,
mb4.5/32, ML4.5/12, Ms4.1/23, Ms7.3/8/22
MOS 27 10:16:29.6, 0.9, 42:20N-83:23E, h32km, mb4.8/20, Error
ellipse: s-maj=7.4km s-min=5.1km az=122.9
NCC 27 10:16:30.3, 2.0, 42:33N-83:10E, h0km, mb5.1, mpv4.9,
Error ellipse: s-maj=18.0km s-min=10.6km az=165.0
NEIC 27 10:16:31.0, 2.4, 42:12N-0:07:83:20E, 0:07, h2km, 4km,
mb4.8/87, Error ellipse: s-maj=11.0km s-min=6.9km
az=182.0

ISC 27 10:16:28.7, 0.3, 42:17N-0:04:83:28E, 0:02, h15km, n296,
z201/328, mb4.7/91, MS3.7/18, Phase-ID, Northern

Main table for 1360 with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, etc.

27d 10h

Table of astronomical observations for 27d 10h, listing station names, codes, and coordinates.

2015 AUG

Main table of astronomical observations for 2015 AUG, listing station names, codes, and coordinates.

1362

Table of astronomical observations for 1362, listing station names, codes, and coordinates.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MDOK Medeo, TNSSS Tian-Shan, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ARCES Divibare, NORSAR Subarray, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IUG luzhnyay, MNAS Manas, etc.

SOME 27 10:40:20.1, 42.23N, 83.12E, h5km
NCC 27 10:40:20.6, 2.0, 42.19N, 83.11E, h0km, mb3.5, mpv3.2,
Error ellipse: s-maj=16.3km s-min=11.5km az=179.0

ISC 27 10:40:14.0, 2.9, 42.02N, 0.1, 83.29E, 0.08, h15km, n17,
c1067, 27.3C, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KTMets Ketmen, SHLS Shalkode, etc.

SOME 27 10:49:21.7, 43.02N, 71.03E, h10km
NCC 27 10:49:22.5, 0.4, 42.98N, 71.01E, h0km, mb3.2, mpv2.7,
Error ellipse: s-maj=4.3km s-min=2.1km az=17.0,
Suspected Mining explosion.

KRNET 27 10:49:23.8, 0.1, 41.55N, 73.06E, h9km, mb1.9
ISC 27 10:49:22.5, 0.9, 42.99N, 0.04, 71.04E, 0.02, h12km, 8km,
n22, c094/43, 13C-10Z, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DZA Taraz, KK06 Karatay Array, etc.

MOS 27 10:50:53.8, 1.1, 26.82N, 44.28W, h10km, mb5.2/33,
MS4.2/6, Error ellipse: s-maj=12.4km s-min=6.7km
az=50.5

IDC 27 10:50:54.2, 0.4, 27.02N, 44.48W, h0km, mb4.4/34,
mb1.4, 5.34, mb1mx4.4/53, mbtmp4.4/34, MS4.2/29,
MS1.4/29, ms1mx4.2/38, Error ellipse: s-maj=14.0km
s-min=12.0km az=151.0

NEIC 27 10:50:57.2, 9, 26.92N, 0.07, 44.3W, 0.1, h10km, 1km,
mb5.1/302, Error ellipse: s-maj=16.6km s-min=11.5km
az=94.0

GCMT 27 10:50:59.0, 0.2, 27.08N, 0.01, 44.41W, 0.01, h12km,
MV5.1/29, Moment Tensor Solution. s59, c69;
s129, c199; Duration: 0 Moment tensor: Scale 10^16Nm;
Mn=4.84e-08; Mm=0.51e-09; Mm=4.33e-07; Mm=0.13e-30;
Mm=1.35e-07; Mm=0.47e-22; Best double couple:
M=4.82500e+10; NP1: 138.00000, 0.84200000;
lambda=90.00000; NP2: 99.1700000, 1.9000000;
Principal axes: T=4.7840, Plg3.00000; Azm108.00000; N
0.0820, Plg0.00000; Azm18.00000; Plg7.00000;
Azm282.00000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 27 10:50:57.2, 0.3, 26.95N, 0.05, 44.44W, 0.05, h16km, n646,
c151/516, mb5.1/227, MS4.3/46, 12C-15D, Northern
Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MTP Monte Pirata, GPCR Guaynabo City, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like KBZ, NEY, L26K, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like KMBO, KIBK, BOSB, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like WGMZ, BFZ, MXZ, etc.

27d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUDL Kundal, GEYT Alibeck, MKAR Makanchi Array, etc.

NOU 27 13:42:27.9, 27.29S, 175.13W, h48km, MLV5.4/13, Kermadec Islands Region
IDC 27 13:42:28.2, 0.5, 26.99S, 176.19W, h0km, mb4.3/16, mb1 4.0/16, ms1mx3.8/28, Error ellipse: s-maj=20.4km, s-min=15.8km az=111.0
NEIC 27 13:42:32.4, 2.1, 26.93S, 0.07, 176.09W, 0.06, h35km, 2km, mb4.8/21, Error ellipse: s-maj=12.6km s-min=6.8km az=33.0
GCMT 27 13:42:33.4, 0.4, 26.94S, 0.05, 175.77W, 0.02, h16km, 1km, MW4.8/61, Moment Tensor Solution. s17.c23; s61.c88; Duration: 0 Moment tensors: Scale 10^16Nm; Mr1.82; 17; Mw0.29; 12; Mw-2.10; 12; Mw-0.23; 48; Mw0.09; 07; Mw0.96; 31; Best double couple: Mo2.19900, 0.1016 NP1.9; 185.00000, 832.00000, 1.101.00000. NP2: 0.352.00000, 858.00000, 1.83.00000. Principal axes: T 2.0670, Plg76.0000, Azm242.0000; N 0.2710, Plg6.0000, Azm355.0000; P -2.3310, Plg13.0000, Azm87.0000; nst1a refers to surface waves, cutoff=40s. nst1a2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raoul Island, NIUE Niue, MSVF Nonsavu, URZ Urutonga, etc.

2015 AUG

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

1368

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRTR, EIL Elat, CLL Colim, etc.

CMB	Columbia Colle	77.87	42	P	P	15 18 22.9	-0.1
PFO	Pinyon Flats O	77.91	48	P	P	15 18 24.9	+1.4
PFO	Pinyon Flats O	77.91	48	P	P	15 18 23.9	+0.4
PFO	Pinyon Flats O	77.91	48	P	P	15 18 23.9	+0.4
TPFO	Pinyon Flats	77.91	48	P	P	15 18 24.6	+1.2
KRMB	Red Mountain	77.93	37	P	P	15 18 22.3	-1.1
KRMB	Red Mountain	77.93	37	P	P	15 18 30.5	
SWSC	Sam W. Stewart	78.01	48	P	P	15 18 24.7	+0.9
KASI	Kota Agung	78.03	268	P	P	15 18 25.5	+1.0
AFDM	Forest Hills D	78.06	41	P	P	15 18 24.0	-0.1
CPBX	Cerro Prieto	78.08	49	P	P	15 18 23.9	-0.3
ORV	Oroville	78.11	40	P	P	15 18 23.7	-0.6
ORV	Oroville	78.11	40	P	P	15 18 23.7	-0.6
PRN	Whiskeytown Da	78.12	39	P	P	15 18 23.4	-0.9
WDC	Whiskeytown Da	78.12	39	P	P	15 18 23.4	-0.9
WDC	Whiskeytown Da	78.12	39	P	P	15 18 23.4	-0.9
LRMC	Laurel Mtn Rd	78.13	45	P	P	15 18 25.0	+0.4
KBO	Bosley Butte	78.20	37	P	P	15 18 23.1	-1.7
KBO	Bosley Butte	78.20	37	P	P	15 18 41.0	
N02D	Trinity Center	78.27	38	P	P	15 18 26.3	+1.1
O03E	Paynes Creek	78.38	39	P	P	15 18 25.8	-0.1
CWC	Cottonwood Cre	78.41	44	P	P	15 18 26.6	+0.3
BELC	Belle Mtn. Jos	78.45	47	P	P	15 18 26.8	+0.3
M02C	Callahan	78.45	38	P	P	15 18 26.8	+0.6
MDPB	Devils Postpil	78.46	43	P	P	15 18 25.7	-0.9
L02E	Cave Junction	78.51	37	P	P	15 18 26.8	+0.3
KEBM	Edson Butte	78.57	36	P	P	15 18 25.5	-1.3
GSC	Goldstone, Bar	78.62	46	P	P	15 18 26.9	-0.4
GSC	Goldstone, Bar	78.62	46	P	P	15 18 26.9	-0.4
GSC	Goldstone, Bar	78.62	46	P	P	15 18 26.9	-0.4
RUBR	Rubicon Trail	78.62	41	P	P	15 18 26.7	-0.7
BC3	Big Chuckawall	78.64	48	P	P	15 18 28.3	+0.8
TIN	Tinemaha, Big	78.67	44	P	P	15 18 27.2	-0.4
MDSI	Maura Dua	78.67	269	P	P	15 18 27.8	-0.2
HEC	Hector Ludlow	78.67	47	P	P	15 18 27.8	+0.2
YBH	Yreka Blue Hor	78.75	38	P	P	15 18 28.9	+0.1
YBH	Yreka Blue Hor	78.75	38	P	P	15 18 27.3	-0.6
YBH	Yreka Blue Hor	78.75	38	P	P	15 18 27.3	-0.6
YBH	Yreka Blue Hor	78.75	38	P	P	15 18 27.3	-0.6
GLA	Glamis	78.75	49	P	P	15 18 27.5	-0.5
GLA	Glamis	78.75	49	P	P	15 18 27.5	-0.5
GLA	Glamis	78.75	49	P	P	15 18 27.5	-0.5
GLA	Glamis	78.75	49	P	P	15 18 27.5	-0.5
G02D	Williamette Mer	78.83	37	P	P	15 18 29.0	+0.7
J01E	Myrtle Point	78.98	36	P	P	15 18 29.0	+0.1
BEKR	Beckworth	78.99	40	P	P	15 18 27.1	-2.3
PNTR	Pine Nut	78.99	41	P	P	15 18 27.9	-1.5
PNTR	Pine Nut	78.99	41	P	P	15 18 36.7	
VCNR	Virginia City	79.08	41	P	P	15 18 29.6	-0.3
GMRC	Granite Mountain	79.11	47	P	P	15 18 30.2	+0.1
IRM	Iron Mountain	79.13	48	P	P	15 18 30.7	+0.7
YERR	Yerington	79.16	42	P	P	15 18 29.5	-0.8
YERR	Yerington	79.16	42	P	P	15 18 36.8	
LHM	Hull Mountain	79.17	37	P	P	15 18 29.9	-0.1
HUV	Little Huntoun	79.19	43	P	P	15 18 29.7	-0.5
LHV	Little Huntoun	79.19	43	P	P	15 18 41.4	
GRAC	Grapevine Rang	79.20	44	P	P	15 18 30.8	+0.3
FURC	Furnace Creek,	79.23	45	P	P	15 18 30.7	+0.2
M04C	Macdoel	79.29	38	P	P	15 18 31.0	+0.1
TUQ	Turquoise Moun	79.29	46	P	P	15 18 31.0	0.0
L04D	Klamath Falls	79.29	38	P	P	15 18 31.1	+0.2
SHOC	Shoshone, Teco	79.31	46	P	P	15 18 30.9	-0.1
USRK	Ussuriysk Ar.	79.33	325	LR	LR	15 50 03.5	
113A	Mohawk Valley,	79.36	50	P	P	15 18 29.9	-1.4
113A	Mohawk Valley,	79.36	50	P	P	15 18 35.5	
RYN	Ryan	79.40	42	P	P	15 18 31.8	+0.2
RYN	Ryan	79.40	42	P	P	15 18 34.7	
NVAR	Mina Array Bea	79.42	43	P	P	15 18 32.8	+1.0
NVAR	Mina Array Bea	79.42	43	P	P	15 18 55.8	
NVAR	Mina Array Bea	79.42	43	P	P	15 18 31.0	-0.9
PAHR	Pah Rah Range	79.50	41	P	P	15 18 30.8	-1.3
NV11	Mina Array Sit	79.52	43	P	P	15 18 31.8	-0.5
HSIG	Lummi Island	79.54	54	P	P	15 18 31.8	-0.6
HSIG	Lummi Island	79.54	54	P	P	15 18 35.6	
214A	Organ Pipe Nat	79.62	51	P	P	15 18 31.6	-1.2
214A	Organ Pipe Nat	79.62	51	P	P	15 18 37.4	
214A	Organ Pipe Nat	79.62	51	P	P	15 18 32.9	+0.1
102D	Swisshome	79.64	35	P	P	15 18 32.4	-0.2
103D	Drain, OR	79.65	36	P	P	15 18 32.5	-0.1
NEE2	Needles Airpor	79.82	47	P	P	15 18 34.4	+0.6
PDMC	Parker Dam,Lak	79.91	48	P	P	15 18 34.8	+0.6
TPH	Toponah	79.91	43	P	P	15 18 34.5	0.0
TPH	Toponah	79.91	43	P	P	15 18 32.4	-0.2
TPNV	Topopah Spring	79.91	45	P	P	15 18 33.4	-1.0
TPNV	Topopah Spring	79.91	45	P	P	15 18 33.4	-1.0
TPNV	Topopah Spring	79.91	45	P	P	15 18 33.4	-1.0
TPNV	Topopah Spring	79.91	45	P	P	15 18 33.4	-1.0
KVN	Kaiserville	79.91	42	P	P	15 18 33.6	-0.8
KVN	Kaiserville	79.91	42	P	P	15 18 33.6	-0.8
KVN	Kaiserville	79.91	42	P	P	15 18 33.6	-0.8
J04D	Umpqua Nationa	80.05	37	P	P	15 18 35.3	+0.2
BUCK	Buck Mountain	80.17	36	P	P	15 18 33.5	-2.1
BUCK	Buck Mountain	80.17	36	P	P	15 18 43.0	

I04A	Tendick Farm,	80.23	36	P	P	15 18 35.6	-0.3
MOD	Modoc Plateau	80.27	39	P	P	15 18 34.6	-1.6
SHPR	Sheep Range	80.39	46	P	P	15 18 36.6	-0.5
K05A	Summer Lake	80.43	38	IAMB	IAMB	15 18 35.7	-1.4
KSI	Kapahiang	80.44	270	P	P	15 18 39.8	+2.1
W13A	Tuzigoot Mount	80.51	47	P	P	15 18 38.4	+0.6
Y14A	Wickenburg	80.51	49	P	P	15 18 36.6	-1.0
H04D	Lebanon	80.52	36	P	P	15 18 36.8	-0.5
J05D	Fort Rock, OR	80.58	37	P	P	15 18 38.9	+1.0
NJ2	Nanjing	80.71	309	eP	P	15 18 39.0	+0.4
MDJ	Mudanjiang	80.91	324	P	P	15 18 39.5	+0.1
MDJ	Mudanjiang	80.91	324	P	P	15 18 39.5	+0.1
H04A	Detroit Lake	80.92	36	IAMB	IAMB	15 18 45.7	
PRN	Pahroc Range	80.96	45	IAMB	IAMB	15 18 44.5	
PINE	Pine Mountain	81.06	37	P	P	15 18 39.7	-0.8
R11A	Troy Canyon, C	81.13	44	P	P	15 18 41.0	0.0
R11A	Troy Canyon, C	81.13	44	P	P	15 18 41.1	+0.1
I05D	Tetlebonne, OR	81.17	36	P	P	15 18 41.3	+0.3
TUC	Tucson	81.29	51	P	P	15 18 42.3	+0.5
TUC	Tucson	81.29	51	P	P	15 18 42.3	+0.5
TUC	Tucson	81.29	51	P	P	15 18 42.3	+0.5
WVOR	Wild Horse Val	81.57	39	P	P	15 18 43.2	+0.1
WVOR	Wild Horse Val	81.57	39	P	P	15 18 43.2	+0.1
F04A	Amboy	81.59	35	IAMB	IAMB	15 18 48.8	
G05D	Wamic, OR	81.75	36	P	P	15 18 45.5	+1.6
NLWA	Neilton Loukou	81.78	33	IAMB	IAMB	15 18 40.8	
X16A	Lo Mia Camp, P	81.87	49	P	P	15 18 45.9	+0.9
N18K	Kilae Creek	81.89	10	P	P	15 18 45.3	+1.0
O20K	Slope Mountain	81.91	12	P	P	15 18 45.0	+0.5
E04D	Cinebar	81.91	34	P	P	15 18 45.9	+1.2
I07A	Izeze	82.06	37	P	P	15 18 44.9	-0.8
Q1Z	Qiongzong	82.07	293	S	S	15 18 45.0	-1.1
Q1Z	Qiongzong	82.07	293	S	S	15 29 02.3	+1.3
F05D	White Salmon	82.08	35	P	P	15 18 46.5	+1.0
D04E	Lakebay	82.21	34	P	P	15 18 46.7	+0.6
J08A	Circle Bar Ran	82.22	39	IAMB	IAMB	15 18 53.7	
KNB	Kanab	82.25	46	P	P	15 18 46.8	-0.1
KNB	Kanab	82.25	46	P	P	15 18 46.8	-0.1
N19K	Bonanza Creek	82.26	11	P	P	15 18 46.4	+0.1
U15A	North Rim	82.31	47	IAMB	IAMB	15 18 55.5	
SZCU	Shurtz Canyon	82.38	46	IAMB	IAMB	15 18 51.3	
WUAZ	Wupatki	82.48	48	P	P	15 18 49.1	+1.0
WUAZ	Wupatki	82.48	48	P	P	15 18 55.7	
SEW	Seward	82.58	13	P	P	15 18 48.5	+0.7
D05A	Enumclaw	82.62	34	P	P	15 18 49.0	+0.6
Q23K	Midleton, ISla	82.68	15	P	P	15 18 49.9	+1.5
ELK	Elko	82.69	42	P	P	15 18 49.7	+0.5
ELK	Elko	82.69	42	P	P	15 18 49.1	-0.1
ELK	Elko	82.69	42	P	P	15 18 49.1	-0.1
ELK	Elko	82.69	42	P	P	15 18 49.1	-0.1
MAW	Mawson	82.75	199	LR	LR	15 54 50.0	
MAW	Mawson	82.75	199	P	P	15 18 49.2	+0.4
MAW	Mawson	82.75	199	P	P	15 18 53.5	+4.3
CN2	Changchun	82.77	322	eS	S	15 29 10.0	+2.9
CN2	Changchun	82.77	322	eS	S	15 29 10.0	+2.9
CN2	Changchun	82.77	322	eS	S	15 29 10.0	+2.9
CN2	Changchun	82.77	322	eS	S	15 29 10.0	+2.9
BBB	Bella Bella	83.04	28	P	P	15 18 51.5	+1.2
G08A	Pilot Rock	83.10	37	P	P	15 18 51.1	+0.1
JRMM	Jerantout	83.10	277	P	P	15 18 52.0	+0.4
MTPU	Mount Pierson	83.22	46	IAMB	IAMB	15 18 56.5	
A04D	Lummi Island	83.24	32	P	P	15 18 53.1	+1.6
B05A	Bryant	83.25	33	P	P	15 18 53.7	+2.1
M19K	Big River Lodg	83.30	10	P	P	15 18 52.3	+0.8
WHN	Wuhan	83.36	306	P	P	15 18 58.0	+5.4
LTY	Liberty	83.36	34	IAMB	IAMB	15 18 58.5	
E07A	Sunnyside	83.37	35	P	P	15 18 52.2	-0.1
GAMB	Gambell	83.42	2	P	P	15 18 53.0	+1.0
W18A	Petrified Fore	83.44	49	P	P	15 18 53.5	+0.4
W18A	Petrified Fore	83.44	49	P	P	15 18 54.3	+1.1
CRAIG	Craig	83.45	23	P	P	15 18 53.6	+1.2
L19K	White Mountain	83.48	10	P	P	15 18 54.3	+1.8
M20K	Sty River	83.49	11	P	P	15 18 53.5	+0.8
BMO	Blue Mountains	83.78	38	IAMB	IAMB	15 19 00.9	
GLI	Glacier Island	83.79	14	P	P	15 18 55.7	+1.6
EYAK	Cordova Ski Ar	83.81	15	P	P	15 18 55.7	+1.6
MFID	Camas Ranch	83.82	40	P	P	15 18 54.9	0.0
MFID	Camas Ranch	83.82	40	P	P	15 19 02.0	
SKT	Skwentna	83.87	11	P	P	15 18 56.0	+1.5
SIT	Sitka	83.90	21	P	P	15 18 55.8	+1.1
DUG	Dugway, Tooele	83.94	44	P	P	15 18 56.8	+1.2

27th 15h

2015 AUG

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Table with columns: IATA, Name, Time, Day, Status, Class, Price, etc. Includes entries like MLY Manley, DLMT Dillon, MSO Missoula, etc.

Table with columns: IATA, Name, Time, Day, Status, Class, Price, etc. Includes entries like KMI comp=Z,200nm,17.0s, EPYK Eagle Plains, PAYA Payao, etc.

Table with columns: IATA, Name, Time, Day, Status, Class, Price, etc. Includes entries like MNK Minsk, MNK Minsk, MNK Minsk, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BUR08, OBKA, ARSA, KECS, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ASAR, Alice Springs, IDC, NEIC, etc.

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

27d 16h

Table with columns for station name, coordinates, and various data points. Includes stations like SWI Sorong, PBKT Sadoo Pong, UMPA Umpang Tak, etc.

2015 AUG

Table with columns for station name, coordinates, and various data points. Includes stations like GTA Gaotai, BTO Baotou, BJT Beijing, etc.

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Table with columns for station name, coordinates, and various data points. Includes stations like SNAA Sanae, VNA2 Neumayer-Watz, AKASO Malin Arry B, etc.

MAN 27 16:28:57.8, 8.58N; 126.22E, h10km, mb4.1, ML2.9, MS2.5, Mindanao

IDC 27 16:31:01.8; 1.2, 5.0; 77N; 174.37W, h0km, mb3.6/11, mb1.3/9.13, mb1mx3.7/46, mbtmp3.7/13, ML2.8/2, Error ellipse: s-maj=34.6km s-min=17.6km az=166.0

Table with columns for Code, Station Name, Az, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like ATKA Atka Island, GSGI Igitkin Island, etc.

IDC 27 16:45:51.3; 1.9, 20.5; 2S; 178.41W, h594km; 21km, mb3.0/7, mb1.3/4.9, mb1mx3.1/22, mbtmp3.9/9, Error ellipse: s-maj=32.5km s-min=18.5km az=147.0

NEIC 27 16:45:51.5; 0.8, 20.6; 5.0; 2.2; 178.4W; 0.1, h585km; 11km, mb4.3/21, Error ellipse: s-maj=23.9km s-min=18.3km az=175.0

ISC 27 16:45:51.1; 0.6, 20.5; 5.0; 1.1; 178.39W; 0.09, h587km; n60, h151/61, mb4.2/17, Fiji Islands region

Table with columns for Code, Station Name, Az, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like MSVF Nonsavu, MSVF Nonsavu, NIUE Niue, etc.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KSL, AKAS, AYDN, CAEL, DENIZLI, etc.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KK31, AAK, TKM2, MAN 27, NEIC, etc.

Table with columns: Code, Station Name, Az, El, P, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KUR, YUZH, etc.

B06A	Marblemount	58.88	51	P	P	19 19 54.6	+0.8
B06A	comp=Z,54nm,1.3s					19 19 55.9	
D04E	Lakebay	58.92	53	P	P	19 19 55.7	+1.7
D04E	comp=Z,30s						
KT1K1	Kautokeino	58.98	340	eP	P	19 19 53.5	-0.7
BATI	Baumata	59.00	207	P	P	19 19 54.9	-0.1
JETT	Jettan, Norway	59.26	341	eP	P	19 19 56.1	+0.0
D05A	Ennumclaw	59.35	52	P	P	19 19 58.4	+1.4
D05A	comp=Z,5.6nm,0.6s,baz=144,slow=9.1,SNR=1.6					19 20 00.5	
KLMR	Klimovskoe	59.37	327	eP	P	19 19 54.5	-2.4
KLMR						19 20 41.2	
KLMR	comp=Z,35nm,1.4s						
KLMR	Klimovskoe	59.37	327	eP	P	19 19 54.6	-2.4
KLMR						19 19 56.8	
KLMP						19 20 41.3	-2.0
E04D	Cinebar	59.38	53	P	P	19 19 58.9	+1.6
F04D	Rainier, OR	59.40	54	P	P	19 19 58.9	+1.5
F04D	comp=Z,35nm,1.4s						
TRO	Tromsø	59.54	341	eP	P	19 19 57.3	-0.6
C06D	Leavenworth	59.54	51	P	P	19 19 59.4	+1.0
PSI	Prapat	59.69	240	P	P	19 20 00.8	+0.9
PSI	Prapat	59.69	240	P	P	19 20 01.0	+1.1
PSI	comp=Z,7.9nm,0.7s,baz=1.2,slow=2.6,SNR=4.1						
PSI	comp=Z,8.0nm,0.8s						
LO	Longmire	59.70	53	P	P	19 20 00.4	+0.9
LO	comp=Z,21nm,1.4s						
LO	Longmire	59.70	53	P	P	19 20 00.4	+0.9
G03D	McMinnville, O	59.75	55	P	P	19 20 00.9	+1.1
RPSI	Rantau Prapat	59.77	240	P	P	19 20 01.0	+0.6
RPSI	Rantau Prapat	59.77	240	P	P	19 20 01.8	+0.5
F04A	Amboy	59.82	54	P	P	19 20 01.8	+1.5
LTY	Liberty	60.05	52	P	P	19 20 02.8	+0.8
LTY	comp=Z,16nm,0.5s					19 20 03.7	
COR	Corvallis	60.09	56	P	P	19 20 04.4	+2.3
COR	comp=Z,82nm,1.1s						
COR	Corvallis	60.09	56	P	P	19 20 04.4	+2.3
B08A	Colville Reser	60.15	50	P	P	19 20 03.5	+1.0
B08A	comp=Z,32nm,0.9s					19 20 04.9	
EDM	Edmonton	60.37	43	P	P	19 20 04.8	+0.8
EDM	comp=Z,58nm,0.7s						
EDM	Edmonton	60.37	43	P	P	19 20 04.8	+0.8
F05D	White Salmon	60.40	53	P	P	19 20 06.1	+1.9
H04D	Lebanon	60.45	55	P	P	19 20 06.3	+1.7
H04D	comp=Z,30s						
KEBM	Edson Butte	60.47	58	P	P	19 20 06.2	+1.4
BUCK	Buck Mountain	60.50	56	P	P	19 20 07.1	+2.1
J01E	Myrtle Point	60.54	57	P	P	19 20 06.8	+1.6
I03D	Drain, OR	60.57	56	P	P	19 20 07.3	+1.8
H04A	Detroit Lake	60.68	55	P	P	19 20 07.6	+1.4
G05D	Wamic, OR	60.85	54	P	P	19 20 09.0	+1.7
E07A	Sunnyside	60.91	52	P	P	19 20 09.2	+1.5
KBO	Bosley Butte	60.92	58	P	P	19 20 09.5	+1.6
K02D	Willamette Mer	60.97	57	P	P	19 20 09.9	+1.6
BELG	Belogoroye	61.00	316	eP	P	19 20 07.4	-0.8
BELG	comp=Z,7.0nm,0.7s						
C09A	Chrisman Ranch	61.05	50	P	P	19 20 09.6	+0.9
C09A	comp=Z,29nm,0.7s					19 20 10.9	
I04A	Tendick Farm,	61.07	56	P	P	19 20 10.5	+1.6
I04A	comp=Z,29nm,0.7s						
D08A	Wollman Farm,	61.14	51	P	P	19 20 10.1	+0.9
HAWA	Hanford	61.19	52	P	P	19 20 10.8	+1.3
HAWA	comp=Z,47nm,1.1s					19 20 12.2	
F07A	Phinny Hill Vi	61.26	53	P	P	19 20 11.5	+1.4
UPNV	Upervnavik	61.32	8	iP	P	19 20 08.0	-2.0
UPNV	comp=Z,17nm,0.6s					19 20 09.9	
L02E	Cave Junction	61.32	58	P	P	19 20 12.1	+1.5
I05D	Terrebonne, OR	61.37	55	P	P	19 20 12.4	+1.5
E08A	Dider Farm, EI	61.40	52	P	P	19 20 12.1	+1.2
E08A	comp=Z,29nm,0.9s					19 20 13.4	
NEW	Newport	61.40	49	P	P	19 20 11.9	+0.9
NEW	comp=Z,14nm,0.5s,baz=311,slow=6.5,SNR=3.0						
NEW	Newport	61.40	49	P	P	19 20 11.9	+0.9
NEW	Newport	61.40	49	P	P	19 20 12.0	+0.9
HUMO	Hull Mountain	61.45	57	P	P	19 20 12.9	+1.5
KRMB	Red Mountain	61.51	59	P	P	19 20 13.8	+1.3
J04D	Umpqua Nationa	61.57	56	P	P	19 20 14.1	+1.7
GSI	Gunungsitoli	61.69	240	P	P	19 20 14.3	+1.0
GSI	comp=Z,14nm,0.6s					19 20 21.9	
JCC	Jacoby Creek,	61.86	59	P	P	19 20 15.9	+1.8
JCC	comp=Z,29nm,0.9s					19 20 17.4	
E09A	Wood Farm, 9a	61.89	51	P	P	19 20 15.6	+1.4
PINE	Pine Mountain	61.93	55	P	P	19 20 16.5	+1.3
KHMM	Horse Mountain	62.01	59	P	P	19 20 17.2	+1.9
KHMM	comp=Z,41nm,0.8s					19 20 18.6	
J05D	Fort Rock, OR	62.06	56	P	P	19 20 17.5	+1.8
L04D	Klamath Falls	62.06	57	P	P	19 20 17.1	+1.5
YBH	Yreka Blue Hor	62.11	58	P	P	19 20 17.4	+1.5
YBH	comp=Z,18nm,0.6s,baz=345,slow=5.5,SNR=5.0						
YBH	Yreka Blue Hor	62.11	58	P	P	19 20 17.6	+1.6
YBH	comp=Z,26nm,0.9s						
YBH	Yreka Blue Hor	62.11	58	P	P	19 20 17.6	+1.6
YBH	comp=Z,26nm,0.8s					19 20 19.1	
FAUS	Fauske	62.14	341	eP	P	19 20 14.4	-1.1
K04D	Chiloquin, OR	62.15	57	P	P	19 20 17.8	+1.6
G08A	Pilot Rock	62.17	53	P	P	19 20 17.6	+1.3
G08A	comp=Z,37nm,1.4s					19 20 18.9	
M02C	Callahan	62.23	58	P	P	19 20 18.7	+2.0
KMRM	Mali Ridge	62.41	60	P	P	19 20 20.0	+2.1
KMRM	comp=Z,24nm,0.8s					19 20 21.2	
N02D	Trinity Center	62.57	59	P	P	19 20 20.9	+1.9
I07A	Ize	62.59	54	P	P	19 20 20.4	+1.3
SUMG	Summit	62.59	2	P	P	19 20 18.6	-0.4
SUMG	comp=Z,25nm,0.4s					19 20 19.3	
SUMG	Summit	62.59	2	P	P	19 20 18.5	-0.5
SUMG	comp=Z,58nm,1.1s						
SUMG	Summit	62.59	2	P	P	19 20 18.5	-0.5
K05A	Summer Lake	62.59	56	P	P	19 20 21.1	+0.8
M04C	Macdoel	62.60	57	P	P	19 20 21.0	+1.7
M04C	comp=Z,30s						
WALA	Waterton Lakes	62.61	47	P	P	19 20 19.9	+0.7
WALA	comp=Z,41nm,0.9s					19 20 21.5	
F10A	Beach Ranch, E	62.72	51	P	P	19 20 20.8	+0.9
WDC	Whiskeytown Da	62.91	59	P	P	19 20 22.3	+1.2
WDC	comp=Z,26nm,0.9s					19 20 23.8	
WDC	Whiskeytown Da	62.91	59	P	P	19 20 22.3	+1.2
WDC	comp=Z,26nm,0.9s						
HYB	Hyderabad	63.01	268	iP	P	19 20 22.0	+0.6
O02D	Mt. Diablo Mer	63.00	59	P	P	19 20 23.6	+1.7
JTMT	Jette	63.23	48	P	P	19 20 24.6	+1.3

M0R8	Moi Rana	63.32	341	eP	P	19 20 21.1	-2.4
KONS	Konsvik	63.36	341	eP	P	19 20 24.3	+0.7
BMO	Blue Mountains	63.36	52	P	P	19 20 25.2	+1.0
BMO	comp=Z,16nm,0.9s					19 20 27.0	
M0R8	Moi Rana	63.36	52	P	P	19 20 25.2	+1.0
HRA	Herat	63.42	293	P	P	19 20 26.0	+1.1
HRA	comp=Z,35nm,1.1s					19 20 27.1	
MOD	Modoc Plateau	63.44	56	P	P	19 20 25.9	+1.0
MOD	comp=Z,27nm,0.7s					19 20 27.6	
O03E	Paynes Creek	63.53	59	P	P	19 20 26.1	+0.8
HOPS	Hopland Field	63.55	61	P	P	19 20 26.5	+1.2
HOPS	comp=Z,29nm,1.1s					19 20 27.8	
J08A	Circle Bar Ran	63.62	54	P	P	19 20 27.4	+1.5
J08A	comp=Z,28nm,0.9s					19 20 28.8	
FIA1	FINESS Array S	63.74	333	P	P	19 20 25.2	-1.0
FINES	FINESS Array B	63.74	333	P	P	19 20 25.1	-1.2
FINES	comp=Z,36nm,0.5s,baz=40,slow=7.3,SNR=267						
FINES	comp=Z,8.1nm,0.7s,baz=41,slow=3.8,SNR=5.4					19 21 00.3	+0.4
FINES	comp=Z,57nm,1.8s,baz=54,slow=4.0						
FINES	FINESS Array B	63.74	333	P	P	19 20 25.0	-1.3
GDXM	Geysers	63.83	61	P	P	19 20 29.0	+1.7
GDXM	comp=Z,34nm,1.1s					19 20 30.3	
GEYT	Alibeck	63.89	298	P	P	19 20 27.8	+0.2
GEYT	comp=Z,191nm,1.0s,baz=343,slow=1.5,SNR=32						
GEYT	Alibeck	63.89	298	P	P	19 20 27.9	+0.2
GYA0B	ALIBECK ARRAY	63.89	298	P	P	19 20 28.4	+0.8
GYA0B	comp=Z,22nm,0.7s					19 20 29.6	
PLID	Pearl Lake	63.95	52	P	P	19 20 29.2	+1.0
MSO	Missoula	63.98	49	P	P	19 20 29.2	+1.0
MSO	comp=Z,30s					19 20 29.2	+1.0
WVOR	Wild Horse Val	64.09	55	P	P	19 20 30.4	+1.3
WVOR	comp=Z,34nm,1.1s						
WVOR	Wild Horse Val	64.09	55	P	P	19 20 30.4	+1.3
WVOR	comp=Z,34nm,1.1s					19 20 31.7	
ORV	Oroville	64.16	59	P	P	19 20 29.8	+0.4
ORV	comp=Z,22nm,0.8s						
ORV	Oroville	64.16	59	P	P	19 20 29.8	+0.4
ORV	comp=Z,22nm,0.8s					19 20 31.2	
OBN	Obninsk	64.31	323	eP	P	19 20 29.0	-1.0
OBN	comp=Z,34nm,1.3s					19 22 56.0	
OBN	Obninsk	64.31	323	eP	P	19 20 29.7	-0.3
FFC	Filin Flon	64.59	37	P	P	19 20 32.8	+0.7
FFC	comp=Z,46nm,1.0s						
FFC	Filin Flon	64.59	37	P	P	19 20 32.8	+0.7
FFC	comp=Z,46nm,0.9s					19 20 33.9	
VRH	Novokhoporsky	64.60	318	eP	P	19 20 30.6	-1.4
VRH	comp=Z,40nm,0.9s						
BEKR	Beckworth	64.66	58	P	P	19 20 33.7	+0.8
BEKR	comp=Z,38nm,0.9s					19 20 35.1	
FCC	Fort Churchill	64.84	30	P	P	19 20 33.8	+0.4
FCC	comp=Z,193nm,1.3s						
FCC	Fort Churchill	64.84	30	P	P	19 20 33.8	+0.4
AFDM	Forest Hills D	64.86	59	P	P	19 20 34.9	+0.9
AFDM	comp=Z,37nm,1.3s					19 20 36.2	
LPSR	Galich ya Gora	64.97	320	eP	P	19 20 33.6	-0.8
LPSR	comp=Z,30nm,0.8s						
MFID	Camas Ranch	65.09	53	P	P	19 20 36.7	+1.2
HRH	Holler Researc	65.18	48	P	P	19 20 37.3	+1.3
NAROS	Narnos	65.27	340	eP	P	19 20 35.3	-0.8
PAHR	Pat Rih Range	65.35	58	P	P	19 20 38.4	+1.0
EGMT	Eagleton	65.41	46	P	P	19 20 38.5	+1.1
EGMT	comp=Z,31nm,1.1s					19 20 38.5	+1.1

K31A	O'Neill	74.72	44	P	P	19 21 35.0 +0.8
F36A	Milaca	74.75	39	P	P	19 21 33.8 -0.4
VLDR	Vladesti	74.76 321	↑P	P	P	19 21 35.1 +0.9
BSEG	Bad Segeberg	74.77 335	↑P	P	P	19 21 34.5 +0.3
BIZ	Biczak	74.78 322	↑P	P	P	19 21 35.2 +0.8
KOLS	Kolonickie sedl	74.79 326	↑P	P	P	19 21 34.9 +0.5
KOLS	comp-Z,62nm,1.1s			pmax	pmax	
KOLS	Kolonickie sedl	74.79 326	↑P	P	P	19 21 34.9 +0.5
STHS	Stebnicka Huta	74.81 327	↑P	P	P	19 21 35.1 +0.6
STHS	Stebnicka Huta	74.81 327	↑P	P	P	19 21 35.1 +0.6
VARL	Varlez	74.82 321	↑P	P	P	19 21 35.0 +0.4
TESR	Tescani	74.87 322	↑P	P	P	19 21 35.5 +0.6
SCTR	Scanteiesti	74.92 321	↑P	P	P	19 21 36.4 +1.1
TLCR	Turk	74.93 320	↑P	P	P	19 21 36.0 +0.7
ECSD	EROS Data Cent	74.93 42	↑P	P	P	19 21 35.6 +0.2
ECSD	comp-Z,42nm,1.0s			Iamb	Iamb	19 21 36.8
ECSD	EROS Data Cent	74.93 42	↑P	P	P	19 21 35.6 +0.2
RUE	Ruedersdorf	74.94 333	↑P	P	P	19 21 35.5 +0.3
UZH	Uzhgorod	75.02 326	↑P	P	P	19 21 34.9 -0.8
E38A	The Farm, Brul	75.40 38	↑P	P	P	19 21 35.6 -0.2
E38A	comp-Z,43nm,1.0s			Iamb	Iamb	19 21 36.9
IZVR	Izvoarele	75.13 321	↑P	P	P	19 21 37.2 +0.9
CRVS	Cervencia-Dubn	75.14 326	↑P	P	P	19 21 37.3 +0.8
CRVS	comp-Z,43nm,1.0s			pmax	pmax	
CRVS	Cervencia-Dubn	75.14 326	↑P	P	P	19 21 37.2 +0.8
NIE	Niedzica	75.17 327	↑P	P	P	19 21 38.3 +1.7
JURR	Jurilovca	75.22 320	↑P	P	P	19 21 37.9 +0.9
CFR	Carcaliul	75.24 320	↑P	P	P	19 21 37.6 +0.5
KAC	Achnashellach	75.27 345	↑P	P	P	19 21 36.8 -0.2
ODBI	Odobesti	75.28 321	↑P	P	P	19 21 38.8 +1.6
BMR	Baia Mare	75.30 324	↑P	P	P	19 21 38.6 +1.2
TRP	Tarpa	75.33 305	↑P	P	P	19 21 38.3 +0.5
VRP	Vrncioaia	75.34 322	↑P	P	P	19 21 38.1 +1.1
TPGR	Topolog	75.36 320	↑P	P	P	19 21 38.7 +0.9
KSCO	Kaye Shedlock	75.37 49	↑P	P	P	19 21 38.2 +0.1
FLOR	Plostin	75.39 322	↑P	P	P	19 21 38.9 +1.0
TUC	Tucson	75.45 59	↑P	P	P	19 21 39.6 +1.0
TUC	comp-Z,18nm,1.0s			pmax	pmax	
TUC	Tucson	75.45 59	↑P	P	P	19 21 39.6 +1.0
TUC	comp-Z,18nm,1.0s			pmax	pmax	
KSP	Ksiaz	75.46 330	↑P	P	P	19 21 38.8 +0.5
SPMN	Marine on St.	75.56 39	↑P	P	P	19 21 38.8 -0.1
SPMN	Marine on St.	75.56 39	↑P	P	P	19 21 38.8 -0.1
OZUR	Voineasa-Covas	75.57 322	↑P	P	P	19 21 40.4 +1.4
COVR	Voineasa-Covas	75.59 322	↑P	P	P	19 21 40.2 +1.1
BISR	Bisoca	75.59 321	↑P	P	P	19 21 41.0 +1.9
GREP	Greben	75.61 321	↑P	P	P	19 21 41.2 +2.0
OKK	Ostrava-Krasne	75.63 329	↑P	P	P	19 21 40.6 +1.4
OKK	Ostrava-Krasne	75.63 329	↑P	P	P	19 21 40.6 +1.4
TIRR	Tirgusor	75.67 320	↑P	P	P	19 21 39.8 +0.3
TIRR	Tirgusor	75.67 320	↑P	P	P	19 21 39.8 +0.3
TIRR	comp-Z,96nm,0.9s			pmax	pmax	
TIRR	Tirgusor	75.67 320	↑P	P	P	19 21 39.8 +0.3
LANS	Liptovska Anna	75.70 328	↑P	P	P	19 21 41.6 +1.9
LANS	Liptovska Anna	75.70 328	↑P	P	P	19 21 41.6 +1.9
LANS	comp-Z,44nm,1.0s			pmax	pmax	
LANS	Liptovska Anna	75.70 328	↑P	P	P	19 21 41.6 +1.9
HARF	Harsova	75.71 320	↑P	P	P	19 21 40.7 +1.0
OSTC	Ostias	75.73 330	↑P	P	P	19 21 40.8 +1.0
T25A	Trinidad	75.75 52	↑P	P	P	19 21 41.3 +0.9
T25A	comp-Z,36nm,0.9s			Iamb	Iamb	19 21 42.6
T25A	Trinidad	75.75 52	↑P	P	P	19 21 41.1 +0.7
CHVC	Chvalec	75.76 330	↑P	P	P	19 21 40.9 +0.9
TLBR	Topalu	75.77 320	↑P	P	P	19 21 41.1 +1.0
UPC	Ustice	75.84 330	↑P	P	P	19 21 41.5 +1.1
UPC	Ustice	75.84 330	↑P	P	P	19 21 41.5 +1.1
DOPR	Dopca	75.85 322	↑P	P	P	19 21 41.6 +1.0
KECS	Kecovo	75.86 327	↑P	P	P	19 21 41.6 +1.1
KECS	comp-Z,18nm,1.0s			pmax	pmax	
KECS	Kecovo	75.86 327	↑P	P	P	19 21 41.6 +1.1
DPC	Dobruska-Polom	75.87 330	↑P	P	P	19 21 41.9 +1.3
DPC	Dobruska-Polom	75.87 330	↑P	P	P	19 21 41.9 +1.3
FLTG	Flechtingen	75.88 334	↑P	P	P	19 21 40.3 -0.2
FLTG	comp-Z,67nm,1.0s,baz=30,slow=5.7			pmax	pmax	
MFTR	Murfat	75.88 319	↑P	P	P	19 21 41.6 +0.9
UMR	Umm Al-Rimman	75.90 329	↑P	P	P	19 21 41.7 +0.6
MORC	Moravsky Berou	75.90 329	↑P	P	P	19 21 41.6 +0.8
MORC	Moravsky Berou	75.90 329	↑P	P	P	19 21 41.5 +0.7
MORC	comp-Z,66nm,1.0s			pmax	pmax	
MORC	Moravsky Berou	75.90 329	↑P	P	P	19 21 41.5 +0.7
MORC	comp-Z,66nm,0.9s			Iamb	Iamb	19 21 42.7
MORC	Moravsky Berou	75.90 329	↑P	P	P	19 21 41.5 +0.7
BGNE	Belgrade	75.92 45	↑P	P	P	19 21 41.3 +0.2
BGNE	comp-Z,60nm,0.8s			Iamb	Iamb	19 21 42.8
BGNE	Belgrade	75.92 45	↑P	P	P	19 21 41.0 -0.1
KRLC	Kraliky	75.93 330	↑P	P	P	19 21 42.1 +1.1
KRLC	Kraliky	75.93 330	↑P	P	P	19 21 42.1 +1.1
D41A	Chassel	75.94 36	↑P	P	P	19 21 41.1 +0.1
D41A	comp-Z,83nm,1.4s			Iamb	Iamb	19 21 42.5
MIB	Mutribah	75.96 298	↑P	P	P	19 21 41.8 +0.4
MLR	Muntele Rosu	75.97 320	↑P	P	P	19 21 41.3 +1.3
ISR	Istrita	76.00 321	↑P	P	P	19 21 43.0 +1.5
CJR	Cluj-Napoca	76.02 324	↑P	P	P	19 21 42.8 +1.2
AMRR	Amara	76.04 320	↑P	P	P	19 21 43.4 +1.8
NRDL	Niedersach Rie	76.08 335	↑P	P	P	19 21 42.0 +0.4
NRDL	comp-Z,42nm,1.3s,baz=30,slow=5.7			pmax	pmax	
ANMO	Albuquerque	76.16 54	↑P	P	P	19 21 43.6 +0.8
ANMO	Albuquerque	76.16 54	↑P	P	P	19 21 44.0 +1.3
ANMO	comp-Z,22nm,0.9s			pmax	pmax	
ANMO	Albuquerque	76.16 54	↑P	P	P	19 21 44.1 +1.3
ANMO	Albuquerque	76.16 54	↑P	P	P	19 21 44.1 +1.4
KBD	Kabd	76.17 297	↑P	P	P	19 21 43.1 +0.5
COLL	Collim	76.19 332	↑P	P	P	19 21 42.2 -0.1
COLL	comp-Z,82nm,1.0s			ePcP	PcP	19 21 53.0 -0.8
COLL	Collim	76.19 332	↑P	P	P	19 21 42.2 -0.1
COLL	comp-Z,82nm,1.0s			pmax	pmax	
COLL	Collim	76.19 332	↑P	P	P	19 21 42.1 -0.1
COLL	Collim	76.19 332	↑P	P	P	19 21 42.2 -0.1
ICNR	Bunyan	76.19 312	↑P	P	P	19 21 43.9 +1.2
BONN	Ion Corvin	76.23 227	↑P	P	P	19 21 44.1 +1.5
ASSE	Asse, Remlinge	76.23 334	↑P	P	P	19 21 42.9 +0.5
ASSE	comp-Z,56nm,1.5s,baz=30,slow=5.7			pmax	pmax	
I37A	Lemond, Waseca	76.22 40	↑P	P	P	19 21 43.3 +0.6
BRG	Berggiesshubel	76.25 332	↑P	P	P	19 21 42.9 +0.2
BRG	comp-Z,39nm,1.2s,baz=30,slow=5.7			Iamb	Iamb	19 21 44.2
BRG	Berggiesshubel	76.25 332	↑P	P	P	19 21 43.3 +0.6
BRG	comp-Z,39nm,1.2s			Iamb	Iamb	19 21 50.8 +8.1
BRG	Berggiesshubel	76.25 332	↑P	P	P	19 21 52.3
DRGR	Drasch	76.33 324	↑P	P	P	19 21 43.7 +0.4
PVCC	Panska Ves	76.33 331	↑P	P	P	19 21 44.2 +1.1
PVCC	Panska Ves	76.33 331	↑P	P	P	19 21 44.2 +1.1
QRN	Ion Corvin	76.33 227	↑P	P	P	19 21 44.1 +1.5
SCHO	Schefferville	76.35 20	↑P	P	P	19 21 43.6 +0.4
SCHO	comp-Z,43nm,0.7s,baz=351,slow=5.3,SNR=36			LR	LR	19 59 21.9
SCHO	comp-Z,47nm,18.4s,baz=31,slow=39			LR	LR	19 59 21.9
SCHO	Schefferville	76.35 20	↑P	P	P	19 21 43.5 +0.3
SCHO	comp-Z,64nm,0.9s			Iamb	Iamb	19 21 44.8
RST	Umm Al-Ruwaisa	76.38 298	↑P	P	P	19 21 43.9 +0.4
FBE	Freiberg	76.40 332	↑P	P	P	19 21 44.0 +0.1
FBE	comp-Z,7.5nm,1.2s,baz=30,slow=5.7			pmax	pmax	

VOIR	VOIR	76.41 322	↑P	P	P	19 21 45.2 +1.4
LENM	LeMidar	76.42 55	↑P	P	P	19 21 45.2 +1.0
RFA	Rafid	76.43 297	↑P	P	P	19 21 44.6 +0.5
RASA	Rasa	76.43 320	↑P	P	P	19 21 44.8 +1.0
SALA	Sala	76.47 321	↑P	P	P	19 21 44.5 +0.6
BALgarvo	Balgarovo	76.47 321	↑P	P	P	19 21 45.1 +1.2
VYHS	Vyhne	76.48 328	↑P	P	P	19 21 45.0 +0.9
VYHS	comp-Z,59nm,1.2s			pmax	pmax	
VYHS	Vyhne	76.48 328	↑P	P	P	19 21 45.0 +0.9
Y2ZD	YASSALCI	76.51 55	↑P	P	P	19 21 46.3 +1.6
PZS	Piszkesteto	76.55 327	↑P	P	P	19 21 45.3 +0.8
PSZ	Piszkesteto	76.55 327	↑P	P	P	19 21 44.6 +0.1
PSZ	comp-Z,57nm,1.0s			pmax	pmax	
PSZ	Piszkesteto	76.55 327	↑P	P	P	19 21 44.6 +0.1
PSZ	comp-Z,57nm,1.0s			Iamb	Iamb	19 21 46.7
CLZ	Clausthal	76.57 334	↑P	P	P	19 21 45.2 +0.7
CLZ	comp-Z,150nm,1.1s,baz=30,slow=5.7			pmax	pmax	
JAVC	Velka Javorina	76.62 328	↑P	P	P	19 21 46.6 +1.7
BNN	Barren Site	76.63 55	↑P	P	P	19 21 46.5 +1.1
VRAC	Vranov	76.64 329	↑P	P	P	19 21 46.0 +1.1
VRAC	Vranov	76.64 329	↑P	P	P	19 21 45.7 +0.8
NEUB	Neuberg	76.67 333	↑P	P	P	19 21 45.2 +0.1
G40A	Rib Lake	76.67 38	↑P	P	P	19 21 45.0 -0.2
GAZ	Gaziantep	76.69 310	↑P	P	P	19 21 45.7 +0.2
BR131	Reskin Array S	76.70 313	↑P	P	P	19 21 46.4 +0.8
BR131	Reskin Array S	76.70 313	↑P	P	P	19 21 46.4 +0.8
BRTR	Reskin Array B	76.70 313	↑P	P	P	19 21 45.9 +0.3
BRTR	comp-Z,10nm,0.7s,baz=74,slow=4.0,SNR=44			LR	LR	19 59 23.2
BRTR	comp-Z,43nm,18.3s,baz=64,slow=39			LR	LR	19 59 23.2
BRTR	Reskin Array B	76.70 313	↑P	P	P	19 21 46.5 +0.8
BRTR	comp-Z,11nm,0.7s			pmax	pmax	
BRTR	Reskin Array B	76.70 313	↑P	P	P	19 21 46.2 +0.6
STKA	Stevens Creek	76.75 185	↑P	P	P	19 21 46.4 +0.9
STKA	comp-Z,0.5nm,0.4s,baz=2.6,slow=5.9,SNR=3.9			LR	LR	19 59 23.3
STKA	Stevens Creek	76.75 185	↑P	P	P	19 21 46.2 +0.6
PRA	Prague	76.76 331	↑P	P	P	19 21 47.1 +1.5
PRU	Pruhonice	76.79 331	↑P	P	P	19 21 47.1 +1.0
PRU	Pruhonice	76.79 331	↑P	P	P	19 21 46.7 +1.0
PRU	AMS			AMS	AMS	19 51 00.0
BSZ	Besenyasz	76.90 326	↑P	P	P	19 21 48.2 +1.8
KRUC	Moravsky	76.92 329	↑P	P	P	19 21 47.2 +0.7
IBBN	Ibbentzen	76.94 336	↑P	P	P	19 21 46.7 +0.2
IBBN	comp-Z,65nm,0.9s,baz=30,slow=5.7			pmax	pmax	
GTGG	Gottingen	76.95 334	↑P	P	P	19 21 47.1 +0.5
DEV	Deva	76.97 324	↑P	P	P	19 21 48.1 +1.2
SMOL	Smolenice	76.99 328	↑P	P	P	19 21 48.3 +1.4
SMOL	comp-Z,36nm,1.2s			pmax	pmax	
SMOL	Smolenice	76.99 328	↑P	P	P	19 21 48.3 +1.4
319A	Douglas	77.02 59	↑P	P	P	19 21 48.8 +1.3
319A	comp-Z,58nm,0.9s					

27d 22h

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like CHN1 Nanshi, TWE Neicheng, SNST Tainan City, etc.

JMA 27 21:47:16.0±0.1, 36°60'N; 141°17'E, h38km±1km, M3.9
JMA Felt J1
NIED 27 21:47:16.0, 36°60'N; 141°17'E, h38km, MW3.8, Moment Tensor Solution...

2015 AUG

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like JHO Hitachi, JHYU Hitachinakyam, JFY Kawauchi, etc.

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Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like NOA NORSAR Array B, AKASG Main Array B, PDAR Pinedale Array, etc.

NEIC 27 21:54:12.9±0.8, 36.72°N; 0°02'49.5944"W; 0°009, h5km±6km, mb, Lg:0.844, Error ellipse: s-maj=2.2km s-min=1.0km

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like GC02 Grant County #, BLOK Blackwell, KAN13 South Haven SW, etc.

JMA 27 22:35:52.5, 24°12'N; 121°92'E, h56km±1km, M2.7
TAP 27 22:35:53.1, 24°18'N; 121°93'E, h53km, ML3.5, 3
ISC 27 22:35:53.5±1.2, 24°16'N; 0°02'12.98"E; 0.02, h48km±6km, n105, s193/191, Taiwan

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like EHP Heping Village, EWUT Wuta, ENA Nanau, etc.

TWC	Suao	0.46 345	i P	Pn	22 36 04.4 +0.2	
TWC	baz=355		i S	Sn	22 36 12.7 +0.9	
NDS	Dongshan	0.53 333	P	Pn	22 36 04.8 -0.2	
NDS	baz=337		S	Sn	22 36 13.1 -0.1	
NDT	Datong Townshi	0.61 316	i P	Pn	22 36 05.9 -0.2	
NDT	baz=319		S	Sn	22 36 15.0 0.0	
NNS	Nan Shan	0.62 297	P	Pn	22 36 05.8 -0.4	
NNS	baz=297		S	Sn	22 36 15.1 -0.3	
TWE	Neicheng	0.63 333	i P	Pn	22 36 06.4 +0.2	
TWE	baz=343		S	Sn	22 36 15.9 +0.5	
ILA	Ilan	0.64 341	eP	Pn	22 36 07.3 +1.0	
ILA	baz=346		eS	Sn	22 36 17.1 +1.5	
WHF	Hehuan Shan	0.65 269	i P	Pn	22 36 06.5 -0.4	
WHF	baz=260		S	Sn	22 36 16.2 -0.4	
EGFH	Guangfu	0.70 226	P	Pn	22 36 06.7 -0.5	
EGFH	baz=231		eS	Sn	22 36 16.6 -0.5	
NTC	Toucheng	0.70 349	i P	Pn	22 36 07.5 +0.3	
NTC	baz=3.0		S	Sn	22 36 17.7 +0.6	
CHGB	Renai	0.74 262	P	Pn	22 36 07.6 -0.4	
CHGB	baz=254		S	Sn	22 36 17.8 -0.6	
YHNB	Yeheng	0.75 313	P	Pn	22 36 07.5 -0.4	
YHNB	baz=307		eS	Sn	22 36 16.8 -1.5	
TDCB	Techi	0.76 277	eP	Pn	22 36 07.8 -0.2	
TDCB	baz=272		i P	Pn	22 36 07.7 -0.4	
OWD	Renai	0.76 255	i P	S	Sn	22 36 18.4 -0.4
OWD	baz=251		S	Sn	22 36 18.4 -0.4	
NSK	Sanguang	0.76 312	P	Pn	22 36 07.8 -0.3	
NSK	baz=307		eS	Sn	22 36 17.6 -1.0	
TIPB	Shuangxi	0.82 350	i P	Pn	22 36 09.2 +0.4	
TIPB	baz=1.0		S	Sn	22 36 20.5 +0.6	
HGSD	Ruisui	0.84 217	P	Pn	22 36 08.6 -0.4	
HGSD	baz=204		S	Sn	22 36 20.3 0.0	
TWB1	Santiao Chiao	0.84 1	P	Pn	22 36 08.8 -0.3	
TWB1	baz=17		eS	Sn	22 36 20.2 -0.3	
TWA	Mucha	0.89 336	P	Pn	22 36 10.2 +0.4	
TWA	baz=351		S	Sn	22 36 22.1 +0.4	
NHDH	Xindian Distri	0.90 333	P	Pn	22 36 10.0 +0.2	
NHDH	baz=327		S	Sn	22 36 22.4 +0.6	
NWF	Wu-fen Shan	0.92 349	P	Pn	22 36 10.5 +0.2	
NWF	baz=353		eS	Sn	22 36 22.2 -0.3	
JYNG	Yongunijimaki	0.93 72	P	Pn	22 36 10.7 +0.5	
JYNG	baz=327		S	Sn	22 36 23.2 +0.8	
WHP	Taichung City	0.95 277	P	Pn	22 36 10.9 +0.3	
WHP	baz=276		eS	Sn	22 36 23.1 0.0	
TAP	Taipei	0.97 334	eP	Pn	22 36 10.3 -0.6	
TAP	baz=325		eS	Sn	22 36 23.8 +0.2	
WCS	Beigang Elemen	0.98 264	eP	Pn	22 36 11.4 +0.5	
WCS	baz=261		eS	Sn	22 36 24.3 +0.5	
YULB	Yu-li	0.99 219	P	Pn	22 36 09.9 -1.2	
YULB	baz=214		eS	Sn	22 36 22.2 -1.7	
YOJ	Yonguniji jima	0.99 72	P	Pn	22 36 11.3 +0.3	
YOJ	baz=74		S	Sn	22 36 24.7 +0.8	
YOJ	Yonguniji jima	0.99 72	P	Pn	22 36 11.3 +0.3	
YOJ	baz=74		eS	Sn	22 36 24.6 +0.7	
LIOB	Emei	1.00 299	P	Pn	22 36 11.5 +0.3	
LIOB	baz=300		eS	Sn	22 36 24.2 -0.1	
NSTT	Nanjuang	1.01 298	P	Pn	22 36 11.7 +0.4	
NSTT	baz=299		eS	Sn	22 36 24.2 -0.1	
SSLB	Suanguang	1.01 249	P	Pn	22 36 11.1 -0.2	
SSLB	baz=245		eS	Sn	22 36 23.4 -1.1	
EYUL	Yuli	1.01 217	P	Pn	22 36 10.5 -0.9	
EYUL	baz=221		eS	Sn	22 36 25.5 +1.0	
SMLT	Sun Moon Lake	1.02 255	P	Pn	22 36 11.8 +0.1	
SMLT	baz=246		eS	Sn	22 36 26.0 +1.1	
YM01	YM01	1.05 339	P	Pn	22 36 11.3 -0.6	
YM01	baz=330		S	Sn	22 36 25.3 -0.2	
TYC	Yuchy	1.06 256	P	Pn	22 36 12.3 +0.4	
TYC	baz=248		eS	Sn	22 36 25.8 +0.2	
NCUH	Zhongli	1.08 318	eP	Pn	22 36 12.0 -0.3	
NCUH	baz=320		eS	Sn	22 36 26.3 +0.1	
NCU	National Centr	1.08 318	eS	Pn	22 36 27.3 +1.2	
NCU	baz=321		S	Sn	22 36 27.0 -0.7	
ANP	Anpu	1.10 338	P	Pn	22 36 12.0 -0.7	
ANP	baz=341		eS	Sn	22 36 26.6 -0.2	
NTST	Danshui	1.11 334	eP	Pn	22 36 12.6 -0.1	
NTST	baz=326		S	Sn	22 36 27.7 +0.6	
TWQ1	Liyutan	1.12 280	eP	Pn	22 36 14.9 +2.1	
TWQ1	baz=278		eS	Sn	22 36 28.3 +1.3	
WHYT	Xinyi Township	1.13 246	P	Pn	22 36 13.4 +0.5	
WHYT	baz=242		eS	Sn	22 36 27.6 +0.2	
NSY	Sanyi	1.14 283	eP	Pn	22 36 13.0 -0.1	
NSY	baz=282		eS	Sn	22 36 28.6 +0.9	
FULB	Fuli	1.15 213	P	Pn	22 36 12.6 -0.6	
FULB	baz=199		eS	Sn	22 36 27.7 -0.1	
NMLH	Miaoili	1.15 289	eP	Pn	22 36 13.2 0.0	
NMLH	baz=289		eS	Sn	22 36 27.6 -0.1	
TWY	Chenhuua	1.16 343	P	Pn	22 36 13.4 0.0	
TWY	baz=347		eS	Sn	22 36 27.6 -0.5	
TCU	Taichung	1.19 270	eP	Pn	22 36 14.9 +1.2	
TCU	baz=267					

TCU	baz=267		eS	Sn	22 36 30.2 +1.4
WJS	Zhushan	1.19 254	eP	Pn	22 36 15.2 +1.4
WJS	baz=250		eS	Sn	22 36 30.0 +1.2
CHKT	Chengkung	1.20 208	P	Pn	22 36 12.7 -1.1
CHKT	baz=194		eP	Sn	22 36 27.1 -1.9
WNT	Mingjian	1.22 257	eP	Pn	22 36 15.6 +1.5
WNT	baz=253		eS	Sn	22 36 31.6 +2.1
ALS	Alishan	1.25 239	P	Pn	22 36 15.5 +0.6
ALS	baz=226		eS	Sn	22 36 31.4 +0.5
WCHH	Zhanghua	1.30 267	eP	Pn	22 36 15.0 -0.3
WCHH	baz=264		eS	Sn	22 36 32.4 +0.9
ELDTW	Lidau	1.31 223	P	Pn	22 36 14.8 -0.7
ELDTW	baz=212		eS	Sn	22 36 30.4 -1.4
EDH	Donghe	1.33 208	P	Pn	22 36 14.9 -0.9
EDH	baz=195		eS	Sn	22 36 30.4 -1.9
WDLH	Douliu	1.40 251	P	Pn	22 36 17.6 +1.0
WDLH	baz=247		eS	Sn	22 36 35.9 +1.9
PCYT	Pengchaiyu	1.47 3	P	Pn	22 36 16.9 -0.7
PCYT	baz=7.0		eS	Sn	22 36 35.5 0.0
LONT	Longtian	1.47 212	eP	Pn	22 36 16.3 -1.3
LONT	baz=207		eS	Sn	22 36 35.1 -0.6
STYH	Taoyuan	1.48 228	P	Pn	22 36 18.1 +0.4
STYH	baz=216		eS	Sn	22 36 36.5 +0.6
WRL	Guolierlin Hig	1.49 260	eP	Pn	22 36 17.8 0.0
WRL	baz=257		eS	Sn	22 36 36.2 +0.1
TPUB	Ta-pu	1.50 236	P	Pn	22 36 18.9 +0.9
TPUB	baz=222		eS	Sn	22 36 38.1 +1.6
CHN2	Minshiang	1.51 246	eP	Pn	22 36 20.8 +2.7
CHN2	baz=232		eS	Sn	22 36 39.2 +2.5
WTK	Tuku	1.53 252	eP	Pn	22 36 19.5 +1.1
WTK	baz=261		eS	Sn	22 36 37.3 +0.2
WTP	Ta-pu	1.55 234	P	Pn	22 36 19.4 +0.8
WTP	baz=220		eS	Sn	22 36 38.9 +1.3
LDUT	Ludao	1.55 198	eP	Pn	22 36 17.2 -1.5
LDUT	baz=193		eS	Sn	22 36 35.5 -2.2
CHY	Chiayi	1.57 245	eP	Pn	22 36 19.7 +0.8
CHY	baz=231		eS	Sn	22 36 39.5 +1.4
TWGBT	Beinan	1.57 212	P	Pn	22 36 17.3 -1.7
TWGBT	baz=207		eS	Sn	22 36 36.0 -2.2
TWG	Pinlang	1.57 212	P	Pn	22 36 17.5 -1.4
TWG	baz=207		eS	Sn	22 36 35.8 -2.4
TTN	Taitung	1.59 209	eP	Pn	22 36 19.5 +0.2
TTN	baz=211		eS	Sn	22 36 39.1 +0.4
IRIF	Iriomote-Funau	1.61 83	P	Pn	22 36 19.7 +0.3
IRIF	baz=212		S	Sn	22 36 39.4 +0.4
TWK	Hsiyang	1.63 237	eP	Pn	22 36 20.5 +0.7
TWK	baz=232		eS	Sn	22 36 41.5 +1.8
CHN1	Nanshi	1.65 234	eP	Pn	22 36 21.3 +1.3
CHN1	baz=229		eS	Sn	22 36 41.4 +1.4
SNST	Tainan City	1.65 236	eP	Pn	22 36 20.7 +0.7
SNST	baz=230		eS	Sn	22 36 42.5 +2.4
SGST	Jiashian	1.67 230	eP	Pn	22 36 21.3 +0.9
SGST	baz=216		eS	Sn	22 36 42.2 +1.6
HATJ	Hateruma jima	1.67 93	eS	Sn	22 36 41.8 +1.2
SLGT	Lugui	1.69 227	eP	Pn	22 36 21.5 +0.9
SLGT	baz=221		eS	Sn	22 36 42.6 +1.6
WSF	Szhu	1.69 252	eP	Pn	22 36 21.0 +0.4
WSF	baz=260		eS	Sn	22 36 42.8 +1.8
ICHU	Yijhu	1.75 243	eP	Pn	22 36 22.6 +1.2
ECL	Taimali	1.82 211	eP	Pn	22 36 20.9 -1.4
ECL	baz=206		eS	Sn	22 36 41.0 -3.2
JKRS	Kuro-shima	1.85 87	P	Pn	22 36 23.6 +0.8
JKRS	baz=211		S	Sn	22 36 41.1 +0.0
SCST	Cishan	1.86 227	eP	Pn	22 36 25.1 +2.2
SCST	baz=221		eS	Sn	22 36 48.2 +3.0
SSD	Sandimen	1.87 222	eP	Pn	22 36 23.1 0.0
SSD	baz=216		eS	Sn	22 36 47.6 +2.0
TSMG	Majia	1.90 220	P	Pn	22 36 25.1 +1.7
TSMG	baz=203		eS	Sn	22 36 47.4 +1.3
MASBT	Mashibuluo	1.98 219	P	Pn	22 36 24.6 +0.1
MASBT	baz=203		eS	Sn	22 36 51.0 +3.0
JJJ	Ishigaki jima	1.98 84	P	Pn	22 36 24.9 +0.3
JJJ	baz=203		S	Sn	22 36 47.4 -0.9
LAY	Lan-yu	2.15 191	eP	Pn	22 36 25.4 -1.5
JISG	Dashijiu	2.17 78	P	Pn	22 36 27.7 +0.6
JISG	baz=211		S	Sn	22 36 52.3 -0.5
SCZT	Fangliang	2.17 215	eP	Pn	22 36 29.5 +2.2
SCZT	baz=209		eS	Sn	22 36 54.8 +1.9
SLIU	Shizi	2.22 210	eP	Pn	22 36 27.2 -0.6
SLIU	baz=206		eS	Sn	22 36 28.1 -0.8
PNG	Penghu	2.30 256	eP	Pn	22 36 33.6 +2.8
PNG	baz=253		eS	Sn	22 36 29.5 -1.4
HEH	Hengchun	2.43 208	eP	Pn	22 36 31.8 -0.2
HEH	baz=216		eS	Sn	22 36 32.9 -1.7
VWUC	VWUC	2.45 290	eP	Pn	22 36 32.9 -1.7
VWUC	baz=291		eS	Sn	22 36 54.8 +1.9
VCHM	Qimei	2.52 248	eP	Pn	22 36 31.8 -0.2
VCHM	baz=245		eS	Sn	22 36 32.9 -1.7
MATB	Ma-tsu	2.71 318	eP	Pn	22 36 32.9 -1.7
MATB	baz=319		eS	Sn	22 36 33.1 -1.7
PTMZ	Houtangcun	2.75 289	eP	Pn	22 36 33.1 -1.7
PTMZ	baz=290		eS	Sn	22 36 38.4 -1.7
LYJJ	Jianjiangzhen	3.11 320	eP	Pn	22 36 38.4 -1.7
LYJJ	baz=322		eS	Sn	22 36 39.4 -1.9
XPSS	Dashiou	3.20 330	eP	Pn	22 36 43.7 +1.8
XPSS	baz=332		eS	Sn	22 36 40.5 -2.1
KNM	Kinmen	3.25 275	eP	Pn	22 36 40.5 -2.1
KNM	baz=263		eS	Sn	
MHZO	Yeshan	3.30 306	eP	Pn	

AXDP	Jialang	3.73 282	eP	Pn	22 36 47.0 -1.5
ZPLA	Ao Xicus	3.87 267	eP	Pn	22 36 48.7 -1.8
ZPLA	baz=265				
NIED 27:22:37:50.7,36:61N:141:17E,h38km,MW3.8,Moment Tensor Solution. s3 Moment tensor: Scale 10 ¹⁴ Nm; M ₁ -3.36; M ₂ -1.29; M ₃ 4.65; M ₄ -1.84; M ₅ 1.40; M ₆ 1.05; Fault plane solution: Mo4.860000x10 ¹⁴ NP1: 0s164.00000s; s58.00000s; λ-130.00000s. NP2: 0s42.00000s; s50.00000s; λ-45.00000s. JMA 27:22:37:50.7±0.1,36:61N:141:17E,h38km±1km,M3.9 JMA Fault J1 NEIC 27:22:37:53.6±1.2,36:61N:0:05:141:1E:0:1,h34km,7km, mb4.4/12,Error ellipse: s-maj=14.0km s-min=4.6km az=119.0 IDC 27:22:37:54.4±2.3,36:52N:141:1E,h50km±22km,mb3.6/12, mb1.3/8/16,mb1mx3.6/50,mbtmp3.8/16,ML3.4/3,MS2.5/2, Ms1.2/5.2,ms1mx2.3/35,Error ellipse: s-maj=21.6km s-min=11.9km az=69.0 ISC 27:22:37:51.7±1.8,36:63N:0:04:141:16E:0:06,h23km±12km, n60,c1936/67,mb4.0/17,Near east coast of eastern Honshu					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC h m s ISC
JHO	Hitachi	0.48 268	P	Pb	

Table with columns: WHN, GUMO, BTO, XAN, ENH, PETK, PETK, ULN, SONM, SONM, WAKE, SLVN, PBKT, CHTO, CMAR, TIXI, BKB, ZAAO, ZALV, ZALV, MK31, MKAR, MKAR, MKAR, AAK, GSI, KNRA, BRVK, PPLA, KK31, NIL, NEA2, SEW, GAR, RND, GHO, WBO, MDM, WRA, KNK, WR0, SML, TKOL, HDL, ILAR, ILAR, SCM, CHGR, GLI, BMAR, N25K, BMRM, MENT, MCARA, K27K, L27K, BCAR, ARU, AS31, ASAR, PSAAO, EPYK, HRA, STKA, STKA, ARCES, FINES, KBZ, LHM, AKASG, YBH, E09A, E09A, K05A, NB2, NB2, BMO, JTMT, JTMT, J08A

Table with columns: J08A, WWOR, WWHR, PAHR, CMB, BRTR, EGMT, DLMT, DLMT, BMN, BMN, KVN, LHV, NVAR, NV11, NV11, ELK, ELK, TPH, IMW, IMW, FLWY, FLWY, MOOW, HUU, REDW, REDW, R11A, R11A, SPR3, SPR3, TPV3, TPV3, HWUT, HWUT, DUG, DUG, CLL, PRN, PRN, BW06, PD31, PDAR, PSUT, PSUT, GSC, GSC, NLU, NLU, SHPR, SHPR, CCUT, CCUT, MVU, MSU, PFO, LCMT, LCMT, P17A, RDMU, MTPU, MTPU, GERE, GERE, KNB, PKCU, PKCU, ULM, ULM, SRU, W13A, U15A, U15A, PV23, PV17, PV16, PV16, PV11, PV11, PV03, PV03, PV13, PV13, Y14A, Y14A, PV01, PV01, SMC0, SMC0, F33A, ECSD, ECSD, LEMN, TX31, TX32, TX32, TXAR, TXAR, SAML, LPAZ, LPAZ

Table with columns: KAN17, KAN17, KS21, KS21, KAN06, KAN06, GC02, GC02, KAN14, KAN14, BLOK, BLOK, KAN08, KAN08, KAN12, KAN12, KAN12, KAN10, OK032, OK032, CROK, CROK, T35A, T35A, QUOK, QUOK, OK031, OK031, OK029, OK029, OK025, OK025, OKCF, OKCF, OKCSW, OKCSW, F32A, F32A, FNO, FNO, KSU1, KSU1, X34A, X34A, WMOK, WMOK, USBA, USBA, HHAR, HHAR, X37A, X37A, LOOK, LOOK, S39A, S39A, W39A, W39A, Z35A, Z35A, U40A, U40A, AMTX, AMTX, P38A, P38A, MIAR, MIAR, MGMO, MGMO, R40A, R40A, BGNE, BGNE, KSCO, KSCO, FCAR, FCAR, WHAR, WHAR, WLAR, WLAR, P40A, P40A, L34A, L34A, CCM, CCM, T22A, T22A, LCAR, LCAR, 237A, 237A, OGNE, OGNE, K31A, K31A, PBMO, PBMO, NATX, NATX, SCIA, SCIA, 435B, 435B, S44A, S44A, K38A, K38A, JCT, JCT, L40A, L40A, O44A, O44A, PLAL, PLAL, T47A, T47A, M44A, M44A, RSSD, RSSD, F33A, F33A, K22A, K22A, WCI, WCI, K43A, K43A, CLTN, CLTN, P48A, P48A, R49A, R49A, N47A, N47A

IDC 27 23:10:14.1+4.2.717S:147.31E,h0km,mb2.9/1, mb1 3.8/2,mb1mx3.4/1.7,mbtmp3.5/2,ML3.6/1, Error ellipse: s-maj=147.5km s-min=50.8km az=115.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC

NEIC 27 23:20:05.4+0.5,37.057N,0.005E:97.52W,0.01h,6km,6km, Error ellipse: s-maj=1.7km s-min=0.8km az=102.0, Kansas

IDC 27 23:20:19.3+4.5,5.26S:132.17E,h0km,mb3.5/1, mb1 3.4/3,mb1mx3.3/30,mbtmp3.2/3,ML3.2/2, Error ellipse: s-maj=291.5km s-min=32.2km az=74.0,uru islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC

IDC 27 23:31:59.4+0.8,34.40N:25.68E,h0km,mb4.0/11, mb1 4.0/20,mb1mx3.8/35,mbtmp3.9/20,ML3.6/9,MS3.3/4, Ms1 3.3/4,ms1mx2.6/52, Error ellipse: s-maj=16.0km s-min=12.1km az=176.0, ISK 27 23:32:02.5,34.36N:25.74E,h22km,ML3.8/16, ATH 27 23:32:02.5,34.35N:25.64E,h42km,ML3.9/6, Error ellipse: s-maj=17.5km s-min=1.6km az=356.0, HLW 27 23:32:04.0,34.30N:25.93E,h11km,7km,Md3.9,MI4.2, NIC 27 23:32:04.9,0.0,34.36N:26.00E,h23km,2km,MI3.97, THE 27 23:32:05.1,34.49N:25.61E,h6km,2km,ML3.6/6, Error ellipse: s-maj=2.6km s-min=0.8km az=64.0, DDA 27 23:32:12.7,34.99N:26.34E,h8km,4km,MMW3.6, ISC 27 23:32:02.6+1.3,34.35N:25.75E,0.03,h25km,10km, n146,e245/193,mb3.9/15,SC-12,Crete

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station identifiers. Includes stations like FRMA Ierapetra Chan, ZKR Zakros, STIA Sita Lasithi, etc.

Table with columns: KEPZ, AKMS, AKMS, etc., and various station identifiers. Includes stations like KEPZ Akamas, AKMS Akamas, AKMS comp=E, 1.0nm, 0.5s, etc.

h123km,6km,mb4.9/241, Error ellipse: s-maj=12.7km s-min=9.1km az=103.0, IDC 27.23:40:51.4z, 1.2, 17.94N; 145:59E, h147km, 10km, mb4.2/22, mb1 4.3/25, mb1mx4.2/33, mbtmp4.6/25, MS3.3/17, Ms1 3.3/17, ms1mx3.1/45, Error ellipse: s-maj=16.1km s-min=7.6km az=95.0, GCMT 27.23:40:52.0z, 0.5, 17.94N; 0:03:145:82E:0:03, h157km, 5km MW4.9/84, Moment Tensor Solution. s10, c10; s84, c98; Duration: 0 Moment tensor: Scale 10^16Nm; Mm-1.16z, 12; Mm-1.38z, 14; Mm2.54z, 16; Mm-1.3z, 0z; Mm-1.25z, 17; Mm0.77z, 11; Best double couple: M=2.9100x10^16 N; P=3.2400x10^16 N; N=3.5100x10^16 N; lambda=20.00000; NP2%: 127.00000, 3.740.00000; lambda=139.00000; Principal axes: T 3.90, P1g15.00000, Azm251.00000; N -0.5780, P1g47.00000; Azm144.00000; P -2.6210, P1g40.00000; Azm353.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station identifiers. Includes stations like SARN Sarigan, ANA2 Anatahan, ANA2 Anatahan, GUMO Guam, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KMRM, H04A, I04A, F05D, M02C, YBH, YBHL, LTY, J04D, G05D, L04D, N02D, O02D, WDC, K04D, B08A, M04C, J05D, O03E, C09A, MOD, AFDM, NEW, BEKR, J08A, CMB, WVOR, PNTR, YERR, PAGB, ARVC, ARCES, PKM, LHV, KVN, NVAR, SBC, BMN, MFID, MSO, ARVC, SNCO, ISA, CWC, NEEM, GRAC, HLID, EDWZ, LRM, ELK, ELK, FURC, TPNV, R11A, GSC, GSC, BOZ, BOZ, EGMT, TRU, PRN, HVU, PFO, PFO, YMR, YMR, YHH, BELC, GMRC, MONP2, PSUT, SPUT, IMW, DUG, DUG, IKP, BC3, AHID, IRM.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like HWUT, CCUT, RLMT, NLU, TCUT, SZCU, FFC, FINES, LCMT, JLU, GLA, GLA, PDMC, KNB, MTPU, BW06, PDAR, PKCU, TMUT, Q16A, U15A, LAO, LAO, SRU, Y14A, WUAZ, WUAZ, 214A, 214A, O20A, O20A, PV21, K22A, PV20, PV04, PV12, PV13, MVCO, MVCO, TUC, TUC, RSSD, N23A, SMCO, ISCO, ISCO, S22A, SDCO, ULM, ULM, 121A, ANMO, ANMO, ANMO, LPIG, TXAR, TORD, TORD, LVC, LPAZ, SIV, NEIC 28 00:01:16.8h:1.4, 36:32N:0:02:98:11W:0:04, h5km,2km, mb Lg2.8/61 Error ellipse: s-maj=5.6km s-min=3.0km.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like WMOK, X34A, R32A, R32A, LOOK, X37A, U38A, KSU1, KSU1, AMTX, AMTX, HHAR, W39A, ABTX, ABTX, Z38A, Z38A, S39A, S39A, MIAR, MIAR, U40A, U40A, WHTX, N33A, MSTX, KSCO, KSCO, X40A, MGMO, WHAR, FCAR, WLAR, P38A, R40A, T25A, 435B, LCAR, CCAR, P40A, JCT, K31A, ISCO, S44A, SIUC, Q44A, OLIL, Q44A, L42A, T47A, PV14, JFWS, SFIN, VAO 28 00:02:56.9:1.0, 24:39S:69:82W, h10km, mb4.5, SJA 28 00:03:39.5:1.1, 24:20S:66:99W, h202km, 10km, ML4.2, MW4.3, IDC 28 00:03:40.1:1.3, 24:16S:66:86W, h185km, 11km, mb3.3/5, mb1.35/10, mb1mx3.3/29, mbtmp3.8/10, Error ellipse: s-maj=19.9km s-min=16.4km az=42.0, NEIC 28 00:03:40.9:2.1, 24:14S:0:07:67:0W:0.1, h208km, 9km, mb4.2/5, ML4.6(GUC), Error ellipse: s-maj=14.1km s-min=9.8km az=91.0, GUC 28 00:03:42.0:0.5, 24:01S:67:25W, h229km, 4km, ML4.2, ISC 28 00:03:40.2:0.6, 24:13S:0:04:66:98W:0.04, h202km, 6km, n121, e130/150, mb3.6/7, 12C-1D, Salt Province.

28d Oh

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like PB10, PB04, PB07, etc.

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Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like AKUT, AKOF, ATKA, etc.

1398

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like SOKA, OBKA, BRTR, etc.

28D 1h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BMRM Bremer River, HMT Hamilton, J20K Nowinta River, etc.

TUL 28 01:47:58.5±1.5, 36.07N±0.02, 97.58W±0.06, h3km, 8km, ML2.6, mb_Lg2.6/3(NEIC), Error ellipse: s-maj=6.8km s-min=2.4km az=67.0

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CROK Carrier, OK025 Westminster Rd, OK031 S. Brethren Rd, etc.

JMA 28 01:55:43.7±0.1, 24.35N±121.98E, h66km±2km, M2.5 TAP 28 01:55:44.1, 24.39N±122.01E, h60km, ML3.3, 4

1400

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NWF Wu-fen Shan, WFSB Wu-fen Shan, WFSB Wu-fen Shan, etc.

IDC 28 01:55:58.3±2.8, 18.07N±99.37W, h50km±23km, mb3.8/13, mb1.0/17, mb1mx3.8/47, mbtmp4.0/17, ML3.6/4, MS3.3/8, M1 3.4/8, ms1mx3.0/36, Error ellipse: s-maj=37.0km s-min=13.3km az=39.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PLIG Platanillo, PLIG Platanillo, PLIG Mezcala, etc.

Table with columns: VNA2, Neumayer-Watz, 66.92 161, P, P, 04 22 44.6 +0.8, etc. Lists various astronomical observations with coordinates and magnitudes.

Table with columns: C09A, comp=Z, 15nm, 1.4s, Iamb, Iamb, 04 23 43.9, etc. Lists astronomical observations with coordinates and magnitudes.

Table with columns: PENT, PENT, comp=N, 126µm, 0.4s, S, AML, Sg, 04 18 12.4 +1.0, etc. Lists astronomical observations with coordinates and magnitudes.

IDC 28 04:21:32.6;9.5;0.35N;122.84E;h142km;88km;mb3.8/4, mb1 3.9/S; mb1mx3.4/4.5; mbtmp4.2/S; Error ellipse: s-maj=124.3km s-min=17.8km az=57.0 NEIC 28 04:21:34.0;5.0;0.2NL;0.1;122.72E;0.1;h157km;9km; mb4.3/17; Error ellipse: s-maj=21.0km s-min=14.9km az=79.0 DJA 28 04:21:36.3;0.7;0.1N;8.12E;h137km;9km;M4.1/8, mb4.4/3;MLV4.0/8 ISC 28 04:21:34.0;0.7;0.21N;0.06;122.57E;0.07;h150km;h32, s=161/35;mb4.2/1.0;Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, etc. Lists station information and observation results.

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC
TOO	comp=Z,8.4nm,0.8s								
IAmb	IAmb								
04 29 21.4									
MK31	Makanchi Array	58.21	328	P	P	04	31	11.8	-0.6
MKAR	Makanchi Array	58.21	328	P	P	04	31	12.1	-0.3
comp=Z,1.4nm,0.6s,baz=125,slow=7.9,SNR=15									
TAP 28 04:34:08.6,24:09N,122:70E,h27km,ML3.1,D									
JMA 28 04:34:09.2,1.0,24:04N,122:68E,h19km,2km,ML2.7									
ISC 28 04:34:08.2,1.0,24:04N,122:67E,0.02,h16km,8km,n93,0594/174,Taiwan region									
Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s <td>ISC</td>	ISC
JYNG	Yonagunijimaku	0.48	31	Op	ISC	04	34	18.0	+0.1
JYNG	Yonagunijimaku	0.48	31	Op	Pg	04	34	20.0	-0.4
YOJ	Yonaguni jima	0.52	36	P	Sg	04	34	18.8	+0.1
YOJ	Yonaguni jima	0.52	36	P	Sg	04	34	25.3	-0.4
YOJ	Yonaguni jima	0.52	36	P	Sg	04	34	18.7	0.0
YOJ	Yonaguni jima	0.52	36	P	Sg	04	34	25.6	-0.1
EWUT	Wuta	0.91	297	P	Pb	04	34	25.0	-0.7
EWUT	Wuta	0.91	297	P	Pb	04	34	25.0	-0.7
ENA	Nanau	0.94	295	P	Pb	04	34	25.6	-0.5
ENA	Nanau	0.94	295	P	Pb	04	34	25.6	-0.5
TWC	Suao	0.94	307	iP	Pb	04	34	23.7	+0.5
TWC	Suao	0.94	307	iP	Pb	04	34	23.7	+0.5
ETL	Fush Village	0.97	277	P	Pb	04	34	27.1	+0.4
ETL	Fush Village	0.97	277	P	Pb	04	34	27.1	+0.4
TWD	Chiawan	0.98	273	P	Pb	04	34	27.2	+0.3
TWD	Chiawan	0.98	273	P	Pb	04	34	27.2	+0.3
NACB	Ninganchiao	0.99	278	P	Pb	04	34	27.5	+0.4
NACB	Ninganchiao	0.99	278	P	Pb	04	34	27.5	+0.4
TEYL	Yanliau Villag	1.00	261	eP	Pg	04	34	28.4	+0.8
TEYL	Yanliau Villag	1.00	261	eP	Pg	04	34	28.4	+0.8
IRIF	Iriomote-Funau	1.01	73	P	Pb	04	34	27.4	0.0
IRIF	Iriomote-Funau	1.01	73	P	Pb	04	34	27.4	0.0
HATJ	Hateruma jima	1.03	89	P	Pb	04	34	27.9	+0.1
HATJ	Hateruma jima	1.03	89	P	Pb	04	34	27.9	+0.1
NDS	Dongshan	1.06	304	P	Pb	04	34	28.0	-0.1
NDS	Dongshan	1.06	304	P	Pb	04	34	28.0	-0.1
ETM	Tongmen	1.08	267	P	Pb	04	34	28.1	-0.5
ETM	Tongmen	1.08	267	P	Pb	04	34	28.1	-0.5
ETLH	Xiulin Townshi	1.10	279	P	Pb	04	34	28.8	-0.2
ETLH	Xiulin Townshi	1.10	279	P	Pb	04	34	28.8	-0.2
ILA	Ilan	1.11	311	P	Pb	04	34	28.4	-0.8
ILA	Ilan	1.11	311	P	Pb	04	34	28.4	-0.8
NTC	Toucheng	1.12	317	P	Pn	04	34	29.3	0.0
NTC	Toucheng	1.12	317	P	Pn	04	34	29.3	0.0
TWE	Neicheng	1.14	307	P	Pb	04	34	29.2	-0.4
TWE	Neicheng	1.14	307	P	Pb	04	34	29.2	-0.4
TWB1	Santia Chiao	1.15	327	eP	Pb	04	34	29.9	+0.2
TWB1	Santia Chiao	1.15	327	eP	Pb	04	34	29.9	+0.2
ESL	Shilin	1.16	259	iP	Pn	04	34	28.8	-1.0
ESL	Shilin	1.16	259	iP	Pn	04	34	28.8	-1.0
NDT	Datong Townshi	1.20	298	P	Sb	04	34	30.6	+0.2
NDT	Datong Townshi	1.20	298	P	Sb	04	34	30.6	+0.2
TIPB	Shuangxi	1.21	321	eP	Pb	04	34	31.1	+0.2
TIPB	Shuangxi	1.21	321	eP	Pb	04	34	31.1	+0.2
JKRS	Kuro-shima	1.24	80	P	Pb	04	34	31.7	+0.5
JKRS	Kuro-shima	1.24	80	P	Pb	04	34	31.7	+0.5
NNS	Nan Shan	1.25	289	iP	Sg	04	34	31.6	+0.4
NNS	Nan Shan	1.25	289	iP	Sg	04	34	31.6	+0.4
HGSD	Ruisui	1.27	245	P	Pn	04	34	30.4	-0.9
HGSD	Ruisui	1.27	245	P	Pn	04	34	30.4	-0.9
WHF	Hehuan Shan	1.29	275	iP	Pb	04	34	32.2	+0.1
WHF	Hehuan Shan	1.29	275	iP	Pb	04	34	32.2	+0.1
NWF	Wu-fen Shan	1.31	322	eP	Pb	04	34	32.6	0.0
NWF	Wu-fen Shan	1.31	322	eP	Pb	04	34	32.6	0.0
WFSB	Wu-fen Shan	1.31	322	eP	Pb	04	34	32.4	-0.1
WFSB	Wu-fen Shan	1.31	322	eP	Pb	04	34	32.4	-0.1
FUSS	Fushou	1.32	279	iP	Pb	04	34	32.9	0.0
FUSS	Fushou	1.32	279	iP	Pb	04	34	32.9	0.0
ECBN	Changbin	1.33	298	P	Pn	04	34	31.9	-0.3
ECBN	Changbin	1.33	298	P	Pn	04	34	31.9	-0.3
YHNB	Yeheng	1.34	298	eP	Pb	04	34	33.3	+0.2
YHNB	Yeheng	1.34	298	eP	Pb	04	34	33.3	+0.2
EHY	Hungye	1.34	247	P	Pn	04	34	31.7	-0.7
EHY	Hungye	1.34	247	P	Pn	04	34	31.7	-0.7
NSK	Sanguang	1.36	298	P	Pb	04	34	33.7	+0.3
NSK	Sanguang	1.36	298	P	Pb	04	34	33.7	+0.3
CHGB	Renai	1.37	271	P	Pn	04	34	33.2	+0.2
CHGB	Renai	1.37	271	P	Pn	04	34	33.2	+0.2
OWD	Renai	1.37	267	P	Pn	04	34	33.1	+0.2
OWD	Renai	1.37	267	P	Pn	04	34	33.1	+0.2
TNOU	National Taiwa	1.38	324	eP	Pn	04	34	31.1	-1.7
TNOU	National Taiwa	1.38	324	eP	Pn	04	34	31.1	-1.7
JUJ	Ishigaki jima	1.38	76	P	Pb	04	34	33.3	-0.4
JUJ	Ishigaki jima	1.38	76	P	Pb	04	34	33.3	-0.4
TWT	Tachien	1.39	279	P	Pn	04	34	34.3	+0.4
TWT	Tachien	1.39	279	P	Pn	04	34	34.3	+0.4
TDCB	Techi	1.40	279	eP	Pb	04	34	34.7	+0.6
TDCB	Techi	1.40	279	eP	Pb	04	34	34.7	+0.6
YULB	Yu-li	1.41	243	P	Pn	04	34	33.0	-0.4
YULB	Yu-li	1.41	243	P	Pn	04	34	33.0	-0.4
EYUL	Yuli	1.42	241	P	Pn	04	34	32.3	-1.1
EYUL	Yuli	1.42	241	P	Pn	04	34	32.3	-1.1
TATO	Taipei	1.43	311	eP	Pg	04	34	35.5	-0.3
TATO	Taipei	1.43	311	eP	Pg	04	34	35.5	-0.3
TATO	Taipei	1.43	311	eP	Pg	04	34	35.5	-0.3

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC
TWF1	Yuli	1.43	242	P	Pn	04	34	33.5	-0.1
TWF1	Yuli	1.43	242	P	Pn	04	34	33.5	-0.1
YM01	Yuli	1.49	318	eS	Sb	04	34	54.5	+0.1
FULB	Fuli	1.52	237	P	Sn	04	34	33.9	-0.8
FULB	Fuli	1.52	237	P	Sn	04	34	33.9	-0.8
CHKT	Chengkung	1.52	232	P	Pn	04	34	33.4	-1.3
CHKT	Chengkung	1.52	232	P	Pn	04	34	33.4	-1.3
JISG	Ishigakijimahi	1.59	70	P	Sn	04	34	36.0	+0.2
JISG	Ishigakijimahi	1.59	70	P	Sn	04	34	36.0	+0.2
SSLB	Suanguang	1.59	261	eP	Pb	04	34	36.9	-0.4
SSLB	Suanguang	1.59	261	eP	Pb	04	34	36.9	-0.4
WHP	Taichung City	1.60	279	P	Pn	04	34	37.5	+0.1
WHP	Taichung City	1.60	279	P	Pn	04	34	37.5	+0.1
DPDB	Guoxing	1.60	270	P	Pb	04	34	36.5	+0.6
DPDB	Guoxing	1.60	270	P	Pb	04	34	36.5	+0.6
LIOB	Emel	1.63	292	eP	Pb	04	34	38.5	+0.6
LIOB	Emel	1.63	292	eP	Pb	04	34	38.5	+0.6
SMLT	Sun Moon Lake	1.63	265	P	Pn	04	34	36.5	+0.1
SMLT	Sun Moon Lake	1.63	265	P	Pn	04	34	36.5	+0.1
EDH	Donghe	1.64	230	iP	Pn	04	34	35.6	-0.9
EDH	Donghe	1.64	230	iP	Pn	04	34	35.6	-0.9
YUCR	Yuchr	1.67	266	P	Pn	04	34	37.7	+0.1
YUCR	Yuchr	1.67	266	P	Pn	04	34	37.7	+0.1
YUS	Yu-Shan	1.67	251	P	Pn	04	34	37.0	+0.5
YUS	Yu-Shan	1.67	251	P	Pn	04	34	37.0	+0.5
WHYT	Xinyi Township	1.70	259	eP	Pb	04	34	38.9	-0.2
WHYT	Xinyi Township	1.70	259	eP	Pb	04	34	38.9	-0.2
ELDTW	Lidau	1.74	241	P	Pn	04	34	37.1	-0.8
ELDTW	Lidau	1.74	241	P	Pn	04	34	37.1	-0.8
TWQ1	Liyutan	1.76	281	iP	Pb	04	34	40.4	+0.2
TWQ1	Liyutan	1.76	281	iP	Pb	04	34	40.4	+0.2
ALS	Alishan	1.79	253	iP	Pn	04	34	38.6	-0.1
ALS	Alishan	1.79	253	iP	Pn	04	34	38.6	-0.1
WVF	Wufeng	1.81	271	P	Pb	04	34	41.0	+0.1
WVF	Wufeng	1.81	271	P	Pb	04	34	41.0	+0.1
LONT	Longtian	1.81	232	iP	Pn	04	34	38.6	-0.1
LONT	Longtian	1.81	232	iP	Pn	04	34	38.6	-0.1
WNT	Mingjian	1.83	265	P	Sn	04	35	02.4	+1.4
WNT	Mingjian	1.83	265	P	Sn	04	35	02.4	+1.4

28d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other station-specific data. Includes stations like T35B Sooner Cattle, OKCFA Oklahoma City, and various other locations.

Station coordinates and identifiers:
IDC 28 05: 16:00.9.0.9, 6.23S, 150.01E, h39km, 7km, mb3.8/9, mb1.4/10, mb1mx3.7/4, mbtmp4.0/10, ML3.6/1, MS3.5/10, Ms1.3/10, ms1mx3.4/28, Error ellipse: s-maj=36.5km s-min=15.3km az=96.0
NEIC 28 05: 16:03.8.1.5, 6.15S, 0.04x149.7E, 0.1, h14km, 7km, mb4.3/12, Error ellipse: s-maj=17.3km s-min=4.4km az=103.0
DJA 28 05: 16:07.0.0.5, 6.15S, 15.0E, h139km, 10km, M4.7/6, mb4.6/6, mB4.8/3, MLV4.8/2, Mw(mB)4.0/3, Mw(mwp)6.1/1, Mw(mw)6.1/1
ISC 28 05: 16:02.7.0.5, 6.12S, 0.08x149.7E, 0.1, h50km, n36, c1949/31, mb4.2/10, MS3.6/9, New Britain region

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other station-specific data. Includes stations like RABUL Rabaul, ASAR Alice Springs, WRA Warramunga Arr, and various other locations.

1406

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other station-specific data. Includes stations like NACB baz=300, ETM Tongmen, WUT Wuta, and various other locations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BBGH, MPOM, MCLT, SLBI, etc.

ISC 28 07:30:15.1,3.2,13.82N,0.07:58.4W,0.2,h10km,n22, e+113/32, North Atlantic Ocean

IDC 28 07:33:18.0,3.4,53.76N,88.12E,h0km,mb1 3.1/2, mb1mx3.0/44, mbtmp3.1/2, ML2.8/2, Error ellipse: s-maj=35.0km s-min=19.2km az=84.0

NNC 28 07:33:18.2,3.5,53.69N,88.13E,h0km,mb3.5,mpv3.1, Error ellipse: s-maj=28.3km s-min=14.4km az=56.0, Suspected Mining explosion.

ISC 28 07:33:19.0,3.7,53.88N,0.1:88.0E:0.2,h0km,n8,e070/13, 8C-3D Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU, ZAAO, ZALV, etc.

WEL 28 07:51:13.8,0.7,44.5,4.168E,h5km,M3.7/8,ML3.9/8, MLV3.7/8, Error ellipse: s-maj=0.0km s-min=0.0km az=130.4, South Island

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

IDC 28 08:28:24.8,8.8,18.38S,170.83E,h261km,50km,mb3.3/3, mb1 3.4/4, mb1mx3.1/34, mbtmp3.9/4, Error ellipse: s-maj=112.4km s-min=80.4km az=122.0, Vanuatu

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

NEIC 28 08:46:47.0,1.8,66.10N,0.1:141.48W:0.08,h5km,2km, Error ellipse: s-maj=6.0km s-min=3.0km az=71.0

NEIC 28 08:46:47.1,9.66:10N:0.04:141.50W:0.08,h10km,2km, ML3.9,ML3.6(OTT),ML4.0/42(NEIC),Mw3.7/39(NEIC), Error ellipse: s-maj=6.6km s-min=4.3km az=36.0

ANF 28 08:46:48.2,1.1,66.12N:141.54W,h12km,8km,ML4.3/30, Error ellipse: s-maj=3.4km s-min=2.1km az=3.0

PGC 28 08:46:48.3,0.0,66.12N:141.37W,h1km,ML3.6,ML3.9, 247km northwest of Dawson, Yt Northern Alaska

NEIC 28 08:46:49.66:12N:141.51W,h4km,Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mrr-1.62; Mtt-1.80; Mss-3.42; Mnt-2.41; Mtw-2.59; Mtw-0.12; Fault plane solution: Mw4.620000104, NPT1:9,196.50000, 0.59,100000, 2-21.630000, NP2:299.970000, 0.72,144.130000, Principal axes: T 4.6766, P1g10.0000, Azm65.0000, N -0.1169, P1g50.0000, Azm322.0000, P -4.5597, P1g38.0000, Azm163.0000

ISC 28 08:46:45.7,1.3,66.09N,0.03:141.49W:0.02,h2km,11km, n100,e181/131, Northern Alaska

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

ISC 28 08:46:45.7,1.3,66.09N,0.03:141.49W:0.02,h2km,11km, n100,e181/131, Northern Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEA2, NEA2, NEA2, etc.

SOME 28 08:46:51.5,44.20N,81.58E,h0km, mb2.9,mpv2.5, NNC 28 08:46:59.6,6.3,44.63N,83.00E,h0km,mb2.9,mpv2.5, Error ellipse: s-maj=57.3km s-min=18.1km az=117.0

ISC 28 08:46:58.8,1.7,44.35N,0.07:81.53E:0.09,h33km,n9, e251/13,2C-2D,Northern Xinjiang

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

IDC 28 09:41:20.1,2.7,53.92N,86.61E,h0km,mb1 3.2/2, mb1mx3.1/48, mbtmp3.2/2, ML2.6/2, Error ellipse: s-maj=21.8km s-min=13.5km az=65.0, Southwestern Siberia

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like FAQ, ANAR, UOSS, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MLR, BRVK, BVAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EGAK, BMAR, DAWY, etc.

NEIC 28 10:55:47.2, 6.6; 00N:0.05:141.6W:0.1, h16km, 7km, Error ellipse: s-maj=7.3km s-min=6.0km az=187.0

SOME 28 11:00:51.2, 41.73N:80.43E, h0km NNC 28 11:00:53.1, 5.41; 76N:80.53E, h0km, mb3.7, mpv3.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like STEI Steigen, TRO Tromsø, DBG Daneborg, etc.

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

UCR 28 12:24:26.8 ± 1.3, 14.01°N-89.97°W, h6km, 9km, ML3.7 GCG 28 12:24:26.5 ± 0.7, 13.92°N-89.91°W, h0km, 15km, MD3.8 SNET 28 12:24:27.0 ± 1.3, 14.00°N-89.95°W, h6km, 8km, ML3.8 ISC 28 12:24:27.5 ± 1.3, 13.96°N-0.05-89.92°W, h13km, 7km, n32, c073/43, 1C, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SLOZ Alcaidia de Sa, RTR El Retiro, SBLs San Blas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KKSJ Kolaka, Sulawe, BNSI Bone, TTSI Tula Toraja, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like EVO Evora, PBDV Barranco-do-Ve, PVAQ Vaqueiros, etc.

ICD 28 12:57:08.0 ± 0.7, 49.88°S-114.44°W, h0km, mb4.1/9, mb1.4.3/9, mb1mx4.0/21, mbtmp3.9/3, Error ellipse: s-maj=32.7km s-min=20.6km az=118.0 NEIC 28 12:57:09.7 ± 1.9, 50.0S:0.2x114.4W:0.1, h10km, 1km, mb4.4/7, Error ellipse: s-maj=29.1km s-min=14.2km GCMT 28 12:57:13.7 ± 0.3, 49.99°S-113.87°W:0.03, h19km, 1km, MWA/9.80, Moment Tensor Solution, a1c16; s80c107; Duration: 0. Moment tensor: Scale 10^16Nm; Mr1.28t.23; Mw0.32t.17; Mw-1.60t.16; Mw-0.26t.32; Mw2.05t.09; Mw1.42t.30; Best double couple: Mw2.73500t.1016 NP1.9e+107.00000°, 846.00000°, A24.00000°. NP2: 0e+360.00000°, 873.00000°, A133.00000°. Principal axes: T 2.1700, Plg44.0000°, Azm313.0000°; N 1.1280, Plg41.0000°, Azm164.0000°; P -3.3000, Plg16.0000°, Azm59.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ELOB Lohimo, EBAD Badajoz, EMIN Minca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like TIAR Tiarei, PAE Paea, PPT2 Papeete, etc.

ICD 28 13:26:36.1 ± 0.6, 41.165°N-80.82°E, h0km, mb4.1/21, mb1.4.3/29, mb1mx4.2/50, mbtmp4.2/29, ML4.2/8, MS3.5/6, Ms1.3.5/6, ms1mx3.1/45, Error ellipse: s-maj=12.9km s-min=10.9km az=46.0 KRNET 28 13:26:37.2 ± 0.1, 41.188°N-80.82°E, mb5.2 BUI 28 13:26:37.0 ± 0.0, 41.173°N-80.73°E, h7km, mb4.6/17, mb4.4/31, ML4.5/10, Ms3.9/17, Mt3.7/16 NNC 28 13:26:39.9 ± 1.5, 41.83°N-80.67°E, h0km, mb5.2, mpv5.1, Error ellipse: s-maj=10.6km s-min=7.4km az=149.0 MOS 28 13:26:39.7 ± 2.8, 41.57°N-81.03°E, h33km, mb4.5/15, Error ellipse: s-maj=6.6km s-min=3.7km az=120.1 SOME 28 13:26:39.0 ± 1.7, 41.87°N-80.46°E, h0km, MS4.0 NEIC 28 13:26:42.2 ± 1.1, 77°N:0.04-80.83°E:0.07, h43km, 7km, mb4.5/30, Error ellipse: s-maj=9.9km s-min=2.0km az=125.0

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

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Table with columns for station call letters, name, frequency, polarization, and coordinates. Includes stations like SATY Taragay, ZHNSHK, ZHN Zhiniskhe, etc.

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Table with columns for station call letters, name, frequency, polarization, and coordinates. Includes stations like KUU Kurty, DGS Degeres, TKM2 Tokmak 2, etc.

28d 13h

Table with columns for station call letters, name, frequency, polarization, and coordinates. Includes stations like GAR Garm, OTUK Orsay, KURBB Kurchatov Arra, etc.

28d 14h

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h m s, ISC. Includes stations like BOD Bodaibo, GNI Garm, CHTO Chiang Mai, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h m s, ISC. Includes stations like BNI Bardonecchia, KMBO Kilima Mbogo, ESDC Sonsea Array, etc.

1416

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h m s, ISC. Includes stations like h49km:pp-P, N360, Kermadec Islands region, RAO Raoul Island, etc.

WR0	Warramunga Arr	45.44 268	P	P	14 13 15.2	-1.5
WR0	comp=Z,1.2nm,0.9s		I	Amb	14 13 18.1	
WB2	Warramunga Arr	45.61 268	P	P	14 13 16.9	-1.1
WB2	comp=Z,1.7nm,0.8s		I	Amb	14 13 19.6	
WRAB	Tennant Creek	45.62 268	P	P	14 13 16.7	-1.4
WRAB	comp=Z,1.8nm,0.9s		I	Amb	14 13 19.5	
WRA	Warramunga Arr	45.62 268	P	P	14 13 16.4	-1.7
WRA	comp=Z,1.9nm,0.7s,baz=104,slow=8.2,SNR=100		P	P	14 14 56.0	+0.2
WRA	comp=Z,1.6nm,0.9s,baz=103,slow=13,SNR=5.5		S	S	14 19 58.1	+0.5
WRA	comp=Z,1.6nm,0.9s,baz=103,slow=13,SNR=5.5		LR	LR	14 30 16.6	
WB0	Warramunga Arr	45.63 269	I	Amb	14 13 19.6	
WB0	comp=Z,1.9nm,0.8s		I	Amb	14 13 19.6	
JAY	Jayapura	48.02 293	P	P	14 13 34.9	-2.0
JAY	comp=Z,8.3nm,0.7s,baz=202,slow=20,SNR=4.1		P	P	14 13 34.9	-2.0
WRKA	Warakurna	49.45 260	P	P	14 13 46.0	-1.8
WRKA	baz=50,SNR=16		P	P	14 13 50.1	-2.0
KDU	Kakadu	50.02 276	P	P	14 13 50.1	-2.0
KDU	baz=50,SNR=16		P	P	14 13 50.1	-2.0
MTN	Manton Dam	51.14 276	P	P	14 14 00.1	-0.5
MTN	baz=52,SNR=7.0		P	P	14 14 00.1	-0.5
VNDA	Vanda	51.19 186	P	P	14 14 03.5	+3.5
VNDA	comp=Z,3.6nm,0.9s,baz=350,slow=6.8,SNR=10		LR	LR	14 32 14.2	
SRPI	Serui, Papua	52.06 291	P	P	14 14 05.3	-2.2
SRPI	comp=Z,1.9nm,0.8s		P	P	14 14 05.3	-2.2
KNRA	Kunurra	52.10 271	P	P	14 14 07.0	-0.7
KNRA	baz=53,SNR=28		P	P	14 14 07.0	-0.7
SIJI	Sorong	56.77 289	P	P	14 14 39.2	-2.5
SIJI	comp=Z,1.6nm,1.3s		P	P	14 14 39.2	-2.5
MEEK	Mekkatarra	57.40 255	P	P	14 14 45.6	-0.5
MEEK	baz=58,SNR=3.8		P	P	14 14 45.6	-0.5
CASY	Casey	58.47 207	P	P	14 14 54.1	+1.3
CASY	comp=Z,3.0nm,1.0s		I	Amb	14 14 55.9	
MORW	Morawa	58.90 251	P	P	14 14 56.0	-0.4
MORW	baz=59,SNR=4.6		P	P	14 14 56.0	-0.4
EDFI	Ende, Flores	61.26 275	P	P	14 15 09.4	-3.6
EDFI	comp=Z,6.5nm,0.9s		P	P	14 15 09.4	-3.6
GOTI	Gorontalo	64.58 285	P	P	14 15 33.9	-1.0
GOTI	comp=Z,1.5nm,0.7s		P	P	14 15 33.9	-1.0
KAPI	Kappang	64.67 278	LR	LR	14 14 42.9	
KAPI	comp=Z,2.6nm,18.9s,slow=102,slow=36		LR	LR	14 14 42.9	
SPMA	Sputi	72.84 265	P	P	14 16 21.0	-2.0
BELA	Belgrano 2	72.50 172	I	Amb	14 16 24.9	+1.6
BELA	comp=Z,1.4nm,1.1s		I	Amb	14 16 24.9	+1.6
STKI	Sintang	74.33 278	P	P	14 16 35.7	+0.6
STKI	comp=Z,1.0nm,0.7s		P	P	14 16 35.7	+0.6
LEM	Lembang	74.60 270	LR	LR	14 14 09.5	
LEM	comp=Z,880nm,18.3s,slow=116,slow=36		LR	LR	14 14 09.5	
LEM	Lembang	74.60 270	P	P	14 16 37.5	+0.6
LEM	comp=Z,5.0nm,0.8s		P	P	14 16 37.5	+0.6
SBUM	Sibu	74.83 281	P	P	14 16 38.0	0.0
MAW	Mawson	75.61 200	P	P	14 16 44.5	+3.0
MAW	comp=Z,1.2nm,0.6s,baz=127,slow=7.0,SNR=41		LR	LR	14 50 11.3	
MAW	comp=Z,593nm,18.9s,slow=102,slow=36		LR	LR	14 50 11.3	
MAW	Mawson	75.61 200	P	P	14 16 44.9	+3.3
KSM	Kuching	76.03 279	P	P	14 16 45.0	+0.1
MJAR	Matsushiro Arr	76.73 324	P	P	14 16 46.5	-1.9
MJAR	comp=Z,2.4nm,1.1s,slow=154,slow=6.6,SNR=33		P	P	14 16 46.5	-1.9
MJAR	Matsushiro Arr	77.33 324	I	Amb	14 16 46.4	-1.9
MJAR	comp=Z,2.8nm,1.2s		I	Amb	14 16 48.6	
MAT	Matsushiro	76.73 324	P	P	14 16 47.2	-1.1
JSU	Suzuyama	77.57 315	P	P	14 16 51.3	-1.8
JSU	Sado	77.87 305	P	P	14 16 53.4	-1.1
JHS	Saijo	78.40 320	P	P	14 16 56.3	-1.4
MDSI	Maura Dua	78.70 271	P	P	14 16 58.9	-1.0
SYO	Syowa Base	80.33 192f	eP	P	14 17 08.4	+0.7
SYO	Syowa Base	80.33 192f	eP	P	14 17 15.2	+0.5
SYO	Syowa Base	80.33 192f	eP	P	14 17 23.8	+3.5
SYO	San Nicolas Is	80.88 45	eP	P	14 17 13.1	+1.9
SNAA	Sanae	81.05 178	P	P	14 17 14.0	+2.3
SNAA	Sanae	81.05 178	P	P	14 17 13.8	+2.1
SNAA	Sanae	81.05 178	P	P	14 17 26.9	
VNA3	Neumayer Olymp	81.14 176	P	P	14 17 14.1	+2.0
VNA2	Neumayer-Watz	81.59 176	P	P	14 17 16.8	+2.3
LPIG	La Paz	81.66 57	LR	LR	14 45 36.5	
CIS	Catalina Islan	81.68 46	P	P	14 17 16.4	+1.0
CIS	baz=230		P	P	14 17 16.4	+1.0
PKM	Mpherson Peak	81.78 44	P	P	14 17 17.0	+0.8
PKM	baz=228		P	P	14 17 17.0	+0.8
VNA1	Neumayer-Stat	81.81 176	P	P	14 17 18.2	+2.6
SMMC	Simmer	81.95 43	P	P	14 17 17.9	+1.0
SMMC	baz=228		P	P	14 17 17.9	+1.0
MURC	Murrieta	82.59 46	P	P	14 17 20.6	+0.4
MURC	baz=230		P	P	14 17 20.6	+0.4
MONP2	Monument Peak	82.64 47	P	P	14 17 21.2	+0.5
MONP2	baz=231		P	P	14 17 21.2	+0.5
IKP	In-Ko-Pah, Jac	82.69 48	P	P	14 17 21.1	+0.3
IKP	baz=231		P	P	14 17 21.1	+0.3
BFSC	Mount Baldy Ra	82.70 45	P	P	14 17 21.2	+0.3
BFSC	baz=230		P	P	14 17 21.2	+0.3
VES	Vestal, Richgr	82.86 43	P	P	14 17 21.8	+0.3
VES	baz=229		P	P	14 17 21.8	+0.3
EDW2	Edwards Air Fo	82.90 45	P	P	14 17 22.5	+0.6
EDW2	comp=Z,2.5nm,1.0s,baz=232,slow=31		P	P	14 17 22.5	+0.6
TPFO	Pinson Flats	83.07 47	P	P	14 17 23.4	+0.6
TPFO	baz=231		P	P	14 17 23.4	+0.6
PFO	Pinyon Flats 0	83.07 47	LR	LR	14 47 56.7	
PFO	comp=Z,2.5nm,1.0s,baz=232,slow=31		LR	LR	14 47 56.7	
PFO	Pinyon Flats 0	83.07 47	P	P	14 17 23.3	+0.5
PFO	baz=231		P	P	14 17 23.3	+0.5
SWSC	Sam W. Stewart	83.08 47	P	P	14 17 23.3	+0.6
SWSC	baz=231		P	P	14 17 23.3	+0.6
ISA	Isabella, Lake	83.11 44	P	P	14 17 23.8	+0.8
ISA	baz=229,SNR=8.8		P	P	14 17 23.8	+0.8
KSRS	Korea Array	83.13 318	P	P	14 17 23.2	+0.4
KSRS	comp=Z,7.2nm,0.8s,baz=141,slow=5.2,SNR=53		P	P	14 17 23.2	+0.4
PETK	Petropavovsk-k	83.36 345	P	P	14 17 22.7	-0.9
PETK	comp=Z,8.4nm,0.9s,baz=224,slow=10,SNR=6.0		P	P	14 17 22.7	-0.9
PLCA	Paso Flores	83.38 133	P	P	14 17 26.2	+1.8
PLCA	comp=Z,8.1nm,1.0s,baz=248,slow=10.0,SNR=5.6		LR	LR	14 48 11.8	
PLCA	comp=Z,257nm,18.3s,baz=248,slow=31		LR	LR	14 48 11.8	
LRMC	Laurel Mtn Rad	83.48 44	P	P	14 17 25.6	+0.7
LRMC	baz=230,SNR=6.1		P	P	14 17 25.6	+0.7
SDPT	Sand Point	83.55 9	P	P	14 17 25.5	+0.9
SDPT	baz=194		P	P	14 17 25.5	+0.9
BELC	Belle Mtn, Jos	83.61 47	P	P	14 17 26.3	+0.6
BELC	baz=231,SNR=7.8		P	P	14 17 26.3	+0.6
002D	Mt. Diablo Mer	83.63 38	P	P	14 17 26.7	+1.2
002D	baz=226,SNR=20		P	P	14 17 26.7	+1.2
BC3	Big Chukawall	83.75 47	P	P	14 17 27.2	+0.9
BC3	baz=231,SNR=7.7		P	P	14 17 27.2	+0.9
CWC	Cottonwood Cre	83.86 44	P	P	14 17 27.5	+0.6
CWC	baz=230		P	P	14 17 27.5	+0.6
HEC	Hector, Ludlow	83.92 46	P	P	14 17 27.7	+0.6
HEC	baz=231,SNR=5.4		P	P	14 17 27.7	+0.6
GSC	Goldstone, Bar	83.92 45	P	P	14 17 27.8	+0.6
GSC	baz=230,SNR=6.6		P	P	14 17 27.8	+0.6
N02D	Trinity Center	84.23 38	P	P	14 17 29.6	+1.1
N02D	baz=226,SNR=13		P	P	14 17 29.6	+1.1
003E	Paynes Creek	84.26 39	P	P	14 17 29.0	+0.3
003E	baz=227,SNR=12		P	P	14 17 29.0	+0.3
IRM	Iron Mountain	84.26 47	P	P	14 17 29.8	+1.0
IRM	baz=232,SNR=11		P	P	14 17 29.8	+1.0
GMRC	Granite Mounta	84.32 46	P	P	14 17 30.0	+0.8
GMRC	baz=231,SNR=5.2		P	P	14 17 30.0	+0.8
M02C	Callahan	84.44 37	P	P	14 17 30.6	+1.0
M02C	baz=226,SNR=21		P	P	14 17 30.6	+1.0
214A	Organ Pipe Nat	84.47 50	P	P	14 17 30.7	+0.8
214A	baz=233		P	P	14 17 30.7	+0.8
TUQ	Turquoise Moun	84.56 45	P	P	14 17 31.3	+0.9
TUQ	baz=231,SNR=7.6		P	P	14 17 31.3	+0.9
L02E	Cave Junction	84.58 36	P	P	14 17 31.0	+0.8
L02E	baz=225		P	P	14 17 31.0	+0.8
FURC	Furnace Creek,	84.63 44	P	P	14 17 30.8	+0.3
FURC	baz=230		P	P	14 17 30.8	+0.3
SHOC	Shoshone, Teco	84.63 45	P	P	14 17 31.1	+0.5
SHOC	baz=231,SNR=5.7		P	P	14 17 31.1	+0.5
GRAC	Grapevine Rang	84.66 44	P	P	14 17 31.6	+0.8
GRAC	baz=230		P	P	14 17 31.6	+0.8
YBH	Yreka Blue Hor	84.76 37	LR	LR	14 47 20.6	
YBH	comp=Z,1.16nm,21.8s,baz=230,slow=30		LR	LR	14 47 20.6	

K02D	Willamette Mer	84.92 36	P	P	14 17 32.3	+0.3
K02D	baz=225,SNR=5.6		P	P	14 17 32.3	+0.3
NEE2	Needles Airpor	84.98 47	P	P	14 17 33.3	+0.9
NEE2	baz=232		P	P	14 17 33.3	+0.9
PDMO	Parker Dam,Lak	85.00 47	P	P	14 17 33.5	+1.1
PDMO	baz=232		P	P	14 17 33.5	+1.1
NVAR	Mina Array Bea	85.02 42	P	P	14 17 33.3	+0.5
NVAR	comp=Z,8.1nm,1.0s,baz=222,slow=8.0,SNR=44		LR	LR	14 49 25.8	
NVAR	comp=Z,456nm,18.7s,baz=241,slow=31		LR	LR	14 49 25.8	
J01E	Myrtle Point	85.12 36	P	P	14 17 32.3	+0.4
J01E	baz=225		P	P	14 17 32.3	+0.4
M04C	Macdoel	85.26 38	P	P	14 17 34.4	+0.7
M04C	comp=Z,1.9nm,0.8s		P	P	14 17 34.4	+0.7
L04D	Klamath Falls	85.31 37	P	P	14 17 34.5	+0.4
L04D	baz=226,SNR=10		P	P	14 17 34.5	+0.4
TPNV	Topopah Spring	85.31 44	P	P	14 17 35.1	+0.9
TPNV	baz=231,SNR=13		P	P	14 17 35.1	+0.9
NJ2	Nanjing	85.52 310	eP	P	14 17 36.0	+0.9
NJ2	comp=Z,1.2nm,0.6s		pmax	pmax	14 17 36.0	+0.9
USRK	Ussuriysk Ar.	85.58 325	P	P	14 17 36.0	+0.9
USRK	comp=Z,1.0nm,1.0s,baz=125,slow=4.9,SNR=7.4		P	P	14 17 36.0	+0.9
I03D	Drain, OR	85.80 35	P	P	14 17 37.2	+1.0
I03D	baz=225		P	P	14 17 37.2	+1.0
I02D	Swisshome	85.83 35	P	P	14 17 37.4	+1.1
I02D	baz=225		P	P	14 17 37.4	+1.1
K04D	Chilton, OR	85.89 37	P	P	14 17 37.2	+0.3
K04D	baz=227		P	P	14 17 37.2	+0.3
TUC	Tucson	86.06 51	P	P	14 17 38.9	+0.9
TUC	baz=234		P	P	14 17 38.9	+0.9
J04D	Umpqua Nationa	86.12 36	P	P	14 17 38.	

Table with columns: Station Name, SNR, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like NAWB Namwon, KOJ2 Gongju-si, HAWB Hwasong-si, etc.

Table with columns: Station Name, SNR, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like HHC, MA2 Magadan, XAN Xi'an, YAK Yakutsk, etc.

Table with columns: Station Name, SNR, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like UBPT Khong Chiam, UBPT Khong Chiam, UBPT Khong Chiam, etc.

28d 14h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like O19K, K20K, J20K, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like HARP, HAARP, AML, etc.

1420

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ARCES, ARCESS, YKA, etc.

1423

ILAR	comp=Z,4.9nm,1.0s,baz=291,slow=3.6,SNR=6.4	ScP	ScP	15 20 47.0	-1.1	
ILAR	comp=Z,2.6nm,0.9s,baz=282,slow=3.6,SNR=9.9	LR	LR	15 29 06.8		
ILAR	comp=Z,5.4nm,19.4s,baz=291,slow=60	LR	LR	15 14 10.0	-0.5	
ILAR	Eielson Array	30.90	44	P	15 20 47.2	-0.9
SCM	Sheep Creek Mo	30.98	50	IAMB	15 14 32.8	
GLI	comp=Z,35nm,0.6s	31.23	51	P	15 14 33.0	-0.4
PRP	Glacier Island	baz=280				
PRP	Porcupine Dome	31.44	42	P	15 14 34.9	-0.3
M24K	comp=Z,273	31.48	49	P	15 14 37.1	+1.5
M24K	Tolsona, Glenn	31.48	49	P	15 14 36.3	+0.7
PYU	Fort Yukon	31.51	40	P	15 14 36.1	+0.4
FAX	Paxson	31.69	47	P	15 14 37.4	-0.1
KLU	comp=Z,277	31.69	50	P	15 14 38.6	+1.1
KLU	Klutina	31.69	50	IAMB	15 14 42.7	
KLU	comp=Z,38nm,1.3s	31.69	50	P	15 14 38.0	+0.5
BLAR	comp=Z,279	31.75	39	P	15 14 38.9	+1.0
ULN	Uran Mountain	31.80	283	I/P	15 14 38.9	+0.2
ULN	Uran Mountain					
RIDG	comp=Z,5.0nm,0.7s	31.88	46	P	15 14 38.7	-0.4
HARP	Independent Ri	31.91	48	P	15 14 39.5	+0.1
EYAK	HAARP	31.94	52	P	15 14 40.1	+0.6
SONM	Cordova Ski Ar	32.21	283	P	15 14 42.9	+0.6
SONM	Songino Array	32.21	283	P	15 15 19.6	+0.7
SONM	comp=Z,2.4nm,0.7s,baz=62,slow=7.0,SNR=4.8					
SONM	comp=Z,2.4nm,0.7s,baz=62,slow=7.0,SNR=4.8					
SONM	comp=Z,6.0nm,0.7s,baz=81,slow=1.7,SNR=14					
SONM	comp=Z,4.1nm,0.7s,baz=73,slow=2.0,SNR=13					
SONM	comp=Z,1.10nm,21.1s,baz=92,slow=37					
SONM	Songino Array	32.21	283	P	15 14 42.4	+0.1
SONM	Songino Array	32.21	283	P	15 17 26.4	
SONM	comp=Z,2.0nm,0.7s					
SONM	Songino Array	32.21	283	P	15 14 42.4	+0.1
SONM	Songino Array	32.21	283	P	15 17 26.4	
SONM	Sand Creek	32.23	45	P	15 14 41.6	-0.6
N25K	Chitina, Valde	32.30	50	P	15 14 43.6	+0.6
N25K	Chitina, Valde	32.30	50	IAMB	15 14 44.6	
N25K	Chitina, Valde	32.30	50	P	15 14 42.7	-0.1
N25K	Chitina, Valde	32.30	50	P	15 14 42.7	-0.1
BMRM	Bremner River	32.41	51	P	15 14 44.2	+0.4
MENT	Montasta	32.49	47	P	15 14 44.8	+0.4
L26K	Log Cabin Wild	32.64	47	P	15 14 45.9	+0.2
HHC	Hu-ho-hao-te	32.66	268	eP	15 14 45.5	-0.7
HHC	Hu-ho-hao-te	32.66	268	eP	15 14 45.5	-0.7
HHC	comp=Z,14nm,0.8s					
HHC	comp=Z,130nm,8.9s					
HHC	comp=Z,140nm,14.5s					
HHC	comp=Z,170nm,14.5s					
HHC	comp=Z,190nm,13.6s					
KAIM	Kayak Island	32.72	53	P	15 14 47.1	+0.7
M26K	Nabesna, AK	32.90	48	P	15 14 48.1	+0.1
ZAK	Zakamensk	32.97	289	eP	15 14 48.9	+0.2
ZAK	Zakamensk	32.97	289	eP	15 15 25.4	
ZAK	comp=Z,12nm,1.2s					
K27K	Chicken	33.05	45	P	15 14 50.3	+1.0
K27K	Chicken	33.05	45	IAMB	15 14 53.2	
MCARA	McCarthy VSAT	33.08	50	P	15 14 50.5	+1.0
CRQE	Cirque	33.18	51	P	15 14 50.7	+0.2
L27K	Beaver Creek,	33.32	47	P	15 14 53.1	+1.6
L27K	Beaver Creek,	33.32	47	IAMB	15 14 54.2	
L27K	Beaver Creek,	33.32	47	P	15 14 52.1	+0.5
BCAR	Beaver Creek,	33.34	47	P	15 14 53.5	+1.8
EGAK	Beaver Creek A	33.34	43	P	15 14 51.8	+0.1
EGAK	Beaver Creek A	33.34	43	IAMB	15 14 55.0	
EGAK	Eagle	33.34	43	P	15 14 51.9	+0.2
ISLE	Juniper Island	33.58	51	IAMB	15 14 55.8	
MESA	MESA	33.86	52	P	15 14 56.7	+0.2
CTG	Chitina Glacier	33.97	50	P	15 14 57.9	+0.6
CTGM	Chitina Glacie	33.97	50	IAMB	15 14 59.7	
NJ2	Nanjing	34.07	249	eP	15 14 53.3	+1.0
NJ2	Nanjing	34.07	249	eP	15 15 01.2	
LOGN	Logan Glacier	34.16	50	IAMB	15 15 01.2	
TABL	Table Mountain	34.19	51	IAMB	15 15 01.4	
PINM	comp=Z,38nm,0.7s	34.71	52	P	15 15 03.9	+0.3
EPYK	Pinnacle	34.71	52	P	15 15 03.9	+0.3
EPYK	Eagle Plains	34.93	40	P	15 15 05.8	+0.4
NR1K	comp=Z,279	35.60	325	P	15 15 10.0	-1.0
NR1K	Noril'sk	35.60	325	P	15 15 35.6	+0.2
NR1K	comp=Z,1.2nm,0.5s,baz=103,slow=23,SNR=1.7					
NR1K	comp=Z,9.2nm,0.6s,baz=118,slow=1.6,SNR=6.4					
NR1K	comp=Z,2.7nm,0.8s,baz=118,slow=2.1,SNR=8.3					
NR1K	Noril'sk	35.60	325	I/P	15 15 10.6	-0.4
NR1K	Noril'sk	35.60	325	I/P	15 15 10.6	-0.4
HYT	comp=Z,1.0nm,0.9s	35.82	50	IAMB	15 15 16.0	
HYT	Haines Junctio	35.82	50	IAMB	15 15 16.0	
INK	comp=Z,22nm,0.7s	35.85	37	LR	15 30 40.1	
INK	Inuvik	35.85	37	LR	15 30 40.1	
INK	comp=Z,95nm,18.5s,baz=230,slow=37					
INK	Inuvik	35.85	37	P	15 15 14.3	+1.2
INK	comp=Z,13nm,0.6s	35.85	37	P	15 15 14.3	+1.2
INK	Inuvik	35.85	37	P	15 15 13.4	+0.3
INK	Inuvik	35.85	37	P	15 15 13.4	+0.3
WHY	Whitmore	37.10	49	P	15 15 24.9	+0.9
SKAG	Skagway	37.27	51	P	15 15 26.4	+1.1
A36M	comp=Z,290,SNR=7.3	37.97	30	P	15 15 31.7	+0.8
XAN	Sachs Harbour	37.97	30	P	15 15 31.7	+0.8
XAN	Sachs Harbour	37.97	30	P	15 15 31.7	+0.8
XAN	Xi'an	38.59	261	P	15 16 11.0	-3.2
XAN	Xi'an	38.59	261	P	15 17 45.0	-0.3
XAN	Xi'an	38.59	261	P	15 17 45.0	-0.3
XAN	Xi'an	38.59	261	P	15 21 16.5	+0.2
WRAK	comp=Z,11nm,1.5s	39.90	55	P	15 15 47.6	+0.5
WRAK	Wrangell Islan	39.90	55	P	15 15 47.6	+0.5
TWG	Pinlang	40.08	237	P	15 15 48.6	-0.5
TWG	Pinlang	40.08	237	P	15 15 55.2	
LZH	Lanzhou	40.36	268	eP	15 15 51.5	+0.1
LZH	Lanzhou	40.36	268	eP	15 16 30.3	+1.1
LZH	comp=Z,25nm,1.0s					
LZH	Lanzhou	40.36	268	eP	15 15 51.5	+0.1
GTA	comp=Z,130nm,4.3s	40.76	275	I/P	15 15 54.5	-0.1
GTA	Gaotai	40.76	275	I/P	15 17 36.5	+1.4
GTA	Gaotai	40.76	275	I/P	15 17 52.3	+0.1
GTA	Gaotai	40.76	275	I/P	15 21 24.5	-0.3

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GTA	PcS	15 21 43.5	+0.1			
GTA	ScS	15 27 37.5	-2.8			
GTA	pmax					
GTA	comp=Z,15nm,1.2s					
GTA	pmax					
ENH	Enshi	40.88	257	P	15 15 55.7	+0.1
ENH	Enshi	40.88	257	P	15 17 53.2	+0.5
ZALV	Zalesovo Beam	41.66	302	P	15 16 00.3	-1.3
ZALV	comp=Z,4.9nm,0.7s,baz=59,slow=7.5,SNR=14					
ZALV	comp=Z,8.8nm,0.9s,baz=51,slow=7.8,SNR=6.2					
ZALV	comp=Z,3.2nm,0.6s,baz=59,slow=9.9,SNR=4.7					
ZALV	comp=Z,1.4nm,0.8s,baz=68,slow=3.9,SNR=15					
DZG	comp=Z,1.9nm,0.6s,baz=66,slow=3.6,SNR=5.9					
DZG	Jazzator, Alta	42.34	295	I/P	15 16 07.4	+0.1
DZG	comp=Z,2.1nm,0.8s					
EUNU	Eureka	43.38	13	IAMB	15 16 17.2	
ZSN	comp=Z,65nm,0.8s	44.98	294	eP	15 16 27.7	-0.6
ZSN	baz=294	44.98	294	eP	15 16 27.7	-0.6
ZSN	Zaisan	44.98	294	eP	15 16 31.0	+1.2
YKA	Yellowknife Ar	45.21	41	P	15 21 42.5	+0.3
YKA	Yellowknife Ar	45.21	41	P	15 21 42.5	+0.3
YKA	comp=Z,1.2nm,0.7s,baz=313,slow=4.0,SNR=2.8					
YKA	Yellowknife Ar	45.21	41	P	15 16 30.6	+0.7
GYA	Guiyang	45.36	256	I/P	15 16 32.5	+0.9
GYA	Guiyang	45.36	256	I/P	15 16 32.5	+0.9
WMQ	comp=Z,32nm,0.7s	45.43	288	eP	15 16 33.0	+1.1
WMQ	Urumqi	45.43	288	eP	15 18 21.0	-0.5
WMQ	Urumqi	45.43	288	eP	15 18 21.0	-0.5
WMQ	Urumqi	45.43	288	eP	15 18 21.0	-0.5
WMQ	comp=Z,36nm,0.9s					
WMQ	Urumqi	45.43	288	eP	15 16 41.7	-0.8
MKAR	comp=Z,100nm,4.7s	46.80	295	P	15 16 21.4	0.0
MKAR	Makanchi Array	46.80	295	P	15 21 48.5	-0.8
MKAR	Makanchi Array	46.80	295	P	15 21 48.5	-0.8
MKAR	Makanchi Array	46.80	295	P	15 16 41.9	-0.7
MKAR	Makanchi Array	46.80	295	P	15 16 42.8	-1.0
MKAR	Makanchi Array	46.80	295	P	15 18 12.3	
MKAR	comp=Z,22nm,0.7s	46.97	295	P	15 16 42.8	-1.0
MAKZ	Makanchi	46.97	295	P	15 16 42.8	-1.0
MAKZ	Makanchi	46.97	295	P	15 16 42.8	-1.0
MAKZ	Makanchi	46.97	295	P	15 16 42.8	-1.0
MAKZ	Makanchi	46.97	295	P	15 16 42.8	-1.0
LQP	Lukban	47.24	230	I/P	15 16 47.3	+0.8
KMI	Kunming	48.71	258	I/P	15 16 58.8	+1.2
KMI	Kunming	48.71	258	I/P	15 17 37.5	+0.8
KMI	Kunming	48.71	258	I/P	15 17 37.5	+0.8
NLWA	Neilton Lookou	49.03	62	P	15 17 00.8	+1.2
NLWA	Neilton Lookou	49.03	62	IAMB	15 17 02.5	
QIZ	comp=Z,42nm,1.1s	49.24	246	P	15 17 03.5	+2.0
QIZ	Qiongzong	49.24	246	P	15 23 52.5	-1.3
QIZ	Qiongzong	49.24	246	P	15 17 03.5	+2.0
QIZ	comp=Z,220nm,1.5s					
QIZ	Qiongzong	49.24	246	P	15 17 03.5	+2.0
QIZ	Qiongzong	49.24	246	P	15 17 03.5	+2.0
QIZ	comp=Z,140nm,13.7s					
QIZ	Qiongzong	49.24	246	P	15 17 03.5	+2.0
QIZ	Qiongzong	49.24	246	P	15 17 03.5	+2.0
QIZ						

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like CM01 Chiang Mai Arr, CM04 Chiang Mai Arr, etc.

Table with columns: PRN, Name, RA, Dec, Mag, Type, and other details. Includes entries like P1000, P1001, P1002, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like ECSD EROS Data Cent, ECSD EROS Data Cent, etc.

28d 15h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes entries like BOD Bodaibo, SEY Seymchan, CM36 Chiang Mai Arr, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes entries like GAMB Gambell, JIRN Jiri, DZM Mont Dzumac, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes entries like BOOM Boomskeye ush, O20K Slope Mountain, M20K Styx River, etc.

1429

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like HDA, IL31, ILAR, M24K, KLU, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like RPZ, GEYT, KIRV, PRGR, etc.

28d 15h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like NEW, NEWP, E09A, LPSR, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like WAO3, MACA, MT01, NPGC, TRCB, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like DBIC, Dimbokro, PDAR, Pinedale Array, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BNDI, Bandanaira, SAUI, Saumlaki, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PGP, Puerto Galera, LQP, Lukban, etc.

28d 18h

ISC 28 18:09:28.1-0.8, 34.08N, 0.05-141.72E, 0.08, h24km, n29, c=1544,29,mb3.8/0, Off east coast of Honshu

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

IDC 28 18:12:42.7-3.1, 6.18S, 150.15E, h0km, mb3.7/3, mb1.4, 0.3, mb1mx3.5/24, mbtmp3.6/3, MS3.0/2, Ms1.3/0.2, ms1mx2.6/38, Error ellipse: s-maj=84.0km s-min=47.6km az=107.0

NEIC 28 18:12:46.8-1.9, 6.5S, 0.1, 150.1E, 0.1, h3km, 2km, mb4.3/15, Error ellipse: s-maj=16.2km s-min=15.4km az=155.0

ISC 28 18:12:47.4-0.9, 6.6S, 0.1, 150.1E, 0.1, h10km, n23, c=139,20,mb4.5/S, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations in the New Britain region.

IDC 28 18:39:11.4-0.6, 12.30S, 76.23W, h96km, km4, mb4.0/10, mb1.4, 2/16, mb1mx4.0/37, mbtmp4.1/16, MS3.2/3, Ms1.3/3.3, ms1mx2.8/38, Error ellipse: s-maj=17.1km s-min=10.5km az=45.0

ARE 28 18:39:12.3-5.1, 12.35S, 0.06, 76.28W, 0.07, h88km, 5km, Error ellipse: s-maj=0.0km s-min=0.0km az=137.0

NEIC 28 18:39:12.7-2.0, 12.22S, 0.06, 76.06W, 0.06, h92km, 5km, mb4.7/98, ML5.1(ARE), Error ellipse: s-maj=9.8km s-min=8.1km az=219.0

VAO 28 18:39:16.0-0.3, 12.12S, 75.73W, h102km, mb4.6, h88km, n23, c=154,29,mb3.8/0, Off east coast of Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations in the Peru region.

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Main table with columns: Pn, P, S, L, etc. Lists seismic events with their times, magnitudes, and locations.

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Table with columns: Pn, P, S, L, etc. Lists seismic events with their times, magnitudes, and locations.

PHWY	Pilot Hill	2.75 183	Pn	20 07 19.4	+0.1
RWWY	Rawlins	2.75 212	Pn	20 07 18.2	-1.0
RWWY	comp=E,67nm,0.6s		IAML		
RWWY	comp=E,61nm,0.6s		IAML	20 08 05.0	
RLMT	Red Lodge	3.04 292	Pn	20 07 24.3	+1.2
RLMT	comp=E,49nm,0.8s		IAML	20 08 13.6	
BW06	Boulder Array	3.37 249	Pn	20 07 25.6	-2.1
BW06	comp=E,43nm,1.1s		IAML	20 08 16.6	
BW06	comp=E,43nm,1.1s		IAML	20 08 20.1	
PD31	comp=E,38nm,0.8s		Pn	20 07 28.5	+0.9
PDAR	Pinedale Array	3.37 249	Pn	20 07 28.7	+1.0
PDAR	comp=E,3.9nm,0.3s,baz=68,slow=18,SNR=28		Lg	20 08 13.8	
PDAR	comp=E,7.6nm,0.3s,baz=59,slow=35,SNR=5.5		Lg	20 07 29.0	+1.3
PDAR	YNE Pinedale Array	3.37 249	Pn	20 07 29.7	+0.1
YNE	Yellowstone No	3.51 287	Pn	20 08 30.4	
YNE	comp=N,41nm,0.6s		IAML	20 08 33.4	
YNE	comp=E,36nm,0.5s		IAML	20 07 30.7	+0.4
YMP	Mirror Lake Pl	3.56 283	Pn	20 08 36.9	
YMP	comp=N,52nm,0.8s		IAML	20 08 44.4	
YMP	comp=E,43nm,0.6s		IAML	20 07 31.5	+1.2
GCMT	Greycliff	3.56 301	Pn	20 07 35.6	+1.7
H17A	Grant Village	3.82 277	Pn	20 07 36.0	+1.4
LOHW	Long Hollow	3.88 265	Pn	20 08 38.8	
LOHW	comp=E,20nm,1.0s		IAML	20 08 42.2	
FLWY	Flagg Ranch	3.90 272	Pn	20 07 36.3	+1.3
FLWY	comp=E,44nm,1.1s		IAML	20 08 49.4	
FLWY	comp=E,33nm,1.4s		Pn	20 07 36.9	+1.6
YNR	Norris Junction	3.92 282	Pn	20 07 36.0	+0.8
OGNE	Ogallala	3.93 141	Pn	20 07 36.5	+0.8
MOOW	Moose Ponds	3.96 267	Pn	20 07 35.7	-0.4
YPP	Pitchstone Pla	3.98 275	Pn	20 07 37.9	+1.4
SNOW	Snow King Moun	4.01 263	Pn	20 08 44.0	
SNOW	comp=E,31nm,0.9s		IAML	20 08 51.2	
SNOW	comp=E,35nm,1.1s		IAML	20 07 36.4	-0.7
YHH	Holmes Hill	4.05 282	Pn	20 07 37.5	0.0
IMW	Indian Meadow	4.08 270	Pn	20 08 47.8	
IMW	comp=E,38nm,0.8s		IAML	20 08 57.6	
IMW	comp=E,22nm,0.8s		IAML	20 07 38.4	+0.7
REDW	Red Top Meadow	4.10 262	Pn	20 08 48.5	
REDW	comp=E,29nm,1.2s		IAML	20 07 39.2	+1.6
E28A	Huff	4.10 50	Pn	20 07 39.1	+0.8
TPAW	Teton Pass	4.14 264	IAML	20 08 58.3	
TPAW	comp=E,16nm,1.0s		IAML	20 09 10.4	
TPAW	comp=E,30nm,1.0s		IAML	20 07 39.6	+0.9
FXWY	Fox Creek	4.17 266	Pn	20 07 40.2	+1.3
ISCO	Idaho Springs	4.26 183	Pn	20 08 49.7	
ISCO	comp=E,13nm,0.8s		IAML	20 08 53.1	
YHB	Horse Butte	4.29 281	Pn	20 07 41.8	+1.5
YHB	comp=N,14nm,1.1s		IAML	20 09 00.6	
AHID	Auburn Hatcher	4.43 255	Pn	20 07 43.1	+0.9
AHID	comp=E,22nm,1.3s		IAML	20 09 01.3	
AHID	comp=E,23nm,0.8s		IAML	20 07 59.7	-1.3
SUSD	Miller	4.56 83	Pg	20 07 49.1	+3.0
RDMU	Red Mountain	4.73 124	IAML	20 09 05.5	
RDMU	comp=N,16nm,0.8s		IAML	20 09 06.5	
RDMU	comp=E,16nm,0.9s		IAML	20 07 47.0	+0.2
BOZ	Bozeman (W)	4.77 291	Pn	20 09 06.1	
BOZ	comp=E,12nm,0.8s		IAML	20 09 06.5	
BOZ	comp=E,12nm,0.9s		IAML	20 07 49.5	-1.2
SMCO	Snowmass	5.03 195	Pn	20 09 19.4	
SMCO	comp=E,17nm,0.9s		IAML	20 07 51.1	+0.5
EGMT	Eagleton	5.04 323	Pn	20 07 54.2	+1.1
HWUT	Hardware Ranch	5.23 244	Pn	20 07 56.2	+0.2
TCUT	Toone Canyon	5.39 239	Pn	20 07 56.6	+0.1
MCMT	McKenzie Canyo	5.47 281	Pn	20 08 06.3	-1.0
MDND	Maddock	5.49 44	Pn	20 08 43.1	-0.4
ECSD	EROS Data Cent	6.27 90	Pn	20 11 11.7	
ULM	Lac du Bonnet	8.91 43	Pn	20 10 10.8	+1.0
ULM	comp=E,0.3nm,0.3s,baz=228,slow=13,SNR=2.2		Lg		
ULM	comp=E,0.2nm,0.3s,baz=136,slow=8.5,SNR=3.0		Lg		
TXAR	Lajitas Array	14.75 174	Pn	20 19 30.6	-0.9
MXAR	Makanchi Array	88.29 355	P		
MXAR	comp=E,0.3nm,0.7s,baz=18,slow=3.6,SNR=3.0		P		

KRER	Koryakskii	3.39 242	eP	20 22 57.8	+1.8
KRER	KRER		eS	20 22 36.3	+0.2
KRX	Arik	3.41 243	eP	20 22 58.7	+1.9
AVH	Avacha	3.42 242	eP	20 22 58.8	+2.5
KOK	Koryak	3.46 243	eP	20 22 58.7	+1.9
DALK	Dalny	3.54 238	eP	20 23 38.3	+1.1
DALK	Petropavlovsk	3.59 239	eS	20 23 00.1	+1.5
PET	PET		eS	20 23 39.2	-1.5
GNL	Ganaly	3.64 251	eP	20 23 02.1	+2.8
KRMR	Karymshinskiy	3.97 239	eP	20 23 15.2	+1.3
RUS	Russkaya	4.03 233	eS	20 23 05.7	+1.1
RUS	RUS		eS	20 23 47.9	-3.6
PETK	Petropavlovsk-	4.03 245	Pn	20 23 05.8	+1.1
PETK	2.2nm,0.3s,baz=77,slow=18,SNR=73		Sn		
PETK	1.0nm,0.3s,baz=61,slow=24,SNR=1		Sn	20 23 52.7	+1.1
MTVR	Mutnovka	4.15 235	eP	20 23 07.7	+1.3
MTVR	MTVR		eS	20 23 52.8	-1.9
GRL	Gorelyy	4.16 236	eP	20 23 09.4	+2.9
ASAK	Asacha	4.35 235	eP	20 23 11.5	+2.4
ASAK	ASAK		LR	20 23 58.6	+0.9
SEY	Seymchan	9.88 328	LR	20 28 37.3	
ASAJ	Asahikawa	17.44 240	P	20 26 09.7	+2.5
ASAJ	0.4nm,0.3s,baz=63,slow=9,SNR=1.7		P		
MJAR	Matsushiro Arr	25.41 234	P	20 27 31.2	+0.9
MJAR	1.3nm,0.7s,baz=33,slow=8.9,SNR=2.8		P		
H112	WAKE ISLAND Hy	35.28 175	T	21 08 02.4	
H112	baz=359,slow=76,SNR=6.1		T		
H113	WAKE ISLAND Hy	35.30 175	T	21 07 59.4	
H113	baz=359,slow=76,SNR=6.1		T		
H111	WAKE ISLAND Hy	35.30 175	T	21 08 00.6	
H111	baz=359,slow=76,SNR=6.1		T		
SONM	Songino Array	35.57 283	P	20 28 58.3	-1.7
SONM	0.1nm,0.3s,baz=36,slow=9.5,SNR=2.0		P		
MKAR	Makanchi Array	49.26 296	P	20 30 48.8	-2.4
MKAR	0.1nm,0.4s,baz=45,slow=8.2,SNR=1.2		P		
MKAR	comp=Z,23nm,21.6s,baz=77,slow=38		LR	20 53 03.4	
NVAR	Mina Array Bea	53.10 74	P	20 31 22.1	+1.7
NVAR	0.2nm,0.5s,baz=318,slow=6.6,SNR=3.6		P		
FINES	FINES Array B	59.20 338	P	20 32 01.3	-2.0
FINES	0.2nm,1.0s,baz=36,slow=9.5,SNR=1.3		P		
CMAR	Chiang Mai Arr	60.66 260	P	20 32 12.9	-1.0
CMAR	0.4nm,0.5s,baz=20,slow=7.4,SNR=1.1		P		
TXAR	Lajitas Array	67.94 70	P	20 33 04.2	+2.6
TXAR	0.3nm,0.5s,baz=283,slow=4.5,SNR=4.4		P		
WRA	Warramang Arr	78.75 208	P	20 34 06.3	+1.1
WRA	0.3nm,0.7s,baz=23,slow=6.1,SNR=2.1		P		
ASAR	Alce Springs	82.41 207	P	20 34 26.5	+1.8
ASAR	0.3nm,0.5s,baz=18,slow=5.4,SNR=5.0		P		

ANF 28 20:23:25.3 0.8 66°20'N 141°34'W, h8km, 7km, ML3,8/21,
 Error ellipse: s-maj=3.3km s-min=2.5km az=27.0
 AEIC 28 20:23:26.1 6.66°13'N,0.02°141'50'W,0.09,7km,6km,
 ML3.3,ML3.5/78(NEIC), Error ellipse: s-maj=5.5km
 s-min=2.6km az=92.0
 NEIC 28 20:27.2 1.6 66°10'N,0°04'141'5'W,0.1, h14km, 6km,
 Error ellipse: s-maj=7.4km s-min=4.8km az=224.0
 ISC 28 20:25.6 0.9 66°11'N,0°03'141'50'W,0.03, h10km, n88,
 r145/104, Northern Alaska

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
EGAK	Eagle	1.34 174	Pn	20 23 51.1	-0.2
EGAK	Eagle	1.34 174	Pg	20 24 09.6	+0.9
EGAK	Eagle	1.34 174	Pg	20 23 51.3	-0.1
EGAK	baz=356,SNR=103		S	20 24 10.0	+1.3
EGAK	baz=356		S	20 23 54.5	-0.2
FYU	Fort Yukon	1.57 289	Pn	20 24 16.5	+0.3
FYU	FYU		Sn	20 23 57.1	-0.9
PRP	Porcupine Dome	1.76 252	Pb	20 24 19.7	-0.1
PRP	Porcupine Dome	1.76 252	Sb	20 23 57.2	-0.9
PRP	Porcupine Dome	1.76 252	P	20 24 21.8	-0.3
PRP	baz=70,SNR=39		S		
PRP	baz=70		S		
BMAR	Burnt Mountain	1.81 319	Pb	20 23 58.2	-0.6
EPYK	Eagle Plains	1.96 80	Pn	20 23 59.3	+0.4
EPYK	comp=N,494nm,0.8s		IAML	20 24 27.6	
EPYK	comp=N,494nm,0.8s		IAML	20 24 29.3	
EPYK	comp=E,565nm,0.4s		IAML	20 23 59.6	-1.7
EPYK	baz=264,SNR=63		Sg	20 24 27.0	-1.5
EPYK	baz=264		Sg	20 24 02.4	-1.3
K27K	Chicken	2.10 187	Pn	20 24 04.1	+1.4
DAWY	Dawson	2.23 155	Pn	20 24 04.1	+1.4
SCRK	Sand Creek	2.38 207	Pn	20 24 05.4	+0.6
SCRK	Sand Creek	2.38 207	Pb	20 24 06.5	-2.1
SCRK	baz=26		Pb	20 24 06.5	-2.1
IL31		2.62 242	Pn	20 24 08.8	+0.6
ILAR	Eielson Array	2.62 242	Pn	20 24 08.5	+0.4
H24K	Noodor Dome	2.62 267	Pn	20 24 53.1	
H24K	comp=N,185nm,0.6s		IAML	20 24 58.3	
H24K	comp=E,160nm,1.1s		Pn	20 24 08.5	+0.4
H24K	Noodor Dome	2.62 267	P	20 24 49.0	-0.8
H24K	baz=82,SNR=24		Sb		
H24K	baz=82		Sb	20 24 09.2	+0.7
POKR	Poker Plat Res	2.65 251	IAML	20 25 05.5	
POKR	comp=E,167nm,0.7s		P	20 24 09.1	+0.7
POKR	Poker Plat Res	2.65 251	P	20 24 09.4	-1.4
POKR	baz=66,SNR=11		Sb		
DOT	Dot Lake	2.70 205	Pn	20 24 10.5	+1.4
RIDG	Independent Ri	2.77 212	Pn	20 24 10.9	+0.8
RIDG	comp=N,187nm,0.6s		IAML	20 24 59.2	
RIDG	comp=E,259nm,1.1s		Pn	20 25 01.7	
RIDG	Independent Ri	2.77 212	P	20 24 10.2	+0.2
RIDG	baz=30		Sb	20 24 53.5	-1.0
HDA	Harding Lake	2.85 236	IAML	20 24 12.3	+1.1
HDA	comp=N,146nm,0.6s		IAML	20 25 00.6	
HDA	comp=E,190nm,0.8s		IAML	20 25 02.7	
HDA	Harding Lake	2.85 236	P	20 24 12.4	+1.2
HDA	baz=52,SNR=13		P		
HDA	baz=52,SNR=13		Sb	20 24 56.2	-0.9
HDA	baz=52		Sb	20 24 56.2	-0.9
HDA	baz=52		Sb	20 24 56.2	-0.9
COLA	College	2.92 248	Pn	20 24 13.1	+1.0
COLA	College	2.92 248	Sb	20 24 58.7	-0.6
COLA	baz=63		Sb		
TCOL	CIGO, UAF Yank	2.92 248	Pn	20 24 13.0	+0.9
TCOL	CIGO, UAF Yank	2.92 248	Sb	20 24 58.1	-1.3
CCB	Clear Creek Bu	3.02 244	Pn	20 24 14.0	+0.6
MDM	Murphy Dome	3.03 251	Pn	20 24 14.2	+0.7
MDM	MDM		IAML	20 25 07.8	
MDM	comp=E,114nm,0.9s		IAML	20 25 08.1	
MDM	comp=N,135nm,0.9s		IAML	20 25 15.2	+1.2
BCAR	Beaver Creek A	3.06 182	Pn	20 24 15.7	+1.7
L27K	Beaver Creek,	3.06 183	IAML	20 25 04.9	
L27K	comp=E,131nm,1.1s		P	20 24 16.0	+2.0
L27K	baz=3.2		Sb	20 25 01.9	-1.8
L26K	Log Cabin Wild	3.19 195	Pn	20 24 16.7	+0.8
L26K	Log Cabin Wild	3.19 195	Pn	20 24 18.1	+2.2
L26K	baz=14		Sb	20 25 06.6	-1.4
L26K	baz=14		Sb	20 24 16.9	+0.8
H23K	Yukon River	3.22 242	Pn	20 24 17.5	+0.1
H23K	comp=E,112nm,0.8s		IAML	20 25 23.3	

H23K	comp=N,99nm,0.8s		IAML	20 25 25.2	
H23K	Yukon River	3.30 269	P	20 24 17.7	+0.3
H23K	baz=82,SNR=5.7		Pn	20 24 19.4	+1.8
MENT	Mentasta	3.32 198	Pn	20 24 19.7	-0.7
I23K	Minto, Yukon-K	3.40 257	IAML	20 25 24.1	
I23K	comp=N,114nm,1.1s		IAML	20 2	

JUJ		S	Sn	21 41 03.8 +0.3
JISG	Ishigakijimahi	1.14 103 P	Pn	21 40 48.8 +0.3
JISG		eS	Sn	21 40 05.5 +0.6
JTJ	Tarama	1.48 97 P	Pn	21 40 53.1 +0.5
JTJ		S	Sn	21 41 13.0 +0.8

TAP 28 21:41:05.2,24:41N,121:39E, h21km, ML2.6, B, Taiwan				
Code	Station Name	Δ° AZ'	Phase ID	Time Res
			Op	h m s ISC
EWUT	Wuta	0.14 286 P	Pb	21 41 10.1 -1.3
EWUT	baz=286		S	21 41 13.5 -2.2
ENA	Nanau	0.17 277 P	Sb	21 41 10.4 -0.7
ENA	baz=277		S	21 41 14.3 -1.1
TWC	Suao	0.21 341 P	Pb	21 41 11.1 -0.1
TWC	baz=343		eS	21 41 15.1 -0.1
NDS	Dongshan	0.30 320 P	Pb	21 41 12.4 +0.5
NDS	baz=319		eS	21 41 17.5 +1.1
NACB	Ninganchiao	0.38 233 P	Pb	21 41 13.5 +0.4
NACB	baz=232		S	21 41 20.3 +1.8
TWE	Neicheng	0.39 323 P	Pb	21 41 14.0 +0.7
TWE	baz=324		eS	21 41 20.3 +1.4
ILA	Ilan	0.39 336 eP	Pb	21 41 14.0 +0.7
ILA	baz=336		eS	21 41 20.5 +1.6
NDT	Datong Townshi	0.42 298 P	Pb	21 41 14.7 +0.8
NDT	baz=297		eS	21 41 21.2 +1.4
TWD	Chiawan	0.44 223 eP	Pb	21 41 14.5 +0.3
TWD	baz=222		eS	21 41 22.1 -1.5
ETLH	Xiulin Townshi	0.45 244 eP	Sb	21 41 14.9 +0.5
ETLH	baz=243		eS	21 41 22.3 +1.6
NTC	Toucheng	0.46 349 eP	Pb	21 41 14.9 +0.5
NTC	baz=348		eS	21 41 22.2 +1.4
NNS	Nan Shan	0.50 274 eP	Pb	21 41 15.8 +0.4
NNS	baz=273		eS	21 41 23.4 +1.0
HWA	Hwalien	0.52 214 eP	Pb	21 41 16.2 +0.6
YHNB	Yeheng	0.56 298 eP	Pb	21 41 17.1 +0.5
YHNB	baz=297		eS	21 41 24.9 +0.7
TIPB	Shuangxi	0.57 351 eP	Pb	21 41 16.9 +0.3
TIPB	baz=350		eS	21 41 25.4 +1.0
NSK	Sanguang	0.58 298 eP	Pb	21 41 17.2 +0.4
NSK	baz=297		eS	21 41 25.3 +0.6
TWB1	Santiao Chiao	0.60 5 eP	Pb	21 41 17.7 +0.5
TWB1	baz=6.0		eS	21 41 26.7 -1.0
FUSS	Fushou	0.64 256 eP	Pb	21 41 18.2 +0.3
FUSS	baz=255		eS	21 41 28.0 -0.9
TWA	Mucha	0.65 332 eP	Pb	21 41 18.6 +0.6
TWA	baz=331		eS	21 41 28.5 -0.4
WHF	Hehuan Shan	0.66 247 eP	Pb	21 41 18.5 +0.2
WHF	baz=246		eS	21 41 28.5 -1.1
NWF	Wu-fen Shan	0.68 349 eP	Pn	21 41 19.1 -0.5
NWF	baz=348		eS	21 41 28.8 -0.8
TAT	Tachien	0.70 258 eS	Sn	21 41 30.1 -0.2
TAT	baz=257		eS	21 41 20.2 -0.2
TWP	Taipei	0.74 329 eP	Pn	21 41 30.6 -0.4
TWP	baz=329		eS	21 41 30.6 -0.4
ESL	Shilin	0.74 217 eP	Pb	21 41 19.1 -0.3
ESL	baz=216		eS	21 41 30.5 -0.6
CHGB	Renai	0.77 243 eP	Pb	21 41 20.3 +0.3
CHGB	baz=243		eS	21 41 31.5 -0.6
YM01	YM01	0.81 336 eP	Pn	21 41 21.2 -0.2
YM01	baz=336		eS	21 41 32.8 0.0
OWD	Renai	0.82 237 eP	Pb	21 41 20.8 0.0
OWD	baz=236		eS	21 41 32.8 -0.4
TWS1	Kuangyinshan	0.83 326 eP	Pn	21 41 21.4 -0.3
TWS1	baz=326		eS	21 41 33.9 +0.5
ANP	Anpu	0.86 335 eP	Pn	21 41 22.3 +0.1
ANP	baz=335		eS	21 41 33.8 -0.3
LIOB	Emei	0.86 286 eP	Pn	21 41 22.2 +0.1
LIOB	baz=286		eP	21 41 21.6 +0.1
EGFH	Guangfu	0.86 212 eP	Pb	21 41 23.0 +0.8
EGFH	baz=211		eS	21 41 35.8 +1.5
NTST	Danshui	0.87 330 eP	Pn	21 41 22.1 -0.2
NTST	baz=330		eS	21 41 35.0 +0.7
NSTT	Nanjiang	0.87 285 eP	Pn	21 41 23.2 +0.5
NSTT	baz=284		eS	21 41 35.5 +0.3
WHP	Taichung City	0.92 341 eP	Pn	21 41 23.0 +0.1
WHP	baz=341		eS	21 41 35.5 +0.1
TWY	Chenhu	0.95 295 eP	Pb	21 41 22.9 -0.2
TWY	baz=296		eP	21 41 24.0 +0.2
HSN	Beigang Elemen	0.99 250 eP	Pn	21 41 23.9 0.0
HSN	baz=249		eS	21 41 37.0 -0.2
YOJ	Yonaguni jima	0.99 87 eP	Pn	21 41 23.9 0.0
YOJ	baz=86		eP	21 41 24.6 +0.3
HGSD	Ruisui	1.02 207 eP	Pn	21 41 25.2 +0.1
HGSD	baz=206		eP	21 41 25.0 -0.1
SMLT	Sun Moon Lake	1.07 241 eP	Pb	21 41 25.0 -0.1
SMLT	baz=240		eS	21 41 40.2 +0.7
SSLB	Suanglung	1.08 235 eP	Pb	21 41 25.7 +0.2
SSLB	baz=235		eS	21 41 24.6 -1.6
TYC	Yuchr	1.10 243 eP	Pb	21 41 27.3 -0.1
TYC	baz=242		eP	21 41 27.3 -0.1
YULB	Yu-hi	1.16 210 eP	Pn	21 41 29.1 -0.4
YULB	baz=209		eP	21 41 29.1 -0.4
WHYT	Xinyi Township	1.21 234 eP	Pb	21 41 29.1 -0.4
WHYT	baz=234		eP	21 41 29.7 -0.4
FULB	Fuli	1.33 206 eP	Pb	21 41 29.7 -0.4
FULB	baz=205		eP	
ALS	Alsh	1.36 229 eP	Pb	
ALS	baz=228			

WDLH	Douliu	1.46 241 eS	Sb	21 41 50.2 +0.6
WDLH	baz=240		Pn	21 41 30.8 +0.2
EDLTW	Lidau	1.47 215 eP	Pn	21 41 32.0 +0.1
EDLTW	baz=214		Pb	21 41 33.5 -0.9
WTK	Tuku	1.58 243 eP	Pn	21 41 34.6 -0.6
WTK	baz=243		Pb	21 41 35.6 -0.8
TPUB	Ta-pu	1.62 227 eP	Pb	21 41 36.2 +0.8
TPUB	baz=227		Pn	21 41 40.1 +0.4
WTP	Ta-pu	1.67 226 eP	Pb	
WTP	baz=225		Pn	
TWK	Hsinying	1.74 230 eP	Pb	
TWK	baz=228		Pn	
SLGT	Liugui	1.83 220 eP	Pn	
SLGT	baz=219		Pn	
MASBT	Mashbululo	2.14 214 eP	Pn	
MASBT	baz=213			

NEIC 28 22:05:54.9±1.1, 36°08'N, 0°06'97.58W±0.02, h3km±7km, Error ellipse: s-maj=2.7km s-min=0.6km az=75.0
 ANF 28 22:05:54.7±0.5, 36°09'N, 97°53'W, h5km, ML3.8/9, Error ellipse: s-maj=6.6km s-min=2.7km az=118.0
 TML 28 22:05:54.7±1.1, 36°08'N, 0°11'97.58W±0.02, h5km±7km, ML3.3, mb, Lg3.2/99(NEIC), Error ellipse: s-maj=2.4km s-min=1.7km az=70.0
 ISC 28 22:05:55.4±1.1, 36°08'N, 0°02'97.57W±0.03, h5km±10km, n94, c084/75, Oklahoma

Code	Station Name	Δ° AZ'	Phase ID	Time Res
			Op	h m s ISC
OK029	Liberty Lake	0.30 162 P	Pg	22 06 04.9 -0.5
OK029	baz=220nm, 0.8s		Sg	22 06 05.2 0.0
OK009	Oakdale Elemen	0.52 167 P	Pg	22 06 04.8 -0.5
OK009	baz=225		Sg	22 06 13.1 +0.7
OK005	Luther M Schoo	0.53 144 P	Pg	22 06 05.2 -0.4
OK005	Westminster Rd	0.54 159 P	Pg	22 06 12.9 +0.3
OK025	Carrier	0.54 322 S	Sg	22 06 05.4 -0.3
CROK	CROK	0.57 156 P	Pg	22 06 10.0 +0.3
OK001	Jones High Sch	0.57 156 P	Pg	22 06 05.8 -0.5
OK001	baz=220nm, 0.8s		Sg	22 06 14.0 +0.3
OK031	S. Brethren Rd	0.61 102 P	Pg	22 06 06.8 -0.2
OK031	baz=220nm, 0.8s		IAMB_Lg	22 06 14.4
OK031	baz=220nm, 0.8s		Sg	22 06 14.9 0.0
OKCFA	Oklahoma City	0.67 172 P	Pg	22 06 07.6 -0.7
OKCFA	baz=351, SNR=25		Pg	22 06 07.6 -0.7
OKCFA	baz=351, SNR=25		S	22 06 16.8 -0.3
OKCFA	baz=351, SNR=25		P	22 06 07.6
OKCFA	baz=351, SNR=25		S	22 06 16.8
okcsw	OKLAHOMA CITY	0.69 171 P	Pg	22 06 07.8 -0.7
QUOK	Quay	0.70 83 P	Pg	22 06 08.6 -0.3
QUOK	baz=226		Sg	22 06 18.4 +0.4
BLOK	Blackwell	0.73 23 S	Sg	22 06 09.1 -0.3
BLOK	baz=226		Sg	22 06 19.3 +0.4
GC02	Grant County #	0.80 343 P	Pg	22 06 10.2 -0.6
GC02	Franklin	0.84 171 P	Pg	22 06 10.5 -0.9
OK032	Salt Plains WL	0.89 324 P	Pg	22 06 11.3 -1.1
KAN14	Manchester OK	0.93 340 P	Pg	22 06 12.4 -0.6
KAN17	South Haven SW	0.93 4 P	Pg	22 06 12.8 -0.6
KAN17	Caldwell West	0.97 351 P	Pg	22 06 13.3 -0.7
KAN10	Anthony SW Sta	1.12 338 P	Pg	22 06 15.7 -1.2
KS20	Mayfield South	1.14 1 P	Pg	22 06 16.6 -0.7
KAN08	Anthony NE Sta	1.19 344 P	Pg	22 06 17.2 -0.9
T35A	Sooner Cattle	1.19 45 P	Pg	22 06 17.4 -0.8
T35B	Sooner Cattle	1.19 45 P	Pg	22 06 17.4 -0.8
T35B	baz=226		S	22 06 33.1 -0.5
T35B	Sooner Cattle	1.19 45 P	Pg	22 06 17.4
T35B	baz=226, SNR=95		S	22 06 33.1
KAN12	Harper NE Stat	1.26 344 P	Pg	22 06 18.4 -1.1
TUL1	Leonard	1.45 96 P	Pg	22 06 21.1 -1.1
TUL1	baz=277, SNR=48		S	22 06 41.8 -0.2
TUL1	Leonard	1.45 96 P	Pg	22 06 21.1
TUL1	baz=277, SNR=48		S	22 06 41.8
X34A	Smith Ranch, M	1.50 188 Pn	Pb	22 06 22.8 -0.8
WMOK	Wichita Mounta	1.67 217 P	Pn	22 06 24.6 -0.7
WMOK	Wichita Mounta	1.67 217 P	Pn	22 06 24.4 -0.8
WMOK	baz=36		S	22 06 46.6 -0.4
WMOK	Wichita Mounta	1.67 217 P	Pn	22 06 24.4
WMOK	baz=36		S	22 06 46.6
LOOK	Love County	2.11 171 Pn	IAMB_Lg	22 06 31.4 +0.1
LOOK	baz=36		IAMB_Lg	22 07 02.2
X37A	Clayton	2.33 129 Pn	IAMB_Lg	22 06 34.5 +0.2
X37A	baz=270nm, 0.8s		IAMB_Lg	22 07 11.7
X37A	Clayton	2.33 129 P	Pn	22 06 34.5 +0.2
X37A	baz=310, SNR=27		S	22 07 05.2 -1.8
X37A	Clayton	2.33 129 P	Pn	22 06 34.5
X37A	baz=310, SNR=27		S	22 07 05.2
R32A	Long Quarter,	2.51 339 Pn	Pn	22 06 37.9 +1.2
U38A	Gravette	2.60 81 P	Pn	22 06 37.4 -0.6
U38A	Gravette	2.60 81 P	Pn	22 06 38.2 +0.2
U38A	Gravette	2.60 81 P	Pn	22 06 38.2
Z35A	Perchaven, San	2.76 174 Pn	Pn	22 06 39.4 -0.9
HHAR	Hobbs	2.94 85 Pn	Pn	22 06 42.6 -0.1
KSU1	Kansas State U	3.11 14 P	Pn	22 06 45.5 +0.5
KSU1	Kansas State U	3.11 14 P	Pn	22 06 45.5 +0.6
KSU1	Kansas State U	3.11 14 P	Pn	22 06 45.6
W39A	Magazine	3.21 105 Pn	IAMB_Lg	22 06 46.5 +0.1
W39A	baz=195		IAMB_Lg	22 07 42.6
W39A	Magazine	3.21 105 P	Pn	22 06 46.3 -0.1
W39A	baz=287, SNR=10		P	22 06 46.3
W39A	Magazine	3.21 105 P	Pn	22 06 47.8 +1.2
CBKS	Cedar Bluff	3.23 328 Pn	Pn	22 06 51.3 +0.5
Z38A	M. Pleasant	3.53 142 Pn	IAMB_Lg	22 07 50.6
Z38A	baz=296nm, 0.8s		IAMB_Lg	22 06 51.5 +0.1
AMTX	Amarillo	3.56 252 Pn	IAMB_Lg	22 07 46.9
AMTX	baz=296nm, 0.8s		IAMB_Lg	22 06 52.4 +0.5
MIAR	Mount Ida	3.61 114 Pn	IAMB_Lg	22 07 54.6
MIAR	baz=296nm, 1.1s		P	22 06 52.3 +0.5
MIAR	Mount Ida	3.61 114 P	Pn	22 07 35.6 +0.8
MIAR	baz=296		S	22 06 52.3
MIAR	Mount Ida	3.61 114 P	Pn	22 07 35.6
MIAR	baz=296, SNR=22		S	22 07 35.6
S39A	Solivar	3.76 64 Pn	Pn	22 06 54.1 +0.1
U40A	Yellville	3.82 85 Pn	IAMB_Lg	22 06 54.2 -0.7
U40A	baz=249nm, 0.7s		P	22 07 55.1
U40A	Yellville	3.82 85 P	Pn	22 06 54.7 -0.1
U40A	baz=267, SNR=7.4		P	22 06 54.7
U40A	Yellville	3.82 85 P	Pn	22 06 54.7
U40A	baz=267, SNR=7.4		P	22 06 54.7
ABTX	Abilene, Hawle	3.85 207 Pn	IAMB_Lg	22 06 54.8 -0.5
ABTX	baz=296		IAMB_Lg	22 07 59.9
WHTX	Lake Whitney,	4.08 179 Pn	Pn	22 06 58.3 -0.1
X40A	Basin Creek Fa	4.19 111 Pn	IAMB_Lg	22 06 59.3 -0.5
X40A	baz=296nm, 0.7s		IAMB_Lg	22 08 18.2
237A	Washetta, Mont	4.33 160 Pn	Pn	22 07 00.6 -1.2

237A	Wooly Hollow	4.37 99 Pn	IAMB_Lg	22 07 00.9 -1.5
237A	baz=240nm, 1.0s		IAMB_Lg	22 08 23.2
WHAR	White Oak Lake	4.37 122 Pn	IAMB_Lg	22 07 01.6 -0.8
WHAR				

29d 2h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KAN17 Caldwell West, KAN14 Manchester OK, etc.

TAP 29 01:31:31.6, 24.84N, 122.60E, h31km, 1km, ML3.1, D
JMA 29 01:31:32.4, 0.1, 24.72N, 122.49E, h12km, 2km, M2.3
ISC 29 01:31:32.4, 1.3, 24.76N, 122.53E, 0.02, h21km, 5km, n46, 0.052/89, 10C-BD, Taiwan region

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TWB1 Santiao Chiao, TWB11 bazo=287, etc.

ISC 29 01:46:45.9, 2.3, 0.51S, 15.57W, h0km, mb4.0/4, mb1 4.1/5, mb1mx3.6/36, mbtmp4.0/5, ML3.6/1, MS3.5/12, Ms1 3.5/12, ms1mx3.2/31, Error ellipse: s-maj=63.3km s-min=34.2km az=89.0
NEIC 29 01:46:47.8, 1.2, 0.6S, 0.1, 15.6W, 0.1, h10km, 1km, mb4.3/6, Error ellipse: s-maj=23.6km s-min=11.9km

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like baz=227.0, ISC 29 01:46:46.6, 0.9, 0.6S, 0.1, 15.6W, 0.2, h10km, n24, etc.

GUC 29 02:23:30.2, 0.7, 20.70S, 70.84W, h31km, 3km, ML3.7
ISC 29 02:24:08.3, 4.3, 15.42S, 69.94W, h25km, 61km, mb2.9/2, mb1 3.1/2, mb1mx2.8/20, mbtmp3.5/2, Error ellipse: s-maj=382.5km s-min=34.3km az=24.0
ISC 29 02:23:30.9, 1.4, 20.69S, 0.04, 70.79W, 0.09, h35km, n16,

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TA01 Diego Arcacena, HMBC Humberstone, PB02 IPOC Station P, etc.

Table with columns: DAT, Data, 2.51, 25, PN, Pn, 02 24 20.0 +0.9, etc. Includes stations like APE Apeiranthos, BODT Bodrum, BDRM Kayabasi, etc.

Table with columns: ARCES ARCESS Array B, 35.14, 360, P, P, 02 48 32.3 -1.7, etc. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

NIC 29 02:41:41.8,0.0,34.41N,26.05E,h26km,2km,M4.0/5
ATH 29 02:41:42.6,34.33N,26.13E,h14km,4km,ML3.4/5,Error
ellipse: s-maj=4.1km s-min=1.6km az=54.0

AKAS Kas 3.26 56 S Pn 02 43 32.5 +1.9
MULA Mugla, Merkez- 3.26 30 I P Sn 02 43 07.0 -3.9
GCAM ?zelcam? 3.34 13 PN Pn 02 43 36.4 +2.1

Table with columns: WEL 29 03:17:02.8,0.4,44.34S,16.92E,h39km,gkm,M3.6/11,
ML3.8/1,MLv3.6/11,Error ellipse: s-maj=0.0km
Code Station Name Az Az' Phase ID Op ISC Time Res ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZKR Zakros, STIA Sitta Lasithi, NPS Neapolis, etc.

Table with columns: CHOS Chios island, KORT Korkuelt, KORT Korkuelt, etc. Includes stations like PASA Karahalli, USA, PASA Antalya-Kepez, etc.

Table with columns: TUL 29 03:18:28.4,1.3,36.84N,0.02,-97.79W,0.04,h1km,7km,
ML2.6,mb,Lq2.5/32(NEIC),Error ellipse: s-maj=5.4km
NEIC 29 03:18:28.7,1.0,36.85N,0.02,-97.76W,0.02,h4km,7km,
Error ellipse: s-maj=2.8km s-min=2.4km az=46.0,
Oklahoma

29d 3h

Table with columns: KSBAR Backyrngudo, SNR=7.0, 1.33 234 P Pg, 03 28 23.3 0.0

TUL 29 03:44:41.1, 1.36, 03N0.0, 02:97.12W, 0.03, h5km, 7km, ML2.5, mb, Lg2.3/16(NEIC), Error ellipse: s-maj=3.8km

NEIC 29 03:44:40.9, 1.0, 36.04N, 02:02:97.14W, 0.03, h6km, 7km, Error ellipse: s-maj=3.9km s-min=2.4km az=99.0,

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

IDC 29 03:46:08.6, 2.2, 5.53S, 130.93E, h0km, mb3.7/1, mb1 3.9/3, mb1mx3.5/35, mbtmp3.7/3, ML3.9/2, Error ellipse: s-maj=99.4km s-min=31.0km az=71.0, Banda Sea

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

BJI 29 03:53:18.9, 0.0, 19.14N, 146.06E, h126km, mb5.0/43, mb5.0/66

NEIC 29 03:53:23.2, 1.9, 19.17N, 01:06:145.62E, 0.09, h120km, 4km, mb5.5/410, Mw5.2(GCMT), Error ellipse: s-maj=13.0km s-min=8.2km az=79.0

MOS 29 03:53:24.5, 0.9, 19.14N, 145.44E, h154km, mb5.3/63, MS4.1/4, Error ellipse: s-maj=8.3km s-min=4.2km az=111.3

IDC 29 03:53:26.4, 1.2, 19.09N, 145.49E, h161km, 10km, mb4.9/48, mb1 5.0/50, mb1mx4.9/56, mbtmp3.5/50, MS3.8/19, Ms1 3.8/19, ms1mx3.4/41, Error ellipse: s-maj=10.1km s-min=7.3km az=93.0

NEIC 29 03:53:26.19, 1.5N, 145.80E, h190km, Moment Tensor Solution, Moment Solution: Sca1e 1016Nm, Mw 5.93, Mw6.09, Mw6.016, Mw6.27, Mw6.275, Mw6.19, Fault plane solution: M6.990000, 1016 NP1, 298.00000, 0.36, 0.00000, -1.79, 0.00000. NP2, 104.00000, 855.00000, -1.98, 0.00000. Principal axes: T 7.4858, Plg9.00000, Azm200.00000; N -1.1233, Plg7.00000, Azm109.00000; P -3.6625, Plg79.00000, Azm344.00000

GCMT 29 03:53:26.2, 0.2, 19.15N, 01:145.81E, 0.01, h130km, 1km, Mw5.2/128, Moment Tensor Solution, s82, c110, s128, c24. Duration: 0 Moment tensor: Sca1e 1016Nm, Mw 5.92, Mw6.27, Mw6.016, Mw6.275, Mw6.19, Mw6.09, Mw6.016, Mw6.27, Mw6.275, Mw6.19, Fault plane solution: M6.700100, 1016 NP1, 300.00000, 836.00000, -1.75, 0.00000. NP2, 102.00000, 855.00000, -1.101.00000. Principal axes: T 7.6890, Plg9.00000, Azm199.00000; N -1.3760, Plg9.00000, Azm108.00000; P -6.3140, Plg77.00000, Azm336.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 29 03:53:26.0, 0.3, 19.16N, 01:145.61E, 0.04, h125km, 2km, h126km, pP-P, n1075, e1972/1011, mb5.4/385, 58C-198D, Fault plane solution: NP1, 278.73663, 024.65764, -1.83, 073667. NP2, 101.12336, 865.53416, -1.93, 168500. Principal axes: T 7.204740, Azm183.5144; N Plg2.8837, Azm92.4367; P Plg69.3057, Azm354.7735; Mariana Islands

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

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Main table with columns: JMZ PATS, Minamidaito 2, 14.85 299 P P, 03 56 47.8 -1.2

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Table with columns: SSE Sheshan, 25.04 303 P S, 03 58 35.8 +0.6

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like WMQ, SDPT, RAMN, CNBA, CHNA, JIRN, GUN, HPAH, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like PRZ, PRZ, SATY, SATY, TDK, TDK, CHUM, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like BTL, SUCK, RIDG, PRP, EKS2, AML, URZ, etc.

D04E	comp-Z,83nm,1.1s Lakebay baz=284,SNR=8.4	77.27	44	P	P	04 05 06.1 +3.0
EUNU	comp-Z,58nm,0.7s Eureka	77.28	8	I	Amb	04 05 04.6
I02D	comp-Z,38nm,0.7s Swisschore	77.30	46	P	P	04 05 05.5 +2.1
G03D	comp-Z,284,SNR=19 McMinnville, O	77.43	46	P	P	04 05 06.2 +2.1
B05A	comp-Z,284,SNR=14 Bryant	77.44	43	P	P	04 05 06.1 +2.0
J01E	comp-Z,285,SNR=46 Myrtle Point	77.47	49	P	P	04 05 06.5 +2.1
KBO	comp-Z,284,SNR=14 Bosley Butte	77.50	50	I	Amb	04 05 08.0
KOR	comp-Z,86nm,1.1s Corvallis	77.56	47	P	P	04 05 05.9 +1.1
COR	comp-Z,87nm,1.0s Corvallis	77.56	47	P	P	04 05 05.9 +1.1
E04D	comp-Z,86nm,1.0s Cinebar	77.56	45	P	P	04 05 07.0 +2.2
YKA	comp-Z,285,SNR=27 Yellowknife Ar	77.62	28	P	P	04 05 05.3 +0.6
YKA	comp-Z,4,0.8s,baz=291,slow=4.6,SNR=107 Yellowknife Ar	77.62	28	LR	LR	04 08 03.6
YKA	comp-Z,119nm,21.0s,baz=0.0,slow=34 Yellowknife Ar	77.62	28	P	P	04 05 05.6 +0.8
YKA	comp-Z,119nm,21.0s,baz=0.0,slow=34 Yellowknife Ar	77.62	28	P	P	04 05 05.6 +0.8
I03D	comp-Z,285,SNR=36 Drain, OR	77.75	43	I	Amb	04 05 08.0 +2.1
B06A	comp-Z,285,SNR=36 Marblemount	77.77	43	I	Amb	04 05 08.4
K02D	comp-Z,285,SNR=1.1s Willamette Mer	77.78	49	P	P	04 05 07.9 +1.7
L02E	comp-Z,285,SNR=28 Cave Junction	77.96	49	P	P	04 05 09.3 +2.1
H04D	comp-Z,285,SNR=27 Lebanon	77.97	47	P	P	04 05 09.1 +2.0
PRGR	comp-Z,120nm,1.0s Permogore	77.97	331	eP	pmax	04 05 06.2 -0.5
JCC	comp-Z,87nm,1.1s Jacob Creek	78.00	51	I	Amb	04 05 10.7
LON	comp-Z,85nm,1.4s Longmire	78.02	45	I	Amb	04 05 09.9
KHMM	comp-Z,86nm,0.9s Horse Mountain	78.20	51	I	Amb	04 05 12.0
H04A	comp-Z,106nm,0.9s Detroit Lake	78.30	47	I	Amb	04 05 11.4
C06D	comp-Z,286,SNR=9.5 Leavenworth	78.31	43	P	P	04 05 10.8 +1.8
HUMO	comp-Z,145nm,1.5s Hull Mountain	78.31	49	I	Amb	04 05 12.9
I04R	comp-Z,285,SNR=54 Tendick Farm	78.38	48	P	P	04 05 10.9 +1.5
KMRA	comp-Z,285,SNR=54 Mall Ridge	78.39	51	I	Amb	04 05 12.9
F05D	comp-Z,285,SNR=25 White Salmon	78.48	45	P	P	04 05 11.8 +1.9
LTY	comp-Z,80nm,1.0s Liberty	78.63	44	I	Amb	04 05 13.1
SPA0	comp-Z,53nm,1.4s Spitsbergen Ar	78.70	351	eP	P	04 05 10.7 +0.2
SP1S	comp-Z,53nm,1.4s Spitsbergen Ar	78.70	351	eP	P	04 05 10.8 +0.2
SP1S	comp-Z,53nm,1.4s Spitsbergen Ar	78.70	351	eP	P	04 05 12.0 +1.5
M02C	comp-Z,286,SNR=41 Callahan	78.70	50	P	P	04 05 13.4 +2.1
YBH	comp-Z,52nm,0.9s,baz=302,slow=2.0,SNR=129 Yreka Blue Hor	78.72	50	P	P	04 05 12.9 +0.9
YBH	comp-Z,52nm,0.9s,baz=302,slow=2.0,SNR=129 Yreka Blue Hor	78.72	50	P	P	04 05 14.4
J04D	comp-Z,91nm,1.1s Umpqua Natona	78.74	48	P	P	04 05 13.4 +1.8
G05D	comp-Z,286,SNR=53 Wamic, OR	78.75	46	P	P	04 05 13.2 +1.7
KBS	comp-Z,108nm,0.9s Kingsbay	78.82	352	eP	pmax	04 05 11.8 +0.6
KBS	comp-Z,108nm,0.9s Kingsbay	78.82	352	eP	pmax	04 05 12.0 +0.8
KBS	comp-Z,143nm,2.5s Kingsbay	78.82	352	eP	P	04 05 12.0 +0.8
L04D	comp-Z,286,SNR=39 Klamath Falls	78.82	49	P	P	04 05 14.0 +1.6
N02D	comp-Z,286,SNR=33 Trinity Center	78.88	50	P	P	04 05 14.6 +2.0
I05D	comp-Z,286,SNR=22 Terrebonne, OR	78.98	47	P	P	04 05 14.3 +1.5
RES	comp-Z,44nm,0.8s,baz=79.05,slow=3.9,SNR=44 Resolute Bay	79.00	14	I	Amb	04 05 12.9 +0.8
RES	comp-Z,47nm,0.8s Resolute Bay	79.00	14	I	Amb	04 05 14.0
NOR	comp-Z,24nm,1.3s Nord	79.03	357	iP	P	04 05 12.3 0.0
NOR	comp-Z,24nm,1.3s Nord	79.03	357	iP	P	04 05 12.3 0.0
O02D	comp-Z,24nm,1.3s Mt. Diablo Mer	79.08	51	P	P	04 05 15.5 +2.1
K04D	comp-Z,286,SNR=35 Chiloquin, OR	79.16	49	P	P	04 05 15.7 +1.8
B04A	comp-Z,286,SNR=13 Colville Reser	79.19	43	I	Amb	04 05 16.1
H0P5	comp-Z,85nm,1.2s Hopland Field	79.19	52	I	Amb	04 05 16.6
M04C	comp-Z,286,SNR=67 Maddoe	79.33	49	P	P	04 05 16.5 +1.7
J05D	comp-Z,286,SNR=73 Fort Rock, OR	79.34	48	P	P	04 05 16.8 +1.9
E07A	comp-Z,110nm,0.9s Sunnyside	79.36	44	I	Amb	04 05 17.4
F07A	comp-Z,110nm,0.9s Phinny Hill Vi	79.50	45	P	P	04 05 16.4 +0.9
HAWA	comp-Z,88nm,1.1s Hanford	79.62	45	I	Amb	04 05 18.8
HSB0	comp-Z,90nm,0.9s Hornsund (broa	79.63	350	eP	P	04 05 16.3 +0.7
O03E	comp-Z,286,SNR=62 Paynes Creek	79.77	51	P	P	04 05 18.2 +1.1
BELG	comp-Z,41nm,0.6s,baz=4.4,slow=13,SNR=12 Belgornoye	79.79	322	P	P	04 05 16.8 0.0
D08A	comp-Z,92nm,1.0s Wollman Farm	79.83	44	I	Amb	04 05 19.7
E08A	comp-Z,114nm,1.3s Dider Farm, E	79.91	44	I	Amb	04 05 20.3
LVZ	comp-Z,43nm,1.3s Lovozero	79.98	339	eP	pmax	04 05 17.1 -0.6
LVZ	comp-Z,43nm,1.3s Lovozero	79.98	339	P	P	04 05 17.4 -0.3
C09A	comp-Z,91nm,1.5s Christman Ranch	80.03	43	I	Amb	04 05 20.6
ORV	comp-Z,91nm,1.1s Oroville	80.21	52	I	Amb	04 05 21.6
MOD	comp-Z,86nm,1.0s Modoc Plateau	80.40	49	I	Amb	04 05 23.0
E09A	comp-Z,98nm,0.9s Wood Farm, Sta	80.50	44	I	Amb	04 05 23.4
APA	comp-Z,29nm,0.6s Apatity	80.55	339	iP	pmax	04 05 19.3 -1.4
NEW	comp-Z,58nm,0.9s,baz=287,slow=4.4,SNR=101 Newport	80.63	42	P	P	04 05 22.4 +0.9
NEW	comp-Z,58nm,0.9s,baz=287,slow=4.4,SNR=101 Newport	80.63	42	P	P	04 05 23.8
NEW	comp-Z,82nm,1.0s Newport	80.63	42	P	P	04 05 22.8 +1.3
AFDM	comp-Z,288,SNR=71 Forest Hills D	80.77	52	P	P	04 05 22.9 +0.4
BEKR	comp-Z,71nm,1.1s Beckworth	80.96	51	I	Amb	04 05 25.8
KLMR	comp-Z,60nm,1.3s Klimovskoe	81.01	332	iP	pmax	04 05 22.3 -0.9
KLMR	comp-Z,60nm,1.3s Klimovskoe	81.01	332	iP	pmax	04 05 22.3 -0.9
KLMR	comp-Z,60nm,1.3s Klimovskoe	81.01	332	iP	pmax	04 05 22.3 -0.9
KLMR	comp-Z,60nm,1.3s Klimovskoe	81.01	332	iP	pmax	04 05 22.3 -0.9

J08A	comp-Z,60nm,1.3s Circle Bar Ran	81.25	47	I	Amb	04 05 27.6
EDM	comp-Z,101nm,1.1s Edmonton	81.27	37	P	pmax	04 05 25.4 +0.6
EDM	comp-Z,112nm,1.1s Edmonton	81.27	37	P	P	04 05 25.4 +0.6
RUBR	comp-Z,112nm,1.1s Rubicon Trail	81.35	52	I	Amb	04 05 28.3
WVOR	comp-Z,89nm,0.9s Wild Horse Val	81.42	48	I	Amb	04 05 28.4
KEV	comp-Z,80nm,1.0s Kevo	81.47	342	P	pmax	04 05 25.4 -0.1
KEV	comp-Z,38nm,0.6s Kevo	81.47	342	P	P	04 05 25.4 -0.1
CMB	comp-Z,38nm,0.6s Columbia Colle	81.48	53	I	Amb	04 05 28.6
BMO	comp-Z,90nm,1.1s Blue Mountains	81.58	46	I	Amb	04 05 29.1
VMR	comp-Z,61nm,1.0s Virgite Lake	81.65	51	I	Amb	04 05 29.9
PMPB	comp-Z,77nm,1.1s Monarch Peak	81.72	55	I	Amb	04 05 30.3
PAHR	comp-Z,83nm,1.3s Pat R Range	81.72	51	I	Amb	04 05 29.9
HAMF	comp-Z,81nm,1.2s Hammerfest	81.90	343	eP	P	04 05 27.4 -0.3
ARAO	comp-Z,82nm,1.3s ARCS ARCESS Ar	82.03	342	eP	P	04 05 28.5 0.0
ARCES	comp-Z,41nm,0.6s,baz=73,slow=6.6,SNR=163 ARCS ARCESS Ar	82.03	342	eP	LR	04 05 28.3 -0.2
ARCES	comp-Z,44nm,1.8s,baz=100,slow=40 ARCS ARCESS Ar	82.03	342	eP	P	04 05 28.3 -0.2
YERR	comp-Z,49nm,0.7s Yerington	82.05	52	I	Amb	04 05 31.9
TULEG	comp-Z,133nm,1.1s Thule	82.27	8	iP	P	04 05 30.4 +0.9
PAGB	comp-Z,83nm,0.9s Antelope Grae	82.29	55	P	P	04 05 31.2 +0.7
PAGB	comp-Z,83nm,0.9s Antelope Grae	82.29	55	P	P	04 05 33.2
WALA	comp-Z,85nm,1.1s Waterloo Lakes	82.38	41	I	Amb	04 05 33.7
JTMT	comp-Z,110nm,1.4s Jette	82.60	42	I	Amb	04 05 34.3
SMMC	comp-Z,81nm,1.2s Simmer	82.61	55	P	P	04 05 34.1 +1.8
RYN	comp-Z,288,SNR=9.7 Ryan	82.69	52	I	Amb	04 05 35.2
MLAC	comp-Z,97nm,1.0s Mammoth, Mam	82.78	53	P	P	04 05 34.9 +1.6
LHV	comp-Z,91nm,1.0s Little Hootoon	82.83	52	I	Amb	04 05 36.2
KVN	comp-Z,104nm,1.0s Kaiserville	82.87	51	I	Amb	04 05 36.0
PKM	comp-Z,104nm,1.0s McPherson Peak	82.89	56	P	P	04 05 35.5 +1.6
MAK	comp-Z,288,SNR=24 Makhachkala	82.89	313	eP	pmax	04 05 30.5 -2.9
MAK	comp-Z,288,SNR=24 Makhachkala	82.89	313	eP	pmax	04 08 44.3
MAK	comp-Z,288,SNR=24 Makhachkala	82.89	313	eP	pmax	04 15 38.8 -3.0
MAK	comp-Z,288,SNR=24 Makhachkala	82.89	313	eP	pmax	04 16 33.7 -1.0
NVAR	comp-Z,43nm,0.5s Mina Array Bea	82.92	52	P	P	04 05 35.3 +1.3
NVAR	comp-Z,87nm,0.8s,baz=263,slow=6.2,SNR=450 Mina Array Bea	82.92	52	P	LR	04 06 54.3
KTK1	comp-Z,106nm,19.4s,baz=270,slow=31 Kautokeino	82.99	342	eP	P	04 05 33.2 -0.3
NV11	comp-Z,83nm,1.0s Mina Array Sit	83.03	52	I	Amb	04 05 36.9
MFID	comp-Z,83nm,1.0s Camas Ranch	83.06	47	P	P	04 05 35.0 +0.5
BMN	comp-Z,86nm,0.9s Battle Mountai	83.06	50	I	Amb	04 05 37.1
NEEM	comp-Z,86nm,0.9s North Greenlan	83.09	4	iP	P	04 05 35.1 +0.8
MSO	comp-Z,75nm,1.0s Missoula	83.14	43	P	P	04 05 35.6 +0.8
YES	comp-Z,289,SNR=15 Vestal, Richgr	83.15	55	P	P	04 05 35.5 +0.6
TIN	comp-Z,289,SNR=14 Tinemaha, Big	83.42	53	P	P	04 05 38.0 +1.6
JETT	comp-Z,289,SNR=5.3 Jettan, Norway	83.45	343	eP	P	04 05 36.9 +1.0
ARVC	comp-Z,289,SNR=5.3 Arvin	83.58	55	P	P	04 05 38.3 +1.2
ISA	comp-Z,289,SNR=5.3 Isabella, Lake	83.68	55	P	P	04 05 38.0 +0.3
CWC	comp-Z,289,SNR=16 Cottonwood Cre	83.73	54	P	P	04 05 38.9 +0.7
DAG	comp-Z,83nm,1.0s Danmarks Havn	83.80	356	iP	P	04 05 37.3 -0.2
DAG	comp-Z,10nm,0.8s Danmarks Havn	83.80	356	iP	pmax	04 05 39.7 -0.2
TRO	comp-Z,11nm,0.8s Tromsø	83.81	344	eP	P	04 05 37.1 -0.4
HLID	comp-Z,73nm,1.4s Hailey	83.97	46	I	Amb	04 05 41.6
HLID	comp-Z,73nm,1.4s Hailey	83.97	46	P	P	04 05 40.5 +1.2
GROC	comp-Z,291,SNR=64 Groznyy	83.99	314	eP	pmax	04 05 37.4 -1.7
GRAC	comp-Z,52nm,1.0s Grapevine Rang	84.09	53	P	P	04 05 41.0 +1.2
DECC	comp-Z,290,SNR=10.0 Green Verdugo	84.25	56	P	P	04 05 41.5 +0.9
EDW2	comp-Z,289,SNR=21 Edwards Air Fo	84.31	55	P	P	04 05 42.0 +1.1
LRMC	comp-Z,289,SNR=11 Laurel Mtn Rad	84.35	55	P	P	04 05 42.3 +1.1
ELK	comp-Z,27nm,0.9s Elko	84.38	49	I	Amb	04 0

29d 3h

Table with columns for ID, Name, Time, and various status codes. Includes entries like Q16A Castle Valley, P17A Butcher Ranch, LAO LISA Array, etc.

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Table with columns for ID, Name, Time, and various status codes. Includes entries like ULM Lac du Bonnet, 319A Douglas, SDCO Great Sand Dun, etc.

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Table with columns for ID, Name, Time, and various status codes. Includes entries like BUG Bochum-Union, OBKA Obr, EKA Koeln Einspar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like NOVA, KIRV, EKA, PRGR, TOR, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like MSK, MKZ, MYR, KIR, etc.

IDC 29 05:23:47.6, 4.0, 7.22S, 129.97E, h89km, 38km, mb3.7/1, mb1.4/3.1, mb1mx3.6/26, mbtmp4.5/4, Error ellipse: s-maj=85.5km s-min=20.1km az=84.0

IDC 29 05:23:53.0, 0.6, 7.28S, 129.50E, h150km, m34, r190/35, mb4.6/4, BANDA SEA

IDC 29 05:44:06.5, 0.5, 3.5S, 131.1E, h89km, 18km, M3.9/6, mb4.3/2, MLV3.7/6, Irian Jaya region

29d 6h

Table with columns: Station, Name, Time, Res, and various status indicators. Includes stations like KLR, SVWZ, L19K, etc.

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Table with columns: Station, Name, Time, Res, and various status indicators. Includes stations like KMI, PD31, PDAR, etc.

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Table with columns: Station, Name, Time, Res, and various status indicators. Includes stations like KBTR, KBG, KBG, etc.

ARE 29 06:00:20.4, 7.8, 6'S: 0.1, 79.0W: 0.1, h70km, 9km, Error ellipse: s-maj=0.0km s-min=0.0km az=144.0

NEIC 29 06:00:19.3, 1.3, 840S: 0.10, 78.9W: 0.1, h61km, 20km, mb4.2/5, ML4.0(ARE), Error ellipse: s-maj=17.8km s-min=13.5km az=71.0, Near coast of northern Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NNA, FLOC, AFO1, etc.

KRSC 29 06:13:32.9, 1.4, 56.23N: 164.49E, h60km, 23km, ML4.3, IDC 29 06:13:32.9, 0.8, 56.31N: 164.25E, h0km, mb4.0/10

MOS 29 06:13:36.1, 0.9, 56.23N: 164.32E, h49km, mb4.3/4, Error ellipse: s-maj=8.4km s-min=5.0km az=52.2

NEIC 29 06:13:37.9, 1.8, 56.21N: 0.09, 164.3E: 0.1, h31km, 5km, mb4.5/2, Error ellipse: s-maj=12.6km s-min=8.6km

ISC 29 06:13:32.4, 1.5, 56.25N: 0.03, 164.40E: 0.03, h3km, 9km, n151, r1861/186, mb4.3/20, MS3.5/19, 6C-1D, Komandorski Islands region

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

PET comp=E, 145nm, 0.5s smax smax

PET comp=N, 107nm, 0.6s mlr mlr

PET comp=Z, 700nm, 16.0s smax smax

PETK comp=Z, 2.2nm, 0.3s, baz=52, slow=26, SNR=7.5

PETK comp=Z, 515nm, 19.3s, baz=44, slow=44

PETK comp=Z, 255nm, 20.0s, baz=108, slow=38

SAJ comp=Z, 9.0nm, 0.9s

Table with columns: Station, Name, Time, Res, and various status indicators. Includes stations like ASAJ, ERM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like Pine Mountain, Slides Mountain, Geysers, etc.

IDC 29 08:24:24.5:0.8,51.56N:174.40W,h0km,mb4.0/0,3, Mb1 4.2/21,mb1mx2.0/67,mbtmp4.0/21,ML4.8/1,MS3.3/4, Ms1 3.3/4,ms1mx2.7/49,Error ellipse: s-maj=24.6km s-min=14.1km az=169.0

AEIC 29 08:24:28.7:5.51,40N:0.06:174.35W:0.08,h17km,3km, ML3.7/28,mb4.1/29(NEIC),Error ellipse: s-maj=8.6km s-min=6.6km az=162.0

NEIC 29 08:24:30.9:1.8,51.15N:0.06:174.33W:0.08,h39km,7km, Error ellipse: s-maj=8.3km az=145.0

ISC 29 08:24:29.7:0.6,51.44N:0.08:174.24W:0.05,h35km,n97, s=129/89,mb4.0/24,MS3.2/4,Andean Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like Atka Island, Kikv, KIMD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like NEA2, I23K, WRH, etc.

IDC 29 08:30:07.4:0.6,9.00S:159.03E,h0km,mb4.2/15, mb1 4.4/18,mb1mx4.2/42,mbtmp4.2/18,ML4.0/3,Error ellipse: s-maj=17.0km s-min=14.5km az=85.0

ISC 29 08:30:12.4:0.6,9.05S:159.07E:0.09,h35km,n19, s=089/22,mb4.2/15,Bougainville-Solomon Islands region

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

ROM 29 08:30:33.3:0.2,45.123N:0.007:11.94E:0.01,h4km,1km, ML2 1/5,Error ellipse: s-maj=1.0km s-min=0.6km az=116.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like Ferrara-Casagl, Teolo, Teolo, etc.

IDC 29 09:31:34.1:1.9,5.91N-94.56E,h0km,mb3.5/4,mb1 3.8/5, mb1mx3.5/36,mbtmp3.6/5,ML4.3/1,MS3.8/1,Ms1 3.8/1, ms1mx2.7/44,Error ellipse: s-maj=82.0km s-min=25.8km az=57.0,Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like CMAR, H08S3, H08S2, etc.

29d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRSR Korea Array, JCJ Chichijima, WRA Warramunga Arr.

NEIC 29 10:01:14.2,2.7,2.3:3S:0.1x177.0W:0.1, h135km, 7km, mb4.5/21, Error ellipse: s-maj=20.3km s-min=19.9km

IDC 29 10:01:19.4,4.9,2.3:31S:177.15W, h184km, 40km, mb3.9/6, mb1.4/1.7, mb1mx3.6/35, mbtmp4.4/7, Error ellipse: s-maj=40.2km s-min=20.9km az=137.0

ISC 29 10:01:14.8-0.5, 2.3:36S:0.06:176.84W:0.09, h150km, n74, c2s01/69, mb4.3/15, South of Fiji Islands

Main table for 29d 10h section, listing various seismic stations and their parameters. Includes stations like RIZ Raoul Island, GLKZ Green Lake, MSVF Nonsavu, etc.

IDC 29 10:02:40.4-1.1, 2.3:91S:175.92W, h0km, mb4.1/10, mb1.4/3.10, mb1mx4.1/33, mbtmp4.1/10, MS3.7/7, Ms1.3/5.7, ms1mx3.2/31, Error ellipse: s-maj=47.0km s-min=22.1km az=154.0

ISC 29 10:02:40.3-0.7, 2.4:3S:0.1x175.45W:0.09, h10km, n20, c2s11/17, mb4.2/10, MS3.5/4, South of Tonga Islands

29 AUG

Table for 29 AUG section, listing stations like MSVF Nonsavu, MSVF RAR, RAR Rarotonga, etc.

IDC 29 10:07:18.9-1.0, 1.85S:115.68E, h0km, mb4.2/9, mb1.4/3.10, mb1mx3.9/52, mbtmp4.2/10, ML3.6/1, MS3.3/3, Ms1.3/4.3, ms1mx2.9/34, Error ellipse: s-maj=92.3km s-min=13.7km az=55.0

NEIC 29 10:07:22.3-1.6, 1.50S:0.09:116.03E:0.06, h4hkm, 5km, mb4.2/13, Error ellipse: s-maj=14.2km s-min=7.6km az=154.0

DJA 29 10:07:23.5-0.2, 2.2:5:0.2, S:2x11.6E, h10km, M4.5/13, mb4.7/5, mb4.9/2, MLv4.5/13, Mw(MB)4.2/2

ISC 29 10:07:22.3-1.2, 1.53S:0.04:116.03E:0.04, h16km, 8km, n44, c1s21/53, mb4.2/13, Borneo

Main table for 29 AUG section, listing various seismic stations and their parameters. Includes stations like BKB Balikpapan, BKB Balikpapan, etc.

TUL 29 10:17:04.5-1.2, 36:26SN:0.004:97:34W:0.02, h8km, 7km, ML2.5, mb, Lg2.5/43(NEIC), Error ellipse: s-maj=2.0km s-min=0.4km az=76.0

NEIC 29 10:17:04.4-0.8, 36:27N:0.01:97:35W:0.02, h4km, 7km, Error ellipse: s-maj=1.9km s-min=1.6km az=63.0

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Table for 1456 section, listing stations like OK029 Liberty Lake, BLOK Blackwell, OK031 S. Brethren Rd, etc.

FUNJ 29 10:28:50.4, 12.69N:70.05W, h5km, MW3.0, ISC 29 10:28:50.1-0.2, 6.127N:0.1:69.97W:0.07, h25km, n8, c1s70/12, Near coast of Venezuela

Table for FUNJ 29 section, listing stations like MONV Montecano, DABV Dabajuro, DABV Dabajuro, etc.

IDC 29 10:31:37.4-2.8, 13.02N:122.48E, h0km, mb3.4/3, mb1.6/3.6, mb1mx3.2/28, mbtmp3.4/3, Error ellipse: s-maj=247.2km s-min=28.8km az=63.0

MAN 29 10:32:16.5, 8.91N:122.77E, h18km, mb4.6, ML3.5, MS3.3, ISC 29 10:32:15.1-1.2, 8.88N:0.05:122.72E:0.10, h10km, n8, c1s26/13, 2C-4D, Mindanao

Main table for 1456 section, listing various seismic stations and their parameters. Includes stations like SNPH Sibulan, DCPH Dipolog City, DCPH Dipolog City, etc.

DJA 29 10:52:40.2-0.5, 2.2:5:0.2, N:5:12.3E, h10km, M4.8/12, mb5.0/6, mb5.2/9, MLv4.8/12, Mw(MB)4.6/3

NEIC 29 10:52:45.0-1.9, 1.45N:0.09:123.13E:0.04, h35km, 8km, mb4.5/28, Error ellipse: s-maj=12.6km s-min=5.2km az=181.0

BUI 29 10:52:45.5-0.1, 1.52N:122.91E, h29km, mb4.9/16, mb4.7/26, Ms4.2/5, Ms7.3/9.4

IDC 29 10:52:49.9-4.1, 1.32N:123.06E, h91km, 41km, mb3.7/6, mb1.3/9.7, mb1mx3.5/39, mbtmp4.1/7, MS3.4/13, Ms1.3/4.13, ms1mx3.2/32, Error ellipse: s-maj=36.3km s-min=16.7km az=72.0

ISC 29 10:52:41.4-0.4, 1.46N:0.05:123.17E:0.06, h10km, n78, c1s54/60, mb4.6/23, MS3.5/13, 1C-2D, Minahassa Peninsula, Sulawesi

Main table for 1456 section, listing various seismic stations and their parameters. Includes stations like GTOI Gorontalo, MRSI Marisa, MNI Manado, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KCP Kidapawan, BNSI Bone, KRAI Karang Ratu, KAPI Kappang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JYRO Yoronjima, JYOS Gusukube, JMJO Miyako jima3, etc.

IDC 29 11:14:56.52,0.2,42.23N*122.55E, h0km, mb3.3/1, mb1 3.2/3, mb1mx3.0/38, mbtmp3.2/3, ML2.3/2, Error ellipse: s-maj=43.6km s-min=29.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSR5 Korea Array, KSR6 Korea Array, KSR7 Korea Array, etc.

DJA 29 11:35:36.9,0.2,1'N*12'5E, h84km,4km, MA,7/14, mb4.6/14, mb5.3/6, MLV4.6/14, Mw(MB)4.8/6, Mw(Mw)5.1/1, Mwps3.1/1

NEIC 29 11:35:36.4,1.4,0.68N*0.09W,125.23E,0.07, h75km,6km, mb4.5/47, Error ellipse: s-maj=13.3km s-min=9.3km

IDC 29 11:35:36.1,1.9,0.72N*125.15E, h75km,17km, mb4.1/29, mb1 4.1/31, mb1mx1.1/39, mbtmp4.4/31, MS3.2/6, MS1 3.3/6, ms1mx2.0/38, Error ellipse: s-maj=16.0km s-min=9.6km az=91.0

ISC 29 11:35:36.8,0.9,0.66N*0.04W,125.29E,0.06, h86km,9km, n126,0.89N/134, mb4.4/53, LD, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNI Manado, NNTI Ternate, NNTI Tual, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like comp=Z,44nm,18.1s, comp=Z,1.6nm,0.9s, etc.

JMA 29 10:57:05.0,0.2,25.01N*127.90E, h69km, M3.3, ISC 29 10:57:02.1,1.8,24.91N*105.127.99E,0.04, h15km,11km, n24, c1734/44, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JTT3 Tamagusuku3, JNTH Nagotoyohara, etc.

AS31 Alice Springs 25.59 161 P P 11 40 59.4 +1.2 ASAR Alice Springs 25.59 161 P P 11 40 59.4 +1.2

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

BCAR Beaver Creek A 90.75 27 P P 11 48 31.7 +1.6 BRTR Keskin Array B 90.86 31 P P 11 48 29.6 -1.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BCAR Beaver Creek A, BRTR Keskin Array B, etc.

29d 12h

TORD Torodi Ar. Bea 122.44 286 PKP PKPfd 11 54 22.1 -1.1
TXAR Lajitas Array 124.59 53 PKPKP PKPKP 11 54 28.3 +0.9

NNC 29 11:57:40.9.6.2.44'00N-83'00E, h0km, mb2.8, mpv2.7,
Error ellipse: s-maj=50.1km s-min=17.8km az=121.0

SOME 29 11:57:54.6.43'65N-83'07E, h0km
ISC 29 11:57:53.1-1.7, 43'63N-83'07E, h0km, n17,
e123/24, 2C-2D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Ketmen, Jarkent, DJR, etc.

NEIC 29 12:14:03.6-1.1, 37'109N-02007-98'00W, h0.05, h7km, 6km,
Error ellipse: s-maj=6.2km s-min=1.0km az=91.0,
Kansas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Anthony SW Sta, Manchester OK, etc.

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Table with columns: X40A, OGNE, WHAR, etc. Lists stations like Ogallala, Woolly Hollow, etc.

ISK 29 12:21:30.6.38'74N-43'29E, h1km, ML2.7/11
DDA 29 12:21:31.7.38'74N-43'27E, h7km, 3km, ML2.4

ISC 29 12:21:32.2-1.0, 38'75N-02-43'29E, 0.03, h18km, 4km,
n19, e121/31, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Van, ERCV, etc.

IDC 29 12:24:55.3-0.9, 25'45N-96'47E, h0km, mb3.9/9,
mb1 3.9/10, mb1mx3.6/52, mbtmp3.8/10, ML3.7/1, MS3.4/6,

Ms1 3.4/6, ms1mx2.9/51, Error ellipse: s-maj=37.1km
s-min=15.8km az=62.0

ISC 29 12:24:59.4-0.9, 25'50N-106'56E, 0.2, h25km, n14,
e138/11, mb3.8/9, MS3.3/5, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Chiang Mai Arr, CMAR, etc.

IDC 29 12:29:08.8-5.3, 1'85N-124'81E, h206km, 54km, mb3.2/8,
mb1 3.4/10, mb1mx3.2/46, mbtmp3.9/10, Error ellipse:

s-maj=45.8km s-min=13.9km az=83.0
ISC 29 12:29:08.1-1.3, 1'90N-102'148E, 0.2, h198km, n10,
e056/10, mb3.5/8, Minanassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Sorong, Jay, etc.

1458 Suspected Mining explosion., Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Kurbatov Arra, MAKZ, etc.

NEIC 29 12:31:59.0-1.2, 35'97N-102-96'81W, 0.02, h5km, 4km,
mb Lg2.3/25, Error ellipse: s-maj=3.1km s-min=1.4km
az=129.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like S. Brethren Rd, QUOK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MOA, HIN, HINF, ECH, ECH, BRANT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like VRAC, VRAC, VRAC, Saint Saulge, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HAMB, HAMB, HAMB, KSSCH, etc.

1463

Table with columns: Code, Station Name, Delta, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GOF Gofitskoye, GNI Gari, AKTO Aktyubinsk, etc.

IDD 29 13:44:33.51.4.2, 22:65S:66:18W, h242km, 18km, mb3.4/1, mb1 3.4/5, mb1mx3.1/28, mbtmpp3.9/5, Error ellipse: s-maj=30.1km s-min=17.9km az=130.0

SJA 29 13:44:34.4.0.8, 22:59S:66:21W, h246km, 5km, M4.2, MW3.9

GUC 29 13:44:35.0.0.5, 22:62S:66:31W, h246km, 14km, M3.9

ISC 29 13:44:33.9.0.8, 22:64S:66:28W, 0.05, h254km, 7km, n38, r141/68, 1C-50, Jujuy Province

Main station list for 1463, including YJA Yavi, HJA Humahuaca, SAN San Pedro de A, SLA San Lorenzo, LVC Limon Verde, etc.

GUC 29 13:50:21.6.0.3, 23:85S:67:07W, h246km, 5km, M4.3

IDD 29 13:50:21.5.1.3, 23:70S:66:61W, h207km, 13km, mb3.0/3, mb1 3.3/8, mb1mx3.2/30, mbtmpp3.7/8, Error ellipse: s-maj=20.6km s-min=17.0km az=158.0

ISC 29 13:50:20.9.0.8, 23:85S:66:77W, 0.06, h211km, 8km, n23, r1529/39, mb3.2/3, 7C-1D, Jujuy Province

Small table with columns: Code, Station Name, Delta, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes SLA San Lorenzo, LVC Limon Verde.

2015 AUG

Table with columns: Code, Station Name, Delta, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes LVC Limon Verde, IPOC Station P, etc.

IDD 29 13:53:43.5.1.9, 22:07N:143:08E, h241km, 17km, mb3.4/9, mb1 3.5/11, mb1mx3.2/42, mbtmpp4.0/11, Error ellipse: s-maj=35.2km s-min=13.8km az=82.0

NEIC 29 13:53:43.9.2.8, 22:05N:142:55E, 0.2, h248km, 12km, mb4.1/16, Error ellipse: s-maj=23.8km s-min=11.2km az=79.0

JMA 29 13:53:47.8.0.2, 22:52N:143:51E, h276km, M4.4

ISC 29 13:53:44.0.0.6, 22:02N:142:55E, 0.1, h250km, n50, r162/54, mb3.9/13, Volcano Islands region

Main station list for 2015 AUG, including JHH2 Haha-jima-NKT2, CBJ Chichi jima, etc.

IDD 29 14:07:29.7.0.5, 57:35S:25:56W, h0km, mb4.5/12, mb1 4.6/14, mb1mx4.4/33, mbtmpp4.5/14, M4.7, 2.83/6.7, Ms1 3.6/7, ms1mx3.4/22, Error ellipse: s-maj=2.1km s-min=13.9km az=54.0

NEIC 29 14:07:37.4.1.7, 57:4S:0:1x25:7W:0.2, h56km, 6km, mb4.6/31, Error ellipse: s-maj=17.9km s-min=12.8km az=205.0

ISC 29 14:07:38.8.2.0, 57:48S:0:08:25:70W:0:10, h70km, 18km, n107, r081/105, mb4.6/21, South Sandwich Islands region

Small table with columns: Code, Station Name, Delta, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes WRA Warramunga Arr, etc.

29d 14h

Table with columns: Code, Station Name, Delta, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes HOPE Hope Point, VNA1 Neumayer-Stat, etc.

ISC 29 14:07:38.8.2.0, 57:48S:0:08:25:70W:0:10, h70km, 18km, n107, r081/105, mb4.6/21, South Sandwich Islands region

ISC 29 14:07:38.8.2.0, 57:48S:0:08:25:70W:0:10, h70km, 18km, n107, r081/105, mb4.6/21, South Sandwich Islands region

ISC 29 14:07:38.8.2.0, 57:48S:0:08:25:70W:0:10, h70km, 18km, n107, r081/105, mb4.6/21, South Sandwich Islands region

ISC 29 14:07:38.8.2.0, 57:48S:0:08:25:70W:0:10, h70km, 18km, n107, r081/105, mb4.6/21, South Sandwich Islands region

Main station list for 29d 14h, including VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RAR, ASAR, PDAR, ULM, NVAR, ELK, CMAR, FINES, ARCES, YKA, INK, SONM, ILAR, KSRS.

IDC 29 14:15:00.3:40.0, 17:36S:179.74E, h540km, 158km, mb3.3/3, mbj=3/5.3, mb1mx2.8/3.3, mb10m4p3.3, Error ellipse: s-maj=872.2km s-min=101.6km az=80.0, F107 Islands

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

SJA 29 14:16:50.0:0.6, 23:39S:66.84W, h226km, 4km, ML4.2, MW3.8

IDC 29 14:16:51.6:1.6, 24.02S:66.74W, h196km, 13km, mb3.3/1, mb1 3.5/7, mb1mx3.2/3.9, mbmt3p.9/7, MS3.8/1, Ms1 3.8/1, ms1mx2.7/9, Error ellipse: s-maj=31.5km s-min=16.2km az=8.0

GUC 29 14:16:53.0:0.5, 23:32S:67.11W, h236km, 10km, ML4.4, ISC 29 14:16:52.4:0.8, 23:33S:0.04:66.85W, h209km, 7km, n46, c158/75, 13C-ID, Jujuy Province

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SLA, HJA, LVC, LVC, FSA, PB15, PB15, PB06, PB06, PB06, PB09, PB09, AHML, AHML, PB05, PB05, PB03, PB03, PB03, PB14, PB14, PB04, PB04, PB04, AC02, AC02, PB07, PB07, PB07, PB01, PB01, PB01, PB02, PB02, PB08, PB08, TA01, HMBC, HMBC, G003, PB11, PSQG, LPAZ, LPAZ, CPUP, SIV, PLCA.

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

IDC 29 14:22:36.8:0.7, 6:75N:72.92W, h166km, 9km, mb3.4/3, mb1 3.6/6, mb1mx3.2/3.8, mbmt4.0/6, MS3.1/2, Ms1 3.1/2, ms1mx2.6/27, Error ellipse: s-maj=27.7km s-min=7.2km az=134.0

RSNC 29 14:22:37.4:0.8, 6:81N:73.16W, h150km, 3km, ML3.8, MW3.8, Fault plane solution: NP130128.00000, 678.00000, 1.34.00000

ISC 29 14:22:36.3:0.8, 6:83N:0.003:73.11W:0.04, h158km, 6km, n55, c185/94, mb3.8/3.8C-ID, 58C, Northern Colombia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BARC, PAMC, PAMC, PAMC, BARRANCA, RUSC, TAMC, PTBC, OCAC, SPBC, SPBC, ZARC, ZARC, NORC, NORC, SMLC, SMLC, CHIC, CHIC, ROSC, ROSC, ROSC, ROSC, HELC, HELC, UREC, UREC, LL2C, LL2C, LL1C, LL1C, GUY2, GUY2, VILC, VILC, PTGC, PTGC, CB0C, CB0C, DBBC, DBBC, TOLC, TOLC, SDV, SDV, SDV, SDV, ARGC, ARGC, PRAC, PRAC, ORTC, ORTC, CVALL, CVALL, SJCC, SJCC, LCBC, LCBC, CRUC, CRUC, GUVU, GUVU, YOTC, SMRC, SMRC, CAPC, CAPC, PTAC.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MACC, MACC, MACC, MARP, MARP, URIC, MALC, MALC, MALC, GARC, GARC, GARC, PCON, PCON, POPC, POPC, FLOEC, FLOEC, BBAC, BBAC, BBAC, PCRV, PCRV, ATAH, ATAH, NNA, NNA, CNM, CNM, TXAR, TXAR, SCHO, SCHO, ASAR, ASAR, WRA, WRA.

IASPEI 29 14:39:05.9:1.0, 37:06N:0.03:97:51W:0.02, h8km, 7km, Error ellipse: s-maj=4.3km s-min=2.9km az=26.5, G15 selection from ISC bulletin G15 identified by Bond and McLaughlin (2009) selection criteria Bond and McLaughlin, A new ground truth data set for seismic studies, <doi>10.1002/eqe.465-472, 2009

NEIC 29 14:39:05.9:0.4, 37:058N:0.009:97:51W:0.01, h8km, 3km, Error ellipse: s-maj=1.6km s-min=1.3km az=108.0

ANF 29 14:39:06.4:0.3, 37:04N:97:53W, h7km, ML3.8/13, Error ellipse: s-maj=2.9km s-min=2.6km az=53.0

ISC 29 14:39:06.1:0.9, 37:05N:0.02:97:52W:0.02, h7km, 6km, n84, c8936/53, Kansas

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KAN13, KS20, KS20, KAN17, KAN17, KAN06, KAN06, GC02, GC02, KAN14, KAN14, BLOK, BLOK, KAN08, KAN08, KAN12, KAN12, KAN10, KAN10, OK032, OK032, CROK, CROK, T35A, T35A, T35B, T35B, QUOK, QUOK, OK031, OK031, OK029, OK029, U32A, U32A, U32A, U32A, OK025, OK025, OKCFA, OKCFA, OKCFA, OKCFA, R32A, R32A, R32A, R32A, FNO, FNO, TUL1, TUL1, TUL1, TUL1, TUL1, TUL1, KSU1, KSU1, KSU1, KSU1, WMOK, WMOK, WMOK, X37A, X37A, X37A, S39A, S39A, S39A, W39A, W39A, N33B, N33B, N33B, Z35A, Z35A, U40A, U40A.

Table with columns: U40A, Yellville, 3.81 99 P, 14 40 06.1, U40A, 4.01 239 Iamb_Lg, 14 41 16.4, AMTX, 4.05 49 Iamb_Lg, 14 41 20.7, P38A, 4.07 127 Iamb_Lg, 14 41 17.7, MIAR, 4.07 20 Iamb_Lg, 14 41 19.2, N35A, 4.20 87 Iamb_Lg, 14 41 17.9, MGMO, 4.32 151 Iamb_Lg, 14 41 34.3, Z38A, 4.34 72 Iamb_Lg, 14 41 29.2, R40A, 4.38 354 P, 14 40 13.4 +0.4, BGNE, 4.38 354 P, 14 40 13.4, KSCO, 4.48 297 Iamb_Lg, 14 41 29.5, KSCO, 4.48 297 P, 14 40 14.9 +0.3, KSCO, 4.48 297 P, 14 40 14.9, FCAR, 4.50 103 Iamb_Lg, 14 41 30.5, WHAR, 4.58 111 Iamb_Lg, 14 41 29.3, X40A, 4.59 123 Iamb_Lg, 14 41 43.7, WLAR, 4.92 132 Iamb_Lg, 14 41 53.6, P40A, 4.96 58 Iamb_Lg, 14 41 52.4, L34A, 4.99 10 Iamb_Lg, 14 41 39.8, N38A, 5.01 41 Iamb_Lg, 14 41 53.4, WHTX, 5.05 179 P, 14 40 22.3 0.0, WHTX, 5.05 179 P, 14 40 22.3, CCMC, 5.08 77 Iamb_Lg, 14 41 53.9, OGNB, 5.24 319 Iamb_Lg, 14 42 02.1, T25A, 5.51 273 Iamb_Lg, 14 42 09.3, K31A, 5.64 351 Iamb_Lg, 14 42 18.1, PBMO, 5.69 91 Iamb_Lg, 14 42 15.1, NATX, 5.79 155 Iamb_Lg, 14 42 25.1, SCIA, 5.88 33 Iamb_Lg, 14 42 15.2, SLM, 5.98 72 Iamb_Lg, 14 42 17.2, 435B, 6.26 181 Iamb_Lg, 14 42 37.7, LNXT, 6.53 96 Iamb_Lg, 14 42 46.6, K38A, 6.67 32 Iamb_Lg, 14 42 47.8, ECSD, 6.71 6 Iamb_Lg, 14 42 36.6, JCT, 6.83 97 Iamb_Lg, 14 42 46.3, L40A, 6.98 42 Iamb_Lg, 14 42 44.8, W45A, 7.01 103 Iamb_Lg, 14 42 56.0, SUSD, 7.46 352 Iamb_Lg, 14 43 13.2, JFW5, 8.09 41 Iamb_Lg, 14 43 26.9, T47A, 8.33 87 Iamb_Lg, 14 43 39.6, H40A, 8.62 35 Iamb_Lg, 14 43 51.3, RSSD, 8.62 327 Iamb_Lg, 14 43 43.1, V48A, 8.72 95 Iamb_Lg, 14 43 47.9, RWWY, 8.81 305 Iamb_Lg, 14 44 00.3, K22A, 8.90 312 Iamb_Lg, 14 44 00.5, WCI, 8.98 79 Iamb_Lg, 14 44 02.9, E28A, 9.80 347 Iamb_Lg, 14 44 26.8, P48A, 9.81 72 Iamb_Lg, 14 44 20.9, R49A, 9.87 79 Iamb_Lg, 14 44 22.9, N47A, 9.97 64 Iamb_Lg, 14 44 22.7

Table with columns: NBEZ, Newall Road No, 3.09 5 P, 15 02 24.9 -2.2, LBZ, Lake Benmore, 1.6 229 P, 15 02 20.1 -0.8, PNHZ, Pakenui, 3.18 41 P, 15 02 20.4 -1.8, VRV, Vera Road, 3.36 17 P, 15 02 26.1 +1.4, ODZ, Otahua Downs, 3.40 217 P, 15 02 23.7 -1.5, MOVZ, Mowango, 3.40 31 P, 15 02 27.9 +1.1, WNVZ, Wahianoa, 3.41 28 P, 15 02 26.1 +0.4, PXZ, Pawanui, 3.44 49 P, 15 02 22.2 +4.5, WHVZ, Whangape Hut, 3.45 28 P, 15 02 28.9 +2.7, BHHZ, Black Hill Sta, 3.46 35 P, 15 02 24.8 -1.3, FHWZ, Far West T-bar, 3.46 27 P, 15 02 26.8 +0.5, KRHZ, Kereru, 3.47 40 P, 15 02 27.3 +1.1, NGZ, Ngauruhoe, 3.55 27 P, 15 02 26.5 +1.5, OTVZ, Oturere, 3.58 28 P, 15 02 37.1 +1.5, NNVZ, North Ngauruhoe, 3.59 27 P, 15 02 28.4 +0.3, WTVZ, West Tongariro, 3.60 27 P, 15 02 34.2 -1.7, WTVZ, East Tongariro, 3.62 28 P, 15 02 37.9 +1.1, ETVZ, 3.64 27 P, 15 02 37.3 +0.8, KRVZ, Karewarewa, 3.64 27 P, 15 02 28.8 +0.1, TMVZ, Te Maari, 3.64 28 P, 15 02 31.3 +2.5, NTVZ, North Tongariro, 3.65 28 P, 15 02 40.2 +1.6, KATZ, Kakarama, 3.75 27 P, 15 02 38.9 -1.5, RATZ, Rangitukia, 3.75 27 P, 15 02 40.0 -1.1, BKZ, Black Stump Fm, 3.91 37 P, 15 02 34.5 +1.4, HIZ, Hauiti, 3.97 16 P, 15 02 48.1 +1.3, KUTZ, Kaahu Road, 4.25 25 P, 15 02 53.4 -2.5, OMRZ, Omnia, 4.78 28 P, 15 02 45.3 -0.1, TOZ, Tahuroa Road, 4.86 19 P, 15 02 45.3 -0.1, URZ, Urewera, 4.93 35 P, 15 02 51.8 -1.8, AWAZ, Awihitu Peninsula, 5.05 10 P, 15 02 53.2 +1.1, ETAZ, East Tamaki Re, 5.50 12 P, 15 02 55.1 +1.0, RVAZ, Riverhead Bore, 5.63 9 P, 15 02 56.6 +0.6, MBAZ, Motutapu North, 5.68 11 P, 15 02 57.9 +1.4

SOME 29 15:14:44.4, 4.1, 78N-80.80E, h10km, NNC 29 15:14:44.6, 2.1, 41.64N-80.73E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=14.9km s-min=12.4km az=20.0, ISC 29 15:14:46.1, 3.0, 41.7N, 0.1, 80.56E, 0.08, h10km, 12km, n13, c134/24, 5C-3D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SHLS, Shalkode, 1.67 331 eP, ISC, h m s ISC, 15 15 13.9 -1.6, SHLS, 34nm, 0.3s, 1.67 331 P, 15 15 35.5 -1.6, SHLS, 11nm, 0.2s, 1.67 331 S, 15 15 37.7 -1.4, KTM5, 34nm, 0.3s, 1.75 355 eP, 15 15 16.4 -0.3, KTM5, 2.9nm, 0.1s, 1.75 355 eS, 15 15 39.5 -1.0, KTM5, 6.5nm, 0.1s, 1.75 355 S, 15 15 18.6 -1.1, KTM5, 30nm, 0.3s, 1.81 334 P, 15 15 43.9 +1.5, PDGK, Podgornoye, 1.81 334 Pg, 15 15 19.8 -1.0, PDGK, 4.5nm, 0.5s, 1.81 334 Lg, 15 15 46.2, PDGK, Podgornoye, 1.81 334 Uj, 15 15 18.3 +0.7, PDGK, 3.8nm, 0.9s, 1.84 322 eP, 15 15 19.4 -0.6, UZB, Uzynbulak, 1.84 322 eS, 15 15 44.4 +1.2, UZB, 8.3nm, 0.6s, 1.84 322 P, 15 15 21.0 -0.4, UZB, Uzynbulak, 9.3nm, 0.3s, 1.84 322 Pg, 15 15 48.3, SATY, 25nm, 0.7s, 2.10 311 eP, 15 15 25.6 +1.3, SATY, 4.6nm, 0.3s, 2.10 311 eS, 15 15 55.0 +1.6, KPKS, 12nm, 0.5s, 2.24 322 eP, 15 15 26.3 -0.6, KPKS, 11nm, 0.0s, 2.24 322 eS, 15 15 56.3 +1.6, DJR, 15nm, 0.4s, 2.69 348 eP, 15 15 32.8 -1.6, DJR, 0.7nm, 0.0s, 2.69 348 eS, 15 16 07.5 0.0, MAZK, Makanchi, 5.21 11 P, 15 16 05.4 +1.3, MAZK, 1.4nm, 1.1s, 5.21 11 Uj, 15 17 06.1 +1.9, MAZK, 1.1nm, 1.0s, 5.21 11 Uj, 15 17 28.8, MK31, Makanchi Array, 5.24 13 P, 15 16 05.6 +1.0, MK31, 0.5nm, 0.7s, baz=194, slow=14, SNR=9.0, 5.24 13 Uj, 15 17 05.7 +0.6, MK31, 0.5nm, 0.6s, baz=191, slow=23, 5.24 13 Uj, 15 17 29.3, MK31, 0.3nm, 0.4s, baz=141, slow=29, SNR=3.7

Table with columns: CACAO, EI Cacao, Vera, 2.56 108 eP, Pn, 15 32 33.6 -0.1, CACAO, 2.56 108 eS, Sn, 15 33 04.0 -0.5, CACAO, EI Cacao, Vera, 2.56 108 eP, Sn, 15 32 32.9 -0.6, JTS, Las Juntas de, 2.67 323 Pn, Sn, 15 32 34.8 -0.3, JTS, 192nm, 0.3s, baz=241, slow=6, SNR=366, 2.67 323 Pn, Sn, 15 33 06.2 -1.1, JTS, 60nm, 0.3s, baz=48, slow=21, SNR=4.0, 2.67 323 eP, Pn, 15 32 34.4 -0.7, JTS, Las Juntas de, 2.67 323 Pn, Pn, 15 32 34.4 -0.7, JTS, Las Juntas de, 2.67 323 eP, Pn, 15 32 36.4 +0.2, ARE1, 2.68 329 P, Pn, 15 32 36.7 +1.3, CEDE, Laguna Cedeo, 2.69 330 I/P, Pn, 15 32 35.2 -0.9, INDI, Punta Indio, G, 2.75 308 eP, Pn, 15 32 37.3 +0.9, COVE, Coope Vega, Sa, 2.77 337 eP, Pn, 15 32 36.5 +0.1, DUANO, Dulce Nombre, 2.88 312 Pn, Pn, 15 32 37.3 -0.1, GRZA, Playa Gasa, 2.88 308 eP, Pn, 15 32 37.1 -0.9, PNME, Penonome, 2.98 83 eP, Pn, 15 32 40.5 +1.2, PNME, 2.98 83 eS, Sn, 15 33 15.9 +1.1, PNME, Penonome, 2.98 83 eP, Pn, 15 32 40.7 +1.5, GUAI, GUAI, 3.02 314 I/P, Pn, 15 32 39.6 -0.2, AZU, Azuero, 3.03 97 eS, Sn, 15 32 40.8 +0.8, AZU, Azuero, 3.03 97 eP, Pn, 15 32 40.5 +0.5, SAJU, San Juanillo, 3.04 309 eP, Pn, 15 32 39.7 -0.4, ORTEG, Ortega, Santa, 3.05 316 Pn, Pn, 15 32 40.6 +0.3, COLC, Culpipaca, 3.06 324 eP, Pn, 15 32 42.0 +1.2, GBRP, Paz Las Ings, 3.12 323 P, Pn, 15 32 41.9 +0.2, GPSZ, Hotel Rincon d, 3.27 322 I/P, Pn, 15 32 44.9 +1.5, LAPC, Finca La Perla, 3.33 321 I/P, Pn, 15 32 45.2 +1.0, BUEV, Buena Vista, 3.34 322 I/P, Pn, 15 32 45.8 +1.5, GBIA, Borinquen Arri, 3.35 322 I/P, Pn, 15 32 45.9 +1.4, GIBR, Paz Las Ings, 3.35 323 P, Pn, 15 34 07.1 +4.4, BUAI, Buenos Aires, 3.36 324 I/P, Pn, 15 32 45.8 +1.2, HZTE, Horizontes, Gu, 3.40 319 eP, Pn, 15 32 46.5 +1.5, HZTE, Horizontes, Gu, 3.40 319 eP, Pn, 15 32 46.4 +1.3, BCIP, Isla Barro Col, 3.58 73 eS, Sn, 15 32 48.9 +1.3, BCIP, Isla Barro Col, 3.58 73 eP, Sn, 15 33 30.2 +0.4, UPA, Univ. de Panam, 3.83 77 eP, Pn, 15 32 48.6 +1.0, ESPN, Las Esperanzas, 4.13 347 P, Pn, 15 32 56.3 -3.5, ARON, Acocoya, 4.21 334 P, Pn, 15 32 57.3 +1.0, UPDZ, Urdaz, 5.26 95 eP, Pn, 15 33 18.3 -0.2, PRVC, Isla de Provid, 5.53 30 Pn, Pn, 15 33 15.4 +1.0, PRVC, Isla de Provid, 5.53 30 eP, Pn, 15 33 13.5 -0.9, CRIN, San Cristobal, 5.82 321 P, Pn, 15 33 18.6 +0.1, DBBC, Dabeiba, 7.13 99 eP, Pn, 15 33 39.9 +2.6, CBCC, Ciudad Boliver, 7.60 107 eP, Pn, 15 33 48.6 +5.8, UPTC, Yotoco, Valle, 8.07 120 eP, Pn, 15 33 49.3 -0.2, SJCC, San Jacinto, C, 8.22 77 P, Pn, 15 33 53.1 +1.7, GUYZ, Guyana, Caidas, 8.42 110 eP, Pn, 15 33 58.7 +4.2, MTO3, Montecristo, 8.58 317 P, Pn, 15 33 58.4 +1.9, POPC, Popayan, Colom, 8.65 130 eP, Pn, 15 34 02.5 +5.0, TOLC, Tolima, 8.60 114 eP, Pn, 15 34 03.4 +5.1, MIBR, Paez Las Ings, 9.06 117 eP, Pn, 15 34 07.1 +4.4, ORTEG, Ortega, Tolima, 9.06 117 eP, Pn, 15 34 06.1 +3.1, CHIC, Chingaza, 10.15 110 eP, Pn, 15 34 20.0 +1.9, CRJC, Carrejon, Guaj, 10.68 74 eP, Pn, 15 34 26.0 +0.8, MTJD, Mount Denham, 11.48 29 Pn, Pn, 15 34 37.1 +1.0, URIC, Uribia, Colomb, 11.70 70 P, Pn, 15 34 40.4 +1.4, CMIG, Chimeronero, 14.36 309 Pn, Pn, 15 35 16.4 +1.0, SOR, Soroa, 14.56 11 Pn, Pn, 15 35 19.0 +0.8, HATO, Hato, Curacao, 14.69 73 Pn, Pn, 15 35 18.8 -1.1, SDDR, Presa de Saban, 15.88 46 Iamb, Iamb, 15 35 36.9 +1.1, SDDR, 1.8nm, 0.3s, baz=152, slow=8.2, SNR=12, 15 35 51.1, ATAH, Atahualpa, 15.96 162 Pn, P, 15 35 41.8 +1.1, DR12, La Pena Alta, 17.17 51 P, P, 15 35 52.1 -0.1, AGPR, Aguadilla, PR, 18.79 51 P, P, 15 36 10.5 -1.1, STVI, Saint Thomas, 20.53 59 P, P, 15 36 28.0 -2.5, MOIG, Morelia, 20.76 305 P, P, 15 36 32.6 -0.8, NNA, Nana, 21.02 162 P, P, 15 36 37.2 +1.3, SKI, Saint Kitts, 72.03 64 P, P, 15 36 45.4 -1.4, TOSP, Speyside, 22.67 80 P, P, 15 36 53.8 +0.2, SAML, Samuel, 26.29 130 P, P, 15 37 27.3 -0.4, LPAZ, La Paz, 28.56 48 P, P, 15 37 49.6 +0.8, LPAZ, 1.1nm, 0.8s, baz=348, slow=12, SNR=4.4, 15 50 23.4, PFO, Pinyon Flats O, 39.70 314 P, P, 15 50 25.8 +1.2, TPNV, Topopah Spring, 41.41 319 P, P, 15 50 38.1 -0.7, TPNV, 1.1nm, 0.8s, baz=134, slow=3.9, SNR=5.2, 15 50 42.4, PDAR, Pinedale Array, 41.48 331 P, P, 15 50 39.5 +0.2, PDAR, 0.2nm, 0.5s, baz=150, slow=6.3, SNR=2.9, 15 51 37.1 +0.1, PDAR, 0.2nm, 0.5s, baz=171, slow=3.9, SNR=9.9, 15 50 05.7, PDAR, 0.2nm, 0.5s, baz=156, slow=3.9, SNR=9.9, 15 50 05.7, H03N2, Juan Fernandez, 41.57 174 T, T, 16 24 14.8, H03N1, Juan Fernandez, 41.58 174 T, T, 16 24 22.1, H03N3, Juan Fernandez, 41.59 174 T, T, 16 24 20.1, ULM, Lac du Bonnet, 43.25 348 P, P, 15 50 51.5 -1.9, NV11, Mina Array Sit, 43.50 319 P, Iamb, Iamb, 15 50 54.2 -1.6, NV11, 2.5nm, 0.9s, 43.50 319 P, Iamb, Iamb, 15 50 57.9 +1.3, NVAR, Mina Array Bea, 43.59 319 P, P, 15 51 45.2 +1.1, NVAR, 2.6nm, 0.8s, baz=129, slow=7.1, SNR=20, 15 51 45.2 +1.1, NVAR, Mina Array Bea, 43.59 319 P, P, 15 50 56.8 +0.2, PLCA, Paso Flores, 50.05 167 P, P, 15 50 47.3 +0.5, PLCA, 0.2nm, 0.9s, baz=353, slow=8.1, SNR=4.3, 15 50 47.3 +0.5, PLCA, Paso Flores, 50.05 167 P, P, 15 50 47.2 +0.5, YKA, Yellowknife Ar, 58.33 44 P, P, 15 50 49.4 -0.8, INK, Inuvik, 68.51 342 P, P, 15 52 54.0 0.0, INK, Inuvik, 68.51 342 P, Iamb, Iamb, 15 52 54.0 0.0, INK, 2.9nm, 1.3s, 68.51 342 P, Iamb, Iamb, 15 52 58.8, ILAR, Eielson Array, 71.57 336 P, P, 15 54 13.2 +0.3, ESDD, Korea Array, 76.66 51 P, P, 15 54 43.1 -0.2, ESDD, 0.8nm, 0.7s, baz=284, slow=5.8, SNR=7.4, 15 50 05.9, TORD, Torodi Ar, Bea, 83.36 78 P, P, 15 54 19.4 -0.5, GERAS, Geres Array B, 85.52 41 LR, LR, 16 18 54.5, H1S1, WAKE ISLAND Hy06 06 292 T, T, 17 44 31.6, H1S2, WAKE ISLAND Hy06 06 292 T, T, 17 44 33.6, H1S3, WAKE ISLAND Hy06 06 292 T, T, 17 44 34.3, SONM, Songo Array, 123.60 352 PKP, PKP, 15 50 49.2 -0.8, KSRS, Songo Array, 126.04 329 PKP, PKP, 15 50 55.1 -0.1, ASAR, Alice Springs, 141.18 242 PKNKP, PKNKP, 15 51 16.5, WRA, Warramunga Ar, 141.73 248 PKNKP, PKNKP, 15 51 18.5, CMAR, Chiang Mai Ar, 153.75 355 PKPbc, PKPbc, 15 51 50.9 -0.6

WEL 29 15:01:31.8, 8.2, 41.23S-177.3E, h7km, 6km, M3.47, ML3.6/7, ML3.9/4.7, Error ellipse: s-maj=0.0km s-min=0.0km az=75.6, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, KHZ, Kahutara, 0.07 156 P, 15 01 35.7 +0.4, KHZ, 0.69 24 P, 15 01 35.7 +0.7, BSWZ, Blackbirch Sta, 0.69 24 S, 15 01 35.7 +0.4, BSWZ, 1.51 55.7 -0.3, GVVZ, Greta Valley S, 0.70 209 P, 15 01 47.0 +0.6, GVVZ, 15 01 59.7 +0.3, THZ, Tophouse, 0.73 323 P, 15 01 47.0 0.0, THZ, 15 01 57.2 -0.0, CMWZ, Cape Campbell, 0.80 42 S, 15 02 02.8 +1.5, CMWZ, 0.98 20 P, 15 02 03.2 +1.5, TUWZ, Tuamarina, 1.00 244 P, 15 02 04.7 +0.6, TUWZ, 1.51 57.2 -0.0, AMZC, Amberley, 1.03 217 P, 15 02 06.7 +0.6, AMZC, 0.98 20 S, 15 02 08.4 +0.9, NNZ, Nelson, 1.14 355 P, 15 01 53.6 0.0, TCW, Tory Channel, 1.28 27 P, 15 01 55.4 -0.7, BHW, Baring Head, 1.39 48 P, 15 01 56.4 -1.3, DSZ, Denniston Nort, 1.49 295 P, 15 01 59.0 +0.4, OKZC, Okains Bay, 1.41 193 P, 15 01 56.8 -1.2, WEL, Wellington, 1.43 42 P, 15 01 57.2 -0.9, OXZ, Oxford, 1.45 227 P, 15 01 57.4 -1.1, MQZ, McQueen's Vall, 1.49 204 P, 15 01 57.2 -1.8, PLWZ, Palliser, 1.52 60 P, 15 01 57.6 -1.9, INZ, Inchbonnie, 1.52 202 P, 15 02 00.9 +0.2, DUWZ, D'Urville Isla, 1.58 12 P, 15 02 00.3 0.0, AKCZ, Akarora Harbour, 1.58 196 P, 15 01 59.0 -1.2, MSHZ, Moikau Station, 1.61 55 P, 15 01 58.9 -1.7, GRWZ, Quartz Range, 1.69 334 P, 15 02 03.4 +0.2, RACZ, Rakai, 1.70 215 P, 15 02 00.8 -1.0, CAWZ, Cannon Point, 1.71 44 P, 15 02 00.7 -1.9, PAWZ, Parawai Farm, 1.73 57 P, 15 02 00.4 -2.0, KIWZ, Kapiti Island, 1.83 36 P, 15 02 03.0 -0.7, MHCZ, Mount Hutt, 1.84 30 P, 15 02 02.7 -1.2, TRWZ, Traveller, 1.89 61 P, 15 02 02.4 -2.1, MTWZ, Mount Morrison, 1.91 52 P, 15 02 02.8 -2.1, OGWZ, Otaki Gorge, 1.98 40 P, 15 02 04.6 -1.1, WACZ, Wakaniu South, 2.00 217 P, 15 02 05.0 -1.0, HOWZ, Holdsworth Sta, 2.10 47 P, 15 02 05.7 -1.6, WVWZ, Waitaha Valley, 2.16 249 P, 15 02 08.8 +0.6, TMWZ, Te Maipa, 2.19 56 P, 15 02 06.2 -2.3, RPZ, Rata Pass, 2.25 32 P, 15 02 08.7 -1.9, MRZ, Mangatoinaka R, 2.30 43 P, 15 02 08.4 -1.7, ARZC, Arundel, 2.33 226 P, 15 02 09.5 -1.1, GCSZ, Gaunt Creek Bo, 2.52 246 P, 15 02 14.8 +1.5, PRWZ, Poriri Road, 2.58 47 P, 15 02 19.0 +0.5, BFZ, Birch Farm, 2.65 52 P, 15 02 19.2 +0.5, TMZ, Timaru, 2.65 221 P, 15 02 15.0 0.0, WAZ, Wanganui, 2.83 24 P, 15 02 18.8 +1.4, ANWZ, Angora Road, 2.93 51 P, 15 02 15.5 -2.7, NMEZ, Namu Road, 2.95 6 P, 15 02 22.6 -2.0, F0Z, Fox Glacier, 2.95 245 P, 15 02 20.9 +1.8, LRZ, Lake Rotokare, 2.97 14 P, 15 02 23.1 -1.9, PREZ, Palmer Road, 3.05 10 P, 15 02 23.8 -2.6

IDC 29 15:31:50.6, 0.7, 8.31N-83.09W, h0km, mb4, 1/12, mb1 4.4/14, mb1mx4.2/41, mbtmp4.2/14, ML4.7/2, MS3.3/5, Ms1 3.3/5, ms1mx3.0/20, Error ellipse: s-maj=35.6km s-min=15.2km az=57.0

INET 29 15:31:51.1, 8.44N-83.51W, h12km, MW3.7, UCR 29 15:31:52.7, 1.5, 8.16N-83.35W, h9km, 4km, MW4.4, mb4.3(NEIC)

UPA 29 15:31:53.5, 1.4, 8.18N-83.26W, h10km, 5km, MW4.7, NEIC 29 15:31:54.6, 2.8, 8.23N-0.09W, 0.09, 8.31W, 0.06, h24km, 6km, mb4.3/10, Error ellipse: s-maj=12.7km s-min=7.8km az=106.0

ISC 29 15:31:52.3, 1.4, 8.15N-0.05-83.32W, 0.04, h13km, 8km, n129, c1915/135, mb4.2/14, MS3.3/5, 3D, Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PIRO, Carate, Puerto, 0.25 355 eP, 15 31 58.5 -0.3, PIRO, 0.25 355 eS, 15 32 03.0 0.0, PIRO, 0.25 355 eS, 15 31 58.4 -0.3, PIRO, 0.25 355 eS, 15 32 03.0 0.0, PTJ1, Puerto Jimnez, 0.38 2 eP, 15 32 00.7 -0.2, PTJ1, 0.38 2 eS, 15 32 07.3 +0.5, PTJ1, Puerto Jimnez, 0.38 2 eP, 15 32 06.8 -0.4, CDITO, Canoas, 0.60 46 eP, 15 32 13.9 -0.3, CDITO, 0.60 46 eS, 15 32 12.3 +0.1, CDITO, Canoas, 0.60 46 Pg, 15 32 03.8 -0.4, EDSV, San Vito, 0.74 27 eP, 15 32 06.8 0.0, EDSV, 0.82 350J eP, 15 32 18.6 -1.3, EDPN, Palmar Norte, 0.82 350J eS, 15 32 07.6 -0.6, EDPN, 0.82 350J eS, 15 32 19.5 +0.5, BAG3, Baguala, Chiriqui, 0.84 68 I/P, 15 32 08.3 -0.4, BAG3, 0.90 72 eP, 15 32 09.1 -0.7, DVO, 0.96 54 eP, 15 32 11.2 -0.7, DVO, 0.96 54 eS, 15 32 16.2 +0.1, PTR3, Potrerillos Ar, 0.97 56 eP, 15 32 10.3 -0.8, PTR3, 0.97 56 eS, 15 32 24.8 -0.7, EDDB, Buenos Aires, 1.00 2 eP, 15 32 11.0 -0.6, EDDB, 1.59 26 eP, 15 32 24.9 0.0, SRBA, San Rafael, Bu, 1.07 358 eP, 15 32 11.8 -1.0, SRBA, 1.47 87 eP, 15 32 17.8 -0.7, REM3, Remedios, Chir, 1.47 87 eS, 15 32 38.3 +0.2, RGMO, Gandoca, 1.59 26 eP, 15 32 21.5 -0.1, RGMO, 1.59 26 eS, 15 32 43.1 -0.5, RGMO, Gandoca, 1.59 26 eP, 15 32 21.4 -0.2, RGMO, Gandoca, 1.59 26 P, 15 32 21.3 -0.3, RIMA, Rio Macho, 1.69 341 eP, 15 32 21.4 -0.4, RIMA, Rio Macho, 1.69 341 Pn, 15 32 21.3 -0.4, LCR2, La Lucha 2, 1.72 337 eP, 15 32 21.9 -0.3, OCMR, Ochomogo, 1.84 340 eP, 15 32 24.0 +0.1, CVTR, Volcan Turrial, 1.91 347 eP, 15 32 25.2 +0.4, CVTR, Volcan Turrial, 1.91 347 eS, 15 32 25.3 +0.1, BATAN, Batan, 1.93 358J I/P, 15 32 50.2 -1.2, BATAN, 1.93 358 P, 15 32 25.8 +0.9, HDAC, Heredia, 2.00 337 eP, 15 32 26.8 +0.6, HDAC, Heredia, 2.00 337 eP, 15 32 26.8 +0.6, IACO, Garabito, 2.00 319 eP, 15 32 26.4 +0.3, JACO, JACO, Garabito, 2.00 319 P, 15 32 24.6 -1.3, RIFO, Rio Frio, Sara, 2.23 344 eP, 15 32 30.0 +1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB11, PSACG, PSAGC, PSBCX, etc.

ATH 29 18:12:45.4, 36:29N-27:64E, h98km, 5km, ML3.8/7, Error ellipse: s-maj=5.1km s-min=2.6km az=102.0

Main table for 1469 containing station data for ARG, ARK, DAT, NIC, etc. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

Main table for 2015 AUG containing station data for AKAS, CAEL, CAS, SMG, etc. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

Main table for 29d 18h containing station data for ASGA, CSS, MATH, etc. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

29d 18h

2015 AUG

1472

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like PLONS, EL6, ATFO, ZIRJ, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like ROTZ, Moca, Vranov, Grafenberg, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like STON, MOX, Tekeris, Berggiesshubel, etc.

Table with columns: ORIF, comp-Z, name, value, unit, and other identifiers. Includes entries like GRUZA, SIRRA, PDG, etc.

Table with columns: BEBN, name, value, unit, and other identifiers. Includes entries like Eben Emael, Saint Saulge, Givet, etc.

Table with columns: MNK, name, value, unit, and other identifiers. Includes entries like Kongsberg, Hagfors, Eskdalemuir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, WMQ Urumqi, SONM Songo Array, etc.

IDC 29 19:06:29.8-1.8, 0.71N-123.05E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.4/37, mbtmp3.6/4, Error ellipse: s-maj=263.3km s-min=26.6km az=62.0, Minahassa Peninsula, Sulawesi

NEIC 29 19:22:27.9-1.7, 16.65S:0.1x173.5W:0.1, h37km, 9km, mb4 6/17, Error ellipse: s-maj=19.3km s-min=12.8km az=202.0

IDC 29 19:22:34.1-0.7, 16.71S:173.58W, h93km, 5km, mb4 1/7, mb1 4.3/7, mb1mx3.8/23, mbtmp4.4/7, MS3.1/1, ms1mx2.7/25, Error ellipse: s-maj=30.7km s-min=15.4km az=142.0

ISC 29 19:22:30.7-0.6, 16.65S:0.1x173.6W:0.1, h66km, n89, o189/84, mb4.4/15, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIUE Niue, MSFV Nonsavu, MARNC Mare, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, TOO Toolangi, etc.

ATH 29 19:24:52.0, 40.38N-21.57E, h18km, 1km, ML2.6/7, Error ellipse: s-maj=1.8km s-min=0.8km az=290.0

SKO 29 19:24:52.1, 40.30N-21.59E, h12km, 1km, ML2.7/5, Error ellipse: s-maj=1.4km s-min=0.6km az=190.0

ISC 29 19:24:52.0, 0.9, 40.34N:0.02-21.56E:0.02, h17km, 9km, n37, o103/56, Greece

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

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

IDC 29 20:02:21.0-0.5, 10.765S:116.41E, h0km, mb4.7/27, mb1 4.8/29, mb1mx4.7/37, mbtmp4.7/29, ML4.8/2, MS3.8/20, Ms1 3.8/20, ms1mx3.6/36, Error ellipse: s-maj=17.5km s-min=12.6km az=61.0

Code Station Name Az Az' Phase ID Time Res. Includes stations like TWSI Taliwang, TWSI Taliwang, PLAI Plampang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SJJ Sawahan, GRJ Gresik, EDFI Ende, etc.

Table with columns: Station, Name, Time, Az, El, P, S, R, etc. Includes stations like CBJI, SKJI, DBJI, XMIS, PSAAO, SBJI, MPSI, GIRL, etc.

Table with columns: Station, Name, Time, Az, El, P, S, R, etc. Includes stations like BBOO, PBYO, PHET, CTAO, KHTA, HHT, QIZ, etc.

Table with columns: Station, Name, Time, Az, El, P, S, R, etc. Includes stations like BRDH, NJ2, CD2, SHL, DGAR, etc.

ISC 29 20:05:36.8 ± 1.1, 35.63N ± 0.03, 25.92E ± 0.02, h35km, 4km, n71, c093/99, Crete

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like NPS Neapolis, ZKR Zakros, FRMA lerapetra Chan, HRKL Heraklio, etc.

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, etc.

TAP 29 20:16:34.7, 25.02°N, 122.79°E, h178km, ML3.4, C JMA 29 20:16:36.0, 0.3, 24.97N, 122.73E, h165km, 3km, M3.2

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like YONG Yonagunijimaku, YOJ Yonaguni jima, YQJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like SMLT Sun Moon Lake, SSSL Suanglung, TYC Yucheng, etc.

IDC 29 20:25:12.4 ± 0.4, 38.49N ± 0.12, 05E, h0km, mb4.3/31, mb1.4/342, mb1mx4.2/57, mbtmp4.2/42, ML3.8/10, MS3.4/17, Ms1 3.4/17, ms1mx3.1/55, Error ellipse: s-maj=1.3km s-min=9.0km az=125.5°

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like ROM Roma, MOS Moscow, LDG Ldg, MED RC Med, etc.

ISC 29 20:25:13.5 ± 1.1, 38.50N ± 0.03, 12.11E ± 0.03, h8km, 7km, n547, c179/531, mb4.6/89, MS3.3/17, 29C-33D, Sicily

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like ERC Erice, USC Ustica, MFNL Monte Finestre, etc.

IDC 29 20:14:47.4 ± 3.4, 19.54N ± 1.47, 47E, h0km, mb3.6/8, mb1.3/79, mb1mx3.5/48, mbtmp3.6/9, ML2.9/1, Error ellipse: s-maj=132.3km s-min=21.9km az=81.0°

ISC 29 20:14:51.8 ± 3.0, 19.55N ± 0.2, 147.4E ± 0.8, h29km, n15, c0543/9, mb3.5/8, Mariana Islands region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like SMLT Sun Moon Lake, SSSL Suanglung, etc.

FRGS	Fruska Gora	8.79	38	||Pn	Pn	20 27 13.3 -7.6	WLF	Walferdange	11.95	341	dPnPn	Pn	20 28 14.2 +1.0	BNN	comp=Z,43nm,1.2s	IAMB	IAMB	20 29 38.9		
SSB	Saint Sauveur	8.82	323	P	Pn	20 27 20.7 -0.6	WLF	Walferdange	11.95	341	dx	Pn	20 28 38.6	PABE	Paberze	18.79	21	eP	Pn	20 29 34.4 +0.9
SSB	Saint Sauveur	8.82	323	P	Pn	20 27 20.7 -0.6	WLF	Walferdange	11.95	341	P	Pn	20 28 06.6 +2.4	PABE	Paberze	18.79	21	P	Pn	20 29 34.6 +1.1
WATA	Waldersalm	8.84	16	eP	Pn	20 27 25.7 +4.0	WLF	Walferdange	11.95	341	Pn	Pn	20 28 07.5 +2.5	NACGA	Naroch	19.19	26	P	Pn	20 29 41.2 +2.5
MOTA	Mosalm	8.87	356	i Pn	Pn	20 27 25.8 +3.6	WLF	Walferdange	11.95	341	eP	Pn	20 28 07.1 +1.6	IGN	Ignalina	19.35	25	eP	IAMB	20 30 02.4
MTLF	Montlieux	8.91	306	eP	Pn	20 27 21.8 -0.8	KRLC	Kraikley	12.04	15	ePn	AMS	20 28 07.1 +1.6	IDID	Idizalaks	19.50	24	eP	Pn	20 29 42.4 +0.3
MTLF	Montlieux	8.91	306	eP	Pn	20 27 21.8 -0.8	KRLC	Kraikley	12.04	15	ePn	AMS	20 28 07.1 +1.6	ISAL	Isalaks	19.50	26	eP	IAMB	20 29 42.5 +0.4
DAVA	Damuels	8.93	350	i Pn	Pn	20 27 27.0 +4.0	MFF	Saint Martin d	12.13	316	eP	Pn	20 28 07.2 +0.7	MMAI	Mount Meron Ar	19.66	99	P	Pn	20 29 44.7 +0.4
OG35	Corcelles	8.96	329	P	Pn	20 27 24.6 +1.3	MFF	MFF	12.13	316	eP	Pn	20 28 07.2 +0.7	EKA	Eskaiderov Ar	19.73	334	P	P	20 29 43.5 +0.1
RETA	Reutte	9.04	352	i P	Pn	20 27 27.9 +3.5	MOX	Moxa	12.15	358	ePn	EL	20 28 08.5 +1.6	GAZ	Gaziantep	19.85	86	P	Pn	20 29 42.8 -2.2
ARSA	Arzberg	9.10	15	i Pn	Pn	20 27 27.2 +1.2	MOX	Moxa	12.15	358	ePn	EL	20 28 08.5 +1.6	ANN	Anapa	19.90	63	eP	Pn	20 29 46.2 -0.7
CABF	La Chapelle	9.24	333	eP	Pn	20 27 28.3 +1.1	DPG	Dobruska-10s	12.22	13	eP	MLR	20 28 08.7 +0.8	ANN	Anapa	19.90	63	eS	Pn	20 33 32.7 +2.1
CABF	La Chapelle	9.24	333	eP	Pn	20 27 28.3 +1.1	DPG	Dobruska-10s	12.22	13	eP	MLR	20 28 08.7 +0.8	ANN	Anapa	19.90	63	eS	Pn	20 33 32.7 +2.1
RJOB	Jochberg	9.25	3	ePn	Pn	20 27 30.3 +3.1	DPG	Dobruska-10s	12.22	13	ePn	AMS	20 28 08.7 +0.8	ASR	Jabal al Asfar	21.15	100	P	P	20 30 01.4 +2.3
UOB	Ueberuhr	9.29	352	ePn	Pn	20 27 32.1 +4.3	DPG	Dobruska-10s	12.22	13	ePn	AMS	20 28 08.7 +0.8	LZRR	Lazarevskoye	21.17	661	eP	Pmax	20 30 00.8 +1.7
MOA	Moller	9.48	9	i Pn	Pn	20 27 32.9 +2.6	CRVS	Cervenica-Dubn	12.39	30	ePn	Pn	20 28 14.4 +4.2	LZRR	Lazarevskoye	21.17	661	eP	Pmax	20 30 00.8 +1.7
CONA	Conrad Observ	9.51	15	i Pn	Pn	20 27 37.2 +2.2	NIE	Niezdzica	12.40	26	eP	Pn	20 28 14.4 +4.2	SOC	Sochi	21.38	67	eP	P	20 30 01.4 0.0
CAF	Calviac	9.88	314	eP	Pn	20 27 35.4 -0.5	OSTC	Ostas	12.40	12	ePn	Pn	20 28 11.5 +1.2	SOC	Sochi	21.38	67	eP	P	20 30 01.4 0.0
CAF	Calviac	9.88	314	eP	Pn	20 27 35.4 -0.5	MLR	Muntele Rosu	12.43	51	||P	Pn	20 28 14.9 +4.1	SOC	Sochi	21.38	67	eP	P	20 30 01.4 0.0
EPF	Esparras	10.01	301	eP	Pn	20 27 39.2 +1.5	MLR	Muntele Rosu	12.43	51	||P	Pn	20 28 14.9 +4.1	SOC	Sochi	21.38	67	eP	P	20 30 01.4 0.0
EPF	Esparras	10.01	301	eP	Pn	20 27 39.2 +1.5	MLR	Muntele Rosu	12.43	51	||P	Pn	20 28 14.9 +4.1	SOC	Sochi	21.38	67	eP	P	20 30 01.4 0.0
BZS	Buzias	10.02	42	||P	Pn	20 27 39.9 +2.1	BRG	Berggiesshubel	12.44	5	eP	Pn	20 28 12.7 +1.9	SOC	Sochi	21.38	67	eP	P	20 30 01.4 0.0
HINF	Hinterthal	10.07	339	eP	Pn	20 27 40.2 +1.7	BRG	Berggiesshubel	12.44	5	eP	Pn	20 28 12.7 +1.9	SOC	Sochi	21.38	67	eP	P	20 30 01.4 0.0
HINF	Hinterthal	10.07	339	eP	Pn	20 27 40.2 +1.7	BRG	Berggiesshubel	12.44	5	eP	Pn	20 28 12.7 +1.9	SOC	Sochi	21.38	67	eP	P	20 30 01.4 0.0
SMF	Signal de Mont	10.17	326	eP	Pn	20 27 40.7 +0.9	ESBB	Sonsecq Array	12.55	280	Pn	Pn	20 28 12.7 +0.3	SOC	Sochi	21.38	67	eP	P	20 30 01.4 0.0
SMF	Signal de Mont	10.17	326	eP	Pn	20 27 40.7 +0.9	ESBB	Sonsecq Array	12.55	280	Pn	Pn	20 28 12.7 +0.3	SOC	Sochi	21.38	67	eP	P	20 30 01.4 0.0
BFO	Black Forest	10.20	346	P	Pn	20 27 41.9 +1.6	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
BFO	Black Forest	10.20	346	P	Pn	20 27 41.9 +1.6	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
BFO	Black Forest	10.20	346	P	Pn	20 27 41.9 +1.6	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
ECH	Echery	10.36	341	P	Pn	20 27 42.7 +2.4	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
CART	Cartagena	10.39	269	Pn	Pn	20 27 42.9 +0.2	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
HAU	Haudompre	10.39	338	eP	Pn	20 27 43.7 +0.9	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
HAU	Haudompre	10.39	338	eP	Pn	20 27 43.7 +0.9	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array	12.55	280	Pn	Pn	20 28 13.1 +0.6	HFS	Hagfors	21.68	2	P	P	20 30 05.0 +0.6
GERES	GERESS Array S	10.41	6	Pn	Pn	20 27 43.9 +0.8	ESDC	Sonsecq Array												

29d 20h

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KLMR, BELG, ARCES, DBIC, etc.

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Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like ILAR, IELSON, ECSD, etc.

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Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like TNSS, TNS5, IZV, etc.

ADC 29:20:26:16.8:0.8,40:12N:77:40E,h0km,mb3.9/21, mb1.4/12p,mb1mx3.9/63,mbtmp4.0/26,ML3.9/6,MS3.1/9, MS1.3/1.9,ms1mx2.9/51,Error ellipse: s-maj=15.8km s-min=12.6km az=4.0

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KSH, TARG, KDJ, etc.

29d 23h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Susitna One, Port Wells, Glory Hole Cre, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, Manakchi Array, ZALV Zalesovo Beam, etc.

MDD 29 21:34:05.2-0.7, 36.87N:5.17E, h0km, mb3.0/6, Error ellipse: s-maj=14.7km s-min=6.0km az=46.0, PRXIMO LDG 29 21:34:09.0-0.2, 36.84N:5.20E, h10km, M12.47, Error ellipse: s-maj=3.7km s-min=2.8km az=17.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DFBFA Djebel Bou Aff, EIBI Ibiz, EMUR La Murta, etc.

ISC 29 22:02:58.9-3.2, 18.46S:177.95W, h590km, 21km, mb2.6/5, mb1.3/0.6, mb1mx2.8/2.2, mbtmp3.6/6, Error ellipse: s-maj=96.7km s-min=22.8km az=150.0

ISC 29 22:02:59.7-1.5, 18.25S:0.5x178.1W:0.2, h600km, n8, e0411/10, mb3.1/5, Fiji Islands region

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

ISC 29 22:13:30.2-5.6, 9.93S:117.86E, h175km, 51km, mb3.2/5, mb1.3/1.6, mb1mx3.0/2.2, mbtmp3.6/6, Error ellipse:

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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, USRK Usuriysk Arr, etc.

ISC 29 22:36:32.9-8.6, 54.18N:161.99W, h0km, mb3.7/2, mb1.3/0.6, mb1mx3.3/4.8, mbtmp3.5/4, ML3.2/2, MS2.8/2, M1.2.8/2, ms1mx2.5/3.4, Error ellipse: s-maj=189.1km s-min=26.5km az=152.0

NEIC 29 22:36:34.8-1.5, 53.87N:0.09E:161.50W:0.07, h32km, 14km, Error ellipse: s-maj=14.3km s-min=4.1km az=163.0

AEIC 29 22:36:35.2-1.5, 53.86N:0.07E:161.54W:0.09, h20km, 7km, ML3.4, ML3.3/8(NEIC), Error ellipse: s-maj=11.3km

ISC 29 22:36:33.5-1.2, 53.93N:0.11E:161.48W:0.07, h27km, n92, e1807/89, South of Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DT1 Dutton Round H, CNBA Chernabura Isl, HAG Hagia Volcano, etc.

TAP 29 23:21:28.8, 24.48N:122.40E, h11km, 1km, ML2.7, D JMA 29 23:21:29.5, 24.46N:122.43E, h22km, 2km, M2.0

ISC 29 23:21:29.1-0.9, 24.48N:0.102E:122.42E:0.102, h16km, 8km, n48, e045/86, Taiwan region

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YJNG Yonagunijimaku, TWC baz=284, YOJ Yonaguni jima, etc.

ISC 29 23:22:02.1-6.7, 32.103S:179.82E, h372km, 76km, mb3.2/3, mb1.3/4.4, mb1mx3.1/3.2, mbtmp4.0/4, Error ellipse:

30d 1h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Bering, Seymchan, Kamikawa-asahi, etc.

2015 AUG

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like INK Inuvik, DGZ Jazator, MK31 Makanchi Arr, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

30d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NMR, NEM2, JKB, USRK, etc.

IDC 30 04:05:18.2,2.3,67.67N:34.12E, h0km, mb1 3.5/5, mb1mx3.1/44, mbtmp3.5/5, ML2.5/5, Error ellipse: s-maj=25.8km s-min=10.6km az=88.0

NAO 30 04:05:19.5,1.2,67.70N:33.68E, ML2.8 HEL 30 04:05:19.3,0.1,67.68N:33.68E, h0km, ML2.1, Explosion ISC 30 04:05:17.1,0.9,67.55N:0.04,-33.87E,0.04, h0km, n3, +1863/60, Baltic Sea-Belarus-Northwest Russia

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like APZ9, ARAO, ARCS, etc.

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

IDC 30 04:17:15.4,37.37N:44.14E, h28km, ML3.5/8 DDA 30 04:17:15.9,37.64N:43.92E, h7km, 1km, MW3.5

ISC 30 04:17:16.2,1.4,37.58N:44.01E, h0km, 774km, ML3.4

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUC3, NEIC, VAO, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BO03, BO01, BO02, etc.

IDC 30 04:45:58.1,3.6,6.66E:127.46E, h436km, 44km, mb3.1/3, mb1 3.2/5, mb1mx2.8/37, mbtmp3.9/5, Error ellipse: s-maj=102.4km s-min=14.0km az=66.0, Banda Sea

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

30d 5h

Table with columns for station name, frequency, power, and various performance metrics. Includes stations like BJI, ERM, JEM, TEY, TIY, ASAJ, JKA, ENH, XAN, YUK, HHC, YSS, BTO, GUM, HIA, GYA, QIZ, GRN, CD2, LZH, and FAKI.

2015 AUG

Table with columns for station name, frequency, power, and various performance metrics. Includes stations like LZH, ZEA, KMI, SONM, NONG, ZAK, CHAI, IRK, UTTA, PHIT, BOD, SIJI, SRAK, CMMT, CHM, CHTO, CMAR, PEAOB, PETK, MOY, PET, UTHA, UMPA, YAK, and FAKI.

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Table with columns for station name, frequency, power, and various performance metrics. Includes stations like MA2, PHET, JAY, LSA, SHL, SUR, SKLT, SURT, SEY, WMQ, JRM, PKDT, KUL, SAUI, DGZ, RAM, JIRN, GUN, ZSN, PKI, PKIN, KKN, DMN, LHMI, GKN, PSI, RPSI, TWSI, DANN, ZAAO, ZALV, ZALV, MK31, MKAR, TPTI, MAKZ, MSJI, PYUN, PPI, GSI, KPJI, MTN, PDG, SHLS, SHLS, UZB, KPJS, PRZ, PRZ, and TARG.

WVOR	Wild Horse Val	84.22	44	P	P	05 43 26.0	+0.7
PERS	Pernice	84.22	321	iP	P	05 43 24.4	-0.6
SOKA	Sotho	84.24	321	P	P	05 43 24.5	-0.7
comp=Z,23nm,1.2s,SNR=21							
GRA1	Grabenberg Arr	84.32	325	P	P	05 43 24.9	-0.6
GRF	Grabenberg Arr	84.32	325	P	P	05 43 24.9	-0.6
comp=Z,49nm,1.2s							
GRF	Grabenberg Arr	84.32	325	eP	P	05 43 25.2	-0.3
comp=Z,49nm,1.2s,baz=49,slow=5.0							
GRF	Grabenberg Arr	84.32	325	eP	P	05 43 25.2	-0.3
baz=48,slow=5.2							
GRFO	Grabenberg	84.32	325	P	P	05 43 25.2	-0.3
comp=Z,368nm,21.5s							
GRFO	Grabenberg	84.32	325	P	P	05 43 25.2	-0.3
comp=Z,32nm,1.0s							
GRFO	Grabenberg	84.32	325	P	P	05 43 25.2	-0.3
PDG	Podgorica	84.34	316	P	P	05 43 25.1	+0.4
AGG	Agios Georgios	84.34	312	P	P	05 43 25.3	-0.6
AGG	Agios Georgios	84.34	312	P	P	05 43 25.2	-0.6
comp=Z,14nm,1.0s							
AGG	Agios Georgios	84.35	312	P	I	05 43 25.2	-0.6
comp=Z,14nm,1.0s							
OBKA	Obir	84.61	321	eP	P	05 43 26.0	-1.1
comp=Z,12nm,1.0s,SNR=10.0							
PKDS	Podkum	84.64	321	iP	P	05 43 26.4	-0.8
KASTN	Kahler Asten	84.68	328	eP	P	05 43 26.6	-0.6
comp=Z,12nm,0.9s,baz=49,slow=5.0							
KASTN	Kahler Asten	84.68	328	eP	P	05 43 26.1	-1.9
baz=48,slow=5.2							
AFDM	Forest Hills D	84.73	48	P	P	05 43 28.7	+0.9
RJOB	Jochberg	84.77	323	eP	P	05 43 27.6	-0.3
comp=Z,65nm,1.0s,baz=49,slow=5.0							
VISS	Visnje	84.88	321	iP	P	05 43 27.5	-0.9
KBA	Koelnbreinspre	84.90	322	eP	P	05 43 27.5	-1.2
comp=Z,6.2nm,0.8s,SNR=13							
LJUJ	Ljubljana	84.91	321	iP	P	05 43 27.6	-0.9
MYKA	Terra Mystica	85.02	322	eP	P	05 43 28.1	-1.0
comp=Z,6.4nm,0.6s,SNR=7.8							
BUG	Bochum-Univers	85.05	328	eP	P	05 43 27.9	-1.1
comp=Z,14nm,1.1s,baz=49,slow=5.0							
BUG	Bochum-Univers	85.05	328	eP	P	05 43 27.9	-1.1
baz=48,slow=5.2							
FUR	Furstenfeldbru	85.28	324	eP	P	05 43 29.8	-0.6
comp=Z,34nm,1.4s,baz=49,slow=5.0							
MFID	Camas Ranch	85.31	42	P	I	05 43 31.5	+0.8
MFID	Camas Ranch	85.31	42	P	I	05 43 31.5	+0.8
comp=Z,9.4nm,0.9s							
PAHR	Pah Rah Range	85.32	47	P	I	05 43 31.4	+0.5
PAHR	Pah Rah Range	85.32	47	P	I	05 43 31.4	+0.5
comp=Z,14nm,1.0s							
TNS	Tanus Mts	85.32	327	eP	P	05 43 30.0	-0.6
comp=Z,14nm,0.8s,baz=49,slow=5.0							
TNS	Tanus Mts	85.32	327	eP	P	05 43 30.0	-0.6
baz=48,slow=5.2							
HRY	Holter Researc	85.50	38	P	P	05 43 32.7	+1.1
PNTR	Pine Nut	85.54	47	P	P	05 43 33.1	+1.0
PNTR	Pine Nut	85.54	47	P	I	05 43 34.1	
comp=Z,13nm,0.9s							
ABTA	Abtaltersbach	85.55	322	eP	P	05 43 29.7	-2.1
comp=Z,9.3nm,0.9s,SNR=13							
CMB	Columbia Colle	85.63	48	P	P	05 43 31.5	-0.9
CMB	Columbia Colle	85.63	48	P	P	05 43 31.5	-0.9
comp=Z,8.0nm,0.9s							
CMB	Columbia Colle	85.63	48	P	I	05 43 31.5	-0.9
CMB	Columbia Colle	85.63	48	P	I	05 43 33.8	
comp=Z,8.0nm,0.9s							
ITM	Ithomi	85.64	311	P	P	05 43 30.6	-1.8
WATA	Walderalm	85.66	323	eP	P	05 43 32.9	+0.5
comp=Z,3.3nm,0.7s							
WTTA	Wattenberg	85.68	323	eP	P	05 43 30.8	-1.8
comp=Z,4.0nm,0.8s							
FRB	Frobisher Bay	85.69	8	P	P	05 43 31.9	-0.1
comp=Z,15nm,0.8s,baz=34,slow=3.8,SNR=6.5							
LRM	Limekiln Ridge	85.72	39	P	P	05 43 33.2	+0.2
EGMT	Eagleton	85.73	36	P	P	05 43 32.5	-0.2
EGMT	Eagleton	85.73	36	P	I	05 43 38.1	
comp=Z,15nm,0.8s							
EGMT	Eagleton	85.73	36	P	P	05 43 32.9	+0.2
baz=31.1							
AHRW	Bad Neuenahr-A	85.75	328	eP	P	05 43 31.8	-0.8
comp=Z,20nm,1.1s,baz=49,slow=5.0							
AHRW	Bad Neuenahr-A	85.75	328	eP	P	05 43 31.8	-0.8
baz=48,slow=5.2							
MOTA	Moosalm	85.90	324	iP	P	05 43 31.9	-1.7
comp=Z,2.6nm,0.7s							
STU	Stuttgart	85.93	325	P	P	05 43 32.6	-1.0
STU	Stuttgart	85.93	325	P	P	05 43 32.6	-1.0
comp=Z,14nm,1.0s							
STU	Stuttgart	85.93	325	P	I	05 43 38.0	
comp=Z,14nm,1.0s							
STU	Stuttgart	85.93	325	eP	P	05 43 32.5	-1.0
comp=Z,14nm,1.0s,baz=49,slow=5.0							
STU	Stuttgart	85.93	325	eP	P	05 43 32.5	-1.0
baz=48,slow=5.2							
SQTA	Sankt Quirin	85.93	323	eP	P	05 43 32.4	-1.3
comp=Z,3.3nm,0.6s							
DLMT	Dillon	85.94	39	P	P	05 43 34.5	+0.6
DLMT	Dillon	85.94	39	P	I	05 43 39.8	
comp=Z,15nm,0.8s							
HLID	Hailey	86.03	41	P	I	05 43 36.0	+1.6
HLID	Hailey	86.03	41	P	I	05 43 41.4	
comp=Z,12nm,1.0s							
HLID	Hailey	86.03	41	P	P	05 43 35.6	+1.2
baz=30.8							
BTLN	Terneil	86.18	328	eP	P	05 43 33.4	-1.2
MEM	Membach	86.20	328	eP	P	05 43 33.8	-1.0
comp=Z,7.4nm,0.9s							
MEM	Battle Mountai	86.25	45	P	P	05 43 36.4	+0.9
BMN	Battle Mountai	86.25	45	P	P	05 43 36.4	+0.9
comp=Z,10.0nm,1.1s							
BMN	Battle Mountai	86.25	45	P	I	05 43 36.4	+0.9
BMN	Battle Mountai	86.25	45	P	I	05 43 51.8	
comp=Z,10nm,1.1s							
FETA	Feichten	86.31	323	iP	P	05 43 34.3	-1.4
BOZ	Bozeman (W)	86.31	38	P	P	05 43 36.2	+0.5
BOZ	Bozeman (W)	86.31	38	P	P	05 43 36.2	+0.5
comp=Z,6.0nm,0.9s							
BOZ	Bozeman (W)	86.31	38	P	P	05 43 36.4	+0.6
baz=31.0							
RYN	Ryan	86.49	47	P	P	05 43 37.1	+0.4
RYN	Ryan	86.49	47	P	I	05 43 38.7	
comp=Z,8.8nm,0.9s							
KVN	Kaiserville	86.51	47	P	P	05 43 37.7	+0.9
KVN	Kaiserville	86.51	47	P	I	05 43 37.7	+0.9
comp=Z,12nm,1.0s							
KVN	Kaiserville	86.51	47	P	I	05 43 37.7	+0.9
comp=Z,12nm,1.0s							
DAVA	Damuels	86.57	324	eP	P	05 43 35.7	-1.2
comp=Z,3.3nm,0.7s							
BCLA	Black Forest	86.65	328	eP	P	05 43 36.0	-1.0
BCLA	Black Forest	86.65	328	eP	P	05 43 36.0	-1.0
comp=Z,4.0nm,1.1s							
BFO	Black Forest	86.65	326	P	P	05 43 36.1	-1.1
BFO	Black Forest	86.65	326	P	I	05 43 43.4	
comp=Z,9.0nm,1.1s							
BFO	Black Forest	86.65	326	P	P	05 43 36.1	-1.1
comp=Z,9.0nm,1.1s							
BFO	Black Forest	86.65	326	eP	P	05 43 35.8	-1.4
comp=Z,9.2nm,1.1s,baz=49,slow=5.0							
NVAR	Mina Array Bea	86.74	47	P	P	05 43 39.2	+1.1
comp=Z,2.7nm,0.7s,baz=282,slow=5.6,SNR=21							
NVAR	Mina Array Bea	86.74	47	P	LR	06 14 02.6	
comp=Z,60nm,21.8s,baz=276,slow=30							
NVAR	Mina Array Bea	86.74	47	P	P	05 43 38.8	+0.7
BGES	Gesves	86.77	328	eP	P	05 43 40.2	+0.3
WLF	Walferdange	86.78	327	eP	P	05 43 37.2	-0.5
WLF	Walferdange	86.78	327	eP	P	05 43 39.6	-0.3
WLF	Walferdange	86.78	327	eP	P	05 43 37.2	-0.5
comp=Z,27nm,1.2s,baz=49,slow=5.0							
WLF	Walferdange	86.78	327	eP	P	05 43 49.6	-1.9
baz=48,slow=5.2							
NV11	Mina Array Sit	86.84	47	P	P	05 43 38.9	+0.5
TEOL	Teolo	86.89	327	P	P	05 43 37.5	-0.8
QLMT	Earthquake Lak	86.91	39	P	P	05 43 39.9	+1.2
BMRD	Maredsous	86.98	329	eP	P	05 43 37.6	-1.0
SNF	Senefte	87.05	329	eP	P	05 43 37.5	-1.4
YHB	Horse Butte	87.09	39	P	P	05 43 41.2	+1.6

YHB	comp=Z,13nm,0.9s	I	Amb	I	Amb	05 43 46.0	
DOU	Dourbes	87.20	328	dP	P	05 43 41.4	-0.4
DOU	Dourbes	87.20	328	dP	P	05 43 54.6	+1.1
GCMT	Greycliff	87.24	37	P	P	05 43 41.1	-1.0
YHH	Holmes Hill	87.25	39	P	P	05 43 41.8	+1.1
ELK	Elko	87.27	44	P	P	05 43 41.8	+1.1
comp=Z,1.1nm,0.6s,baz=296,slow=4.3,SNR=6.0							
ELK	Elko	87.27	44	P	P	05 43 41.7	+1.1
ELK	Elko	87.27	44	P	P	05 43 41.7	+1.1
comp=Z,4.0nm,1.1s							
ELK	Elko	87.27	44	P	P	05 43 41.7	+1.1
TPH	Topnah	87.64	47	P	P	05 43 42.5	+0.2
HTA	Grant Village	87.66	39	P	P	05 43 43.3	+0.9
H17A	Grant Village	87.66	39	P	I	05 43 50.8	
comp=Z,17nm,1.1s							
H17A	Grant Village	87.66	39	P	P	05 43 45.4	+3.0
comp=Z,10nm,1.0s							
NRCA	Norcia	87.70	319	P	P	05 43 42.0	-0.4
NRCA	Norcia	87.70	319	P	I	05 43 47.2	
comp=Z,10nm,1.0s							
MURB	Indian Meadow	87.78	320	P	P	05 43 41.9	-0.8
IMW	Indian Meadow	87.78	320	P	P	05 43 44.3	+1.3
IMW	Indian Meadow	87.78	320	P	I	05 43 50.2	
comp=Z,13nm,1.1s							
FLWY	Flagg Ranch	87.79	39	P	P	05 43 44.4	+1.4
FLWY	Flagg Ranch	87.79	39	P	P	05 43 42.9	+1.7
RLMT	Red Lodge	87.89	38	P	P	05 43 43.6	+0.1
RLMT	Red Lodge	87.89	38	P	I	05 43 50.6	
comp=Z,6.4nm,0.8s							
RLMT	Red Lodge	87.89	38	P	P	05 43 44.5	+1.1
baz=31.1							
ZCCA	Zocca	87.92	321	P	P	05 43 43.7	+0.4
HVU	Hansel Valley	88.09	42	P	P	05 43 44.7	+0.3
HVU	Hansel Valley	88.09	42	P	P	05 43 44.7	+0.3
comp=Z,7.0nm,1.0s							
HVU	Hansel Valley	88.09	42	P	I	05 44 01.9	
comp=Z,6.8nm,1.0s							
LOHW	Long Hollow	88.15	39	P	P	05 43 45.5	+0.8
DGMT	Dagmar	88.15	33	P	P	05 43 45.4	+1.0
DGMT	Dagmar	88.15	33	P	P	05 43 45.4	+1.0
comp=Z,14nm,0.9s							
LAO	LASA Array	88.41	35	P	P	05 43 46.6	+0.9
LAO	LASA Array	88.41	35	P	P	05 43 47.1	+1.5
baz=31.4							
CEL	Celeste	88.89	314	P	P	05 43 47.6	-0.5
HWUT	Hardware Ranch	88.90	41	P	I	05 43 49.9	+0.8
HWUT	Hardware Ranch	88.90	41	P	I	05 44 04.9	
comp=Z,13nm,1.1s							
DUG	Dugway, Tooele	89.06	43	P	P	05 43 50.4	+1.4
BW06	Boulder Array	89.28	40	P	P	05 43 50.7	+0.6
BW06	Boulder Array	89.28	40	P	P	05 43 50.5	+0.4
comp=Z,14nm,0.9s							
PD31	Pinedale Array	89.28	40	P	P	05 43 50.7	+0.7
PDAR	Pinedale Array	89.28	40	P	P	05 43 50.8	+0.7
comp=Z,35.7nm,0.8s,baz=354,slow=2.7,SNR=26							
PDAR	Pinedale Array	89.28	40	P	P	05 43 50.2	+0.2
JLU	Jordanelle	89.61	42	P	P	05 43 52.2	+0.6
JLU	Jordanelle	89.61	42	P	I	05 44 21.2	
comp=Z,12nm,1.4s							
PPT	Papeete	90.22	110	LR	LR	06 16 42.1	
comp=Z,58nm,21.8s,baz=320,slow=30							
PPT2	Papeete2	90.20	110	eLR	LR	06 12 41.5	
comp=Z,2.2nm,23.8s							
PMOR	Pomarioree	90.30	107	eT	T	07 23 20.0</	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like W39A Magazine, Z38A Mt. Pleasant, WHTX Lake Whitney, etc.

FUNV 30 06:17:45.9, 10:69N:61.72W, h53km, MW3.2
TRN 30 06:17:48.0, 10:90N:61.72W, h16km, MD3.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRN Trinidad (W), TRN Trinidad (W), TRN Trinidad (W), etc.

TUL 30 06:29:45.6, 0.36:94N:0.01:97.68W:0.02, h6km, 5km,
ML2.7, mb, Lq2.536(NEIC), Error ellipse: s-maj=2.0km
s-min=1.7km az=21.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAN17 Caldwell West, GCO02 Grant County #, KAN13 South Haven SW, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like X37A, S39A Bolivar, W39A Magazine, etc.

NNC 30 06:39:38.7, 0.5, 45.72N:81.52E, h0km, mb3.6, mpv3.5,
Error ellipse: s-maj=7.9km s-min=1.8km az=124.0
SOME 30 06:39:39.0, 45.65N:81.45E, h0km
ISC 30 06:39:36.1, 3.45:67N:0.04:81.59E:0.04, h0km, 13km,
n46, i:134/68, 7C-4D, Kazakhstan-Xinjiang border
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAK2 Makanchi, MAK3 Makanchi, MK31 Makanchi Array, etc.

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

MAN 30 06:43:40.1, 14:85N:122.59E, h17km, mb4.3, ML2.2,
MS2.9, Luzon

IDC 30 07:04:37.9:1.1, 1:81N:127.33E, h0km, mb4.3/5,
mb1 4.5/6, mb1mx3.9/33, mbtmp4.3/6, ML4.2/1, MS2.8/1,
Ms1 2.8/1, ms1mx2.3/30, Error ellipse: s-maj=51.3km
s-min=18.4km az=69.0
NEIC 30 07:04:52.5:0.7, 1:4N:0.1:126.7E:0.1, h119km, 7km,
mb4.3/15, Error ellipse: s-maj=2.1km s-min=12.6km
az=61.0

ISC 30 07:04:49.8:0.8, 1:56N:0:09:126.7E:0.1, h100km, n28,
i:136/28, mb4.4/11, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TINTI Ternate, FAKI Fak Fak, KAPI Kappag, etc.

TRN 30 07:42:46.6, 13:71N:58.32W, h111km, MD3.9
ISC 30 07:42:44.1:2.7, 13:75N:0:05:58.2W:0.1, h10km, n23,
i:251/31, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BBGH Gun Hill, MCLT Moule a Chique, MPOH Morne Pointe Mar, etc.

Table with 5 columns: ANBD, Bethesda, Anti, 4.75 314 eS, Sn, 07 44 48.9 -2.1

POPC Popayan, Colom 5.54 220 eP Pn 08 12 18.4 -0.8

GAR comp=Z,8.0nm,0.8s IAMB IAMB 08 27 21.2

IDC 30 08:07:34.4:16.0,15:20S,173:82W,h159km,74km, mb3.3/3,mb1.3/6,4,mb11.1,Error ellipse: s-maj=402.0k

Table with 5 columns: Code, Station Name, Az, Phase ID, Time, Res

IDC 30 08:16:08.6:2.9,6:92S,129:69E,h89km,27km,mb3.9/14, m1.4/1.6,mb1mx4.0/33,mbtmp4.3/16,MS2.9/1,

NEIC 30 08:16:12.9:1.6,6:80S,0:06:129:94E,0:04,h128km,5km, mb4.5/28,Error ellipse: s-maj=9.2km s-min=5.4km

DJA 30 08:16:12.9:0.2,7:52S,2:13:0E,h136km,5km,M4.8/20, mb4.6/20,mb5.3/9,MLV5.0/11,Mw(MB)4.7/9

ISC 30 08:16:20.0:3.6,6:87S,0:04:129:91E,0:06,h104km,n98, s159/91,mb4.4/29,Banda Sea

Table with 5 columns: Code, Station Name, Az, Phase ID, Time, Res

CHGR Chuyangarr 72.19 314 P IAMB 08 27 24.3 +0.1

KURBB Kurchatov Arr 72.36 329 P P 08 27 24.3 -0.4

MAW Mawson 75.03 201 P P 08 27 40.3 +0.2

MAW Mawson 75.03 201 P P 08 27 40.7 +0.6

VOI Vohtsoka 81.11 249 P IAMB 08 28 38.9

ABKAR Akbulak array 82.36 322 P P 08 28 19.7 -0.8

QSPA South Pole Locs 83.10 180 P IAMB 08 28 23.9 -0.4

SVWZ Sparrevohn 88.57 28 P P 08 28 49.6 -1.5

TORD Torodi Arr 128.20 281 PKP PKPdf 08 35 05.7 -0.6

CPUP Villa Florida 146.25 168 PKP PKPdf 08 35 18.0 +0.7

LPAZ La Paz 150.87 242 PKP PKPbc 08 35 52.6 +0.2

RSNC 30 08:10:58.5:0.8,6:82N,73:11W,h147km,3km,ML3.1, Mw3.5,1C-5D,Fault plane solution: NP1:phi88.000000,

855.00000,lambda-142.00000, Northern Colombia

BARC Barichara 0.23 198 iP Pn 08 11 18.5 -0.3

BRRC Barranca, Sants 0.66 296j iP Pn 08 11 20.4 -0.1

RUSC La Rusia 0.92 178j iP Pn 08 11 22.5 -0.4

TAMC Tame, Arauca 1.36 106j iP Pn 08 11 27.0 +0.5

OCAC Ocana 1.43 352j iP Pn 08 11 26.6 -0.7

SPBC San Pablo de B 1.50 220 eP Pn 08 11 27.4 -0.6

ZARC Zaragoza, Caus 1.86 291 eP Pn 08 11 31.2 -0.6

NORC Norcasia 2.15 235 eP Pn 08 11 34.6 -0.6

SMLC San Martin de 2.19 334 eP Pn 08 11 34.7 -1.0

CHIC Chingaza 2.26 196 eP Pn 08 11 36.7 -0.3

ROSC El Rosal 2.30 212 eP Pn 08 11 38.5 +1.0

HELX Santa Helena 2.48 256 eP Pn 08 11 39.1 -0.5

UREC San Jos de Ur 2.58 291 eP Pn 08 11 38.3 -2.1

LL2C La Loma 2 Cana 2.74 353 eP Pn 08 11 42.2 -0.3

GU2C Guayana, Caldas 2.74 235 eP Pn 08 11 42.7 -0.3

LL1C La Loma 1 Cana 2.74 351 eP Pn 08 11 43.8 +1.2

VILL Villavicencio, 2.75 192 eP Pn 08 11 42.3 -0.5

PTGC Puerto Gaitan, 2.78 159j iP Pn 08 11 41.7 -1.3

CBOC Ciudad Bolivar 3.04 252 eP Pn 08 11 46.2 -0.2

DBBC Dabeiba 3.08 274 eP Pn 08 11 46.2 -0.7

TOLC Tolima 3.12 225 eP Pn 08 11 47.2 -0.5

SDV Santo Domingo 3.20 50 eP Pn 08 11 48.2 -0.3

ARGC Ariguani, Magd 3.22 340 eP Pn 08 11 48.5 -0.2

PRAC Prado 3.55 210 eP Pn 08 11 51.9 -1.0

ORTC Ortega, Tolima 3.59 216 eP Pn 08 11 52.8 -0.6

ELOW Elorza 3.61 87 eP Pn 08 11 52.7 -0.9

SJCC San Jacinto, C 3.68 326 eP Pn 08 12 03.3 -2.8

SAUI Saumlaki 1.76 129 Op Pn 08 16 45.2 +5.3

SAUI Saumlaki 1.76 129 P Pn 08 16 45.4 +5.5

BNDI Bandanaira 2.33 360 P Pn 08 17 10.1 +5.5

MSAI Masohi 3.64 344 P Pn 08 17 14.0 +6.7

KRAI Karang Ratu 3.84 337 P Pn 08 17 19.2 +2.1

FAKI Fak Fak 4.57 31 Pn 08 17 18.4 +1.7

MTN Mantak Dam 6.05 169 Pn 08 17 39.2 +1.9

SOEI Soe 6.28 242 Pn 08 17 44.5 +4.1

SOEI Soe 6.28 242 Pn 08 17 44.4 +4.0

RKPI Ransiki, Papua 6.82 39 P Pn 08 17 49.8 +2.2

BATI Baunata 7.01 241 P Pn 08 17 53.6 +3.3

EDFI Ende, Flores 8.36 257 P Pn 08 18 11.8 +3.1

BAKI Biak 8.37 48 P Pn 08 18 11.6 +2.9

KNRA Kunurra 8.82 187 Pn 08 18 15.3 +0.4

GTOI Gorontalo 10.15 317 P Pn 08 18 40.7 +7.7

KAPI Kappang 10.27 280 LR 08 22 05.4

WBSI Waikabubak, Su 10.77 254 P Pn 08 18 43.2 +1.8

MRSI Marisa 10.80 312 P Pn 08 18 47.4 +5.7

PLAI Plampang 12.18 260 P Pn 08 19 00.1 -0.1

TWSI Taliwang, Sumb 13.04 261 P Pn 08 19 13.6 +2.0

WRAB Tennant Creek 13.68 162 P Pn 08 19 17.5 -2.4

WRA Warramunga Arr 13.68 162 P Pn 08 19 17.5 -2.5

WRA Warramunga Arr 13.68 162 Pn 08 19 17.6 -2.5

WRA Warramunga Arr 13.76 161 P Pn 08 19 23.0 +1.8

KLNI Mataram 13.78 263 P Pn 08 19 23.0 +1.8

COEN Coen 14.82 119 Pn 08 19 34.8 +0.3

JAGI Jajag, Banyuwa 15.70 263 P Pn 08 19 46.1 +0.4

KMMI Kailianget 15.83 268 P Pn 08 19 47.3 0.0

AS31 Alice Springs 17.13 167 P Pn 08 20 03.0 -0.3

AS31 Alice Springs 17.13 167 Pn 08 20 03.5 -0.8

NEIC 30 08:27:26.5:1.0,3:6E,80N,0:04:98:35W,0:04,h7km,1km, Error ellipse: s-maj=6.3km s-min=4.5km az=154.0

ANF 30 08:27:26.6:0.2,3:6E,81N,98:34W,h5km,ML4.3/22,Error ellipse: s-maj=3.0km s-min=2.4km az=116.0

TUL 30 08:27:26.3:0.9,3:6E,81N,0:04:98:35W,0:04,h5km,7km, ML3.5,mb, Lg3.4/127(NEIC),Error ellipse: s-maj=5.7km

ISC 30 08:27:26.6:0.9,3:6E,80N,0:02:98:34W,0:02,h12km,6km, n166, s143/174, Oklahoma

OK032 Salt Plains WL 0.10 88 Pp 08 27 29.0 -0.6

KAN14 Manchester OK 0.34 62 Pp 08 27 33.3 -0.2

KAN10 Anthony SW Sta 0.38 31 Sg 08 27 34.0 -0.2

GC02 Grant County # 0.39 82 Sg 08 27 34.2 -0.2

CROK Carrier 0.41 136 Pp 08 27 34.6 +0.3

KAN08 Anthony NE Sta 0.52 34 Pp 08 27 36.5 -0.2

KAN17 Caldwell West 0.52 62 Pp 08 27 36.5 -0.2

KAN12 Harper NE Sta 0.56 29 Pp 08 27 37.5 -0.2

KAN12 Winter Ranch, 0.68 232 Pp 08 27 39.4 -0.5

U32A Winter Ranch, 0.68 232 P Sg 08 27 39.4 -0.5

U32A Winter Ranch, 0.68 232 P Sg 08 27 39.4 -0.5

U32A Winter Ranch, 0.68 232 P Sg 08 27 39.4 -0.5

U32A Winter Ranch, 0.68 232 P Sg 08 27 39.4 -0.5

KAN13 South Haven SW 0.72 73 Pp 08 27 40.2 -0.4

KS20 Mayfield South 0.76 55 Pp 08 27 41.0 -0.4

KS20 Mayfield South 0.76 55 Pp 08 27 41.0 -0.4

GL0K Blackwell 0.90 92 Sg 08 27 43.4 -0.5

OK029 Liberty Lake 1.23 144 Pp 08 27 49.2 -0.4

QUOK Quay 1.46 115 Pn 08 27 53.3 +0.6

OK025 Westminster R 1.46 146 Pn 08 27 53.1 +0.3

T35A Sooner Cattle 1.47 85 Pn 08 27 53.4 +0.5

T35B Sooner Cattle 1.47 85 Pn 08 27 53.5 +0.6

T35B Sooner Cattle 1.47 85 Pn 08 27 53.5 +0.6

T35B Sooner Cattle 1.47 85 Pn 08 27 53.5 +0.6

OK031 S. Brethren Rd 1.48 125 Pn 08 27 53.4 +0.4

OKCFA Oklahoma City 1.56 152 Pn 08 27 54.5 +0.4

OKCFA Oklahoma City 1.56 152 Pn 08 27 54.6 +0.5

U38A	baz=278,SNR=33	3.20	95	P			08 28 18.4
X37A	Clayton	3.27	132	P	Pn		08 28 17.9 +0.2
X37A	Clayton	3.27	132	P	Pn		08 28 18.7 +1.1
X37A	Clayton	3.27	132	P			08 28 18.7
AMTX	Amarillo	3.32	236	Pn	Pn	IAMB_Lg	08 28 20.5 +2.0
AMTX	Amarillo	3.32	236	P	Pn		08 28 20.5 +2.0
AMTX	Amarillo	3.32	236	Pn	Pn		08 28 20.5 +2.0
AMTX	Amarillo	3.32	236	Pb	Pb		08 28 26.7 +1.2
AMTX	Amarillo	3.32	236	P			08 29 11.0 -2.4
AMTX	Amarillo	3.32	236	P			08 28 20.5
Z35A	Perchaven, San	3.57	165	P	Pn		08 28 22.8 +1.0
Z35A	Perchaven, San	3.57	165	P	Pn		08 28 23.4 +1.6
Z35A	Perchaven, San	3.57	165	P			08 28 23.4
N33B	J Bar K, Exete	3.99	10	P	Pn		08 28 27.7 +0.2
N33B	J Bar K, Exete	3.99	10	P	Pn		08 28 27.7
N33A	J Bar K, Exete	3.99	10	Pn	Pn	IAMB_Lg	08 28 27.9 +0.3
W39A	Magazine	4.02	112	P			08 28 28.6 +0.6
W39A	Magazine	4.02	112	P			08 28 28.2 +0.2
W39A	Magazine	4.02	112	Pn	Pn		08 28 29.2 +1.2
W39A	Magazine	4.02	112	Pb	Pb		08 28 38.2 +0.8
W39A	Magazine	4.02	112	Sb	Sg		08 29 33.1 -2.7
W39A	Magazine	4.02	112	P			08 28 28.2
K3CO	Kaye Shedlock	4.05	304	Pn	Pn	IAMB_Lg	08 28 29.1 +0.7
K3CO	Kaye Shedlock	4.05	304	Pn	Pn		08 28 29.9 +1.4
K3CO	Kaye Shedlock	4.05	304	Pb	Pb		08 28 40.3 +2.4
K3CO	Kaye Shedlock	4.05	304	Sb	Sg		08 29 17.6 +1.8
S39A	Bolivar	4.10	76	Pn	Pn	IAMB_Lg	08 28 30.2 +1.2
S39A	Bolivar	4.10	76	P			08 28 30.2
S39A	Bolivar	4.10	76	P			08 28 30.2
ABTX	Ablene, Hawle	4.30	195	Pn	Pn	IAMB_Lg	08 28 32.7 +0.8
ABTX	Ablene, Hawle	4.30	195	P	Pn		08 28 32.3 +0.4
ABTX	Ablene, Hawle	4.30	195	P	Pn		08 28 32.7 +0.8
ABTX	Ablene, Hawle	4.30	195	P			08 28 32.3
U40A	Yellville	4.43	94	Pn	Pn		08 28 34.3 +0.7
U40A	Yellville	4.43	94	P	Pn		08 28 34.7 +1.1
U40A	Yellville	4.43	94	P			08 28 34.8 +1.1
U40A	Yellville	4.43	94	P			08 28 34.7
Z38A	Mt. Pleasant	4.48	141	Pn	Pn	IAMB_Lg	08 28 34.8 +0.5
Z38A	Mt. Pleasant	4.48	141	Pn	Pn		08 28 35.2 +0.9
MIAR	Mount Ida	4.48	119	Pn	Pn	IAMB_Lg	08 28 35.5 +1.2
MIAR	Mount Ida	4.48	119	P	Pn		08 28 35.5 +1.2
MIAR	Mount Ida	4.48	119	P	Pn		08 28 35.5
MSTX	Muleshoe	4.59	233	Pn	Pn	IAMB_Lg	08 28 35.9 +0.1
MSTX	Muleshoe	4.59	233	Pn	Pn		08 28 37.2 +1.2
MSTX	Muleshoe	4.59	233	Pb	Pb		08 28 47.8 +0.5
MSTX	Muleshoe	4.59	233	Sb	Sg		08 29 49.2 -5.0
BGNE	Belgrade	4.60	2	Pn	Pn		08 28 37.0 +0.9
BGNE	Belgrade	4.60	2	P	Pn		08 28 36.9 +0.9
BGNE	Belgrade	4.60	2	Pn	Pn		08 28 36.9 +0.9
BGNE	Belgrade	4.60	2	Sb	Sg		08 29 50.9 -3.5
BGNE	Belgrade	4.60	2	P			08 28 36.9
P38A	Dawn	4.72	52	Pn	Pn		08 28 38.3 +0.7
P38A	Dawn	4.72	52	P	Pn		08 28 38.2 +0.7
P38A	Dawn	4.72	52	P			08 28 38.2
WHTX	Lake Whitney	4.85	171	P	Pn		08 28 39.9 +0.5
WHTX	Lake Whitney	4.85	171	P			08 28 40.1 +0.6
WHTX	Lake Whitney	4.85	171	P			08 28 40.5 +1.1
WHTX	Lake Whitney	4.85	171	Sb	Sb		08 29 55.7 +5.9
WHTX	Lake Whitney	4.85	171	P			08 28 40.1
MGMO	Mountain Grove	4.87	84	Pn	Pn	IAMB_Lg	08 28 40.8 +1.2
MGMO	Mountain Grove	4.87	84	P			08 28 40.9
T25A	Trinidad	4.88	276	P	Pn		08 28 40.2 +0.3
T25A	Trinidad	4.88	276	P			08 28 41.5 +1.6
T25A	Trinidad	4.88	276	Sb	Sg		08 29 57.3 -5.8
X40A	Basin Creek Fa	5.04	116	Pn	Pn	IAMB_Lg	08 28 43.3 +1.4
X40A	Basin Creek Fa	5.04	116	P	Pn		08 28 43.1 +1.1
X40A	Basin Creek Fa	5.04	116	P	Pn		08 28 43.6 +1.6
X40A	Basin Creek Fa	5.04	116	P			08 28 43.1
X40A	Basin Creek Fa	5.04	116	P			08 28 43.1
OGNE	Ogallala	5.04	326	Pn	Pn	IAMB_Lg	08 28 44.3 +1.3
OGNE	Ogallala	5.04	326	P	Pn		08 28 44.4 +2.3
R40A	Maddies Statio	5.05	71	Pn	Pn	IAMB_Lg	08 28 44.8 +0.8
R40A	Maddies Statio	5.05	71	Pn	Pn		08 28 43.4 +0.7
WHAR	Wooley Hollow	5.13	105	Pn	Pn	IAMB_Lg	08 28 44.3 +1.1
WHAR	Wooley Hollow	5.13	105	P			08 28 45.2 +1.1
237A	Washetta, Mont	5.22	156	P			08 28 44.4
237A	Washetta, Mont	5.22	156	Pn	Pn	IAMB_Lg	08 28 44.4 +0.1
237A	Washetta, Mont	5.22	156	P	Pn		08 28 44.4 -0.1
WLAR	White Oak Lake	5.28	124	Pn	Pn	IAMB_Lg	08 28 46.0 +0.7
WLAR	White Oak Lake	5.28	124	P			08 30 27.2

L34A	Svendensn Farm,	5.38	16	Pn	Pn		08 28 46.2 -0.4
N38A	Joos South For	5.63	43	P	Pn		08 28 50.7 +0.5
N38A	Joos South For	5.63	43	P	Pn		08 28 50.7 +0.5
P40A	Paris	5.65	59	Pn	Pn	IAMB_Lg	08 28 51.2 +0.8
Z41A	comp=Z,64nm,0.8s	5.75	126	S	Sn		08 29 57.0 -0.7
CCM	Cathedral Cave	5.78	75	Pn	Pn	IAMB_Lg	08 28 52.6 +0.4
SDCO	Great Sand Dun	5.79	282	P	Pn	IAMB_Lg	08 30 31.7
SDCO	Great Sand Dun	5.79	282	P	Pn		08 28 55.2 +2.6
SDCO	Great Sand Dun	5.79	282	Sb	Sb		08 30 24.7 +7.5
Q24A	Divide	5.80	294	P	Sn		08 28 54.0 +1.2
Q24A	Divide	5.80	294	S	Sn		08 29 59.6 +0.1
T42A	Van Buren	5.81	86	Pn	Pn	IAMB_Lg	08 28 53.3 +0.7
K31A	O'Neil	5.82	357	Pn	Pn		08 28 49.9 -2.9
L3AR	Lake Charles	5.84	95	Pn	Pn		08 28 54.2 +1.3
435B	Jarrell	6.04	174	Pn	Pn	IAMB_Lg	08 28 54.0 -1.6
CCAR	Cane Creek	6.09	116	Pn	Pn	IAMB_Lg	08 28 57.2 +0.9
JCT	Junction City	6.42	191	Pn	Pn		08 29 00.7 -0.3
ISCO	Idaho Springs	6.46	300	Pn	Pn		08 29 02.4 +0.6
ISCO	Idaho Springs	6.46	300	Pn	Pn		08 29 03.0 +1.2
SCIA	State Center	6.46	36	Pn	Pn	IAMB_Lg	08 29 02.7 +1.2
LPAR	Lepan	6.61	98	Pn	Pn		08 29 04.4 +0.9
SLM	Saint Louis	6.68	72	Pn	Pn	IAMB_Lg	08 31 07.9
143A	Socs Landing,	7.02	124	Pn	Pn	IAMB_Lg	08 31 21.0
N41A	Hann Midland	7.03	54	Pn	Pn	IAMB_Lg	08 31 23.4
ECSD	EROS Data Cent	7.05	10	Pn	Pn		08 29 09.0 -0.5
ECSD	EROS Data Cent	7.05	10	P	Pn		08 29 09.1 -0.5
ECSD	EROS Data Cent	7.05	10	S	Sn		08 30 28.1 -1.5
PHWY	Pilot Hill	7.13	311	Pn	Pn	IAMB_Lg	08 29 10.7 -0.3
N23A	Red Feather La	7.21	307	Pn	Pn		08 29 13.7 +1.7
S44A	Carbondale	7.30	80	Pn	Pn		08 29 14.0 +1.0
P43A	Skaggs, Pawnee	7.50	65	Pn	Pn		08 29 16.0 +0.3
W45A	Hickory Valley	7.60	100	Pn	Pn	IAMB_Lg	08 31 37.4
L40A	Anamosa	7.61	44	Pn	Pn	IAMB_Lg	08 29 16.8 -0.4
SUSD	Miller	7.65	357	Pn	Pn	IAMB_Lg	08 31 41.5
MNTX	Cornudas Mount	7.74	231	Pn	Pn	IAMB_Lg	08 29 19.9 +0.8
MNTX	Cornudas Mount	7.74	231	P	Pn		08 29 20.1 +1.0
Y45A	Yeager Farm, C	7.76	110	Pn	Pn	IAMB_Lg	08 31 43.5
735A	Kenedy	7.94	177	Pn	Pn	IAMB_Lg	08 31 54.7
HDIL	Hopedale	8.00	59	Pn	Pn		08 29 22.7 0.0
HDIL	Hopedale	8.00	59	Pn	Pn		08 29 23.6 +0.9
PV07	Paradox Valley	8.34	284	Pn	Pn		08 29 27.8 +0.3
O44A	Manfield	8.43	84	Pn	Pn	IAMB_Lg	08 29 28.1 -0.1
RWWY	Rawlins	8.44	308	Pn	Pn	IAMB_Lg	08 31 57.2
L42A	Oliver, Polo	8.48	50	Pn	Pn		08 29 29.4 +0.1
RSSD	Black Hills	8.50	331	P	Pn		08 32 11.1
RSSD	Black Hills	8.50	331	P	Pn		08 29 31.6 +1.9
PLAL	Pickwick Lake	8.52	99	Pn	Pn	IAMB_Lg	08 31 58.1
K22A	Casper	8.60	315	Pn	Pn	IAMB_Lg	08 32 18.8
PV05	Paradox Valley	8.66	282	Pn	Pn	IAMB_Lg	08 32 16.1
TX31	Lajitas Ar. Si	8.69	213	Pn	Pn		08 29 32.2 +0.1
TX32	Lajitas Array	8.69	213	Pn	Pn		08 29 32.8 +0.7
TXAR	Lajitas Array	8.69	213	Pn	Pn		08 29 32.6 +0.5
146A	Union	8.69	116	Pn	Pn	IAMB_Lg	08 32 25.7
JFWS	Jewell Farm	8.71	43	Pn	Pn	IAMB_Lg	08 29 32.5 +0.1
JFWS	Jewell Farm	8.71	43	Pn	Pn		08 32 11.8
JFWS	Jewell Farm	8.71	43	P	Pn		08 29 32.3 0.0
JFWS	Jewell Farm	8.71	43	Pn	Pn		08 29 32.3 0.0
JFWS	Jewell Farm	8.71	43	S	Sn		08 31 06.1 -4.3
T47A	Sharon Grove	9.00	85	Pn	Pn	IAMB_Lg	08 32 23.3
Z47A	Carrollton	9.16	110	Pn	Pn	IAMB_Lg	08 29 34.9 +0.9
F33A	5 Mile Ranch,	9.16	9	Pn	Pn	IAMB_Lg	08 32 31.9
I40A	Norwalk	9.21	37	Pn	Pn		08 29 39.4 +0.2
M44A	Midewin, Midew	9.22	57	Pn	Pn	IAMB_Lg	08 29 39.6 +0.3
V48A	Smith Brothers	9.36	93	Pn	Pn	IAMB_Lg	08 32 21.4
SPMN	Marine on St.	9.39	25	Pn	Pn	IAMB_Lg	08 29 41.5 -0.2
X48A	Hartselle	9.49	101	Pn	Pn	IAMB_Lg	08 32 27.4
SFIN	Lafayette	9.50	64	Pn	Pn	IAMB_Lg	08 32 27.6
HQIL	Hanson Quarry C	9.53	55	Pn	Pn	IAMB_Lg	08 32 35.9
BLO	Bloomington	9.62	72	Pn	Pn	IAMB_Lg	08 29 45.1 +0.3
WCI	Wyandotte Cave	9.67	78	Pn	Pn	IAMB_Lg	08 29 46.0 +0.4
L44A	Lake County Fo	9.68	53	Pn	Pn	IAMB_Lg	08 32 38.8
K43A	Burlington	9.70	49	Pn	Pn	IAMB_Lg	08 29 46.3 +0.4
CLTN	Cedars of Leba	9.70	91	Pn	Pn	IAMB_Lg	08 32 35.8
F36A	Milaca	9.75	20	Pn	Pn		08 29 46.3 -0.2
E28A	Huff	9.92	351	Pn	Pn	IAMB_Lg	08 29 48.4 -0.5
LRAL	Lakeview Retre	10.04	109	Pn	Pn		08 29 50.5 +0.1
I42A	Drager Farm,	10.09	43	Pn	Pn		08 29 51.2 0.0
G40A	Rib Lake	10.45	33	Pn	Pn		08 29 56.4 +0.2
BW06	Boulder Array	10.49	308	Pn	Pn		08 29 56.4 -0.5
PD31	Pinedale Array	10.49	308	Pn	Pn		08 29 56.7 -0.2

Island, New Zealand
WEL 30 08:50.5,0.5,0.8,41°S,4°17'6E, h15km,5km,M3.5/12, ML3.9/12,MLV3.5/12,Error ellipse: s-maj=0.0km s-min=0.0km az=116.3,North Island

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
BFZ	Birch Farm	0.18	269	Op	ISC	h m s ISC
ANWZ	Angora Road	0.22	358	P	Pb	08 58 55.0 +0.2
CPWZ	Castlepoint	0.32	223	P	Pb	08 58 58.5 +0.6
PRWZ	Porri Road	0.41	287	P	Pb	08 59 06.1 -0.9
DVHZ	Dannevirke	0.45	327	P	Pb	08 59 09.0 -0.1
TIWZ	Tintock	0.47	258	P	Pb	08 59 07.4 +0.7
WPHZ	Waipukurau	0.61	357	P	Pb	08 59 03.5 +0.6
POWZ	Post Office Ro	0.62				

30d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BB00 Buckleboob, FORT Forrest, CMAR Chiang Mai Arr, etc.

NEIC 30 09:47:23.5:1.6, 17.04N:0.08:99.67W:0.05, h34km, 8km, Error ellipse: s-maj=11.0km, s-min=7.0km, az=76.0, etc.

Main table of station data for the 30d 10h period, listing station names, coordinates, and various parameters.

2015 AUG

Main table of station data for the 2015 AUG period, listing station names, coordinates, and various parameters.

1496

Main table of station data for the 1496 period, listing station names, coordinates, and various parameters.

Table with columns: SLIU, Shizi, 0.18 254, P, Pg, 10 25 05.8 -0.4, etc. Lists various stations and their associated data points.

Table with columns: WHP, Taichung City, 2.00 359, eP, Pb, 10 25 37.0 -0.6, etc. Lists various stations and their associated data points.

Table with columns: FEO, comp=E,674nm,0.2s, Sgm, 10 47 44.5, etc. Lists various stations and their associated data points.

MAN 30 10:36:31.8, 19:98N; 121:26E, h32km, mb4.6, ML3.5, M3.3, 4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists station codes and names.

ICD 30 10:47:19.5:3.3, 44:64N; 36:29E, h0km, mb1 3.3/3, mb1mx3.0/34, mbtmp3.3/3, ML3.0/3, Error ellipse: s-maj=58.5km s-min=11.8km az=85.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists station codes and names.

ISK 30 10:58:09.4, 35:75N; 32:27E, h74km, 1km, ML3.7/40, IDC 30 10:58:10.6:1.5, 35:75N; 32:27E, h96km, 27km, mb3.6/4, mb1 3.0/10, mb1mx3.3/43, mbtmp3.9/10, Error ellipse: s-maj=28.8km s-min=16.8km az=40.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SBA Scott Base, VDA Vanda, VNA Vanda, etc.

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, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SDCO Great Sand Dun, SRU San Rafael SWE, SDR comp=Z,3.0nm,0.9s, etc.

Bottom section containing various astronomical notes and coordinates, including 'IDC 30 11:43:31.0... 21:81S:68.40W, h108km, 6km, mb3.6/8, mb1 3.7/12, mb1mx3.6/25, mbtmp3.9/12, Error ellipse: s-maj=19.3km s-min=16.9km az=111.0'.

1501

Table with columns: ID, Name, Time, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like 441A DeRidder, N38A Jones South For, N38A Jones South For, MET Memphis-Engin, etc.

2015 AUG

Table with columns: ID, Name, Time, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like SWET Sewanee, SFIN Lafayette, PV02 Paradox Valley, etc.

30d 12h

Table with columns: ID, Name, Time, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like OTVZ Otterure, WTVZ West Tongariro, KRVZ Kaitake, etc.

1DC 30 12:51:03.2z:1.8,23:94N:122:76E,h0km,mb3.3z, m/1 3.6/4,mb1mx3.2/44,mbtmp3.4/4,ML3.1/2,Error ellipse: s-maj=40.6km s-min=30.5km az=140.0

JMA 30 12:51:04.0z:0.2,24:68N:122:11E,h66km,4km,M3.2 TAP 30 12:51:05.0z:0.2,24:70N:122:11E,h62km,ML3.8,3.2 ISC 30 12:51:05.0z:0.4,9.24,70N:0.03:122:14E:0.02,h58km,5km, n111,s107/214,Sz,C Taiwan region ID

Table with columns: Code, Station Name, Time, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like TWC Suao, TWC Suao, NTC Tsucheng, etc.

30d 12h

TWE	baz=276	i	S	Sn	12 51 25.0 +0.5	
ENA	Nanau baz=230	0.45 234	i	P	Sn	12 51 17.2 +0.4
ENA				S	Sn	12 51 26.4 +1.5
NWF	Wu-fen Shan baz=230	0.49 319	i	P	Pn	12 51 17.4 +0.1
NWF				S	Sn	12 51 25.7 -0.2
WFBS	Wu-fen Shan baz=313	0.49 319	i	P	Pn	12 51 17.5 +0.3
WFBS				S	Sn	12 51 25.9 +0.2
EHP	Heping Village baz=313	0.53 223	i	P	Pn	12 51 18.1 +0.5
EHP				S	Sn	12 51 28.0 +1.6
TNOU	National Taiwa baz=219	0.56 324	i	P	Pn	12 51 16.8 -1.2
TNOU				S	Sn	12 51 25.6 -1.4
NDT	Datong Townshi baz=320	0.58 261	i	P	Pn	12 51 18.7 +0.6
NDT				S	Sn	12 51 29.1 +1.7
TWA	Mucha baz=261	0.58 299	i	P	Pn	12 51 18.1 -0.1
TWA				S	Sn	12 51 26.8 -0.6
NHHD	Xindian Distri baz=293	0.62 295	i	P	Pn	12 51 18.7 +0.1
NHHD				S	Sn	12 51 27.6 -0.5
NHY	Taipei baz=296	0.62 303	i	P	Pn	12 51 18.4 -0.2
NHY				S	Sn	12 51 28.0 -0.2
TATO	Taipei baz=304	0.65 295	i	P	Pn	12 51 18.9 -0.1
TATO				S	Sn	12 51 28.0 -0.9
TAP1	Taipei baz=295	0.66 301	i	P	Pn	12 51 19.1 +0.1
TAP1				S	Sn	12 51 28.4 -0.5
NWRT	Kuosheng baz=301	0.67 319	i	P	Pn	12 51 19.4 +0.3
NWRT				S	Sn	12 51 28.7 -0.5
YM01	YM01 baz=312	0.68 311	i	P	Pn	12 51 19.1 -0.3
YM01				S	Sn	12 51 29.0 -0.7
YHNB	Yeheng baz=312	0.70 268	i	P	Pn	12 51 19.9 +0.3
YHNB				S	Sn	12 51 30.8 +0.8
YM08	YM08 baz=272	0.70 314	i	P	Pn	12 51 19.0 -0.6
YM08				S	Sn	12 51 28.8 -1.1
BACT	New Taipei Cit baz=308	0.70 295	e	P	Pn	12 51 19.7 +0.1
BACT				S	Sn	12 51 30.0 +0.1
NSK	Sanguang baz=295	0.71 268	i	P	Pn	12 51 20.0 +0.2
NSK				S	Sn	12 51 30.6 +0.4
ETL	Fush Village baz=273	0.71 221	i	P	Pn	12 51 19.4 -0.4
ETL				S	Sn	12 51 31.1 +0.8
NACB	Ninganchiao baz=210	0.72 224	i	P	Pn	12 51 19.4 -0.4
NACB				S	Sn	12 51 31.5 +1.1
ANP	Anpu baz=212	0.74 311	i	P	Pn	12 51 19.8 -0.5
ANP				S	Sn	12 51 30.2 -0.8
NNS	Nan Shan baz=304	0.74 250	i	P	Pn	12 51 20.7 +0.4
NNS				S	Sn	12 51 32.5 +1.4
TWY	Chenhua baz=240	0.76 320	i	P	Pn	12 51 20.2 -0.1
TWY				S	Sn	12 51 31.5 +0.3
ETLH	Xiulin Townshi baz=321	0.77 231	i	P	Pn	12 51 20.3 -0.2
ETLH				S	Sn	12 51 32.2 +0.5
JYNG	Yonagunijimaku baz=237	0.77 108	i	P	Pn	12 51 20.8 +0.3
JYNG				S	Sn	12 51 32.1 +0.6
NTST	Danshui baz=210	0.78 307	i	P	Pn	12 51 20.4 -0.2
NTST				S	Sn	12 51 31.5 -0.2
TWD	Chiawan baz=307	0.79 219	i	P	Pn	12 51 20.4 -0.3
TWD				S	Sn	12 51 32.3 +0.5
NTY	Taoyuan baz=207	0.82 292	i	P	Pn	12 51 21.0 -0.1
NTY				S	Sn	12 51 32.7 +0.1
YOJ	Yonaguni jima baz=291	0.83 106	i	P	Pn	12 51 21.4 +0.3
YOJ				S	Sn	12 51 34.8 +2.1
YOJ	Yonaguni jima baz=100	0.83 106	i	P	Pn	12 51 21.5 +0.3
YOJ				S	Sn	12 51 34.8 +2.1
HWA	Hwalien baz=100	0.87 214	i	P	Pn	12 51 21.7 0.0
HWA				S	Sn	12 51 35.8 +2.2
NCU	National Centr baz=201	0.91 288	i	P	Pn	12 51 22.7 +0.5
NCU				S	Sn	12 51 35.9 +1.4
NCUH	Zhongli baz=287	0.91 287	i	P	Pn	12 51 22.6 +0.4
NCUH				S	Sn	12 51 35.1 +0.5
PCYT	Pengchayiu baz=286	0.93 356	i	P	Pn	12 51 22.7 +0.2
PCYT				S	Sn	12 51 35.3 +0.2
FUSS	Fushou baz=352	0.93 241	i	P	Pn	12 51 23.1 +0.4
FUSS				S	Sn	12 51 36.9 +1.4
ETM	Tongmen baz=233	0.94 219	i	P	Pn	12 51 21.9 -0.7
ETM				S	Sn	12 51 34.9 -0.3
NJD	Zhudong baz=216	0.96 273	e	P	Pn	12 51 23.7 +0.9
NJD				S	Sn	12 51 36.8 +1.1
TEYL	Yanliu Villag baz=282	0.96 211	i	P	Pn	12 51 22.3 -0.6
TEYL				S	Sn	12 51 36.1 +0.3
WHF	Hehuan Shan baz=201	0.97 236	i	P	Pn	12 51 23.4 -0.1
WHF				S	Sn	12 51 37.1 +0.5
TDCB	Techi baz=233	1.00 244	i	P	Pn	12 51 23.8 +0.3
TDCB				S	Sn	12 51 37.2 +0.3
HSN1	Hsinchu baz=233	1.02 275	i	P	Pn	12 51 22.2 -1.5
HSN1				S	Sn	12 51 37.8 +0.5
LIOB	Emei baz=282	1.02 267	i	P	Pn	12 51 24.3 +0.5
LIOB				S	Sn	12 51 38.2 +0.9
NSTT	Nanjiang baz=276	1.04 267	i	P	Pn	12 51 24.2 +0.3
NSTT				S	Sn	12 51 38.1 +0.5
SBCB	Hsinchu baz=275	1.05 275	i	P	Pn	12 51 24.0 -0.1
SBCB				S	Sn	12 51 38.8 +0.8

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SBCB	baz=283	S	Sn	12 51 38.8 +0.8		
HSN	Hsinchu baz=284	1.07 276	P	Pn	12 51 25.1 +0.8	
HSN			S	Sn	12 51 38.3 0.0	
CHGB	Renai baz=284	1.08 234	i	P	Pn	12 51 25.0 +0.2
CHGB			S	Sn	12 51 39.6 +0.6	
ESL	Shilin baz=222	1.09 216	i	P	Pn	12 51 23.5 -1.1
ESL			e	Sn	12 51 39.9 +1.1	
TEGC	Jichi Village baz=223	1.13 209	i	P	Pn	12 51 24.8 -0.3
TEGC			S	Sn	12 51 40.1 +0.4	
OWD	Renai baz=196	1.15 230	i	P	Pn	12 51 25.6 +0.1
OWD			S	Sn	12 51 39.7 -0.7	
NUN	Zhunan baz=219	1.16 270	i	S	Sn	12 51 41.2 +0.8
WHP	Taichung City baz=275	1.17 249	i	P	Pn	12 51 26.7 +1.1
WHP			S	Sn	12 51 42.1 +1.3	
EGFH	Guangfu baz=247	1.21 213	i	P	Pn	12 51 25.0 -1.3
EGFH			S	Sn	12 51 40.9 -0.8	
NMLH	Miaoili baz=221	1.24 263	i	P	Pn	12 51 27.0 +0.4
NMLH			S	Sn	12 51 43.3 +1.0	
WPL	Puli Township baz=271	1.28 238	i	P	Pn	12 51 27.7 +0.6
WPL			S	Sn	12 51 44.4 +1.2	
NSY	Sanyi baz=228	1.29 258	i	P	Pn	12 51 27.7 +0.5
NSY			S	Sn	12 51 44.8 +1.2	
DPDB	Guoxing baz=255	1.29 239	i	P	Pn	12 51 28.0 +0.7
DPDB			S	Sn	12 51 45.4 +1.7	
WCS	Beigang Elemen baz=228	1.29 241	i	P	Pn	12 51 28.2 +1.0
WCS			S	Sn	12 51 45.9 +2.4	
TWQ1	Liyutan baz=229	1.29 255	i	P	Pn	12 51 27.4 +0.1
TWQ1			S	Sn	12 51 45.2 +1.6	
HGSD	Ruisui baz=252	1.37 209	i	P	Pn	12 51 27.6 -0.7
HGSD			e	Sn	12 51 45.7 +0.3	
SMLT	Sun Moon Lake baz=216	1.39 235	i	P	Pn	12 51 29.8 +1.0
SMLT			S	Sn	12 51 48.1 +1.9	
EHY	Hungye baz=232	1.40 212	i	P	Pn	12 51 27.0 -1.8
EHY			S	Sn	12 51 43.8 -2.5	
WDJ	Dajia District baz=210	1.41 256	i	P	Pn	12 51 28.9 0.0
WDJ			S	Sn	12 51 46.8 +0.4	
SSLB	Suanglung baz=254	1.41 230	i	P	Pn	12 51 29.4 +0.4
SSLB			S	Sn	12 51 47.5 +1.0	
TCU	Taiung baz=220	1.44 248	i	P	Pn	12 51 28.5 -0.8
TCU			e	Sn	12 51 48.9 +1.6	
WWF	Wufeng baz=245	1.47 244	i	P	Pn	12 51 30.1 +0.4
WWF			S	Sn	12 51 49.1 +1.2	
IRIF	Iriomote-Funau baz=253	1.49 104	i	P	Pn	12 51 30.0 0.0
IRIF			e	Sn	12 51 48.8 +0.4	
YULB	Yu-li baz=208	1.51 211	i	P	Pn	12 51 28.7 -1.6
YULB			S	Sn	12 51 47.0 -1.9	
ECBN	Changbin baz=208	1.51 205	i	P	Pn	12 51 29.3 -0.9
ECBN			S	Sn	12 51 47.3 -1.6	
EYUL	Yuli baz=193	1.54 209	i	P	Pn	12 51 29.6 -1.0
EYUL			S	Sn	12 51 48.4 -1.2	
WHYT	Xinyi Township baz=216	1.54 230	i	P	Pn	12 51 31.8 +1.1
WHYT			S	Sn	12 51 52.0 +2.3	
TWF1	Yuli baz=219	1.54 210	i	P	Pn	12 51 29.3 -1.4
TWF1			e	Sn	12 51 47.7 -2.1	
WNT1	Nantou City baz=217	1.55 240	i	P	Pn	12 51 31.7 +1.0
WNT1			S	Sn	12 51 52.5 +2.8	
WJS	Zhushan baz=249	1.56 236	i	P	Pn	12 51 32.1 +1.3
WJS			S	Sn	12 51 51.7 +1.7	
WNT	Mingjian baz=246	1.56 239	i	P	Pn	12 51 31.5 +0.6
WNT			S	Sn	12 51 51.8 +1.7	
WCHH	Zhanghua baz=249	1.57 247	i	P	Pn	12 51 29.6 -1.4
WCHH			S	Sn	12 51 50.5 +0.2	
WYL	Yuanlin Townsh baz=244	1.60 243	i	P	Pn	12 51 52.3 +1.2
HATJ	Hateruma jima baz=240	1.65 112	i	P	Pn	12 51 32.7 +0.6
HATJ			e	Sn	12 51 52.7 +0.5	
FULB	Fulu baz=213	1.68 208	i	P	Pn	12 51 31.8 -0.8
FULB			S	Sn	12 51 53.1 +0.1	
ALS	Alisan baz=213	1.70 226	i	P	Pn	12 51 33.9 +0.8
ALS			S	Sn	12 51 56.9 +3.0	
CHKT	Chengkung baz=214	1.74 204	i	P	Pn	12 51 32.1 -1.3
CHKT			S	Sn	12 51 51.5 -3.0	
WGK	Gukung baz=193	1.76 235	i	P	Pn	12 51 34.5 +0.9
WGK			S	Sn	12 51 56.5 +1.6	
JKRS	Kuro-shima baz=245	1.76 105	i	P	Pn	12 51 34.1 +0.4
JKRS			e	Sn	12 51 55.8 +0.8	
WDLH	Douliu baz=245	1.77 236	i	P	Pn	12 51 34.1 +0.3
WDLH			S	Sn	12 51 56.5 +1.2	
WRL	Guolierlin Hig baz=241	1.79 244	i	P	Pn	12 51 33.8 -0.3
WRL			S	Sn	12 51 55.1 -0.6	
ECS	Chishang baz=241	1.80 208	i	P	Pn	12 51 34.3 +0.1
ECS			S	Sn	12 51 56.1 0.0	
ELDTW	Lidau baz=213	1.82 215	i	P	Pn	12 51 33.7 -0.9
ELDTW			S	Sn	12 51 56.0 -0.5	
JJJ	Ishigaki jima baz=207	1.85 100	i	P	Pn	12 51 35.0 +0.1
JJJ			e	Sn	12 51 56.9 -0.3	
EDH	Donghe baz=195	1.88 204	i	P	Pn	12 51 34.0 -1.3
EDH			S	Sn	12 51 55.3 -2.6	
WTK	Tuku baz=195	1.89 238	i	P	Pn	12 51 35.2 -0.1
WTK			S	Sn	12 51 56.5 +1.6	

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WTK	minshiang baz=235	i	S	Sn	12 51 58.2 +0.1	
CHN2	Minshiang baz=242	1.91 233	i	P	Pn	12 51 36.8 +1.1
CHN2			S	Sn	12 52 00.8 +2.2	
TPUB	Ta-pu baz=242	1.96 225	i	P	Pn	12 51 37.4 +1.0
TPUB			S	Sn	12 52 01.7 +1.8	
STYH	Taoyuan baz=235	1.97 220	i	P	Pn	12 51 36.3 -0.2
STYH			S	Sn	12 52 00.8 +0.9	
CHY	Chiayi baz=208	1.97 233	i	P	Pn	12 51 36.7 +0.3
CHY			S	Sn	12 52 01.1 +1.1	
JISG	Ishigakijimahi baz=241	1.98 93	i	P	Pn	12 51 37.0 +0.4
JISG			S	Sn	12 52 00.9 +0.6	
STYT	Taoyuan baz=208	1.98 220	i	P	Pn	12 51 38.1 +1.4
STYT			S	Sn	12 52 02.9 +2.4	
LONT	Longtian baz=208	2.01 208	i	P	Pn	12 51 35.4 -1.7
LONT			S	Sn	12 51 59.9 -1.2	
WTP	Ta-pu baz=197	2.01 224	i	P	Pn	12 5

Table with columns: Code, Station Name, Az, Az', Phase ID, H, m, Res, S, C, P, I, Amb, and various numerical values for station parameters.

BUI 30 13:17:29.0,0.27:19N:85:51E, h5km, mB4.6/17, mb4.4/32, Ms3.8/11, Ms7.3/10

NEIC 30 13:17:34.7,1.4,27.05N:0:03:85:67E:0:08, h10km:1km, mb4.5/81, Error ellipse: s-maj=11.5km s-min=4.4km

DMN 30 13:17:34.3,0.27:72N:85:75E, h10km, M5.1/4, Error ellipse: s-maj=6.9km s-min=3.2km az=6.0

BGR 30 13:17:35.9,0.0,26:76N:85:39E, h33km, mb4.5 NDI 30 13:17:35.4,2.9,27:57N:85:59E, h10km:17km, ML4.2, mb4.5(NEIC)

ISC 30 13:17:34.6,0.8,27:62N:0:04:85:68E:0:02, h14km:5km, n212, s1938/225, mb4.5/92, MS3.1/4, 1C-1D, Nipal

Table with columns: Code, Station Name, Az, Az', Phase ID, H, m, Res, S, C, P, I, Amb, and various numerical values for station parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, H, m, Res, S, C, P, I, Amb, and various numerical values for station parameters.

ENH 21:00 77 P Amb Iamb 13 22 18.5 +0.8

ENH 21:00 77 P Amb Iamb 13 22 45.4

ENH 21:00 77 P Amb Iamb 13 22 45.4

ENH 21:00 77 P Amb Iamb 13 22 45.4

ENH 21:00 77 P Amb Iamb 13 22 45.4

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ENH 21:00 77 P Amb Iamb 13 22 45.4

ENH 21:00 77 P Amb Iamb 13 22 45.4

Table with columns: Code, Station Name, Az, Az', Phase ID, H, m, Res, S, C, P, I, Amb, and various numerical values for station parameters.

ENH 21:00 77 P Amb Iamb 13 22 18.5 +0.8

ENH 21:00 77 P Amb Iamb 13 22 45.4

ENH 21:00 77 P Amb Iamb 13 22 45.4

ENH 21:00 77 P Amb Iamb 13 22 45.4

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ENH 21:00 77 P Amb Iamb 13 22 45.4

ENH 21:00 77 P Amb Iamb 13 22 45.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TXAR, TX31, TX32, MXST, etc.

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

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

GUC 30 13:40:42.9±0.6, 24.36S:67.53W, h205km, 6km, ML4.0

DC 30 13:40:46.0±1.1, 23.75S:67.31W, h214km, 14km, mb3.4/1, mb1.3/4.5, mb1mx3/2.24, mbtmp3.9/5, Error ellipse: s-maj=25.4km s-min=18.7km az=161.0

ISC 30 13:40:44.0±0.8, 24.14S:07.00W, h206km, 9km, n28, o153/39.9C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AF01, SLA, LVC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANMO, ANMO, W39A, etc.

DC 30 14:00:10.3±1.5, 54.90N:163.45E, h0km, mb3.3/2, ml1.3/7.2, mb1mx3/1.55, mbtmp3.3/2, ML1.1/1, Error ellipse: s-maj=162.6km s-min=17.6km az=153.0, Off east coast of Kamchatka Peninsula

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

DC 30 14:03:32.5±2.6, 21.73N:145.68E, h0km, mb3.6/6, ml1.3/8.7, mb1mx3/6.40, mbtmp3.7/7, ML4.0/1, Error ellipse: s-maj=109.0km s-min=19.7km az=77.0

NEIC 30 14:03:37.8±1.4, 21.74N:0.09:145.6E:0.1, h28km, 7km, mb4.5/12, Error ellipse: s-maj=18.9km s-min=12.5km az=84.0

ISC 30 14:03:39.3±0.7, 21.75N:0.09:145.5E:0.1, h44km, n22, o097/25, mb4.2/12, Mariana Islands region

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

DC 30 13:56:38.9±3.0, 16.65N:100.42W, h0km, mb3.9/5, ml1.4/0.8, mb1mx3/8.7, mbtmp3.7/8, ML3.0/3, MS3.5/5, Ms1.3/4.5, ms1mx3/0.40, Error ellipse: s-maj=55.6km s-min=24.9km az=19.0

MEX 30 13:56:41.1±0.7, 16.58N:100.74W, h16km, 10km, Md4.3 NEIC 30 13:56:42.6±1.9, 16.94N:07.100:50W:0.07, h10km, 2km, mb4.2/76, Md4.3/24(MEX), Error ellipse: s-maj=13.2km s-min=10.5km az=225.0

ISC 30 13:56:39.9±1.8, 16.65N:0.06:100.64W:0.04, h10km, 10km, n117, o1981/126, mb4.1/39, MS3.2/3, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like R11A, R11A, R11A, etc.

TUL 30 14:15:43.0±1.0, 35.54N:0.03:96.77W:0.03, h6km, 7km, ml2.6, mb, Lg2.4/36(NEIC), Error ellipse: s-maj=4.9km s-min=2.4km az=132.0

NEIC 30 14:15:43.0±1.0, 35.54N:0.02:96.76W:0.03, h8km, 7km, Error ellipse: s-maj=5.1km s-min=0.9km az=132.0, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK011, OK011, OK011, etc.

30d 14h

Table with columns for station code, name, coordinates, and status. Includes stations like OK031 S. Brethren Rd, OK025 Westminster Rd, OK056 OKLAHOMA CITY, etc.

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Main table listing station codes, names, coordinates, and status. Includes stations like TNSJ Nastanj, TABS Tabas, TNSJ TNSJ, etc.

1508

Table listing station codes, names, coordinates, and status. Includes stations like KKAR Karatay Array, KKAR Karatay Array, MASF Masafi, etc.

TEHT 30 14:38:40.2, 37.06N:57.75E, h8km, ML4.7
GCMT 30 14:38:40.8, 0.3, 37.00N:0.02, 57.84E:0.03, h12km,
MW4.8/92, Moment Tensor Solution. s21,c26; s92,c132;
Duration: 0 Moment tensor: Scale 10^19Nm; Mr1.93±.05;
Mw-1.1±.06; Mw-0.81±.05; Mw0.92±.23; Mw0.76±.05;
Mw-1.03±.21; Best double couple: M2: 17700 ± 1015
NFr=333.00000; S49.00000; A126.00000; NFr2:
NFr=333.00000; S49.00000; A126.00000; Principal axes: T
2.6120, Plg64.0000; Azm311.0000; N - 0.8650.
Plg26.0000; Azm128.0000; P - 1.7420, Plg1.0000.
Azm218.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISFR Strayin, ISFR Bojnurd, BJRJ Bojnurd, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TULEG Thule, MAJO Matushiro, MAJO Matushiro, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCJI Pacitan, PTKI Pontianak, IDC 30 14:44:24.9, NEIC 30 14:44:24.8, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GVD Gavdhos, NNC 30 15:09:26.1, PGC 30 15:12:51.5, etc.

30d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMLC San Martin de, CHIC Chingaza, ROSC El Rosal, HELC Santa Helena, UREC San Jos de Ur, SOCV Socops, LL2C La Loma 2 Cana, LL1C La Loma 1 Cana, PTGC Puerto Gaitan, VILC Villavicencio, GUY2C Guayana, Caldas, CB0C Ciudad Bolivar, DBBC Dabeiba, TOLC Tolima, SDV Santo Domingo, ARGC Ariguani, ELOV Elorza, PRAC Prado, ORTC Ortega, SJCC San Jacinto, LCBC Los crdoabas, CRUC Cerrejon, GUVV San Jose del G, YOTC Fotocho, SMLC Santa Marta, CAPC Capurgana, PIZC Pizarro, MACC Macarena, BETC Betania, MARP Paez Belalcaza, URIC Uribia, MALC Bahia Malaga, POPC Popayan, FLOC Florencia, BBAC Balboa, GRIC Gorgona, BCIP Isla Barro, AZU Azuero, OTAV Otavalo, PCRV Puerto La Cruz, PLCV Puerto La Cruz, PRVC Isla de Provid, MTJD Mount Dromedario, SDDR Presa de Saban, PDRJ Patillas Dam, SJG San Juan, GUBY Guantanan Bay.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like HUMP Col San Antoni, GPCR Guaynabo City, MTP Monte Pirata, CUPR Culebra, PTGA Pitinga, SAMP Samuel, MDP Montagnes des, LPAZ La Paz, LPAZ La Paz, SIV San Ignacio, HODGE Hodges, WHAR Woolly Hollow, WCI Wyandotte Cave, LCAR Lake Charles, P52A Corning, PBMO Poplar Bluff, FCAR Ozark Folk Cen, N59A State Game La, W39A Magazine, S44A Carbondale, SIUC Southern Illin, T42A Van Buren, BLO Bloomington, U40A Yellville, OLIL Olney, M54A Oil Creek Stat, Q44A Meyer Farm, P46A Rosedale, CCM Cathedral Cave, SCFN Lafayette, S39A Bolivar, R40A Maddies Statio, P43A Skaggs, P66E Scipio Cen, K57A K57A, OK031 S. Brethren Rd, QUOK Quay, J58A Remsen, J56A Wolcott, TXAR Lajitas Array, TXAR Lajitas Array, TX31 Lajitas Ar. Si, TX32 Lajitas Array, J57A Williamstown, J55A Hilton, HDIL Hopedale, P40A Paris, T35A Sooner Cattle, N41A Harden Midland, P38A Dawn, J47A Summer, EMMW East Machias, SADO Sadowa, K43A Burlington, MOQ Mont Orford, AMTX Amarillo, KSU1 Kansas State U, G65A Princeton, L40A Anamosa, MNTX Cornudas Mount, JFWS Jewell Farm, I42A Draeger Farm, L40A Caledonia Moun, H43A Windswept, E63A Oxbow, E62A Clayton Lake, D62A Allappot, E46A Sault Ste Marie, ECSD EROS Data Cent, SDCO Great Sand Dun, SUSD Miller, EYMN Ely.

1512

Table with columns for station name, frequency, power, and other technical details. Includes stations like ISCO Idaho Springs, SMLC Snowmass, 214A Organ Pipe Nat, PV15 Paradox Valley, PV02 Paradox Valley, PV02 Paradox Valley, PV13 Radium Mtn., PV03 Paradox Valley, PV12 Saucer Basin, PV22 Blue Mesa, Par, WUAZ Wupatki, AGMN Agassiz Nation, U15A North Rim, P17A Butcher Ranch, KNB Kanab, ULM Lac du Bonnet, LCMT Little Creek M, MSU Marysvale, MVU Marysvale, TCRU Three Creeks R, MPU Maple Canyon, NLU North Liv, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, SCHQ Schefferville, SCHQ Schefferville, TCUT Toone Canyon, DUG Dugway, TOE6 Isla de Pascua, VA02 Dugway, BGU Big Grassy Mou, REDW Red Top Meadow, LOHW Long Hollow, TPWA Teton Pass, MOOP Moose Ponds, RLMT Red Lodge, R11A Troy Canyon, IMW Indian Meadow, ELK Elko, BOZ Bozeman, MCMT McKenzie Canyo, NV11 Mina Array Sit, HLD Hildred, NVAR Mina Array Bea, NVAR Mina Array Bea, EGMT Eggleton, LRM Limekiln Ridge, MFID Camas Ranch, WVOR Wild Horse Val, BEKR Beckworth, JTMJ Jette, F10A Beach Ranch, G08A Pilot Rock, YBH Yreka Blue Hor, H04A Detroit Lake, LTY Liberty, BUCK Buck Mountain, KEBM Edson Butte, NLWA Neilton Lookou, YKA Yellowstone Ar, YKA Yellowstone Ar, DBIC Dimboko, DBIC Dimboko, SUMC Summit, INK Inuvik, INK Inuvik, TORO Torodi Ar. Bea, M27K Edge Creek, BCAR Beaver Creek A, BMRM Bremner River, PRP Porcupine Dome, BMAR Burnt Mountain, ILAR Eielson Array, MDM Murphy Dome, SKT Skwentna, BPWA Bear Paw Mtn, MLY Manley, PPLA Keypile, M20K Styx River, J20K Nowinta River, L19K White Mountain, ARCES ARCES Array B, MKAR Makanchi Array, KSH Kishi, ASAR Alchi Springs, ASAR Alchi Springs, WRA Warramunga Arr.

comp=Z:0.6nm,0.4s,baz=121,slow=2.5,SNR=16
CMAR Chiang Mai Arr 153.67 17 PKPbc PKPbc 15 32 52.9 +0.3

MAN 30 15:53:17.9, 16:50N:119:91E, h66km, mb4.2, ML3.0, MS2.7, Luzon

IDC 30 15:54:05.1, 0.9, 9:27N:126:81E, h0km, mb3.9/8, mb1 4.0/9, mb1mx3/7.30, mbtmp3.9/9, ML4.1, 1/1, Error ellipse: s-maj=42.3km s-min=16.6km az=74.0

NEIC 30 15:54:08.4, 1.6, 9:30N:0:09:126:9E:0.2, h182km, 5km, mb4.2/16, Error ellipse: s-maj=21.6km s-min=12.9km az=96.0

MAN 30 15:54:13.0, 0.9:34N:126:58E, h15km, mb5.0, ML3.9, MS3.9
ISC 30 15:54:06.0, 0.6, 9:31N:0:06:126:89E:0.08, h10km, n38, a1530/403, mb4.0/14, 3C-1D, Mindarao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like SCPH Surigao, DAV Davao City (W), KCP Kapapayan, etc.

IDC 30 16:51:59.9, 1.1, 29:55N:67:77E, h0km, mb3.5/7, mb1 3.7/9, mb1mx3/4.56, mbtmp3.7/9, ML3.9/2, Error ellipse: s-maj=29.5km s-min=22.2km az=106.0

ISC 30 16:52:04.5, 1.0, 29:7N:0:1:67:7E:0.2, h35km, n9, a3900/10, mb3.5/6, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WSAR Wadi Sarin, AAK Ala-Archa, MKAR Makanchi Array, etc.

UPA 30 16:56:52.0, 0.5, 9:39N:79:83W, h48km, 1km, MW3.8, Fault plane solution: NPT:0:232.50000, d39.67000, a=57.0000

ISC 30 16:56:50.7, 1.4, 9:47N:0:05:79:85W:0.04, h53km, 7km, n35, a078/55, 8C-8D, Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SABA3 Sabanitas, SABA3 SABA3, MAIR Monte Lirio, etc.

Table with columns: VTON El Valle, Cocl, VTON CNA3, CNA3, PNME Penonome, CRIS3 El Cristo, Coc, CALO3 Calobre, Verag, CALO3 AZU, AZU Azuero, AZU Azu, UPD2 Meteti, UPD2 Meteti, CACAO El Cacao, Vera, CACAO El Cacao, Vera, CAPC Capuranga, PRVC Isla de Provida, DBCC Dabeiba, SJBC San Jacinto, C 4.62, 84, JRS Las Juntas de, 5.10, 280, CRTJ Carrejon, Guaj, 7.03, 77

IDC 30 17:14:02.1, 1.7, 1:00N:125:94E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3/3.27, mbtmp3.4/3, Error ellipse: s-maj=165.7km s-min=24.9km az=65.0, Northern

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

IDC 30 17:34:20.6, 2.6, 27:30N:143:61E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3/3.29, mbtmp3.4/3, Error ellipse: s-maj=53.7km s-min=30.3km az=47.0, Bonin Islands region

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

NSSP 30 17:56:32.1, 41:20N:43:05E, h10km, Ms3.1, TIF 30 17:56:34.5, 41:15N:43:10E, h14km, 1km

ISC 30 17:56:34.1, 41:23N:43:08E, h5km, ML3.1/15, DMO 30 17:56:35.1, 41:18N:43:02E, h6km, 2km, ML3.0

ISC 30 17:56:34.7, 1.0, 41:17N:0:02:43:08E:0.02, h11km, 9km, n52, a1129/0, 2D, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AKH Akhalkalaki, AKH Akhalkalaki, AKH Akhalkalaki, BGD Bogdanovka, EPOS Posof, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BRNG Burnasheti, DIGO Digena, SENK Senkaya-Erzuru, DENI Denizli, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DBOC Borcka, BATM Batumi, BATM Batumi, BATM Batumi, BATM Batumi, etc.

Table with columns: MTEO Meteo, PANSHTI Pansheti, CLDR Caldiran, DDFL Defodlistskaro, BAYB BAYBART, BAYB Varto-Mus, LGD Lagodekhi, KGT Trabzon, YEDI Yedisu-Bingol, AKDM Akdamar-Van, KELT Kelkit, etc.

IDC 30 18:14:05.9, 7.6, 23:14S:178:11W, h622km, 89km, mb3.4/3, mb1 3.5/5, mb1mx3/0.24, mbtmp4.4/5, Error ellipse: s-maj=207.0km s-min=37.8km az=71.0

NEIC 30 18:14:08.4, 1.7, 23:4S:0:1:178:9W:0.2, h556km, 13km, mb4.1/22, Error ellipse: s-maj=25.9km s-min=19.7km az=100.0

ISC 30 18:14:08.9, 1.5, 23:5S:0:1:179:1W:0.2, h550km, n46, a1926/46, mb4.2/13, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RAO Raoul Island, MSVF Nonauva, MARC Mare, Loyalty, PINN Pines Island, etc.

TAP 30 18:20:00.4, 24:48N:122:42E, h16km, 1km, ML2.8, D

JMA 30 18:20:01.2, 24:45N:122:43E, h21km, 2km, ML2.2

ISC 30 18:20:00.8, 1.0, 24:49N:0:02:122:43E:0.02, h19km, 3km, n83, a064/149, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, YOJ Yonaguni jima, etc.

Table with columns: BRTR, Keskin Array B, 88.03 50 P, P, 18 41 56.5 +0.2, CTA, Charters Tower, 150.69 248 PKPbc, PKPbc, 18 48 57.9 -0.3, comp=Z, 0.4nm, 0.3s, baz=12, slow=4.5, SNR=4.0

RHSSO 30 18:33:46.4 ± 1.0, 44.03N, 16.46E, h3km, ML1.5/4, Northwestern Balkan Peninsula

VIE 30 18:33:51.4 ± 0.7, 45.01N, 14.81E, h14km, mb1.4/2, ml1.7/3, Error ellipse: s-maj=4.5km s-min=2.9km az=164.0 49 km SE of Rijeka

ISC 30 18:33:51.8 ± 1.1, 45.00N, 0.02x14.76E, 0.03, h7km, ±1km, n18, c081/32, Adriatic Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC, RAB, Rab, 0.25 177 Op, P, 18 33 56.4 -0.4, RAB, Rijeka, 0.38 329 Sg, S, 18 34 00.5 +0.4, RAB, Rijeka, 18 34 00.9 +0.5, RIV, Rijeka, 18 34 05.2 +0.9, NVLJ, Novalja, 0.44 170 Op, P, 18 33 59.7 -0.7, NVLJ, Novalja, 18 34 06.4 +0.3, BOUS, Bojanci, 0.61 34 I, P, 18 34 02.8 -0.8, BOUS, Bojanci, 18 34 11.8 +0.2, BOUS, Bojanci, 18 34 14.5, comp=Z, 7.9nm, 0.1s, BRUN, Brijuni, 0.72 263 Op, P, 18 34 05.8 +0.1, BRUN, Brijuni, 18 34 16.5 -0.4, SKDS, Skadanscina, 0.76 316 I, P, 18 34 05.3 -1.1, SKDS, Skadanscina, 18 34 17.4 +0.5, SKDS, Skadanscina, 18 34 18.2, comp=Z, 2.0nm, 0.1s, CEY, Cerknica, 0.78 342 I, P, 18 34 05.5 -1.3, CEY, Cerknica, 18 34 18.2 -0.2, CEY, Cerknica, 18 34 19.3, OZLJ, Ozalj, 0.79 39 Op, P, 18 34 07.0 -0.1, OZLJ, Ozalj, 18 34 17.8 -1.0, VISS, Visnj, 0.81 4 I, P, 18 34 06.5 -0.8, VISS, Visnj, 18 34 18.1 +0.3, VISS, Visnj, 18 34 20.5, comp=Z, 2.2nm, 0.1s, UDBI, Udbina, 0.85 123 Sg, S, 18 34 20.1 -0.5, CRES, Cresnevi, 0.96 30 I, P, 18 34 09.6 -0.7, CRES, Cresnevi, 18 34 23.2 -0.5, CRES, Cresnevi, 18 34 23.9, comp=Z, 3.2nm, 0.2s, PTJ, Puntijarka, 1.24 43 Op, P, 18 34 16.9 +1.2, PTJ, Puntijarka, 18 34 33.4 +0.7, MORI, Morici, 1.32 149 Sg, S, 18 33 53.0 +1.1, ZIRJ, Zirje, 1.49 154 Sg, S, 18 34 39.9 +0.3, ZIRJ, Zirje, 1.52 354 Op, P, 18 34 20.4 -0.5, OBKA, Obir, 18 34 42.3 +1.7, KALN, Kalnik, 1.64 46 Sn, S, 18 34 45.1 +0.5, SOKA, Soboth, 1.69 6 P, S, 18 34 23.5 -0.7, SOKA, Soboth, 18 34 45.9 -0.2, MYKA, Terra Mystica, 1.81 335 Op, P, 18 34 26.3 -0.2, MYKA, Terra Mystica, 18 34 51.6 +1.6

ISC 30 19:10:55.2 ± 0.8, 30.04S, 177.44W, h0km, mb4.2/8, mb1 4.3/10, mb1mx1.4/3, mbtpm4.1/10, ML4.2, Ms3.4/2, Ms1 3.4/2, ms1mx2.9/27, Error ellipse: s-maj=2.3km s-min=1.6km az=77.0

NEIC 30 19:11:00.4 ± 1.2, 29.92S, 0.10x177.7W, 0.1, h27km, 6km, mb4.3/14, Error ellipse: s-maj=16.7km s-min=14.1km az=70.0

ISC 30 19:11:00.5 ± 0.6, 30.06S, 0.06x177.7W, 0.1, h35km, n49, r131/43, mb4.4/12, Kermadec Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC, RAO, Raoul Island, 0.84 344 Pn, P, 19 11 15.5 -0.3, RAO, Raoul Island, 19 11 27.6 +0.8, RAO, Raoul Island, 19 11 14.6 -1.2, URZ, Urewera, 9.26 207 Pn, P, 19 13 12.4 +0.9, URZ, Urewera, 19 14 51.3 -3.1, NIUE, Niue, 12.99 34 Pn, P, 19 14 01.4 -1.2, THZ, Topouose, 19.35 211 Pn, P, 19 14 15.9 +0.2, RPZ, Rata Peaks, 16.33 210 Pn, P, 19 14 46.7 -0.4, DZM, Mont Dzumac, 16.34 295 Pn, P, 19 14 49.6 -0.4, DZM, Mont Dzumac, 19 19 26.2, ODZ, Otahua Downs, 17.58 208 Pn, P, 19 15 02.5 -0.1, ODZ, Otahua Downs, 19 15 08.7, WHZ, Wether Hill Ro, 19.41 212 P, P, 19 15 20.5 -3.1, WHZ, Wether Hill Ro, 19 15 27.8, SANVU, Saraoutou, 20.13 313 P, P, 19 15 29.0 -2.6, SANVU, Saraoutou, 19 15 46.4, CTA, Charters Tower, 34.05 278 P, P, 19 17 43.6 +2.0, CTA, Charters Tower, 19 17 40.0 -1.5, STKA, Stephens Creek, 34.85 256 P, P, 19 17 50.9 +2.5, STKA, Stephens Creek, 19 29 14.4, STKA, Stephens Creek, 34.85 256 P, P, 19 17 48.5 +0.1, BBOO, Bucklebeek, 39.35 254 P, P, 19 18 26.7 +0.1, BBOO, Bucklebeek, 19 18 35.2, AS31, Alice Springs, 43.43 266 P, P, 19 19 00.8 +0.6, ASAR, Alice Springs, 43.43 266 P, P, 19 19 01.1 +0.9, ASAR, Alice Springs, 19 20 47.5 -0.7, ASAR, Alice Springs, 43.43 266 P, P, 19 18 60.0 -0.3, WRR, Warramunga Arr, 44.21 272 P, P, 19 19 07.0 +0.5, WRR, Warramunga Arr, 19 19 08.7, WB2, Warramunga Arr, 44.38 272 P, P, 19 19 08.1 +0.3, WB2, Warramunga Arr, 19 19 09.9, WRA, Warramunga Arr, 44.39 272 P, P, 19 19 08.0 +0.1, WRA, Warramunga Arr, 19 20 54.8 +3.0, WRA, Warramunga Arr, 44.39 272 P, P, 19 19 08.0 +0.1, SBA, Scott Base, 48.40 184 P, P, 19 19 12.5 +1.9, SBA, Scott Base, 19 19 48.8

Table with columns: VVDA, Vanda, 48.47 186 P, P, 19 19 37.6 -1.5, KNRA, Kunmura, 50.78 274 P, P, 19 21 57.9 -1.1, GSPA, South Pole Qui, 60.05 180 P, P, 19 22 45.3 +1.6, MAW, Mawson, 75.20 200 P, P, 19 22 57.7 +1.1, SNA, Snares, 78.49 178 P, P, 19 23 05.7 +8.1, VNA3, Neumayer Olymp, 78.63 176 P, P, 19 23 06.9 +8.6, VNA2, Neumayer-Watz, 79.06 177 P, P, 19 23 08.7 +8.0, VNA1, Neumayer-Stat, 79.29 176 P, P, 19 23 09.9 +8.0, H03S2, Juan Fernandez, 80.41 123 T, T, 20 52 44.9, H03S1, Juan Fernandez, 80.41 123 T, T, 20 52 49.2, H03S3, Juan Fernandez, 80.42 123 T, T, 20 52 44.5, PETK, Petropavlovsk, 85.56 345 P, P, 19 23 35.1 +0.5, WNA, Mina Array Bea, 87.78 43 P, P, 19 23 47.2 +1.1, H10N3, ASCENSION HYDR88, 99 154 T, T, 22 06 35.0, H10N1, ASCENSION HYDR89, 99 154 T, T, 22 06 49.6, H10N2, ASCENSION HYDR90, 99 154 T, T, 22 06 36.4, FINES, FINES Array B, 144.93 340 PKP, PKPab, 19 30 31.9 -0.6, FINES, FINES Array B, 144.93 340 PKP, PKPab, 19 30 32.1 -0.3, KBZ, Khabaz, 145.17 304 PKPbc, PKPpdf, 19 30 34.2 +0.1, NB2, NORSTAR Subarray, 148.46 352 PKP, PKPbc, 19 30 42.1 -0.7, NOA, NORSTAR Array B, 148.46 352 PKPbc, PKPbc, 19 30 42.4 -0.4, AKASO, Akaroa, 151.21 323 PKPbc, PKPbc, 19 30 49.2 -0.6, BRTR, Keskin Array B, 152.70 299 PKPbc, PKPbc, 19 30 53.1 -0.6, GELL, Gellibrault, 157.33 342 I, PKPab, PKPab, 19 31 23.1 -0.5, CRES, GRESS Array B, 159.33 338 PKPab, PKPab, 19 31 32.9 +0.3, TORD, Torodi Arr, 163.16 178 PKPab, PKPab, 19 31 50.5 +0.7, comp=Z, 0.3nm, 0.5s, baz=62, slow=6.8, SNR=5.0, comp=Z, 0.3nm, 0.6s, baz=196, slow=3.1, SNR=1.9

ISC 30 19:12:33.1 ± 2.0, 2.63N, 127.53E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.3/38, mbtpm3.5/3, MS3.0/1, Ms1 3.0/1, ms1mx2.5/22, Error ellipse: s-maj=134.5km s-min=25.2km az=67.0, Northern Molouca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC, WRA, Warramunga Arr, 23.41 164 Op, P, 19 17 44.3 +0.4, ASAR, Alice Springs, 26.87 167 P, P, 19 18 15.4 -0.4, JCJ, Chichijima, 28.08 29 LR, LR, 19 29 04.9, MKAR, Makranai Arr, 58.90 325 P, P, 19 22 34.0 0.0, comp=Z, 0.5s, baz=110, slow=5.8, SNR=6.6

ISC 30 19:17:40.6 ± 1.5, 28.53N, 140.49E, h426km, 65km, mb2.5/2, mb1 2.7/4, mb1mx2.4/38, mbtpm3.3/4, Error ellipse: s-maj=250.6km s-min=27.0km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC, JCJ, Chichijima, 2.07 133 Op, P, 19 18 40.0 +0.6, JCJ, Chichijima, 8.9m, 0.3s, baz=346, slow=12, SNR=31, 32m, 0.3s, baz=269, slow=22, SNR=28, MJAR, Matsushiro Arr, 8.22 347 P, P, 19 19 37.8 -0.2, WRA, Warramunga Arr, 48.55 188 P, P, 19 25 43.2 -0.2, ASAR, Alice Springs, 52.28 188 P, P, 19 26 10.8 -0.1, comp=Z, 0.1nm, 0.4s, baz=358, slow=5.1, SNR=4.4

DJA 30 19:36:10.7 ± 0.5, 10.5°S, 10.8°E, h10km, M4.4/13, mb4.7/11, MLV4.3/13

ISC 30 19:36:10.3 ± 2.1, 10.04S, 108.29E, h0km, mb3.6/6, mb1 3.8/6, mb1mx3.5/32, mbtpm3.6/6, Error ellipse: s-maj=122.7km s-min=21.0km az=53.0

ISC 30 19:36:14.1 ± 0.9, 10.06S, 0.09x108.43E, 0.06, h25km, n20, r164/25, mb3.6/6, South of Java

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC, CISI, Cismpet, Garu, 2.56 346 Pn, Pn, 19 36 53.2 -0.9, KPJI, Karang Pucung, 2.75 10 P, P, 19 36 58.2 +1.5, YOGI, Yogyakarta, 2.89 40 P, P, 19 36 58.9 +0.3, UGM, Wyanagata, 2.97 44 P, P, 19 36 59.8 +0.1, UGM, Wyanagata, 19 37 31.1 -3.5, CNJI, Cibinong, 3.02 335 P, P, 19 36 59.3 -1.1, CTJI, Waduk Cacaban, 3.12 14 P, P, 19 37 03.7 +1.9, CTJI, Waduk Cacaban, 19 37 38.9 +0.6, PCJI, Pacitan, 3.28 56 P, P, 19 37 02.7 -1.3, LEM, Lembar, 3.31 346 P, P, 19 37 06.4 +1.9, SKJI, Sukabumi, 3.55 328 P, P, 19 37 06.9 -0.8, SMRI, Semarang, 3.59 34 P, P, 19 37 10.2 +0.2, SMRI, Semarang, 19 37 51.6 +1.7, PWJI, Pagerwojo, 3.90 59 P, P, 19 37 13.0 +0.5, PWJI, Pagerwojo, 19 37 53.5 -0.4, SJJ, Sawahan, 4.02 55 P, P, 19 37 15.5 +1.2, LWLI, Liwa, 6.62 319 P, P, 19 37 50.4 +0.4, WRA, Warramunga Arr, 26.85 114 P, P, 19 41 53.4 +0.4, ASAR, Alice Springs, 27.82 122 P, P, 19 42 03.8 +2.1, comp=Z, 0.3nm, 0.6s, baz=297, slow=7.7, SNR=2.5, PCP, 0.4nm, 0.6s, baz=298, slow=2.0, SNR=5.3, CMAR, Chiang Mai Arr, 29.84 342 P, P, 19 42 17.9 -1.7, STKA, Stephens Creek, 37.58 190 P, P, 19 43 27.3 +0.6, SONM, Songino Array, 57.66 358 P, P, 19 46 02.8 +0.4, MKAR, Makranai Arr, 61.23 358 P, P, 19 46 27.0 +0.1, TXAR, Lajitas Arr, 144.40 53 PKP, PKPpdf, 19 55 48.9 -0.1, comp=Z, 0.4nm, 0.7s, baz=11, slow=2.6, SNR=6.2

WEL 30 19:52:00, 40.65S, 175.74E, h17km, ML4.3, Mw4.1, Moment Tensor Solution, 64 Moment tensor, Scale 1015 Nnt: Mw=0.36; Ms=1.56; Mw=1.20; Mw=0.29; Ms=0.18; Ms=0.82; Fault plane solution: M1: 6.700000, 1015 NP1: 0.127, 0.00000, 876, 0.00000; A: -16, 0.00000; NP2: 0.225, 0.00000; 876, 0.00000; A: -149, 0.00000; Principal axes: T: 163.3700, Plg1: 11.0000, Azm353.0000; N: 6.5100, Plg56.0000; Azm2: 446.0000; P: -169.8800, Plg32.0000; Azm90.0000;

ISC 30 19:52:38.1 ± 0.9, 40.63S, 175.82E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.8/29, mbtpm3.9/5, ML3.5/1 Error ellipse: s-maj=27.1km s-min=24.8km az=91.0

WEL 30 19:52:40.9 ± 0.1, 41.5°S, 176.1°E, h8km, mb4.3/9, mb1.4/9, MLV4.3/9, Error ellipse: s-maj=0.0km s-min=0.0km az=158.0

NOU 30 19:52:41.5 ± 0.8, 88S, 175.89E, h8km, ML4.2/6, North Island, New Zealand

NEIC 30 19:52:42.3 ± 1.0, 40.80S, 0.05x176.0E, 0.1, h35km, 2km, mb4.1/9, Error ellipse: s-maj=14.5km s-min=7.2km az=115.0

ISC 30 19:52:40.4 ± 0.7, 40.69S, 0.02x175.85E, 0.02, h18km, 3km, n166, s180/176, mb4.0/8, North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC, TIWZ, Tintock, 0.09 164 Op, P, 19 52 44.8 +0.8, TIWZ, Tintock, 19 52 47.8 +1.4, PRWZ, Porri Road, 0.16 33 P, S, 19 52 45.6 +0.9, PRWZ, Porri Road, 19 52 49.3 +1.7, MRZ, Mangatainoka R, 0.21 278 S, S, 19 52 44.7 -0.8, MRZ, Mangatainoka R, 19 52 47.3 -1.4, BFZ, Birch Farm, 0.30 88 P, P, 19 52 48.8 +1.6

Table with columns: BFZ, Birch Farm, 0.30 88 P, P, 19 52 48.8 +1.6, BFZ, Birch Farm, 19 52 53.9 +2.0, POWZ, Post Office Ro, 0.31 348 P, S, 19 52 47.0 0.0, POWZ, Post Office Ro, 19 52 51.7 +0.2, POWZ, Holdsworth Sta, 0.33 231 P, S, 19 52 47.4 0.0, POWZ, Holdsworth Sta, 19 52 53.9 +0.0, CPWZ, Castlepoint, 0.34 130 P, S, 19 52 50.6 +0.1, CPWZ, Castlepoint, 19 52 59.2 +2.2, TMWZ, Te Maipa, 0.42 176 P, S, 19 52 50.8 +1.5, TMWZ, Te Maipa, 19 52 58.3 -0.6, DVHZ, Dannevirke, 0.46 31 P, S, 19 52 50.4 +0.4, DVHZ, Dannevirke, 19 52 58.9 +0.5, DVHZ, Dannevirke, 0.53 64 P, P, 19 52 50.6 -0.4, DVHZ, Dannevirke, 19 52 57.1 -1.2, DVHZ, Dannevirke, 19 52 51.9 +0.7, OHWZ, Ohakea, 0.64 320 P, P, 19 52 53.2 +0.3, OHWZ, Ohakea, 19 52 53.1 +0.6, TRWZ, Travelers Road, 0.62 130 P, P, 19 52 53.5 +0.6, CAW, Cannon Point, 0.73 235 P, P, 19 52 54.4 -0.3, KIWI, Kapiti Island, 0.74 256 P, P, 19 52 54.4 -0.5, PAWZ, Paruru Farm, 0.76 205 P, P, 19 52 56.1 +0.9, PAWZ, Paruru Farm, 19 52 56.9 +0.5, PNWZ, Pukenui, 0.82 19 P, P, 19 52 56.9 +0.5, MSWZ, Moikau Station, 0.86 212 Pn, Pn, 19 52 57.5 +0.4, MSWZ, Moikau Station, 19 52 55.4 +0.4, PLWZ, Palliser, 0.99 207 Pn, Pn, 19 52 59.5 +0.4, PLWZ, Palliser, 19 52 59.4 +0.4, WFL, Wellington, 1.01 232 P, P, 19 52 00.8 +1.1, PKZ, Pukarua, 1.02 50 P, P, 19 52 59.8 0.0, BHW, Baring Head, 1.03 226 Pn, Pn, 19 52 59.8 0.0, BHW, Baring Head, 19 52 59.8 0.0, SNZ, South Karori, 1.07 234 Pn, Pn, 19 53 00.3 0.0, KRHZ, Kereru, 1.12 21 P, P, 19 53 02.3 +0.2, WNZ, Wanganui, 1.15 353 P, P, 19 53 02.9 +0.2, KAHZ, Kahurangi, 1.19 41 P, P, 19 53 03.6 +0.2, BHHZ, Black Hill Sta, 1.21 8 P, P, 19 53 03.3 -0.5, MOWZ, Moawhanga, 1.28 357 P, P, 19 53 04.5 +0.4, TCW, Tory Channel, 1.30 246 P, P, 19 53 04.2 +0.5, MTWZ, Mangateitei, 1.34 347 P, P, 19 53 05.7 -0.5, FWHZ, Forest Hill, 1.34 19 P, P, 19 53 07.9 +0.2, WNWZ, Wahianoa, 1.38 352 P, P, 19 53 06.2 +0.5, CAZ, Cape Kidnapper, 1.39 43 P, P, 19 53 06.0 -1.3, MCHZ, McNeill Hill, 1.40 28 P, P, 19 53 06.7 -0.8, TRVZ, Turoa, 1.41 350 P, P, 19 53 07.1 -0.6, WHVZ, Whangaehu Hut, 1.42 352 P, P, 19 53 07.0 +0.5, TRVZ, Turoa, 1.55 353 P, P, 19 53 07.6 +0.2, DRZ, Dome Shelter, 1.43 351 P, P, 19 53 07.4 -0.6, FWVZ, Far West T-bar, 1.45 351 P, P, 19 53 07.5 +0.4, PKVZ, Pokaka, 1.45 344 P, P, 19 53 07.5 +0.6, DUWZ, D'Urville Is, 1.47 265 P, P, 19 53 07.2 +1.1, NGWZ, North Ngauruho, 1.51 354 P, P, 19 53 08.5 +0.4, NGWZ, North Ngauruho, 1.53 353 P, P, 19 53 08.7 +0.5, OTVZ, Otutere, 1.53 355 P, P, 19 53 08.8 +0.4, ETVZ, East Tongariro, 1.56 356 P, P, 19 53 09.2 +0.4, NNWZ, North Ngauruho, 1.57 353 P, P, 19 53 09.5 +0.5, TMVZ, Te Maari, 1.56 356 P, P, 19 53 09.5 +0.4, WTVZ, West Tongariro, 1.57 353 P, P, 19 53 09.5 +0.4, NTVZ, North Tongariro, 1.60 355 P, P, 19 53 09.8 +0.3, BKZ, Black Stump Fm, 1.60 18 Pn, Pn, 19 53 09.1 -0.4, BKZ, Black Stump Fm, 1.60 18 Pn, Pn, 19 53 09.0 -0.4, KRVZ, Karewarewa, 1.60 354 P, P, 19 53 10.1 +0.6, TUVZ, Tuamarua, 1.62 242 Pn, Pn, 19 53 08.2 +0.9, TUVZ, Tuamarua, 1.62 242 Pn, Pn, 19 53 08.0 0.0, CMWZ, Cape Campbell, 1.63 229 Pn, Pn, 19 53 09.5 +1.3, CMWZ, Cape Campbell, 1.63 229 Pn, Pn, 19 53 10.4 +0.5, LREZ, Lake Rotokare, 1.66 317 P, P, 19 53 11.3 +0.9, ARHZ, Aroaroapanui, 1.67 32 P, P, 19 53 10.3 -0.4, RUIZ, Rukia Road No, 1.71 7 P, P, 19 53 11.6 +0.4, KATZ, Kakaramea, 1.72 356 P, P, 19 53 12.1 +0.6, NMHZ, Naumai, 1.75 25 P, P, 19 53 11.9 -0.1, VRZ, Vera Road, 1.78 331 P, P, 19 53 12.3 -0.1, HATZ, Hinemairia, 1.81 6 P, P, 19 53 12.5 -0.5, BSWZ, Blackbirch Sta, 1.81 235 Pn, Pn, 19 53 11.1 +0.4, BSWZ, Blackbirch Sta, 1.81 235 Pn, Pn, 19 53 12.9 -0.4, RATZ, Rangitukia, 1.82 358 P, P, 19 53 12.9 -0.4, PREZ, Palmer Road, 1.87 315 P, P, 19 53 13.0 +0.2, MRHZ, Matea Rd, 1.91 13 P, P, 19 53 13.2 +1.2, WHVZ, Waihua, 1.93 34 P, P, 19 53 14.0 -1.0, NNZ, Nelson, 1.95 354 Pn, Pn, 19 53 13.5 +1.0, NNZ, Nelson, 1.95 258 Pn, Pn, 19 53 14.8 +0.2, NEZ, North Egmont, 1.96 316 P, P, 19 53 15.8 +0.2, DREZ, Durham Road, 1.97 319 P, P, 19 53 16.0 +0.3, NMEZ, Namu Road, 1.98 309 P, P, 19 53 16.4 +0.5, WATZ, Wairara, 1.98 357 P, P, 19 53 14.7 +1.6, KATZ, Kaitiaki, 1.99 357 P, P, 19 53 16.3 +0.4, MTHZ, Maungataniwha, 1.99 23 Pn, Pn, 19 53 14.2 +1.0, MHEZ, Mangahewa, 2.00 323 P, P, 19 53 16.8 +0.6, RAHZ, Aarahi, 2.01 29 P, P, 19 53 14.7 -1.7, WHTZ, Whakaroa, 2.02 2 P, P, 19 53 15.8 -0.9, PKE, Pukekete, 2.07 316 P, P, 19 53 17.7 +0.2, PHVZ, Pukia Road No, 2.08 12 P, P, 19 53 17.8 +0.2, ALRZ, Allen Road, 2.16 10 P, P, 19 53 17.2 -1.8, KNZ, Kokohu, 2.18 41 P, P, 19 53 15.9 +0.2, WPRZ, Whakapapatarin, 2.18 6 P, P, 19 53 17.4 +1.6, KUTZ, Kaahu Road, 2.20 359 P, P, 19 53 17.7 +1.7, MHGZ, Mt Hikurangi, 2.20 46 P, P, 19 53 16.5 +0.3, SNGZ, Shannon Station, 2.23 31 P, P, 19 53 17.2 -0.7, PRRZ, Plateau Road, 2.23 11 P, P, 19 53 19.9 -0.3, RTZ, Ruatuhuna, 2.25 23 Pn, Pn, 19 53 17.6 +0.8, HIZ, Hauiti, 2.31 340 Pn, Pn, 19 53 19.7 +2.1, HIZ, Hauiti, 2.31 340 Pn, Pn, 19 53 19.9 +2.4, SKGZ, Skaikoa, 2.32 35 P, P, 19 53 18.9 +0.2, HRRZ, Handcock Road, 2.32 8 P, P, 19 53 19.3 +1.5, GRRZ, Galatos Road, 2.35 5 P, P, 19 53 20.1 +2.0, PRGZ, Paritu Road, 2.36 42 P, P, 19 53 18.3 +0.0, TLZ, Tolley Road, 2.37 354 P, P, 19 53 21.0 -1.6, HSRZ, Hossack Road, 2.40 12 P, P, 19 53 20.1 +1.3, HSRZ, Hossack Road, 2.40 12 P, P, 19 53 20.1 +1.3, KHZ, Kahutara, 2.45 224 P, P, 19 53 18.6 -0.8, HLHZ, Highlands Sta, 2.47 9 P, P, 19 53 25.0 +0.7, THZ, Topouose, 2.47 243 P, P, 19 53 19.7 -0.1, RIGZ, Rimuhau, 2.47 37 P, P, 19 53 20.2 +0.4, RAGZ, Rawin, 2.50 26 P, P, 19 53 20.4 +0.5, TABZ, Tahurangi Tarawera, 2.52 6 P, P, 19 53 21.0 1.0, URZ, Utuhina, 2.52 6 P, P, 19 53 28.0 -0.8, ORZ, Quartz Range, 2.53 266 P, P, 19 53 21.4 +0.8, QMRZ, Omatia, 2.61 9 P, P, 19 53 26.9 +0.1, URZ, Urewera, 2.62 22 Pn, Pn, 19 53 25.5 -0.2, URZ, Urewera, 2.62 22 Pn, Pn, 19 53 25.8 -0.2, comp=Z, 28nm, 0.3s, baz=259, slow=7.4, SNR=8.3, URZ, Urewera, 2.62 22 Pn, Pn, 19 53 21.5 -0.2, MWZ, Matawai, 2.69 29 P, P, 19 53 22.5 -0.2, KHZ, Kahurangi, 2.73 35 P, P, 19 53 23.5 +0.3, KMRZ, Kaimai, 2.84 1 P, P, 19 53 30.3 -0.3, OPRZ, Ohinepae, 2.89 11 P, P, 19 53 28.6 -2.9, WHRZ, Whale Island, 2.96 17 P, P, 19 53 30.4 -2.3, TOZ, Tahuroa Road, 2.97 355 P, P, 19

Table with columns: BO02, Sierra Bellavi, 0.81, 81, i/P, Pn, 22 46 42.0, -0.3, 22 46 53.5, +0.1, 22 46 54.2. Includes various station codes and names like Sierra Bellavi, Panimavida, Popeta, etc.

Table with columns: KARP, KARP, S, Sn, 22 52 30.8, +0.2, 22 52 30.9. Includes various station codes and names like KARP, Karpathos, Nisyros Isl., etc.

Table with columns: KSRS, Korea Array, 4.13, 233, P, P, 22 55 35.4, -0.6. Includes various station codes and names like Korea Array, USSuriysk Arr., etc.

1523

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELL, YHNB, MLR, FIA1, FINES, etc.

TUL 31 01:04:03.2±1.6, 35.75N±0.01±97.36W±0.03, h5km, 6km, ML3.0, mb_Lg3.0, 0.96(NEIC), Error ellipse: s-maj=3.3km s-min=1.8km az=101.0

NEIC 31 01:04:03.5±1.1, 35.76N±0.01±97.37W±0.03, h5km, 6km, Error ellipse: s-maj=3.4km s-min=1.8km az=101.0, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OK029, OK029, OK005, etc.

2015 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WHTX, S39A, X40A, etc.

UCR 31 01:10:08.1±1.9, 9.20N-85.57W, h18km±5km, MW3.6, Off coast of Costa Rica

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

IDC 31 01:15:25.4±2.0, 21.23S±179.25W, h626km±21km, mb2.8/5, mb1 3.2/6, mb1mx2/9.32, mbtmp3.9/6, Error ellipse: s-maj=29.8km s-min=21.4km az=136.0

ISC 31 01:15:27.3±1.0, 21.12S±179.50W±0.2, h650km±n9, ±1948/10, mb3.1/5, Fiji Islands region

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

KRNET 31 01:25:00.3±0.1, 40.88N±69.19E, mb2.7, ISC 31 01:25:02.5±2.4, 40.90N±69.69E±0.1, h35km, n6, ±055/11, 8-C-3P, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GAR, GAR, KK31, MNAS, etc.

IDC 31 01:27:34.9±0.8, 31.02S±177.67W, h0km, mb4.2/10, mb1 4.4/10, mb1mx4.2/29, mbtmp4.2/10, MS3.9/17, Ms1 3.9/17, ms1mx3.8/29, Error ellipse: s-maj=27.6km s-min=18.3km az=101.0

NEIC 31 01:27:36.8±2.4, 31.10S±177.51W±0.09, h10km±1km, mb4.6/18, Error ellipse: s-maj=15.7km s-min=8.5km az=311.0

ISC 31 01:27:36.0±0.6, 31.08S±177.6W±0.1, h10km±n82, ±2903/72, mb4.5/20, MS3.9/17, 2C, Kermadec Islands region

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

31d 1h

Table with columns: KDKA, comp-Z, 12nm, 0.8s, 46.46, 45, P, P, 02 01 18.9 +0.5, etc.

2015 AUG

Table with columns: K27K, Chicken, 49.90, 35, P, P, 02 01 45.5 +1.2, etc.

1526

Table with columns: NEW, comp-Z, 5.0nm, 0.7s, 69.52, 43, P, pmax, 02 03 58.5 +1.6, etc.

31d 3h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Urewera, Birch Farm, Nonsavu, etc.

MAN 31 03:00:59.2, 13:44N-120:66E, h2km, mb4.3, ML3.1, MS2.8, 2C-1D, Mindoro

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

IDC 31 03:03:46.0, 18.0, 37.79N-21.18E, h0km, mb3.8/2, mb1 3.6/3, mb1mx3.3/36, mbtmp3.6/3, ML2.8/1, MS2.9/1, Ms1 2.9/1, ms1mx2.3/51, Error ellipse: s-maj=424.0km, s-min=95.8km az=13.0

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

2015 AUG

THE 31 03:04:02.2, 38:25N-22:18E, h60km, 1km, ML2.9/21, Error ellipse: s-maj=1.7km s-min=0.9km az=333.0

ISC 31 03:04:02.3:1.0, 38.26N-02:22:18E:0.03, h57km, 5km, n87, 0.98N/125, Greece

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Alik, Aigiali, Trizonia, etc.

AMT 31 03:04:01.4, 38:24N-22:22E, h59km, 1km, ML2.8/12, Error ellipse: s-maj=1.9km s-min=0.9km az=306.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Artemida-Makis, Lithika, etc.

ATH 31 03:04:01.9, 38:27N-22:38E, h20km, ML3.0/5, IASPEI 31 03:04:02.8:1.3, 38:25N-0:03:22:19E:0.03, h56km, 6km, Error ellipse: s-maj=3.9km s-min=3.6km az=52.0, G75 selection from IASPEI selection criteria Bondr and McLughlin (2009) selection criteria Bondr and McLughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, 80, 465-472, 2009

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

1528

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Pessada-Kefalo, Fiskardo, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Athens University, Kikotos Trika, etc.

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

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

NEIC 31 03:14:07.5:2.9, 33:09S:0:04:69:44W:0:03, h10km, 1km, mb4.1/7, Md3.4(SJA), ML3.4(GUC), Error ellipse: s-maj=7.5km s-min=3.7km az=333.0

GUC 31 03:14:07.2:0.7, 33:02S:69:54W, h10km, 5km, ML3.4, ISC 31 03:14:05.3:1.4, 33:06S-0:03:69:46W:0.05, h1km, 10km, n39, r125/54, mb4.2/5, 4C-3D, Chile-Argentina border region

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

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

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

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

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

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

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

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

IDC 31 03:14:56.9, 36:29N-72:12E, h123km, 53km, mb1 3.6/6, mb1mx3.1/52, mbtmp4.1/6, Error ellipse: s-maj=135.4km, s-min=30.5km az=157.0

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

ISC 31 03:15:01.3:0.9, 37:13N:0:07:71:65E:0:07, h150km, n29, r198/37, 4C-3D, Afghanistan-Tajikistan border region

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

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MRKS Merke, EKS2 Erkin-Say, AAK Ala-Archa, etc.

IDC 31 03:38:48.7±2.5, 11:57S±166.73E, h223km±22km, mb3.7/15, mb1.3/9.16, mb1mx3.7/33, mb1mp4.2/16, Error ellipse: s-maj=20.0km s-min=12.9km az=105.0, NEIC 31 03:38:49.6±1.1, 11:55S±166.8E±0.1, h230km±7km, mb4.2/4.0, Error ellipse: s-maj=20.9km s-min=13.2km az=90.9

ISC 31 03:38:50.6±0.5, 11:16S±166.8E±0.1, h242km±n83, az=072/91, mb4.2/38, Santa Rosa Islands

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SANVU Sarautouu, LIFNC LIFOU, MARNC Mare, Loyalty, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like USRKR Ussuriysk Ar., KIWB Kanaga Island, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KSRS Kuroka, JGF Kuroka, MAJO Matsushiro, etc.

31d 5h

ML2.9, mb_Lg2.750(NEIC), Error ellipse: s-maj=2.3km s-min=1.9km az=170.0 ANF 31 03:55:45.9, 0.3, 36.79N, 98.29W, h3km, ML3.2/11, Error ellipse: s-maj=3.6km s-min=3.3km az=140.0 NEIC 31 03:55:46.2, 0.9, 36.78N, 02:98:30W, 0.2, h5km, 2km, Error ellipse: s-maj=3.4km s-min=3.0km az=116.0 ISC 31 03:55:46.0, 0.9, 36.79N, 02:98:29W, 0.02, h17km, 7km, n71, 0556/73, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Salt Plains WL, Manchester OK, Grant County #, etc.

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Table with columns: WHAR, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Washetta, Mont, White Oak Lake, etc.

IDC 31 04:16:04.0, 1.3, 47.27N, 147.24E, h359km, 15km, mb3.4/19, mb1.3, 5/24, mb1mx3.5/24, mbtmp3.1/24, Error ellipse: s-maj=16.4km s-min=10.6km az=172.0 JMA 31 04:16:05.1, 0.5, 46.49N, 147.33E, h385km, M3.8 ISC 31 04:16:04.0, 4.0, 47.4653N, 108.14739E, 0.09, h400km, n44, 0196/50, mb3.6/20, Northwest of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Rausu, Nemuro 2, Abashiri-Toko, etc.

IDC 31 04:24:45.9, 3.5, 5.98S, 149.98E, h0km, mb3.6/2, mb1.4/0.2, mb1mx3.5/24, mbtmp3.7/2, Error ellipse: s-maj=130.9km s-min=45.7km az=116.0, New Britain region

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

1530

Table with columns: KZRT, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Kazreti, Lac, Dmanisi, etc.

NIC 31 04:54:00.8, 0.0, 35.59N, 31.29E, h10km, 4km, ML3.3/3 ISK 31 04:54:03.9, 35.66N, 31.42E, h32km, ML3.1/22 ISC 31 04:54:02.6, 1.4, 35.59N, 04:31.33E, 0.03, h28km, 15km, n35, 0586/42, Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Akamas, 4.2nm, 0.3s, 4.2nm, 0.3s, etc.

IDC 31 04:55:59.0, 6.6, 5.62S, 146.50E, h236km, 67km, mb3.2/6, mb1.3/4.9, mb1mx3.3/4, mbtmp3.9/8, Error ellipse: s-maj=5.5km s-min=2.4km az=99.0 ISC 31 04:56:00.5, 1.1, 5.65S, 0.1, 146.5E, 0.3, h250km, n9, 0556/9, mb3.5/6, Eastern New Guinea region

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

IDC 31 05:04:34.8, 0.6, 52.82N, 160.71E, h0km, mb4.0/21, mb1.4, 3/25, mb1mx4.1/52, mbtmp4.0/25, ML4.2/4, MS3.5/17, Ms1.3, 5/17, ms1mx3.3/47, Error ellipse: s-maj=15.3km s-min=12.0km az=166.0

KRSC 31 05:04:35.2, 5.2, 52.61N, 160.99E, h41km, 20km, ML4.6 MOS 31 05:04:36.7, 1.2, 52.61N, 160.96E, h28km, mb4.7/21, Error ellipse: s-maj=6.1km s-min=3.9km az=97.4 BUI 31 05:04:36.2, 0.0, 52.98N, 160.77E, h13km, mbA.9/16, mb4.4/24, Ms4.2/8, Ms7.3/8.8

NEIC 31 05:04:38.1, 6.52, 9N, 0.1, 160.83E, 0.09, h22km, 5km, mb4.5/77, Error ellipse: s-maj=14.7km s-min=8.0km az=178.0 ISC 31 05:04:37.0, 1.0, 52.83N, 0.04, 160.91E, 0.03, h15km, 6km, n275, 0192/284, mb4.5/78, MS3.5/18, 3C, 3D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Mys Shipunski, Nalytchevo, Sedlovina, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PET, KRER, KOK, KRX, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MJAR, MJAR, MJAR, JGF, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BEKR, FCC, FCC, ARCES, etc.

31d 6h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NRJ, USRK, NVAR, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MNK, AKAG, SUW, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MNTX, 435B, ABTX, etc.

1535

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PKCU Pink Cliffs, PV14 Lion Creek, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PLCA Paso Flores, PLCA Paso Flores, etc.

IDC 31 06:56:25.6, 2.1, 2.72S, 126.26E, h0km, mb3 2/2, mb1 3.4/3, mb1mx3.2/39, mb1mx3.2/3, ML3.2/1, Error ellipse: s-maj=169.2km s-min=28.7km az=65.0, Ceram Sea

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

NEIC 31 07:02:00.8, 1.3, 2.07, 135.0, 0.02, 7.0, 18W, 0.06, h47km, 5km, Error ellipse: s-maj=8.3km s-min=3.2km az=97.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TA02 Huaiquique, TA02 Huaiquique, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, etc.

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

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PB11 IPOC Station P, PB11 IPOC Station P, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PB08 IPOC Station P, PB08 IPOC Station P, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AP01 Chacalluta, AP01 Chacalluta, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PB04 IPOC Station P, PB04 IPOC Station P, etc.

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

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AF01 San Pedro de A, AF01 San Pedro de A, etc.

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

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like T60A Surry, T60A Surry, etc.

31d 7h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TNOU baz=321, TWC Suao, etc.

TAP 31 07:05:57.1, 2.488N, 122.02E, h7km, ML2.6, B JMA 31 07:05:58.4, 0.3, 2.4, 83N, 121.99E, h27km

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TWB1 Santiao Chiao, TWB1 Santiao Chiao, etc.

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

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TWP1 Wu-fen Shan, TWP1 Wu-fen Shan, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NSK Sanguang, NNS Nan Shan, NACB Ninganchiao, etc.

IDC 31 07:06:11.5,3.5,36.41N,71.25E, h162km, 32km, mb3.1/6, m1 3.2/11, mb1mx3.1/41, mbtmp3.7/11, Error ellipse: s-maj=28.5km s-min=20.2km az=15.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KSH Kashi, AAK Ala-Archa, KK31 Karatay Array, etc.

TAP 31 07:06:38.5,24.86N,122.02E, h5km, ML2.6, C JMA 31 07:06:39.4,0.2,24.84N,121.99E, h28km

ISC 31 07:06:38.8,1.0,24.86N,122.02E, h13km, 7km, n28, c059/34, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TWB1 Santiao Chiao, NTC Toucheng, TWE Neicheng, etc.

TAP 31 07:08:13.5,24.92N,122.05E, h17km, ML2.5, C JMA 31 07:08:13.8,0.2,24.94N,121.99E, h24km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TWB1 Santiao Chiao, NTC Toucheng, TWE Neicheng, etc.

MAN 31 07:17:37.0, 13.65N, 120.91E, h2km, mb4.7, ML3.6, MS3.4, 1C, Mindoro

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

NNC 31 07:24:17.8,0.4,50.03N,78.82E, h0km, mb3.3, mpv2.8, Error ellipse: s-maj=7.5km s-min=2.1km az=73.0

ISC 31 07:24:17.5,0.8,50.12N,0.04,78.76E, h0km, n19, c173/37,21C-4D, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KUR07 Kurchatov Arra, NDC Datong Townshi, etc.

Table with columns: CUR, Chagan-Uzun, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, etc.

RSPR 31 07:58:19.5, 18.74N, 68.40W, h118km, 4km, MD3.6/11 NEIC 31 07:58:20.7, 2.0, 18.71N, 0.3, 68.38W, 0.07, h102km, 14km

OSPL 31 07:58:19.0, 1.3, 18.52N, 0.09, 68.42W, 0.03, h121km, 9km, n49, c136/53, 13C, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PCDR Punta Cana, DR, IDE Isla Deseecho, etc.

IGPR InterUniversit, IGPR InterUniversit, HUMP Col San Antoni, HUMP Col San Antoni

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LOBA2 Hotel Casa Bon, SDDR Presa de Saban, etc.

CUPR Culebra, Puert, CUPR Culebra, Puert, LOPEZ Hotel El Peder, LOPEZ Hotel El Peder

STVI Saint Thomas, STVI Saint Thomas, STVI Saint Thomas, STVI Saint Thomas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like VGBI Virgin Gorda, VGBI Virgin Gorda, etc.

IDC 31 08:07:30.4,2.1, 10.43S, 126.29E, h0km, mb3.4/1, mb1 4.3/3, mb1mx3.7/4, mbtmp3.7/4, ML4.2/2, MS3.5/1

Ms1 3.5/1, ms1mx2.8/18, Error ellipse: s-maj=192.0km s-min=33.2km az=67.0, Timor Sea

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

IDC 31 08:12:11.2,0.8,2.62N,127.70E, h0km, mb3.9/10, mb1 4.0/11, mb1mx3.8/49, mbtmp3.9/11, ML3.8/1, Error ellipse: s-maj=47.5km s-min=15.2km az=74.0

NEIC 31 08:12:13.7, 2.7, 2.65N, 0.09, 127.97E, 0.09, h10km, 1km, mb4.2/8, Error ellipse: s-maj=16.4km s-min=14.1km az=59.0

ISC 31 08:12:13.0,0.6,2.74N,0.08,127.95E,0.10, h10km, n30, c1938/29, mb4.0/13, Northern Louisa Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes station TMTI Ternate.

31d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FINEs, ARCES, IDC, NEIC, and various seismic stations.

TUL 31 09:39:07.2.1, 36.45N, 0.02E, 97.12W, 0.05, h5km, 6km, ML2.5, mb, Lg2.7(NEIC), Error ellipse: s-maj=6.3km s-min=0.5km az=70.0

NEIC 31 09:39:07.1.4, 36.43N, 0.02E, 97.18W, 0.05, h2km, 7km, Error ellipse: s-maj=6.6km s-min=0.5km az=70.0, Oklahoma

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BLOK, QUOK, OK031, KAN13, CROK, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FCAR, WHAR, P38A, ABTX, etc.

NNC 31 09:46:43.8.3.6, 53.83N, 90.80E, h0km, mb3.6, mpv3.4, 5C-3D, Error ellipse: s-maj=26.9km s-min=18.9km az=55.0, Suspected Mining explosion, Southwestern Siberia

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

DJA 31 10:05:51.5.2.1, 1.5°S, 123°E, 1.3, h20km, 27km, M3.7/7, mb3.8/1, MLv3.7/7, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like APSI, MRSI, MRSI, etc.

JMA 31 10:26:49.7.0.1, 24.61N, 122.62E, h109km, 2km, M3.2 TAP 31 10:26:49.8, 24.67N, 122.64E, h110km, ML3.7, C ISC 31 10:26:50.9.1.3, 24.62N, 122.66E, 0.02, h100km, 7km, n110, e087/204, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JYNG, YONG, YONG, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NACB, NACB, NHDH, etc.

VAO 31 11:27:52.0.0.4.22'11S;-68'95W,h144km,4km,mb4.3
IDC 31 11:27:53.9.0.6.22'01S;-68'41W,h112km,10km,mb3.6/7,
mb1.3/8,mb1mx3.6/25,mbtmp4.0/9,Error ellipse:
s-maj=24.7km s-min=19.5km az=163.0
NEIC 31 11:27:54.4.0.8.22'08S;0'03-68'73W;0'07,h131km,9km,
Error ellipse: s-maj=9.7km s-min=3.5km az=113.0
GUC 31 11:27:55.1.0.7.22'03S;-68'70W,h126km,4km,ML4.1
ISC 31 11:27:55.5.0.6.22'06S;0'03-68'66W;0'05,h132km,6km,
n83,+1561/98,mb3.7/6,4C-2D,Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like Limon Verde, San Pedro de A, Diego Aracena, Pisagua, etc.

mb4.2/8, Error ellipse: s-maj=25.2km s-min=9.5km
az=139.0
ISC 31 11:38:36.3.1.0.19'45S;0'2-169'50E;0'09,h250km,n33,
+173/30,mb3.9/6,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like Rentapao, Mare, Loyalty, LIFOU, etc.

DGS Degeres 0.25 343 eP Pg 12 04 36.4 -0.2
DGS Degeres 416nm,0.1s 0.25 343 P Pg 12 04 40.3 -0.1
DGS Degeres 49nm,0.1s 0.25 343 P Pg 12 04 36.4 -0.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like Degeres, Maibute, Karabastu, etc.

IDC 31 11:38:35.7.3.0.18'96S;169'31E,h255km,42km,mb3.2/3,
mb1.3/3,mb1mx3.1/27,mbtmp3.8/5,Error ellipse:
s-maj=96.4km s-min=27.2km az=157.0
NOU 31 11:38:35.9.19'55S;169'81E,h263km,ML4.1/14,
Vanuatu Islands
NEIC 31 11:38:36.1.0.9.19'1S;0'1-169'4E;0'1,h253km,14km,

NNC 31 12:04:30.8.0.8.43'03N;75'88E,h0km,mb3.1,mpv3.2,
Error ellipse: s-maj=6.9km s-min=3.0km az=21.0
KRNET 31 12:04:30.4.0.1.43'00N;75'87E,h19km,mb3.3
SOME 31 12:04:31.0.43'00N;75'85E,h10km
ISC 31 12:04:31.0.0.8.43'00N;0'03-75'87E;0'02,h15km,4km,
n55,+084/102,6C-5D,Lake Issyk-Kul region

DGS Degeres 0.25 343 eP Pg 12 04 36.4 -0.2
DGS Degeres 416nm,0.1s 0.25 343 P Pg 12 04 40.3 -0.1
DGS Degeres 49nm,0.1s 0.25 343 P Pg 12 04 36.4 -0.2

1545

Table with columns: Code, Station Name, Az, El, P, Time, Res, ISC. Includes stations like MNAS Manas, PDGK Podgornoye, DJR JarKent, etc.

NEIC 31 12:25:56.1±0.6,30.35S,0°07:17.6W,0.2,h21km,4km, mb4.6/32,Error ellipse: s-maj=23.3km s-min=9.6km az=92.0

IDC 31 12:25:57.1±3.4,30.35S,177.51W,h25km,20km,mb4.3/9, mb1.4/4/10,mb1mx4.1/34,mbtmp4.4/10,ML3.8/1,MS3.6/4, Ms1.3/6.4,ms1mx3.3/24,Error ellipse: s-maj=22.4km s-min=17.5km az=113.0

ISC 31 12:25:57.0±0.5,30.33S,0°06:17.7W,0.1,h33km,n89, r1520/33,mb4.6/19,Kermadec Islands

Main station list for 1545, including RAOU Raoul Island, URZ Urewera, BKZ Black Stump Fm, etc.

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Main station list for 2015 AUG, including VNA2 Neumayer-Watz, H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

DJA 31 12:28:30.2±4.8,3°N,10°9'5E,4.1,h10km,M4.2/6, mb4.3/2,MLV4.2/6

IDC 31 12:28:36.5±1.0,2.49N,96°05'E,h0km,mb4.1/13, mb1.4/2/14,mb1mx3.9/60,mbtmp4.1/14,ML4.2/1,MS3.3/2, Ms1.3/3.2,ms1mx2.8/48,Error ellipse: s-maj=38.8km s-min=17.4km az=58.0

NEIC 31 12:28:41.7±0.9,2.49N,10°06'E,0.1,h28km,4km, mb4.3/24,Error ellipse: s-maj=22.0km s-min=10.0km az=59.0

ISC 31 12:28:40.0±0.7,2.47N,0°07:95.9E,0.1,h25km,n84, r1505/76,mb4.2/21,Off west coast of northern Sumatra

Main station list for 2015 AUG, including TPTI GSI, GSI, TSI, etc.

31d 12h

Table with columns: Code, Station Name, Az, El, P, Time, Res, ISC. Includes stations like WRAB comp=Z,6.1nm,1.3s, WB2 Warramunga Arr, etc.

OSPL 31 12:51:48.0±0.4,19.26N,67°8'7W,h0km,2km,ML2.2

NEIC 31 12:51:50.6±0.9,19.21N,0°07:67.9W,0.03,h39km,39km, Error ellipse: s-maj=10.8km s-min=4.2km az=177.0

RSRP 31 12:51:51.1±1.1,19.20N,67°00'W,h49km,1.4km,ML3.1/4

ISC 31 12:51:48.8±1.3,19.19N,0°07:67.9W,0.03,h20km,n30, r0570/34,5C-1D,Mon Passage

Main station list for 31d 12h, including PCDR Punta Cana, DR, AGPR Aguadilla, PR, etc.

NEIC 31 12:53:36.8±1.3,31°32'S,0°03:17.6W,0.2,h35km,8km, mb4.3/11,Error ellipse: s-maj=26.6km s-min=3.5km az=88.0

IDC 31 12:53:37.3±2.8,31°25'S,177°29'W,h0km,mb4.0/4, mb1.4/2/6,mb1mx3.8/29,mbtmp4.1/6,ML3.7/2,Error ellipse: s-maj=60.1km s-min=61.8km az=109.0

ISC 31 12:53:38.9±1.5,31°32'S,0°07:17.6W,0.2,h35km,n25, r154/23,mb4.2/8,Kermadec Islands region

Main station list for 31d 12h, including RAO Raoul Island, URZ Urewera, BKZ Black Stump Fm, etc.

1549

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NORARS Array B, NORARS Array S, FOREST, etc.

IDC 31 14:00:37.1±1.9, 6.86S, 128.48E, h0km, mb3.0/1, mb1 3.6/3, mb1mx3.3/32, mbtmp3.4/3, ML3.4/3, Error ellipse: s-maj=63.0km s-min=29.5km az=80.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SIJI Sorong, WRA Warrungga Arr, etc.

IDC 31 14:28:09.7±1.4, 20.53S, 178.41W, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.4/27, mbtmp3.4/2, Error ellipse: s-maj=326.7km s-min=70.7km az=147.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warrungga Arr, etc.

TUL 31 14:44:09.2±1.3, 36.79N, 0.02, 98.45W, 0.04, h0km, 7km, ML3.5, mb, Lg3.2/90(NEIC), Error ellipse: s-maj=5.1km s-min=1.4km az=110.0

ANF 31 14:44:10.2±0.4, 36.79N, 98.46W, h7km, 3km, ML3.9/15, Error ellipse: s-maj=2.4km s-min=1.4km az=63.0

NEIC 31 14:44:10.1±0.9, 36.79N, 0.03, 98.44W, 0.04, h8km, 6km, Error ellipse: s-maj=5.5km s-min=4.0km az=117.0

ISC 31 14:44:09.7±1.1, 36.79N, 0.03, 98.45W, 0.03, h6km, gkm, n12, 0.06/100, Oklahoma

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OK032 Salt Plains Wl, KAN14 Manchester OK, etc.

2015 AUG

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CBKCS Cedar Bluff, TUL1 Leonard, KSU1 Kansas State U, etc.

31d 15h

Table with columns: RSSD, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Black Hills Casper, L42A Oliver, etc.

IDC 31 14:46:07.0±2.1, 8.75S, 124.19E, h0km, mb3.4/1, mb1 3.8/3, mb1mx3.4/35, mbtmp3.6/3, ML3.9/2, Error ellipse: s-maj=221.8km s-min=32.3km az=57.0

DJA 31 14:46:18.3±0.5, 9.5S, 124.4E, h106km, 7km, M3.8/7, mb4.3/3, MLV3.6/7

ISC 31 14:46:17.2±1.3, 8.95S, 0.1, 124.3E, 0.1, h100km, n9, 0.138/12, Timor region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SOEI Soe, BATI Baumata, etc.

IDC 31 14:50:01.1±2.3, 9.78S, 124.56E, h0km, mb3.4/1, mb1 3.9/3, mb1mx3.4/33, mbtmp3.7/3, ML3.9/2, Error ellipse: s-maj=263.5km s-min=34.4km az=56.0

DJA 31 14:50:09.3±0.7, 10.5S, 124.5E, h28km, 6km, M4.1/7, mb4.5/3, MB5.1/1, MLV3.9/7, MW(MB)4.4/1

ISC 31 14:50:05.7±1.3, 9.75S, 0.1, 125.09E, 0.09, h33km, n7, 0.233/11, Timor region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SOEI Soe, BATI Baumata, etc.

IDC 31 15:19:37.5±1.2, 13.11N, 144.64E, h56km, 13km, mb3.1/4, mb1 3.4/4, mb1mx3.2/36, mbtmp3.4/4, MS3.6/1, Ms1 3.6/1, ms1mx2.8/10, Error ellipse: s-maj=61.0km s-min=20.3km az=104.0

NEIC 31 15:19:37.9±1.0, 13.11N, 0.1, 144.5E, 0.3, h49km, 10km, mb4.3/7, Error ellipse: s-maj=39.8km s-min=8.1km az=119.0

ISC 31 15:19:37.5±1.0, 13.11N, 0.2, 144.5E, 0.2, h54km, n20, 0.051/14, mb4.0/9, Mariana Islands

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GUMO Guam, H113 WAKE ISLAND HY, etc.

JMA 31 15:29:31.1, 35.25N, 138.41E, h20km, 1km, MO.6, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SHZ3 Shizuoka 3, JYN Shimooka, etc.

IDC 31 15:29:35.0±0.7, 34.49N, 138.20E, h0km, mb3.6/13, mb1 3.8/19, mb1mx3.7/50, mbtmp3.6/19, ML3.1/5, MS3.3/5, Ms1 3.3/5, ms1mx3.0/35, Error ellipse: s-maj=15.8km s-min=14.1km az=69.0

31d 16h

2015 AUG

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NEIC 31 15:29:36.9,0.8,34.55N,0.04:138.11E,0.06,h11km,6km, mb4.2/4, Error ellipse: s-maj=7.6km s-min=6.0km az=75.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAGARA, KAKEGAWASHINOMI, TOKAI 4, etc.

LFERS El Faro 1.74 96 eP Pn 15 31 15.5 +0.2
COEG Centro de Oper 1.92 95 eP Pn 15 31 17.2 -0.4
ALJI comp-Z,322nm,0.4s Alcalda de J 2.26 102 eS Sn 15 31 50.1 +1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAGARA, KAKEGAWASHINOMI, TOKAI 4, etc.

TUL 31 16:05:36.3,0.4,36.52N,0.02:98.48W,0.02,h5km,7km, ML2.6, mb, Lg2.5/14(NEIC), Error ellipse: s-maj=2.7km s-min=2.1km az=136.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OK032, CROK, U32A, etc.

31.12.16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BR131, BR131 Keskin Array S, BR131 Keskin Array B, etc.

2015 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like KEV Kevo, KEV Kevo, KEV Kevo, etc.

1552

Table with columns for station name, frequency, power, and other technical details. Includes stations like STRU Stroemstad, WERN Wertnizgrun, WERN Wertnizgrun, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SNF Seneffe, JSD Sado, YSS Yuzh-Sakhalins, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SCM comp=Z,15nm,1.0s, P19K Oil Pt, L27K Beaver Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PBDV Barranco-do-Ve, PBDV Barranco-do-Ve, PBDV Barranco-do-Ve, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like UGLR, KRX, SMAR, KREB, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like USA0B, USRKR, USRKR, ZEA, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like SCM, PRP, FID, N25K, etc.

1561

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Includes stations like CEP Cherat, IUG Chirah Chowk, MRKS Merke, etc.

JMA 31 22:17:00.4-0.2, 24.76N, 122.11E, h118km, 2km, M2.2
TAP 31 22:17:00.6, 24.83N, 122.14E, h115km, ML3.2, B
ISC 31 22:17:00.3-1.4, 24.84N, 122.13E, 0.03, h118km, 7km, n66, c067/136, Taiwan region

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Includes stations like TWB1 Santiao Chiao, NTC Toucheng, TWP Shuangxi, etc.

2015 AUG

Main table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Includes stations like YON Yonaguni jima, TWD Chiawan, FUSHU Fushou, etc.

31d 22h

NEIC 31 22:25:23.6, 2.6, 0.06N, 0.09-124.58E, 0.07, h78km, 10km, mb4.2/13, Error ellipse: s-maj=14.5km s-min=8.2km az=207.0

IDD 31 22:25:23.1, 2.8, 0.09N, 124.67E, h77km, 28km, mb3.7/7, mb1 4.0/9, mb1mx3.6/42, mbtmp4.1/9, Error ellipse: s-maj=21.6km s-min=15.5km az=82.0

DJA 31 22:25:24.2, 0.3, 0.5, 4.12, 5E, h55km, 31km, M4.5/14, mb5.1/5, mb4.6/7, MLv4.5/14, Mw(mB)4.4/5
ISC 31 22:25:22.7-0.6, 0.04S, 0.05-124.55E, 0.06, h73km, n49, c167/156, mb4.1/13, Southern Molucca Sea

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Includes stations like MNI Manado, SANI Sanana, MRSI Marisa, etc.

IDD 31 22:28:26.0, 2.0, 7.10S, 130.96E, h0km, mb3.7/1, mb1 3.7/4, mb1mx3.4/39, mbtmp3.5/4, ML3.1/2, Error ellipse: s-maj=96.8km s-min=29.6km az=79.0, Tanimbar Islands region

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Includes stations like SIJI Sorong, WRA Warramunga Arr, ASAR Alice Springs, etc.

JMA 31 22:38:00.9, 24.30N, 122.06E, h20km, 2km, M2.3
TAP 31 22:38:02.0, 24.33N, 121.95E, h16km, ML2.9, C
ISC 31 22:38:01.1-0.9, 24.31N, 122.06E, 0.02, h16km, 7km, n69, c070/111, Taiwan region

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Includes stations like EWUT Wuta, EHP Heping Village, ENA Nanau, etc.

31d 23h

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWD, HWA, ET LH, etc.

2015 AUG

Main table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JLI, SSD, JISG, MASBT, PHUB, etc.

1562

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PCIG, SOR, Z35A, X37A, MIAR, etc.

PETK	Petropavlovsk-	80.25 344	P	P	23 17 20.9	+0.4
KSRS	Korea Array	80.99 318	P	P	23 17 24.6	-0.2
KSRS			LR	LR	23 49 16.8	
NVAR	Mina Array Bea	82.12 42	P	P	23 17 31.9	+0.7
USRK	Ussuriysk Ar	83.12 325	P	P	23 17 36.6	+0.7
SNA4	Sanae	84.41 178	P	P	23 17 44.3	+2.0
SNA4	Sanae	84.41 178	P	P	23 17 42.6	+0.2
LCMT	Little Creek M	84.46 45	P	P	23 17 43.8	+0.7
LCMT			IAMB	IAMB	23 17 58.2	
VNA3	Neumayer Olymp	84.47 175	P	P	23 17 43.0	+0.5
CCUT	Cedar City	84.70 45	P	P	23 17 44.4	0.0
CCUT			IAMB	IAMB	23 17 59.8	
KNB	Kanab	84.74 46	P	P	23 17 45.2	+0.6
KNB			IAMB	IAMB	23 17 59.9	
U15A	North Rim	84.75 46	P	P	23 17 44.5	-0.3
U15A			IAMB	IAMB	23 18 00.2	
VNA2	Neumayer-Watz	84.93 176	P	P	23 17 45.8	+0.9
VNA1	Neumayer-Stat	85.15 176	P	P	23 17 46.7	+0.8
PLCA	Paso Flores	85.25 133	LR	LR	23 48 11.5	
MTPU	Mount Pierson	85.74 45	P	P	23 17 50.1	+0.3
MNTX	Cornudas Mount	87.04 53	P	P	23 17 55.7	-0.2
MNTX			IAMB	IAMB	23 18 10.7	
TMUT	Trail Mountain	87.08 44	P	P	23 17 56.3	0.0
TMUT			IAMB	IAMB	23 18 14.4	
TXAR	Lajitas Array	87.14 56	P	P	23 17 57.0	+0.4
TXAR			LR	LR	23 51 15.9	
TXAR	Lajitas Array	87.14 56	P	P	23 17 56.0	-0.6
SKNT	Sakolnakorn	88.38 289	P	P	23 18 03.6	+1.0
J20K	Nowinta River	89.52 9	P	P	23 18 07.0	+0.2
J20K			IAMB	IAMB	23 18 07.2	
NONG	Nongkai	89.56 290	P	P	23 18 09.5	+1.3
SEY	Seymchan	90.32 346	P	P	23 18 10.1	-0.5
PHET	Kaeng Krachan	90.48 284	P	P	23 18 15.4	+2.9
ILAR	Eielson Array	91.29 12	P	P	23 18 14.4	-0.7
PHIT	Phitsanulok	91.56 288	P	P	23 18 19.8	+2.3
UTTA	Uttaradit	91.67 289	P	P	23 18 19.7	+1.8
LAMP	Lampang	92.78 289	P	P	23 18 25.2	+2.1
CM04	Chiang Mai Arr	93.30 289	P	P	23 18 27.6	+2.1
CM09	Chiang Mai Arr	93.31 289	P	P	23 18 27.8	+2.2
CM01	Chiang Mai Arr	93.33 289	P	P	23 18 28.0	+2.4
CM05	Chiang Mai Arr	93.33 289	P	P	23 18 27.6	+1.9
CM02	Chiang Mai Arr	93.34 289	P	P	23 18 27.8	+2.1
CMAR	Chiang Mai Arr	93.35 289	P	P	23 18 26.8	+1.0
CM13	Chiang Mai Arr	93.37 289	P	P	23 18 27.8	+1.9
CMMT	Chiang Mai	93.49 289	P	P	23 18 27.7	+1.3
CHTC	Chiang Mai	93.50 289	P	P	23 18 27.8	+1.4
CHTO	Chiang Mai	93.50 289	P	P	23 18 27.8	+0.8
FINES	FINES Array B	139.77 344	PKP	PKPdf	23 24 35.0	-2.6
AKASG	Malin Array Be	147.17 330	PKPbc	PKPdf	23 24 52.1	+1.2
ASF	Jabal al Asfar	150.28 293	PKPbc	PKPbc	23 25 00.1	-1.8
BRTR	Keskin Array B	150.82 309	PKPbc	PKPbc	23 25 02.0	-1.0
MMAI	Mount Meron Ar	151.40 295	PKPbc	PKPbc	23 25 04.0	-0.5
CLL	Collm	151.98 348	ePKPdf	PKPdf	23 25 57.0	-1.6
CLL			ePKPbc	PKPbc	23 25 04.0	-1.1
CLL			i (PKPab)	sPKPab	23 25 18.2	+1.3
OSTC	Ostas	151.98 344	ePKP	PKIKP	23 25 05.8	+0.3
OSTC			ex	x	23 25 18.7	
OPC	Dobruska-Polom	152.14 344	ePKP	PKPbc	23 25 05.8	+0.2
EIL	Elat	152.21 288	PKPbc	PKPbc	23 25 05.8	-0.5
MLR	Muntele Rosu	152.38 326	PKPbc	PKIKP	23 25 07.4	+0.8
PVCC	Panska Ves	152.40 346	ePKP	PKIKP	23 25 06.6	+0.2
KHC	Kasperske Hory	153.93 346	ePKP	PKIKP	23 25 12.7	+3.1
KHC			ex	x	23 25 23.0	
CKRC	Cesky Krumlov	154.06 345	ePKP	PKPbc	23 25 09.5	-0.3

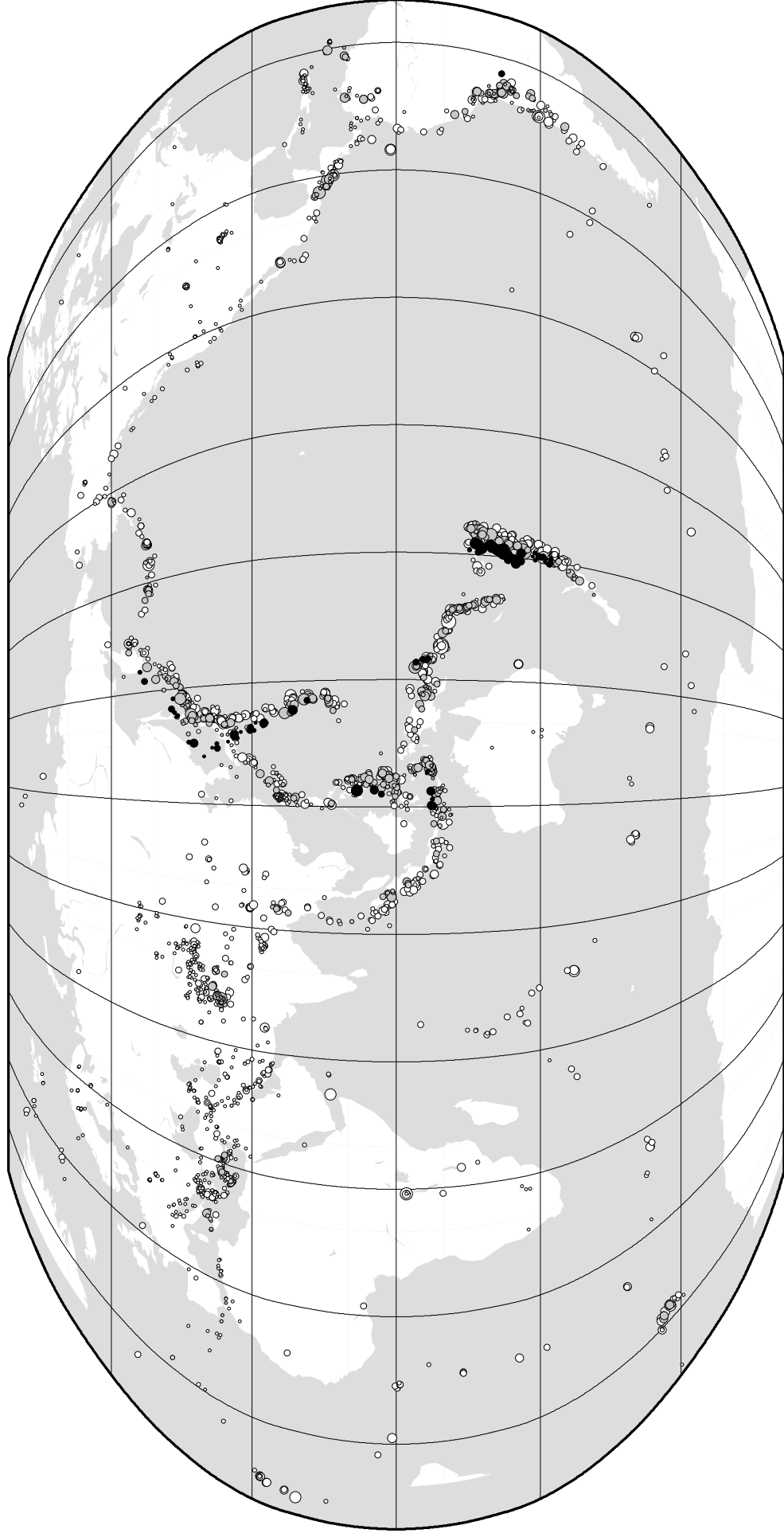
IDC 31 23:12:46.3±1.7,52.75S×134.02W,h0km,mb3.8/3,
mb1 4.0/3,mb1mx3.7/21,mbtmp3.8/3,MS3.7/3,Ms1 3.7/3,
ms1mx3.3/19,Error ellipse: s-maj=473.1km
s-min=32.1km az=168.0,Pacific-Antarctic Ridge

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	ISC	h m s ISC
PPT	Papeete	37.17	335	LR	LR	23 32 08.2
H03S2	Juan Fernandez	43.14	87	T	T	00 06 52.3
H03S1	Juan Fernandez	43.15	87	T	T	00 06 52.6
H03S3	Juan Fernandez	43.16	87	T	T	00 06 52.4
H03N3	Juan Fernandez	43.41	86	T	T	00 07 11.1
H03N2	Juan Fernandez	43.41	86	T	T	00 07 10.0
H03N1	Juan Fernandez	43.42	86	T	T	00 07 10.9
CPUP	Villa Florida	61.58	97	LR	LR	23 44 59.7
LPAZ	La Paz	62.62	81	P	P	23 23 13.1 0.0
ASAR	Alice Springs	72.74	254	P	P	23 24 16.4 +0.2
H01W1	Cape Leeuwin H	74.55	232	T	T	00 45 49.6
H01W2	Cape Leeuwin H	74.55	232	T	T	00 45 50.0
H01W3	Cape Leeuwin H	74.57	232	T	T	00 45 51.1
WRA	Warramunga Arr	75.36	256	P	P	23 24 31.5 -0.1
H11S2	WAKE ISLAND Hy	87.46	305	T	T	01 03 18.3
H11S3	WAKE ISLAND Hy	87.47	305	T	T	01 03 16.6
H11S1	WAKE ISLAND Hy	87.47	305	T	T	01 03 18.6
H11N3	WAKE ISLAND Hy	88.40	306	T	T	01 04 24.6
H11N1	WAKE ISLAND Hy	88.40	306	T	T	01 04 27.3
H11N2	WAKE ISLAND Hy	88.42	306	T	T	01 04 26.0
BOSA	Boshof	96.98	162	LR	LR	00 07 21.9

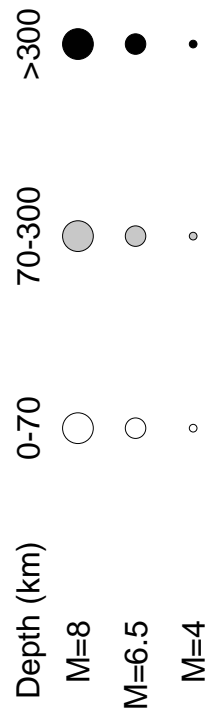
DJA 31 23:39:32.6±2.7,4°S,12°×14°0E±1°3,h24km,34km,M3.9/3,
MLV3.9/3,Irian Jaya

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	ISC	h m s ISC
WAMI	Wamena	1.01	259	P	Pn	23 39 49.2 -2.1
WAMI				S	Sb	23 40 01.2 -3.2
GENI	Genyem	1.18	23	P	Pn	23 39 53.4 -0.3
GENI				S	Sb	23 40 09.4 +0.1
JAY	Jayapura	1.53	40	P	Pn	23 39 58.5 0.0
JAY				S	Sn	23 40 18.3 +0.6

ISC Computed Locations for August 2015



Robinson Projection, centred on 0°N, 130°E



2741 Events